AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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LIST OF COURSE CURRICULUM

INDEX

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24		Hybrid MicroGrids	328
25		Electrical vehicle (2W) Technology	341
26		Solid works	354
27		CNC Turning and Milling	367
28		Cryogenic	380
29		Introduction to Hyper Mesh	396
30		Nano Technology & Nano Sensor	408
31		Quantum Mechanics	426
32		Mobile Application Development	446
33		Aerial Robotics	462
34		Astro Physics	478
35		Indian spirtual& Cultural Heritage	494
36		Android Developer Fundamentals	509
37		Emotional Intelligence and Leadership	525
38		Production and Inventory Management	542
39		Tally ERP 9.0	563
40		Strong Works Ethics	581
41		Entrepreneurship Abroad Education & Start up Initiatives	600
42		PEGA-UAP	679

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/01   Date: 16-09-2022

CIRCULAR

This is to inform all the III.B. Tech CSE students that, the Department organizing a Value Added Course on **"Snowflake Continuous Data Pipelines"**. The course is scheduled to run for 06 days from 19-09-2022 to 24-09-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.Abhishek Nayar with IBEON InfoTech

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Head of the Department
Computer Science & Engineering
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Ranga Reddy District.

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    The principal, for kind information

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    Notice board

    III B. Tech CSE students

    Dept. file

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ABOUT THE COURSE

Snowflake is a fully managed SaaS (software as a service) that provides a single platform for data warehousing, data lakes, data engineering, data science, data application development, and secure sharing and consumption of real-time / shared data.

COURSE OBJECTIVES

- Learn about Snowflake and how it can provision cloud-hosted data warehouses
- Learn how to administrate a Snowflake data warehouse
- Learn how to scale Snowflake data warehouses instantly and on-demand
- Learn how to use Snowflake to perform analytics on petabyte scale and beyond datasets.

EXPECTED OUTCOMES

- Understand data warehousing concepts.
- Implement data warehousing solution on Snowflake.
- Install & configure Snowflake CLI.
- Create databases, schemas & tables.
- Create virtual data warehouses on Snowflake.
- Load & transform data in Snowflake

Resource Person
Mr.Abhishek Nayar
Project Engineer
IBeon Info Tech

Co-ordinator
Mr.S.Raghu
Assistant Professor
Department of CSE

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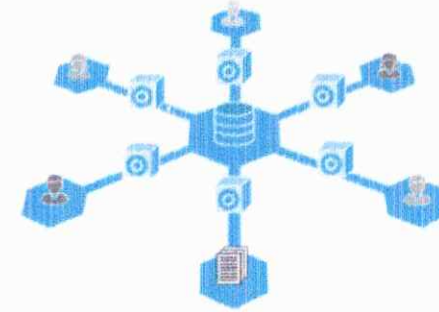
VALUE ADDED COURSE ON

" SNOWFLAKE CONTINUOUS DATA PIPELINES"

19th SEP to 24th SEP 2022

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SNOWFLAKE CONTINUOUS DATA PIPELINES

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH III YEAR-I SEM

Course Objectives:

- Learn about Snowflake and how it can provision cloud-hosted data warehouses
- Learn how to administrate a Snowflake data warehouse
- Learn how to scale Snowflake data warehouses instantly and on-demand
- Learn how to use Snowflake to perform analytics on petabyte scale and beyond datasets.

Module 1: Overview and Architecture: Overview of Snowflake Snowflake Structure Using Snowsight Storage Layer Compute Layer Cloud Services Layer Snow grid Connection Options SnowSQL.

Module 2: Data Protection Features & SQL Support in Snowflake: Cloning Time Travel Fail-safe Introduction to Replication Tables, Views, and Data Types Transactions Standard SQL and Snowflake Estimation Functions Sampling Collation Multi-table Inserts Query Tags Working with Parameters.

Module 3: Metadata and Caching in Snowflake & Query Performance: Overview Metadata Query Result Cache Data Cache Using Explain Query Profile SQL Performance Tips.

Module 4: Data loading and Unloading & Functions, Procedures, and Snowflake Scripting: Data Loading Objects Data Loading Process Transformations and Copy Options Data Loading Recommendations Continuous Data Loading Unloading Data User-defined Functions Stored Procedures Snowflake Scripting.

Module 5: Using Tasks& Managing Security: Overview Creating Tasks Managing Tasks Security Overview Access Authentication Authorization Data Protection Types of Virtual Warehouse Scaling Auto-scaling Policies.

TEXT BOOK:

1. Snowflake: The Definitive Guide" written by Joyce Kay Avila,

S. Raghu

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Ranga Reddy Dist, Telangana.

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Head of the Department
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Ranga Reddy District.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: III YEAR

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines
TUE	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines
WED	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines
THU	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines
FRI	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines
SAT	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines	LUNCH	Snowflake Continuous Data Pipelines	BREAK	Snowflake Continuous Data Pipelines

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SNOWFLAKE CONTINUOUS DATA PIPELINES

ACADEMIC YEAR: 2022-2023

Date: 16-09-2022

B. TECH III YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	19-09-2022	Overview of Snowflake Snowflake Structure Using Snow sight Storage Layer.	09:30 am to 04:00 pm	6 hour
2	20-09-2022	Cloning Time Travel Fail-safe Introduction to Replication Tables, Views, and Data Types Transactions Standard.	09:30 am to 04:00 pm	6 hour
3	21-09-2022	Overview Metadata Query Result Cache Data Cache Using Explain Query Profile SQL Performance Tips	09:30 am to 04:00 pm	6 hour
4	22-09-2022	Data Loading Objects Data Loading Process Transformations and Copy Options Data Loading Recommendations Continuous Data Loading	09:30 am to 04:00 pm	6 hour
5	23-09-2022	Overview Creating Tasks Managing Tasks Security Overview Access Authentication.	09:30 am to 04:00 pm	6 hour
6	24-09-2022	Types of Virtual Warehouse Scaling Auto-scaling Policies.	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

S. Raghu

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The students of III-YEAR B.TECH Certificate Program attending "Snow Flake Continuous Data Pipeline" by the resource person "Mr.AbhishekNayar, Project Engineer" by 'IBEON InfoTech'

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HOD

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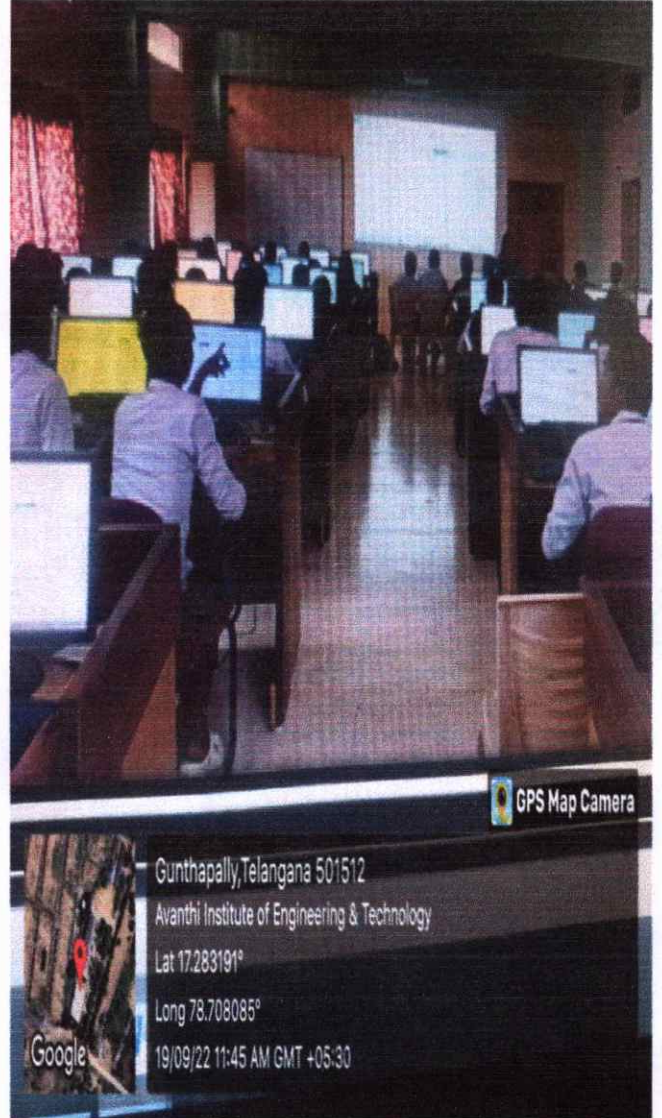
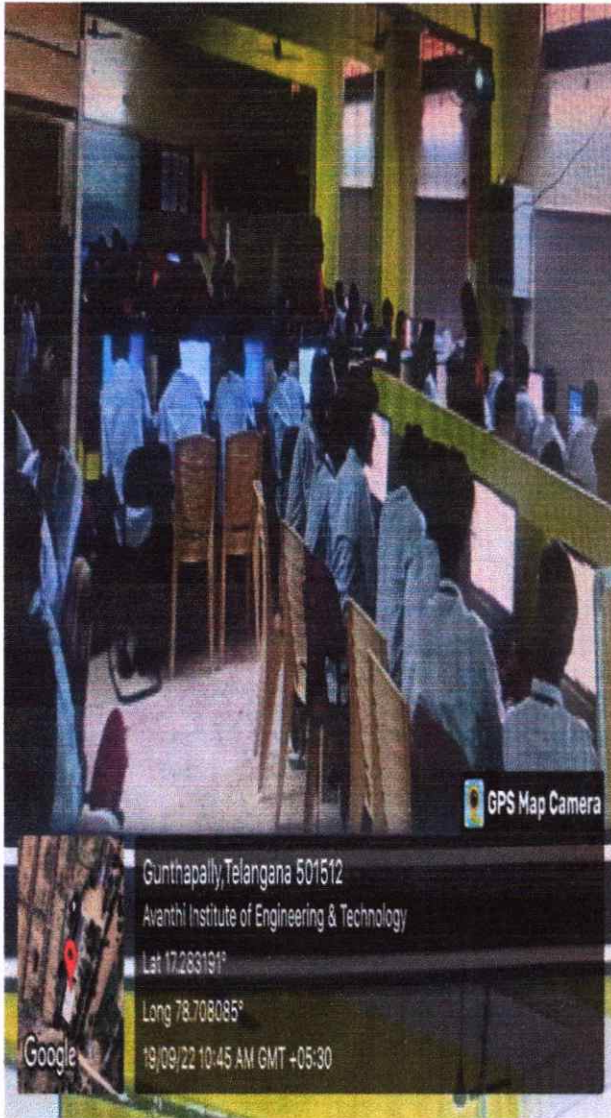Avanthi Institute of Engineering and Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SNOWFLAKE CONTINOUS DATA PIPELINES

III YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	20Q61A0501	Abhishek Singh Tomar
2	20Q61A0502	Adicherla Vamshi
3	20Q61A0503	Aedma Shravan Kumar
4	20Q61A0504	Akkaldevi Ajay
5	20Q61A0505	Alluri Surya Prakash
6	20Q61A0506	Anthati Dinesh
7	20Q61A0507	Anugu Varsha
8	20Q61A0508	Baddam Prem Kumar Reddy
9	20Q61A0509	BanalaBalanagendrachary
10	20Q61A0510	Bethapudi Srija
11	20Q61A0511	Bhukya Sandeep
12	20Q61A0512	Boddu Ramu
13	20Q61A0513	Bondla Yogitha
14	20Q61A0514	Cheekati Nagaraju
15	20Q61A0515	Cheerla Sathvika
16	20Q61A0516	Dhyapa Sreevidya
17	20Q61A0517	Dilli Niharika
18	20Q61A0518	Edhandla Raj Kumar
19	20Q61A0519	Erraji Saikiran
20	20Q61A0520	Gaddam Manitha
21	20Q61A0521	Gorla Devika
22	20Q61A0522	Gudelli Jaswanth Reddy
23	20Q61A0523	Gurram Reemasree Reddy
24	20Q61A0524	Hafsa Nousheen
25	20Q61A0525	Jella Sreeja
26	20Q61A0526	K Umesh
27	20Q61A0527	Kandula Pooja
28	20Q61A0528	Karra Adarsh
29	20Q61A0529	Katabathini Uma
30	20Q61A0530	Kethavath Ramdas
31	20Q61A0531	Kota Pavani
32	20Q61A0532	Kunati Srikanth Reddy
33	20Q61A0533	Kuntala Shiva
34	20Q61A0534	Kurapati Yaswanth
35	20Q61A0535	Laxmannagari Gopika
36	20Q61A0536	Machkuri Vittal
37	20Q61A0537	Manukonda Kavya Sree

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38	20Q61A0538	Mittapelly Raviteja
39	20Q61A0539	ModduSakshith Reddy
40	20Q61A0540	Mohammed Mudabbir Ali
41	20Q61A0541	Mukka Shashank
42	20Q61A0542	Nalla Yashwanth Reddy
43	20Q61A0543	Akash Dhapte
44	20Q61A0544	Anthati Mahesh
45	20Q61A0545	Atmakur Narayana Saketh

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SNOWFLAKE CONTINOUS DATA PIPELINES

IIIYEAR I–SEM **A.Y 2022-2023** **Date:16-09-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	19.09.22	20.09.22	21.09.22	22.09.22	23.09.22	24.09.22
1	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
2	20Q61A0502	Adicherla Vamshi	P	P	P	P	P	P
3	20Q61A0503	Aedma Shravan Kumar	P	P	P	P	P	P
4	20Q61A0504	Akkaldevi Ajay	P	P	P	P	P	P
5	20Q61A0505	Alluri Surya Prakash	P	P	P	P	P	P
6	20Q61A0506	Anthati Dinesh	A	A	A	A	A	A
7	20Q61A0507	Anugu Varsha	P	P	P	P	P	P
8	20Q61A0508	Baddam Prem Kumar Reddy	P	P	P	P	P	P
9	20Q61A0509	BanalaBalanagendrachary	P	P	P	P	P	P
10	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
11	20Q61A0511	Bhukya Sandeep	P	P	P	P	P	P
12	20Q61A0512	Boddu Ramu	P	P	P	P	P	P
13	20Q61A0513	Bondla Yogitha	P	P	P	P	P	P
14	20Q61A0514	Cheekati Nagaraju	P	P	P	P	P	P
15	20Q61A0515	Cheerla Sathvika	P	P	P	P	P	P
16	20Q61A0516	Dhyapa Sreevidya	P	P	P	P	P	P
17	20Q61A0517	Dilli Niharika	P	P	P	P	P	P
18	20Q61A0518	Edhandla Raj Kumar	P	P	P	P	P	P
19	20Q61A0519	Erraji Saikiran	P	P	P	P	P	P
20	20Q61A0520	Gaddam Manitha	P	P	P	P	P	P
21	20Q61A0521	Gorla Devika	P	P	P	P	P	P
22	20Q61A0522	Gudelli Jaswanth Reddy	P	P	P	P	P	P
23	20Q61A0523	Gurram Reemasree Reddy	P	P	P	P	P	P
24	20Q61A0524	Hafsa Nousheen	A	A	A	A	A	A
25	20Q61A0525	Jella Sreeja	P	P	P	P	P	P
26	20Q61A0526	K Umesh	P	P	P	P	P	P
27	20Q61A0527	Kandula Pooja	P	P	P	P	P	P
28	20Q61A0528	Karra Adarsh	P	P	P	P	P	P
29	20Q61A0529	Katabathini Uma	P	P	P	P	P	P
30	20Q61A0530	Kethavath Ramdas	P	P	P	P	P	P
31	20Q61A0531	Kota Pavani	P	P	P	P	P	P

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32	20Q61A0532	Kunati Srikanth Reddy	P	P	P	P	P	P
33	20Q61A0533	Kuntala Shiva	P	P	P	P	P	P
34	20Q61A0534	Kurapati Yaswanth	P	P	P	P	P	P
35	20Q61A0535	Laxmannagari Gopika	P	P	P	P	P	P
36	20Q61A0536	Machkuri Vittal	A	A	A	A	A	A
37	20Q61A0537	Manukonda Kavya Sree	P	P	P	P	P	P
38	20Q61A0538	Mittapelly Raviteja	P	P	P	P	P	P
39	20Q61A0539	ModduSakshith Reddy	P	P	P	P	P	P
40	20Q61A0540	Mohammed Mudabbir Ali	P	P	P	P	P	P
41	20Q61A0541	Mukka Shashank	P	P	P	P	P	P
42	20Q61A0542	Nalla Yashwanth Reddy	P	P	P	P	P	P
43	20Q61A0543	Akash Dhapte	P	P	P	P	P	P
44	20Q61A0544	Anthati Mahesh	P	P	P	P	P	P
45	20Q61A0545	Atmakur Narayana Saketh	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **SNOWFLAKE CONTINOUS DATA PIPELINES**

III YEAR I–SEM   **A.Y 2022-2023**   **Date: 19-09-2022 to 24-09-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0501	Abhishek Singh Tomar	36	100
2	20Q61A0502	Adicherla Vamshi	36	100
3	20Q61A0503	Aedma Shravan Kumar	36	100
4	20Q61A0504	Akkaldevi Ajay	36	100
5	20Q61A0505	Alluri Surya Prakash	36	100
6	20Q61A0506	Anthati Dinesh	0	0
7	20Q61A0507	Anugu Varsha	36	100
8	20Q61A0508	Baddam Prem Kumar Reddy	36	100
9	20Q61A0509	BanalaBalanagendrachary	36	100
10	20Q61A0510	Bethapudi Srija	36	100
11	20Q61A0511	Bhukya Sandeep	36	100
12	20Q61A0512	Boddu Ramu	36	100
13	20Q61A0513	Bondla Yogitha	36	100
14	20Q61A0514	Cheekati Nagaraju	36	100
15	20Q61A0515	Cheerla Sathvika	36	100
16	20Q61A0516	Dhyapa Sreevidya	36	100
17	20Q61A0517	Dilli Niharika	36	100
18	20Q61A0518	Edhandla Raj Kumar	36	100
19	20Q61A0519	Erraji Saikiran	36	100
20	20Q61A0520	Gaddam Manitha	36	100
21	20Q61A0521	Gorla Devika	36	100
22	20Q61A0522	Gudelli Jaswanth Reddy	36	100
23	20Q61A0523	Gurram Reemasree Reddy	36	100
24	20Q61A0524	Hafsa Nousheen	0	0
25	20Q61A0525	Jella Sreeja	36	100
26	20Q61A0526	K Umesh	36	100
27	20Q61A0527	Kandula Pooja	36	100
28	20Q61A0528	Karra Adarsh	36	100
29	20Q61A0529	Katabathini Uma	36	100
30	20Q61A0530	Kethavath Ramdas	36	100
31	20Q61A0531	Kota Pavani	36	100
32	20Q61A0532	Kunati Srikanth Reddy	36	100
33	20Q61A0533	Kuntala Shiva	36	100
34	20Q61A0534	Kurapati Yaswanth	36	100
35	20Q61A0535	Laxmannagari Gopika	36	100
36	20Q61A0536	Machkuri Vittal	0	0
37	20Q61A0537	Manukonda Kavya Sree	36	100

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38	20Q61A0538	Mittapelly Raviteja	36	100
39	20Q61A0539	ModduSakshith Reddy	36	100
40	20Q61A0540	Mohammed Mudabbir Ali	36	100
41	20Q61A0541	Mukka Shashank	36	100
42	20Q61A0542	Nalla Yashwanth Reddy	36	100
43	20Q61A0543	Akash Dhapte	36	100
44	20Q61A0544	Anthati Mahesh	36	100
45	20Q61A0545	Atmakur Narayana Saketh	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30-09-2022

COURSE REPORT

Name of The Value added course: Snowflake Continuous Data Pipelines

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.Abhishek Nayar, Project Engineer IBeon InfoTech

Name of the Coordinator: Mr.S.Raghu, Assistant Professor

Number of the Participants: 42

Topics covered: The following topics covered in this program

➤ Overview and Architecture.

➤ Data Protection Features & SQL Support in Snowflake.

➤ Metadata and Caching in Snowflake & Query Performance.

➤ Data loading and Unloading & Functions, Procedures, and Snowflake Scripting.

➤ Using Tasks& Managing Security.

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IBeON INFOTECH™

Telephone: +91-80-65335559
Email: info@ibeoninfotech.in
Website: www.ibeoninfotech.in

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.VAMSHI** Bearing Reg.No **20Q61A0502** is participated

in **"SNOWFLAKE CONTINOUS DATA PIPELINES"** course conducted at the **Avanthi**

Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in

Association with **'IBeON INFOTECH'** from **19/09/2022** to **24/09/2022**.

S. Raghu
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Ranga Reddy Dist, Telangana.

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Website: www.ibeoninfotech.in

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.PAVANI** Bearing Reg.No **20Q61A0531** is participated

in **"SNOWFLAKE CONTINOUS DATA PIPELINES"** course conducted at the **Avanthi**

Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in

Association with **'IBeON INFOTECH'** from **19/09/2022** to **24/09/2022**.

S. Raghu

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/02   **Date: 10-10-2022**

CIRCULAR

This is to inform all the III.B. Tech CSE students that, the Department organizing a Value Added Course on **"Cyber Security-Essentials Security Skills"**. Department Advisory Committee has been identified. **Dr.Abdul Ahmad Afroz, Associate Professor, Department of CSE**. As a resource person for this course. The course is scheduled to run for 06 days from 17-10-2022 to 22-10-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

HOD

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Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice board

III B. Tech CSE students

Dept. file

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ABOUT THE COURSE

This cybersecurity essentials course will teach you how to stay safe online and protect organizations from cyber threats. Topics covered include: Recognizing what needs to be protected. Ransomware and Phishing attacks.

COURSE OBJECTIVES

- Exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an organization.
- Practice with an expertise in academics to design and implement security solutions.
- Understand key terms and concepts in Cryptography, Governance and Compliance.
- Develop cyber security strategies and policies
- Understand principles of web security and to guarantee a secure network by monitoring and analysing the nature of attacks through cyber/computer forensics software/tools.

EXPECTED OUTCOMES

- Analyze and evaluate the cyber security needs of an organization.
- Measure the performance and troubleshoot cyber security systems.
- Implement cyber security solutions and use of cyber security.
- Design and develop security architecture for an organization.
- Design operational and strategic cyber security strategies and policies

Resource Person
**Dr.Abdul Ahad Afroz**
Associate Professor
Department of CSE

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Guntihapally (V), Abdullapurmet (Mdl) R.R Dt.

Co-ordinator
Mrs.A.Sravani
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:15th OCT,2022

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ECE,CSE&EEE UG Programmes are Accredited by NBA
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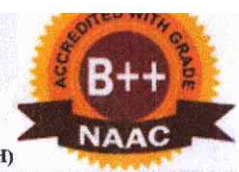
ADD-ON COURSE ON

"CYBER SECURITY-ESSENTIALS SECURITY SKILLS"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: CYBER SECURITY-ESSENTIALS SECURITY SKILLS
VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. Tech III YEAR-II SEM

Course Objectives:

- Exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an organization.
- Practice with an expertise in academics to design and implement security solutions.
- Understand key terms and concepts in Cryptography, Governance and Compliance.
- Develop cyber security strategies and policies
- Understand principles of web security and to guarantee a secure network by monitoring and analyzing the nature of attacks through cyber/computer forensics software/tools.

Course Outcomes:

- Analyze and evaluate the cyber security needs of an organization.
- Measure the performance and troubleshoot cyber security systems.
- Implement cyber security solutions and use of cyber security.
- Design and develop security architecture for an organization.
- Design operational and strategic cyber security strategies and policies.

Module-I: Introduction to the subject and the Cisco Packet Tracer tool. The need for Cyber security. Presentations on Cyber security The Cyber security Cube.

Module-II: Cyber security Threats, Vulnerabilities, and Attacks. Communicating in a Cyber World.

Module-III: The Art of Protecting Secrets. The Art of Ensuring Integrity.

Module-IV: The Five Nines Concept. Protecting a Cyber security, Domain.

Module-V: Server Firewalls and Router ACLs. Becoming a Cyber security Specialist. Detecting Threats and Vulnerabilities.

TEXT BOOK:

1. Cyber Security-Essentials Security Michael Sikorski

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: III YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Cyber Security-Essentials Security Skills	BREAK	Cyber Security-Essentials Security Skills	LUNCH	Cyber Security-Essentials Security Skills	BREAK	Cyber Security-Essentials Security Skills
TUE							
WED							
THU							
FRI							
SAT							

CLASS: III YEAR-I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Cyber Security-Essentials Security Skills	BREAK	Cyber Security-Essentials Security Skills	LUNCH	Cyber Security-Essentials Security Skills	BREAK	Cyber Security-Essentials Security Skills
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: CYBER SECURITY-ESSENTIALS SECURITY SKILLS

ACADEMIC YEAR: 2022-2023　　　　　　　　　　**Date: 10-10-2022**

B. Tech III YEAR-II SEM　　　　　　　　**DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	17-10-2022	Introduction to the subject and the Cisco Packet Tracer tool. The need for Cyber security	09:30 am to 04:00 pm	6 hour
2	18-10-2022	Presentations on Cyber security The Cyber security Cube.	09:30 am to 04:00 pm	6 hour
3	19-10-2022	Cyber security Threats, Vulnerabilities.	09:30 am to 04:00 pm	6 hour
4	20-10-2022	The Art of Protecting Secrets. The Art of Ensuring Integrity	09:30 am to 04:00 pm	6 hour
5	21-10-2022	The Five Nines Concept. Protecting a Cyber security Domain	09:30 am to 04:00 pm	6 hour
6	22-10-2022	Server Firewalls and Router ACLs. Becoming a Cyber security Specialist. Detecting Threats and Vulnerabilities.	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

A.Sravani

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: CYBER SECURITY-ESSENTIALS
SECURITY SKILLS

III YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	20Q61A0546	B Sarvari Bharadwaj
2	20Q61A0547	Bandi Chandana Goud
3	20Q61A0548	Botuka Siddartha
4	20Q61A0549	Bushipaka Karthik
5	20Q61A0550	Shetkar Harshitha Patil
6	20Q61A0551	Chinreddy Rakesh Reddy
7	20Q61A0552	Dosai Revanth
8	20Q61A0553	Etikala Upendar Reddy
9	20Q61A0554	G V Bhavana
10	20Q61A0555	Gaddam Krishnateja
11	20Q61A0556	Janagari Srithan Reddy
12	20Q61A0557	Kethireddy Harshitha
13	20Q61A0558	Kompelli Jalandhar
14	20Q61A0559	Kongari Sharath Chandra
15	20Q61A0560	Kotha Likith Sai Reddy
16	20Q61A0561	Naluparaju Mahesh
17	20Q61A0562	Nelli Varshitha
18	20Q61A0563	Pandla Madhu Kumar Goud
19	20Q61A0564	Peddinti Sai Krishna
20	20Q61A0565	Pothula Varsha
21	20Q61A0566	Puttapati Shashi Kumar Reddy
22	20Q61A0567	Ramagiri Nithin Rao
23	20Q61A0568	Ramavath Pavan Naik
24	20Q61A0569	Rathod Ameen
25	20Q61A0570	Ravella Anuja
26	20Q61A0571	S Rajesh Gupta
27	20Q61A0572	Sai Vivek Matte
28	20Q61A0573	Shende Harikrishna
29	20Q61A0574	Shiva Kumar Vanam
30	20Q61A0575	Sourav Shukla
31	20Q61A0576	Suryawanshi Sachin
32	20Q61A0577	Syed Musharraf Uddin
33	20Q61A0578	T Narsimulu
34	20Q61A0579	Thirumala Nagaraju

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35	20Q61A0580	Thota Lohitha
36	20Q61A0581	Tirumala Abhiramachary
37	20Q61A0582	Tirumareddy Ajitesh Reddy
38	20Q61A0583	Tudimilla Sravanthi
39	20Q61A0584	Utkam Sahasra
40	20Q61A0585	Vadlakonda Manideep
41	20Q61A0586	Vavilapalli Bhuvanesh
42	20Q61A0587	Velpula Rajesh
43	20Q61A0588	Lankela Uday Kiran Reddy
44	20Q61A0589	Madireddy Ajay Reddy
45	20Q61A0590	Mahammad Shennu

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The Students of III-Year B.Tech Certificate Program Attending "Cyber Security- Essentials Security Skills" By The Resource Person "Dr.Abdul Ahmad Afroz, Associate Professor".

A. Sravani
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CO ORDINATOR
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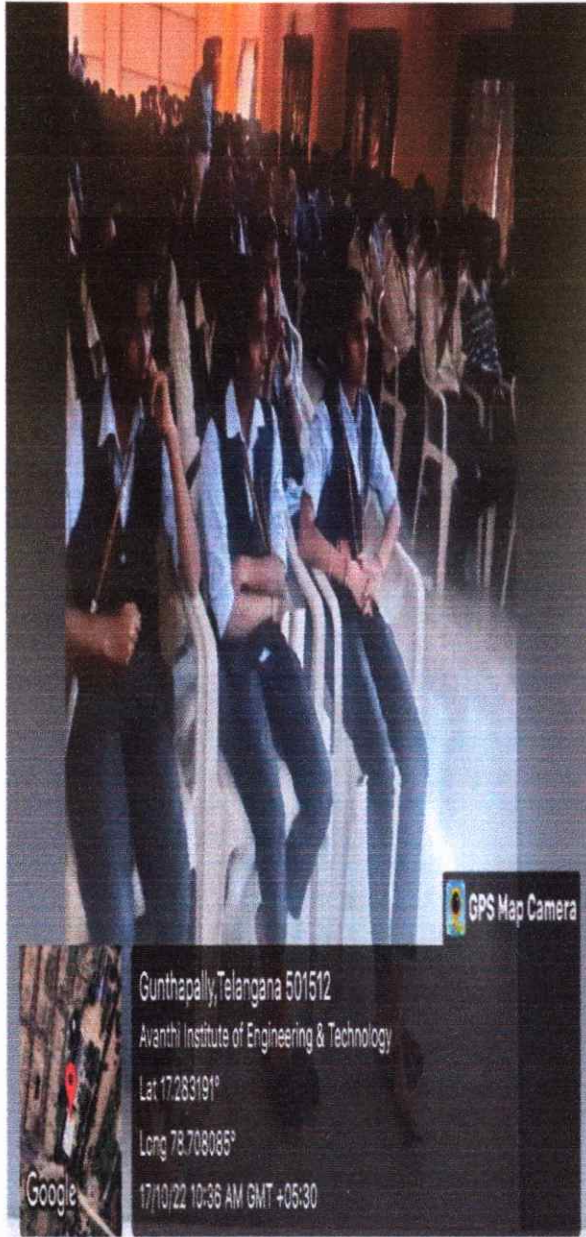## Avanthi Institute of Engineering and Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:CYBER SECURITY-ESSENTIALS
SECURITY SKILLS

IIIYEAR I–SEM   **A.Y 2022-2023**   **Date: 10-10-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	17.10.22	18.10.22	19.10.22	20.10.22	21.10.22	22.10.22
1	20Q61A0546	B Sarvari Bharadwaj	P	P	P	P	P	P
2	20Q61A0547	Bandi Chandana Goud	P	P	P	P	P	P
3	20Q61A0548	Botuka Siddartha	P	P	P	P	P	P
4	20Q61A0549	Bushipaka Karthik	P	P	P	P	P	P
5	20Q61A0550	Shetkar Harshitha Patil	P	P	P	P	P	P
6	20Q61A0551	Chinreddy Rakesh Reddy	A	A	A	A	A	A
7	20Q61A0552	Dosai Revanth	P	P	P	P	P	P
8	20Q61A0553	Etikala Upendar Reddy	P	P	P	P	P	P
9	20Q61A0554	G V Bhavana	P	P	P	P	P	P
10	20Q61A0555	Gaddam Krishnateja	P	P	P	P	P	P
11	20Q61A0556	Janagari Srithan Reddy	P	P	P	P	P	P
12	20Q61A0557	Kethireddy Harshitha	P	P	P	P	P	P
13	20Q61A0558	Kompelli Jalandhar	P	P	P	P	P	P
14	20Q61A0559	Kongari Sharath Chandra	P	P	P	P	P	P
15	20Q61A0560	Kotha Likith Sai Reddy	P	P	P	P	P	P
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20	20Q61A0565	Pothula Varsha	P	P	P	P	P	P
21	20Q61A0566	Puttapati Shashi Kumar Reddy	P	P	P	P	P	P
22	20Q61A0567	Ramagiri Nithin Rao	A	A	A	A	A	A
23	20Q61A0568	Ramavath Pavan Naik	P	P	P	P	P	P
24	20Q61A0569	Rathod Ameen	P	P	P	P	P	P
25	20Q61A0570	Ravella Anuja	P	P	P	P	P	P
26	20Q61A0571	S Rajesh Gupta	P	P	P	P	P	P
27	20Q61A0572	Sai Vivek Matte	P	P	P	P	P	P
28	20Q61A0573	Shende Harikrishna	P	P	P	P	P	P
29	20Q61A0574	Shiva Kumar Vanam	P	P	P	P	P	P
30	20Q61A0575	Sourav Shukla	P	P	P	P	P	P
31	20Q61A0576	Suryawanshi Sachin	P	P	P	P	P	P

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32	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
33	20Q61A0578	T Narsimulu	P	P	P	P	P	P
34	20Q61A0579	Thirumala Nagaraju	P	P	P	P	P	P
35	20Q61A0580	Thota Lohitha	A	A	A	A	A	A
36	20Q61A0581	Tirumala Abhiramachary	P	P	P	P	P	P
37	20Q61A0582	Tirumareddy Ajitesh Reddy	P	P	P	P	P	P
38	20Q61A0583	Tudimilla Sravanthi	P	P	P	P	P	P
39	20Q61A0584	Utkam Sahasra	P	P	P	P	P	P
40	20Q61A0585	Vadlakonda Manideep	P	P	P	P	P	P
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42	20Q61A0587	Velpula Rajesh	A	A	A	A	A	A
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44	20Q61A0589	Madireddy Ajay Reddy	P	P	P	P	P	P
45	20Q61A0590	Mahammad Shennu	P	P	P	P	P	P

A. Sravani

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **CYBER SECURITY-ESSENTIALS SECURITY SKILLS**

III YEAR I–SEM   **A.Y 2022-2023**   **Date: 17-10-2022 to 22-10-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0546	B Sarvari Bharadwaj	36	100
2	20Q61A0547	Bandi Chandana Goud	36	100
3	20Q61A0548	Botuka Siddartha	36	100
4	20Q61A0549	Bushipaka Karthik	36	100
5	20Q61A0550	Shetkar Harshitha Patil	36	100
6	20Q61A0551	Chinreddy Rakesh Reddy	0	0
7	20Q61A0552	Dosai Revanth	36	100
8	20Q61A0553	Etikala Upendar Reddy	36	100
9	20Q61A0554	G V Bhavana	36	100
10	20Q61A0555	Gaddam Krishnateja	36	100
11	20Q61A0556	Janagari Srithan Reddy	36	100
12	20Q61A0557	Kethireddy Harshitha	36	100
13	20Q61A0558	Kompelli Jalandhar	36	100
14	20Q61A0559	Kongari Sharath Chandra	36	100
15	20Q61A0560	Kotha Likith Sai Reddy	36	100
16	20Q61A0561	Naluparaju Mahesh	36	100
17	20Q61A0562	Nelli Varshitha	36	100
18	20Q61A0563	Pandla Madhu Kumar Goud	36	100
19	20Q61A0564	Peddinti Sai Krishna	36	100
20	20Q61A0565	Pothula Varsha	36	100
21	20Q61A0566	Puttapati Shashi Kumar Reddy	36	100
22	20Q61A0567	Ramagiri Nithin Rao	0	0
23	20Q61A0568	Ramavath Pavan Naik	36	100
24	20Q61A0569	Rathod Ameen	36	0
25	20Q61A0570	Ravella Anuja	36	100
26	20Q61A0571	S Rajesh Gupta	36	100
27	20Q61A0572	Sai Vivek Matte	36	100
28	20Q61A0573	Shende Harikrishna	36	100
29	20Q61A0574	Shiva Kumar Vanam	36	100
30	20Q61A0575	Sourav Shukla	36	100
31	20Q61A0576	Suryawanshi Sachin	36	100
32	20Q61A0577	Syed Musharraf Uddin	36	100
33	20Q61A0578	T Narsimulu	36	100

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34	20Q61A0579	Thirumala Nagaraju	36	100
35	20Q61A0580	Thota Lohitha	0	0
36	20Q61A0581	Tirumala Abhiramachary	36	100
37	20Q61A0582	Tirumareddy Ajitesh Reddy	36	100
38	20Q61A0583	Tudimilla Sravanthi	36	100
39	20Q61A0584	Utkam Sahasra	36	100
40	20Q61A0585	Vadlakonda Manideep	36	100
41	20Q61A0586	Vavilapalli Bhuvanesh	36	100
42	20Q61A0587	Velpula Rajesh	0	0
43	20Q61A0588	Lankela Uday Kiran Reddy	36	100
44	20Q61A0589	Madireddy Ajay Reddy	36	100
45	20Q61A0590	Mahammad Shennu	36	100

A.Sravani
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 25-10-2022

COURSE REPORT

Name of The Value added course: Cyber Security-Essentials Security Skills
Day/Duration: 36 Hours
Time: 09:30 am to 04:00 pm
Resource Person: Dr.Abdul Ahad Afroz,Associate Professor.
Name of the Coordinator: Mrs.A.Sravani, Assistant Professor.
Number of the Participants: 41
Topics covered: The following topics covered in this program

- Introduction to the subject and the Cisco Packet Tracer
- Cyber security Threats, Vulnerabilities.
- The Art of Protecting Secrets. The Art of Ensuring Integrity.
- The Five Nines Concept
- Server Firewalls and Router ACLs.

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **U.SAHASRA** Bearing roll number **20Q61A0584** from

the department of **Computer Science and Engineering** completed the value added

course on **"CYBER SECURITY-ESSENTIALS SECURITY SKILLS"** During the year

2022-23.

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Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Head of The Department
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Ranga Reddy District.

A. Sravani
Co-Ordinator
Avanthi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.

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Principal
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.SIDDARTHA** Bearing roll number **20Q61A0548**

from the department of **Computer Science and Engineering** completed the value added

course on **"CYBER SECURITY-ESSENTIALS SECURITY SKILLS"** During the year

2022-23.

Head of the Department
Computer Science & Engineering
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Head of The Department Abdullapur Met (Mdl),
Ranga Reddy District.

A.Stavani

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/CIR/2022-23/I/03   **Date: 27-10-2022**

CIRCULAR

This is to inform all the III B.Tech & II.M.Tech CSE students that, the Department organizing a Value Added Course on **"Power BI Developer".** The course is scheduled to run for 06 days from 31-10-2022 to 05-11-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.M.Kondal Reddy with MANAC InfoTech (P) Ltd

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      IQAC

      Notice Board

      III B.Tech & II.M.Tech students

      Dept. file

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ABOUT THE COURSE

A Power BI Developer takes complete responsibility of the development and administration of BI tools. Power BI Developers roles and responsibility includes transforming raw data to valuable and meaningful insights in the form of appealing dashboards and reports.

COURSE OBJECTIVES

- Identify the primary components of the Power BI interface: reports, data, and model views
- Import Excel data and build basic visuals
- Publish a desktop report to the Power BI Service
- Identify common challenges in Power BI data models, implement smart solutions, and avoid common mistakes

EXPECTED OUTCOMES

- Understand Power BI concepts like Microsoft Power BI desktop layouts, BI reports, dashboards, and Power BI DAX commands and functions.
- Gain a competitive edge in creating customized visuals and deliver a reliable analysis of vast amount of data using Power BI.
- Learn how to experiment, fix, prepare and present data quickly and easily.
- Create a sales analysis report and a project management report.
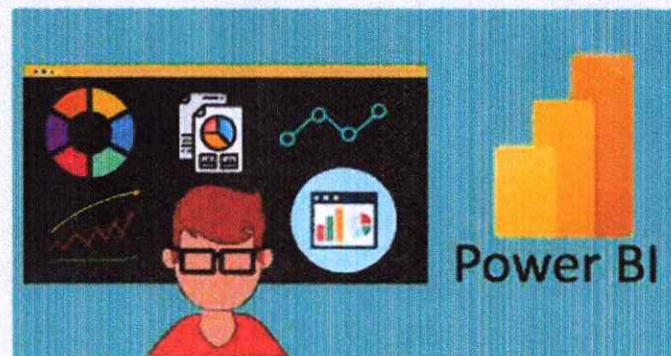- Form relationships in your data model and learn data visualization best practices.

Resource Person	Co-ordinator
Mr.M.Kondal Reddy	Mrs.B.Jainabbi
Centre Manager	Assistant Professor
MANAC Info Tech Pvt Ltd	Department of CSE

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VALUE ADDED COURSE ON

"POWER BI DEVELOPER"

31st OCT to 05th NOV 2022

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
VALUE ADDED COURSE NAME: **POWER BI DEVELOPER**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

III B.Tech & II.M.Tech-I SEM

Course Obejective:

- Identify the primary components of the Power BI interface: reports, data, and model views
- Import Excel data and build basic visuals
- Publish a desktop report to the Power BI Service
- Identify common challenges in Power BI data models, implement smart solutions, and avoid common mistakes.

Course Outcome:

- Understand Power BI concepts like Microsoft Power BI desktop layouts, BI reports, dashboards, and Power BI DAX commands and functions.
- Gain a competitive edge in creating customized visuals and deliver a reliable analysis of vast amount of data using Power BI.
- Learn how to experiment, fix, prepare and present data quickly and easily.
- Create a sales analysis report and a project management report.
- Form relationships in your data model and learn data visualization best practices.

UNIT-I: INTRODUCTION TO POWER BI: Need, Importance Power BI - Advantages and Scalable Options History - Power View, Power Query, Power Pivot Power BI Data Source Library and DW Files Cloud Collaboration and Usage Scope Business Analyst Tools, MS Cloud Tools Power BI Installation and Cloud Account Power BI Cloud and Power BI Service Power BI Architecture and Data Access On Premise Data Access and Microsoft On Drive Power BI Desktop - Installation, Usage Sample Reports and Visualization Controls Power BI Cloud Account Configuration Understanding Desktop& Mobile Editions Report Rendering Options and End User Access Power View and Power Map. Power BI Licenses Course Plan - Power BI Online Training.

UNIT-II: CREATING POWER BI REPORTS, AUTO FILTERS: Report Design with Legacy & .DAT Files Report Design with Database Tables Understanding Power BI Report Designer Report Canvas, Report Pages: Creation, Renames Report Visuals, Fields and UI Options Experimenting Visual Interactions, Advantages Reports with Multiple Pages and Advantages Pages with Multiple Visualizations. Data Access PUBLISHES Options and Report Verification in Cloud.

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UNIT-III: CHART AND MAP REPORT PROPERTIES: chart report types and properties stacked bar chart, stacked column chart clustered bar chart, clustered column chart 100% stacked bar chart, 100% stacked column chart line charts, area charts, stacked area charts line and stacked row charts line and stacked column charts waterfall chart, scatter chart, pie chart Field Properties: Axis, Legend, Value, Tooltip Field Properties: Color Saturation, Filters Types Formats: Legend, Axis, Data Labels, Plot Area Data Labels: Visibility, Color and Display Units Data Labels: Precision, Position, Text Options

UNIT - IV: HIERARCHIES and DRILLDOWN REPORTS: Hierarchies and Drilldown Options Hierarchy Levels and Drill Modes - Usage Drill-thru Options with Tree Map and Pie Chart   Higher Levels and Next Level Navigation Options Aggregates with Bottom/Up Navigations. Rules Multi Field Aggregations and Hierarchies in Power BI DRILLDOWN, SHOWNEXTLEVEL, and EXPANDTONEXTLEVEL SEE DATA and SEE RECORDS Options. Differences Toggle Options with Tabular Data. Filters Drilldown Buttons and Mouse Hover Options @ Visuals Dependant Aggregations, Independent Aggregations Automated

UNIT - V: POWER QUERY & M LANGUAGE: Understanding Power Query Editor - Options Power BI Interface and Query / Dataset Edit Working with Empty Tables and Load / Edits Empty Table Names and Header Row Promotions Undo Headers Options. Blank Columns Detection Data Imports and Query Marking in Query Editor JSON Files& Binary Formats with Power Query JavaScript Object Notation - Usage with M Lang. Applied Steps and Usage Options. Revert Options creating Query Groups and Query References. Usage Query Rename, Load Enable and Data Refresh Options Combine Queries - Merge Join and Anti-Join Options Combine Queries - Union and Union All as New Dataset M Language : Nested Join and Join Kind Functions Column Splits and Filled Up / Filled Down Options Query Hide and Change Type Options. Code Generation.

TEXT BOOKS:

1. Power BI -Dr. Tarandeep Kaur

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: III YEAR-I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer
TUE	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer
WED	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer
THU	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer
FRI	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer
SAT	Power BI Developer	BREAK	Power BI Developer	LUNCH	Power BI Developer	BREAK	Power BI Developer

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: POWER BI DEVELOPER

ACADEMIC YEAR: 2022-2023   **Date: 27-10-2022**

III B.Tech & II.M.Tech-I SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	31-10-2022	Need, Importance Power BI - Advantages and Scalable Options History - Power View, Power Query.	09:30 am to 04:00 pm	6 hour
2	01-11-2022	Report Design with Legacy & .DAT Files Report Design with Database Tables Understanding Power BI Report.	09:30 am to 04:00 pm	6 hour
3	02-11-2022	chart report types and properties stacked bar chart, stacked column chart clustered bar chart, clustered column chart .	09:30 am to 04:00 pm	6 hour
4	03-11-2022	Hierarchies and Drilldown Options Hierarchy Levels and Drill Modes - Usage Drill-thru Options with Tree Map and Pie Chart .	09:30 am to 04:00 pm	6 hour
5	04-11-2022	Understanding Power Query Editor - Options Power BI Interface and Query / Dataset Edit Working with Empty Tables.	09:30 am to 04:00 pm	6 hour
6	05-11-2022	REPLACE, REMOVE ROWS, REMOVE COL, BLANK - M Lang Column Splits and Filled Up / Filled Down Options Query Hide.	09:30 am to 04:00 pm	6 hour
			Total :36 Hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **POWER BI DEVELOPER**

III B.TECH&II.M.TECH-I SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	20Q61A0591	Malreddy Adithya
2	20Q61A0592	MandugulaSadhwika
3	20Q61A0593	Minukuri Sai Prakash Reddy
4	20Q61A0594	Miyapuram Raja Vikas
5	20Q61A0595	Patibandla Chaitanya
6	20Q61A0596	Puli Hari Krishna
7	20Q61A0597	Singireddy Mahalaxmi
8	20Q61A0598	Singireddy Ruthish Reddy
9	20Q61A0599	Somagani Navya
10	20Q61A05A0	VankojuPurnanandha
11	20Q61A05A1	Yasa Mahesh Reddy
12	20Q61A05A2	Gajaula Venkatesh-
13	20Q61A05A3	Padala Abhilash
14	21Q65A0501	B Srikanth
15	21Q65A0502	Bollampalli Madhu
16	21Q65A0503	Donthula Harish
17	21Q65A0504	Gorati Yamini
18	21Q65A0505	Goroju Upendra Chary
19	21Q65A0506	Kirthi Harshith
20	21Q65A0507	Lakshetti Manideep
21	21Q65A0508	M Chanakya
22	21Q65A0509	Marri Sravankumar
23	21Q65A0510	Mekala Srinath
24	21Q65A0511	R Sunil
25	21Q65A0512	Shyamala Lakshmi Prasanna
26	21Q65A0513	Thouti Suvarchala Datri
27	21Q65A0514	Dantapally Sai Krishna Reddy
28	21Q65A0515	Dornala Deekshith
29	21Q65A0516	Katkuri Rajesh
30	21Q65A0517	Ramya Sri Sai Kanumolu
31	21Q61D5801	Ajja Anjali
32	21Q61D5802	Chandrika Rangapuram
33	21Q61D5803	Lingala Kavya Sri
34	21Q61D5804	Mallam Soundarya Lahari

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35	21Q61D5805	Mir Irfan Ali
36	21Q61D5806	Mohammad Muheba
37	21Q61D5807	Reddy Naveena
38	21Q61D5808	Sai Kishore
39	21Q61D5809	T Mahesh
40	21Q61D5810	Gurrala Sri Kanya
41	21Q61D5811	Kompalli Nikitha
42	21Q61D5812	Pattipaka Harika
43	21Q61D5813	Sagar Maram
44	21Q61D5814	V Sowjanya

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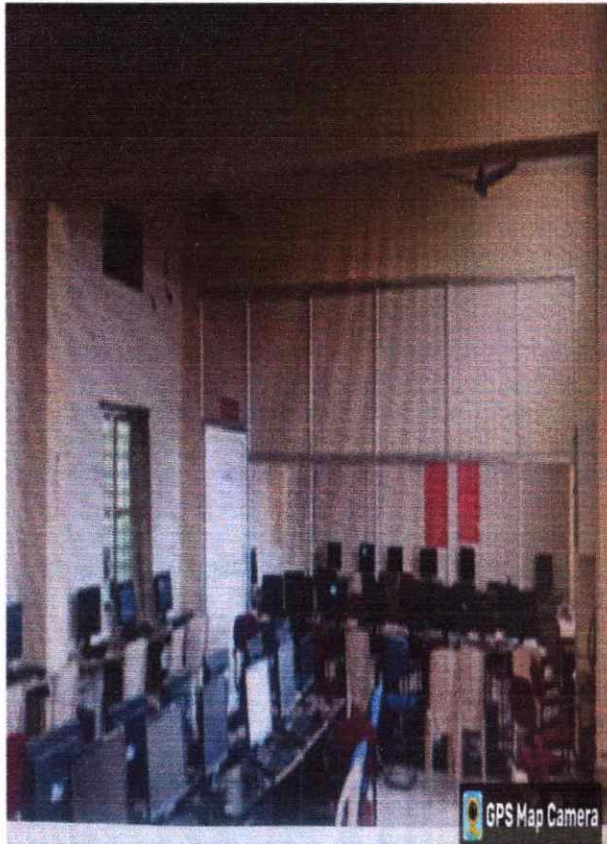Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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The students of III-Year B.Tech certificate program attending "Power Bi Developer" by the resource person "Mr.M.Kondal Reddy" by 'MANAC Info Tech (P) Ltd'

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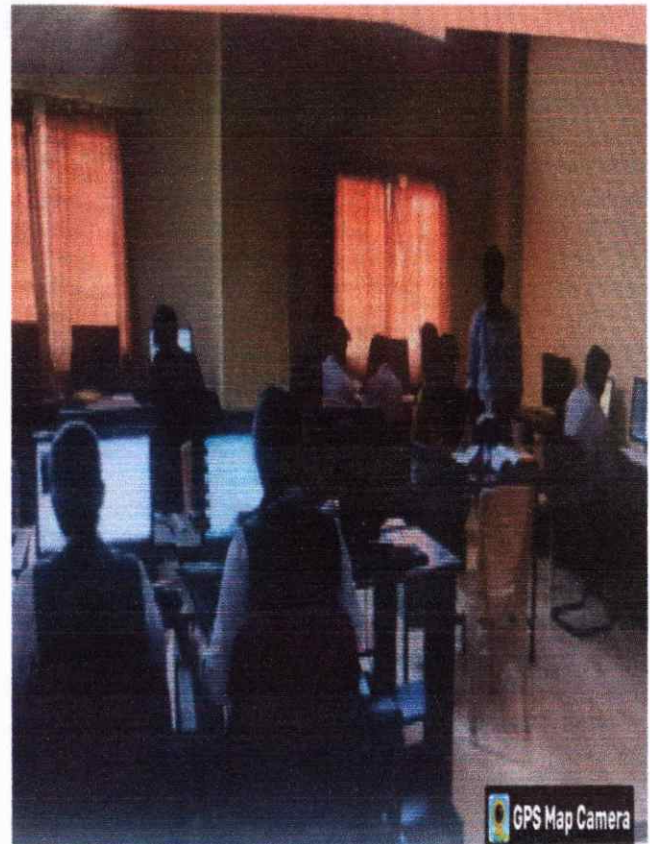
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:POWER BI DEVELOPER

III B.Tech&II.M.Tech-I SEM   **A.Y 2022-2023**   **Date: 27-10-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	31.10.22	01.11.22	02.11.22	03.11.22	04.11.22	05.11.22
1	20Q61A0591	Malreddy Adithya	P	P	P	P	P	P
2	20Q61A0592	MandugulaSadhwika	P	P	P	P	P	P
3	20Q61A0593	Minukuri Sai Prakash Reddy	P	P	P	P	P	P
4	20Q61A0594	Miyapuram Raja Vikas	P	P	P	P	P	P
5	20Q61A0595	Patibandla Chaitanya	P	P	P	P	P	P
6	20Q61A0596	Puli Hari Krishna	P	P	P	P	P	P
7	20Q61A0597	Singireddy Mahalaxmi	P	P	P	P	P	P
8	20Q61A0598	Singireddy Ruthish Reddy	P	P	P	P	P	P
9	20Q61A0599	Somagani Navya	P	P	P	P	P	P
10	20Q61A05A0	VankojuPurnanandha	P	P	P	P	P	P
11	20Q61A05A1	Yasa Mahesh Reddy	P	P	P	P	P	P
12	20Q61A05A2	Gajaula Venkatesh-	P	P	P	P	P	P
13	20Q61A05A3	Padala Abhilash	P	P	P	P	P	P
14	21Q65A0501	B Srikanth	P	P	P	P	P	P
15	21Q65A0502	Bollampalli Madhu	A	A	A	A	A	A
16	21Q65A0503	Donthula Harish	P	P	P	P	P	P
17	21Q65A0504	Gorati Yamini	P	P	P	P	P	P
18	21Q65A0505	Goroju Upendra Chary	P	P	P	P	P	P
19	21Q65A0506	Kirthi Harshith	P	P	P	P	P	P
20	21Q65A0507	Lakshetti Manideep	P	P	P	P	P	P
21	21Q65A0508	M Chanakya	P	P	P	P	P	P
22	21Q65A0509	Marri Sravankumar	P	P	P	P	P	P
23	21Q65A0510	Mekala Srinath	P	P	P	P	P	P
24	21Q65A0511	R Sunil	P	P	P	P	P	P
25	21Q65A0512	Shyamala Lakshmi Prasanna	P	P	P	P	P	P
26	21Q65A0513	Thouti Suvarchala Datri	P	P	P	P	P	P
27	21Q65A0514	Dantapally Sai Krishna Reddy	P	P	P	P	P	P
28	21Q65A0515	Dornala Deekshith	P	P	P	P	P	P
29	21Q65A0516	Katkuri Rajesh	P	P	P	P	P	P
30	21Q65A0517	Ramya Sri Sai Kanumolu	P	P	P	P	P	P
31	21Q61D5801	Ajja Anjali	P	P	P	P	P	P

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32	21Q61D5802	Chandrika Rangapuram	P	P	P	P	P	P
33	21Q61D5803	Lingala Kavya Sri	P	P	P	P	P	P
34	21Q61D5804	Mallam Soundarya Lahari	P	P	P	P	P	P
35	21Q61D5805	Mir Irfan Ali	P	P	P	P	P	P
36	21Q61D5806	Mohammad Muheba	P	P	P	P	P	P
37	21Q61D5807	Reddy Naveena	P	P	P	P	P	P
38	21Q61D5808	Sai Kishore	P	P	P	P	P	P
39	21Q61D5809	T Mahesh	P	P	P	P	P	P
40	21Q61D5810	Gurrala Sri Kanya	A	A	A	A	A	A
41	21Q61D5811	Kompalli Nikitha	P	P	P	P	P	P
42	21Q61D5812	Pattipaka Harika	P	P	P	P	P	P
43	21Q61D5813	Sagar Maram	P	P	P	P	P	P
44	21Q61D5814	V Sowjanya	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **POWER BI DEVELOPER**

III B.TECH&II.M.TECH-I SEM   **A.Y 2022-2023**   **Date: 31-10-2022 to 05-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0591	Malreddy Adithya	36	100
2	20Q61A0592	MandugulaSadhwika	36	100
3	20Q61A0593	Minukuri Sai Prakash Reddy	36	100
4	20Q61A0594	Miyapuram Raja Vikas	36	100
5	20Q61A0595	Patibandla Chaitanya	36	100
6	20Q61A0596	Puli Hari Krishna	36	100
7	20Q61A0597	Singireddy Mahalaxmi	36	100
8	20Q61A0598	Singireddy Ruthish Reddy	36	100
9	20Q61A0599	Somagani Navya	36	100
10	20Q61A05A0	VankojuPurnanandha	36	100
11	20Q61A05A1	Yasa Mahesh Reddy	36	100
12	20Q61A05A2	Gajaula Venkatesh-	36	100
13	20Q61A05A3	Padala Abhilash	36	100
14	21Q65A0501	B Srikanth	36	100
15	21Q65A0502	Bollampalli Madhu	0	0
16	21Q65A0503	Donthula Harish	36	100
17	21Q65A0504	Gorati Yamini	36	100
18	21Q65A0505	Goroju Upendra Chary	36	100
19	21Q65A0506	Kirthi Harshith	36	100
20	21Q65A0507	Lakshetti Manideep	36	100
21	21Q65A0508	M Chanakya	36	100
22	21Q65A0509	Marri Sravankumar	36	100
23	21Q65A0510	Mekala Srinath	36	100
24	21Q65A0511	R Sunil	36	100
25	21Q65A0512	Shyamala Lakshmi Prasanna	36	100
26	21Q65A0513	Thouti Suvarchala Datri	36	100
27	21Q65A0514	Dantapally Sai Krishna Reddy	36	100
28	21Q65A0515	Dornala Deekshith	36	100
29	21Q65A0516	Katkuri Rajesh	36	100
30	21Q65A0517	Ramya Sri Sai Kanumolu	36	100
31	21Q61D5801	Ajja Anjali	36	100
32	21Q61D5802	Chandrika Rangapuram	36	100
33	21Q61D5803	Lingala Kavya Sri	36	100
34	21Q61D5804	Mallam Soundarya Lahari	36	100

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35	21Q61D5805	Mir Irfan Ali	36	100
36	21Q61D5806	Mohammad Muheba	36	100
37	21Q61D5807	Reddy Naveena	36	100
38	21Q61D5808	Sai Kishore	36	100
39	21Q61D5809	T Mahesh	36	100
40	21Q61D5810	Gurrala Sri Kanya	0	0
41	21Q61D5811	Kompalli Nikitha	36	100
42	21Q61D5812	Pattipaka Harika	36	100
43	21Q61D5813	Sagar Maram	36	100
44	21Q61D5814	V Sowjanya	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-11-2022

COURSE REPORT

Name of the Value added course: Power Bi Developer

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.M.Kondal Reddy, Centre Manager, MANAC InfoTech (P) Ltd

Name of the Coordinator: Mrs.B.Jainabbi, Assistant Professor.

Number of the Participants: 42

Topics covered: The following topics covered in this program

- ➢ Introduction To Power Bi
- ➢ Creating Power Bi Reports, Auto Filters
- ➢ Chart And Map Report Properties.
- ➢ Hierarchies and Drilldown Reports.
- ➢ Power Query & M Language.

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Ranga Reddy District.

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Avanthi Institute of Engineering and Technology

MANAC
Infotech (P) Limited

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **T.MAHESH** Bearing Reg.No **21Q6D5809**

is participated in **"POWER BI DEVELOPER"** course conducted at the **Avanthi**

Institute of Engineering & Technology, Gunthapally, Abdullapurmet,

Rangareddy, in Association with **MANAC Infotech(P) Ltd** from **31/10/2022** to

05/11/2022.

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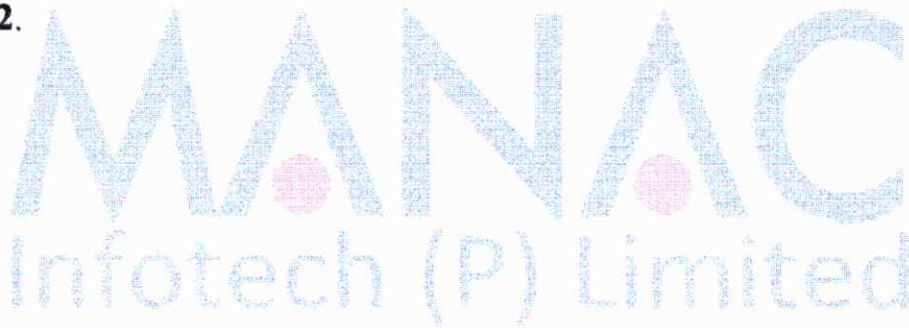Ranga Reddy Dist, Telangana.

CenterManager

AcademicDirector

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District, Telangana.

MANAC
Infotech (P) Limited

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **R.SUNIL** Bearing Reg.No **21Q65A0511** is

participated in **"POWER BI DEVELOPER"** course conducted at the **Avanthi**

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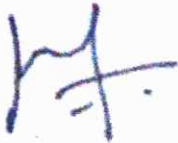Ranga Reddy Dist. Telangana.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/CIR/2022-23/I/04   **Date: 01-12-2022**

CIRCULAR

This is to inform all the II B.Tech CSE students that, the Department organizing a Value Added Course on **"Soft Computing Methodologies"**. Department Advisory Committee has been identified. **Dr.M.Prasad Rao, Assistant Professor, Department of CSE**. As a resource person for this course. The course is scheduled to run for 06 days from 05-12-2022 to 10-12-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

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Copy to:

    The principal, for kind information

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    Notice Board

    II.B. Tech CSE students

    Dept. file

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ABOUT THE COURSE

Soft computing is an emerging approach to computing which parallel the remarkable ability of the human mind to reason and learn in an environment of uncertainty and imprecision. Soft computing is based on some biological inspired methodologies such as genetics, evolution, ant's behaviors, particles swarming, human nervous systems, etc. Now, soft computing is the only solution when we don't have any mathematical modeling of problem solving (i.e., algorithm), need a solution to a complex problem in real time, easy to adapt with changed scenario and can be implemented with parallel computing.

COURSE OBJECTIVES

- Soft computing concepts like fuzzy logic, neural networks and genetic algorithm, where Artificial Intelligence is mother branch of all.
- All these techniques will be more effective to solve the problem efficiently

EXPECTED OUTCOMES

- Demonstrate Fuzzy set theory
- Interpret fuzzy systems
- Apply ANN Back propagation algorithm for classification
- Apply ANN training algorithms for solving real world problems
- Explain fundamentals and operators of Genetic Algorithm.

Resource Person
Dr.M.Prasad Rao
Assistant Professor
Department of CSE

Co-ordinator
Mr.G.Balakrishna
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:03rd OCT,2022

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SOFT Computing

ADD-ON COURSE ON
"SOFT COMPUTING METHODOLOGIES"

05th TO 10th DEC,2022

DURATION OF THE COURSE 30 HRS

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ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
VALUE ADDED COURSE NAME: **SOFT COMPUTING METHODOLOGIES**
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM

Course Obejective:

- Soft computing concepts like fuzzy logic, neural networks and genetic algorithm, where Artificial Intelligence is mother branch of all.
- All these techniques will be more effective to solve the problem efficiently

Course Outcome:

- Demonstrate Fuzzy set theory.
- Interpret fuzzy systems.
- Apply ANN Back propagation algorithm for classification.
- Apply ANN training algorithms for solving real world problems.
- Explain fundamentals and operators of Genetic Algorithm.

UNIT-I:

Introduction of soft computing, soft computing vs. hard computing, various types of soft computing techniques, Fuzzy Computing, Neural Computing, Genetic Algorithms, Associative Memory, Adaptive Resonance Theory, Classification, Clustering, Bayesian Networks, Probabilistic reasoning, applications of soft computing.

UNIT-II:

Artificial Neural Network: Fundamental concept, Evolution of Neural Networks, Basic Models, McCulloh-Pitts Neuron, Linear Separability, Hebb Network. Supervised Learning Network: Perception Networks, Adaptive Linear Neuron, Multiple Adaptive Linear Neurons, Back propagation Network, Radial Basis Function, Time Delay Network, Functional Link Networks, Tree Neural Network.

UNIT-III:

Unsupervised Learning Networks: Fixed weight competitive nets, Kohonen self-organizing feature maps, learning vectors quantization, counter prorogation networks, adaptive resonance theory networks. Special Networks: Simulated annealing, Boltzmann machine, Gaussian Machine, Cauchy Machine, Probabilistic neural net, cascade correlation network, cognition network, neo-cognition network, cellular neural network, optical neural network

UNIT - IV:

Introduction to Fuzzy Logic, Classical Sets and Fuzzy sets: Classical sets, Fuzzy sets. Classical Relations and Fuzzy Relations: Cartesian product of relation, classical relation, fuzzy relations,

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tolerance and equivalence relations, non-iterative fuzzy sets. Membership Function: features of the membership functions, fuzzification, methods of membership value assignments. Defuzzification: Lambda-cuts for fuzzy sets, Lambda-cuts for fuzzy relations, Defuzzification methods. Fuzzy Arithmetic and Fuzzy measures: fuzzy arithmetic, fuzzy measures, measures of fuzziness, fuzzy integrals.

UNIT - V:

Fuzzy Rule base and Approximate reasoning: Fuzzy proportion, formation of rules, decomposition of rules, aggregation of fuzzy rules, fuzzy reasoning, fuzzy inference systems, Fuzzy logic control systems, control system design, architecture and operation of FLC system, FLC system models and applications of FLC System. Genetic Algorithm: Biological Background.

TEXT BOOKS:

1. S.Rajasekaran, G.A. Vijayalakshmi Pai, Neural Networks, fuzzy logic, and genetic algorithms - Genetic Algorithm, PHI Learning Private Limited- 2010.
2. S.N.Sivanandam, S.N.Deepa Wiley India , Principles of SOFT COMPUTING, Second Edition 2011

REFERENCE BOOKS:

1. Timothy J. Ross, "Fuzzy Logic with Engineering Applications" Wiley India.
2. Siman Haykin,"NeuralNetowrks"Prentice Hall of India.
3. Kumar Satish, "Neural Networks" Tata Mc Graw Hill

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Ranga Reddy District.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies
TUE	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies
WED	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies
THU	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies
FRI	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies
SAT	Soft Computing Methodologies	BREAK	Soft Computing Methodologies	LUNCH	Soft Computing Methodologies	BREAK	Soft Computing Methodologies

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **SOFT COMPUTING METHODOLOGIES**

ACADEMIC YEAR: 2022-2023   **Date: 01-12-2022**

B.TECH II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	05-12-2022	Introduction of soft computing, soft computing vs. hard computing.	10:00 am to 04:00 pm	5 hour
2	06-12-2022	Fundamental concept, Evolution of Neural Networks, Basic Models, McCulloh-Pitts Neuron, Linear Separability, Hebb Network.	10:00 am to 04:00 pm	5 hour
3	07-12-2022	Unsupervised Learning Networks: Fixed weight competitive nets, Kohonen self-organizing feature maps, learning vectors quantization.	10:00 am to 04:00 pm	5 hour
4	08-12-2022	Introduction to Fuzzy Logic, Classical Sets and Fuzzy sets: Classical sets, Fuzzy sets. Classical Relations.	10:00 am to 04:00 pm	5 hour
5	09-12-2022	Fuzzy proportion, formation of rules, decomposition of rules, aggregation of fuzzy rules.	10:00 am to 04:00 pm	5 hour
6	10-12-2022	Differential Evolution Algorithm, Hybrid soft computing techniques	10:00 am to 04:00 pm	5 hour
			Total :30 Hours	

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VALUE ADDED COURSE NAME: SOFT COMPUTING METHODOLOGIES

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0501	A Shivani
2	21Q61A0502	Abbadi Ranjith
3	21Q61A0503	Adhula Karthik
4	21Q61A0504	Akkinapelli Ramya
5	21Q61A0505	Angari Ravali
6	21Q61A0506	Ankathi Sandeep
7	21Q61A0507	ArupulaSaidurgaprasad
8	21Q61A0508	Attluri Satyasri
9	21Q61A0509	B Sai Teja
10	21Q61A0510	Bakkanolla Vamshi
11	21Q61A0511	Bheemani Santhosh Shyam
12	21Q61A0512	Bodige Vinay
13	21Q61A0513	Boine Lokesh
14	21Q61A0514	Bollavaram Muralidhar Reddy
15	21Q61A0515	Bommakanti Srinija
16	21Q61A0516	Bonam Kyathi Sai Srinidhi
17	21Q61A0517	Byri Sanvitha
18	21Q61A0518	Chiluveri Akash
19	21Q61A0519	Chimalakonda Harshita
20	21Q61A0520	Chippalapally Mahesh
21	21Q61A0521	D Karthik Reddy
22	21Q61A0522	Dama Ashwini
23	21Q61A0523	Dandiga Mahesh
24	21Q61A0524	Dasari Avinash
25	21Q61A0525	DharavathYakanna
26	21Q61A0526	Dornala Shiva Prasad
27	21Q61A0527	DyagaRavindher
28	21Q61A0528	Earrabothu Pradeep Reddy
29	21Q61A0529	Erramalla Srinivas
30	21Q61A0530	Gaddam Jahnavi
31	21Q61A0531	Gaddam Siddhartha
32	21Q61A0532	Gaddi Ramakrishna

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33	21Q61A0533	Gajja Vishnu Vardhan
34	21Q61A0534	Ganagani Sampath
35	21Q61A0535	Ganesh
36	21Q61A0536	Gattu Vinay Kumar
37	21Q61A0537	Rapelly Raveena
38	21Q61A0538	Avula Koushik

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The Students of II Year B.Tech certificate program attending "Soft Computing Methodologies" by the resource person "Dr.M.PrasadRao, Assistant Professor, Department of CSE".

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Ranga Reddy Dist, Telangana.

Head of the Department
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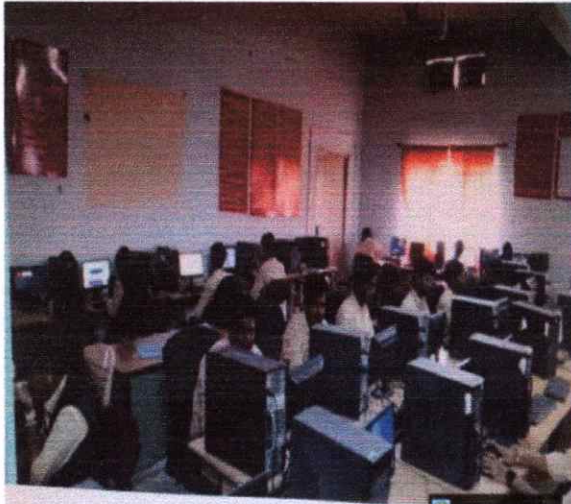Avanthi Institute of Engineering and Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:SOFT COMPUTING METHODOLOGIES

IIYEAR I–SEM　　　　　　**A.Y 2022-2023**　　　　　　**Date: 01-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	05.12.22	06.12.22	07.12.22	08.12.22	09.12.22	10.12.22
1	21Q61A0501	A Shivani	P	P	P	P	P	P
2	21Q61A0502	Abbadi Ranjith	P	P	P	P	P	P
3	21Q61A0503	Adhula Karthik	P	P	P	P	P	P
4	21Q61A0504	Akkinapelli Ramya	P	P	P	P	P	P
5	21Q61A0505	Angari Ravali	P	P	P	P	P	P
6	21Q61A0506	Ankathi Sandeep	P	P	P	P	P	P
7	21Q61A0507	ArupulaSaidurgaprasad	P	P	P	P	P	P
8	21Q61A0508	Attluri Satyasri	P	P	P	P	P	P
9	21Q61A0509	B Sai Teja	P	P	P	P	P	P
10	21Q61A0510	Bakkanolla Vamshi	P	P	P	P	P	P
11	21Q61A0511	Bheemani Santhosh Shyam	P	P	P	P	P	P
12	21Q61A0512	Bodige Vinay	P	P	P	P	P	P
13	21Q61A0513	Boine Lokesh	A	A	A	A	A	A
14	21Q61A0514	Bollavaram Muralidhar Reddy	P	P	P	P	P	P
15	21Q61A0515	Bommakanti Srinija	P	P	P	P	P	P
16	21Q61A0516	Bonam Kyathi Sai Srinidhi	P	P	P	P	P	P
17	21Q61A0517	Byri Sanvitha	P	P	P	P	P	P
18	21Q61A0518	Chiluveri Akash	P	P	P	P	P	P
19	21Q61A0519	Chimalakonda Harshita	P	P	P	P	P	P
20	21Q61A0520	Chippalapally Mahesh	P	P	P	P	P	P
21	21Q61A0521	D Karthik Reddy	P	P	P	P	P	P
22	21Q61A0522	Dama Ashwini	P	P	P	P	P	P
23	21Q61A0523	Dandiga Mahesh	P	P	P	P	P	P
24	21Q61A0524	Dasari Avinash	A	A	A	A	A	A
25	21Q61A0525	DharavathYakanna	P	P	P	P	P	P
26	21Q61A0526	Dornala Shiva Prasad	P	P	P	P	P	P
27	21Q61A0527	DyagaRavindher	P	P	P	P	P	P
28	21Q61A0528	Earrabothu Pradeep Reddy	P	P	P	P	P	P
29	21Q61A0529	Erramalla Srinivas	P	P	P	P	P	P
30	21Q61A0530	Gaddam Jahnavi	P	P	P	P	P	P

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31	21Q61A0531	Gaddam Siddhartha	P	P	P	P	P	P
32	21Q61A0532	Gaddi Ramakrishna	P	P	P	P	P	P
33	21Q61A0533	Gajja Vishnu Vardhan	P	P	P	P	P	P
34	21Q61A0534	Ganagani Sampath	P	P	P	P	P	P
35	21Q61A0535	Ganesh	P	P	P	P	P	P
36	21Q61A0536	Gattu Vinay Kumar	A	A	A	A	A	A
37	21Q61A0537	Rapelly Raveena	P	P	P	P	P	P
38	21Q61A0538	Avula Koushik	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SOFT COMPUTING METHODOLOGIES

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 05-12-2022 to 10-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0501	A Shivani	30	100
2	21Q61A0502	Abbadi Ranjith	30	100
3	21Q61A0503	Adhula Karthik	30	100
4	21Q61A0504	Akkinapelli Ramya	30	100
5	21Q61A0505	Angari Ravali	30	100
6	21Q61A0506	Ankathi Sandeep	30	100
7	21Q61A0507	ArupulaSaidurgaprasad	30	100
8	21Q61A0508	Attluri Satyasri	30	100
9	21Q61A0509	B Sai Teja	30	100
10	21Q61A0510	Bakkanolla Vamshi	30	100
11	21Q61A0511	Bheemani Santhosh Shyam	30	100
12	21Q61A0512	Bodige Vinay	30	100
13	21Q61A0513	Boine Lokesh	0	0
14	21Q61A0514	Bollavaram Muralidhar Reddy	30	100
15	21Q61A0515	Bommakanti Srinija	30	100
16	21Q61A0516	Bonam Kyathi Sai Srinidhi	30	100
17	21Q61A0517	Byri Sanvitha	30	100
18	21Q61A0518	Chiluveri Akash	30	100
19	21Q61A0519	Chimalakonda Harshita	30	100
20	21Q61A0520	Chippalapally Mahesh	30	100
21	21Q61A0521	D Karthik Reddy	30	100
22	21Q61A0522	Dama Ashwini	30	100
23	21Q61A0523	Dandiga Mahesh	30	100
24	21Q61A0524	Dasari Avinash	0	0
25	21Q61A0525	DharavathYakanna	30	100
26	21Q61A0526	Dornala Shiva Prasad	30	100
27	21Q61A0527	DyagaRavindher	30	100
28	21Q61A0528	Earrabothu Pradeep Reddy	30	100
29	21Q61A0529	Erramalla Srinivas	30	100
30	21Q61A0530	Gaddam Jahnavi	30	100
31	21Q61A0531	Gaddam Siddhartha	30	100

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32	21Q61A0532	Gaddi Ramakrishna	30	100
33	21Q61A0533	Gajja Vishnu Vardhan	30	100
34	21Q61A0534	Ganagani Sampath	30	100
35	21Q61A0535	Ganesh	30	100
36	21Q61A0536	Gattu Vinay Kumar	0	0
37	21Q61A0537	Rapelly Raveena	30	100
38	21Q61A0538	Avula Koushik	30	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 15-12-2022

COURSE REPORT

Name of the Value added course: Soft Computing Methodologies.

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.M.Prasad Rao, Assistant Professor.

Name of the Coordinator: Mr.G.Balakrishna, Assistant Professor.

Number of the Participants: 35

Topics covered: The following topics covered in this program

- ➤ Genetic Algorithms, Associative Memory, Adaptive Resonance Theory.
- ➤ Network, Radial Basis Function, Time Delay Network, Functional Link Networks,
- ➤ Fuzzy Rule base and Approximate reasoning: Fuzzy proportion
- ➤ Genetic Algorithm: Biological Background, Traditional optimization

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.SHIVANI** Bearing roll number **21Q61A0501** from the department of **Computer Science and Engineering** completed the value added course on **"SOFT COMPUTING METHODOLOGIES"** During the year **2022-23**.

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Computer Science & Engineering
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.JAHNAVI** Bearing roll number **21Q61A0530** from

the department of **Computer Science and Engineering** completed the value added

course on **"SOFT COMPUTING METHODOLOGIES"** During the year **2022-23**.

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CO ORDINATOR
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/05   Date: 15-12-2022

CIRCULAR

This is to inform all the II B.Tech CSE students that, the Department organizing a Value Added Course on **"Apache Pyspark"**. Department Advisory Committee has been identified. **Dr.Dinesh, Professor, Department of CSE**. As a resource person for this course. The course is scheduled to run for 06 days from 19-12-2022 to 24-12-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Brilliant Institute of Engineering & Technology

HOD

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

    The principal, for kind information

    IQAC

    Notice board

    II-I B. Tech CSE students

    Dept. file

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ABOUT THE COURSE

pache Spark has its architectural foundation in the resilient distributed dataset (RDD), a read-only multiset of data items distributed over a cluster of machines, that is maintained in a fault-tolerant way. The Data frame API was released as an abstraction on top of the RDD, followed by the Dataset API. In Spark 1.x, the RDD was the primary application programming interface (API), but as of Spark 2.x use of the Dataset API is encouraged even though the RDD API is not deprecated. The RDD technology still underlies the Dataset API. Spark and its RDDs were developed in 2012 in response to limitations in the MapReduce cluster computing paradigm, which forces a particular linear dataflow structure on distributed programs: MapReduce programs read input data from disk, map a function across the data, reduce the results of the map, and store reduction results on disk.

COURSE OBJECTIVES

- It enables the students to perform real-time, large-scale data processing in a distributed environment using Python.
- It also provides a PySpark shell for interactively analyzing your data.

EXPECTED OUTCOMES

- Build and interact with Spark DataFrames usi park SQL
- Read, transform, and understand data and use it to train models
- Learn how to submit your applications programmatically using spark-submit
- Deploy locally built applications to a cluster

Resource Person
Dr.Dinesh
Professor
Department of CSE,BRIET

Co-ordinator
Mr.G.Lavakumar
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:17th DEC,2022

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ADD-ON COURSE ON

"APACHE PYSPARK"

19th DEC TO 24th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **APACHE PYSPARK**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM

Course Objectives:

- Define Spark's architectural components.
- Describe how Data Frames are transformed, executed, and optimized in Spark.
- Apply the Data Frame API to explore, preprocess, join, and ingest data in Spark.
- Apply the Structured Streaming API to perform analysis on streaming data
- Use Delta Lake to improve the quality and performance of data pipelines.

UNIT 1: Introduction To The Basics Of Python: Explaining Python and highlighting its importance setting up the Python environment and discussing flow control Running Python scripts and exploring Python editors and IDEs.

UNIT 2: Sequence & File Operations: Defining reserve keywords and command-line arguments Describing flow control and sequencing Indexing and slicing Learning the xrange () function Working around dictionaries and sets Working with files.

UNIT3: Functions, Sorting, Errors & Exceptions, Regular Expressions, & Packages: Explaining functions and various forms of function arguments learning variable scope, function parameters, and lambda functions sorting using Python Exception handling Package installation Regular expressions.

UNIT 4: Python: An Oop Implementation: Using class, objects, and attributes Developing applications based on OOP Learning about classes and objects and how they function together Explaining OOPs concepts, including inheritance, encapsulation, and polymorphism, among others.

UNIT 5:Python For Spark: Functional & Object-Oriented Model: Functions Lambda functions Global variables, their scope, and returning values Standard libraries Object-oriented concepts Modules used in Python The import statement Module search path Package installation ways.

TEXT BOOK:

1.A Silberschatz, H Korth, S Sudarshan, "Pyspark", fifth Edition McGraw-Hill.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark
TUE	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark
WED	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark
THU	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark
FRI	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark
SAT	Apache Pyspark	BREAK	Apache Pyspark	LUNCH	Apache Pyspark	BREAK	Apache Pyspark

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE: APACHE PYSPARK

ACADEMIC YEAR: 2022-2023

Date: 15-12-2022

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	19-12-2022	Explaining Python and highlighting its importance Setting up the Python environment and discussing flow control.	10:00 am to 04:00 pm	5hours
2	20-12-2022	Defining reserve keywords and command-line.	10:00 am to 04:00 pm	5 hours
3	21-12-2022	Explaining functions and various forms of function arguments Learning variable scope, function parameters, and lambda functions.	10:00 am to 04:00 pm	5 hours
4	22-12-2022	Using class, objects, and attributes Developing applications based on OOP Learning about classes and objects.	10:00 am to 04:00 pm	5 hours
5	23-12-2022	Functions Lambda functions Global variables.	10:00 am to 04:00 pm	5 hours
6	24-12-2022	Object-oriented concepts Modules used in Python.	10:00 am to 04:00 pm	5 hours
			Total -30 hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: APACHE PYSPARK

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0539	Bariga Prasanna Kumar
2	21Q61A0540	Chetlapally Bhavya
3	21Q61A0541	D Uday Kumar
4	21Q61A0542	Gottimukkula Lahari
5	21Q61A0543	Aadireddy Kiran Teja
6	21Q61A0544	Akkenapally Pravin Durigaiah
7	21Q61A0545	Anugu Rohith Reddy
8	21Q61A0546	Ananya Mahapatra
9	21Q61A0547	Banda Harish Yadav
10	21Q61A0548	Barla Sri Kodanda Varma
11	21Q61A0549	Bethala Keerthi
12	21Q61A0550	Bobbali Revathi
13	21Q61A0551	Bodige Pooja
14	21Q61A0552	Chenreddy Praveen
15	21Q61A0553	Deshini Nischala Priya
16	21Q61A0554	Galipelli Alekhya
17	21Q61A0555	Mallela Deepak
18	21Q61A0556	Kajjam Sai Dileep
19	21Q61A0557	Kandhi Nithisha
20	21Q61A0558	Kodari Venkatesh
21	21Q61A0559	Kokku Harshitha
22	21Q61A0560	KokkulaJagruth
23	21Q61A0561	Gummadi Steven Paul
24	21Q61A0562	Inapanuri Rakesh
25	21Q61A0563	Jakku Akshaya
26	21Q61A0564	Jereddy Manoj Kumarreddy
27	21Q61A0565	K Anil Kumar
28	21Q61A0566	K Rahul
29	21Q61A0567	Kadathala Harika
30	21Q61A0568	Kalwacharla Alekya
31	21Q61A0569	Kanakatla Shivakumar
32	21Q61A0570	Kasarapu Rajesh

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33	21Q61A0571	Kasarla Madhu Sudhan Reddy
34	21Q61A0572	Kashamoni Nikitha
35	21Q61A0573	Keesari Vipul Reddy
36	21Q61A0574	Koli Ishika
37	21Q61A0575	Kommula Laxmi Prasanna
38	21Q61A0576	Kondapally Kavya

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The Students of II Year B.Tech Certificate Program Attending "Apache Pyspark" By Resource Person "Dr.Dinesh, Professor, BRIET"

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HOD
Avanthi Institute of Engineering & Technology
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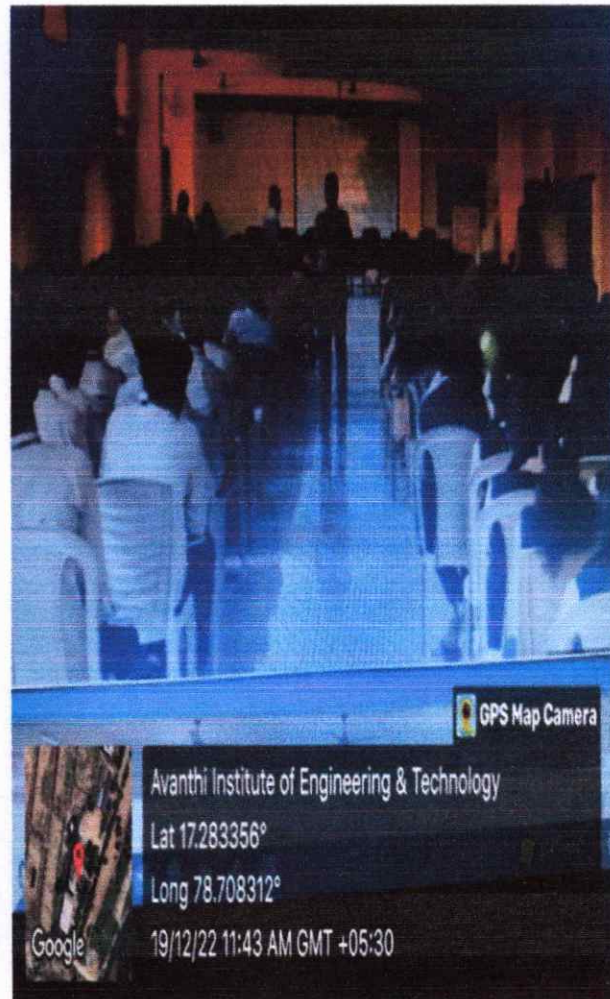
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:APACHE PYSPARK

IIYEAR I–SEM   **A.Y 2022-2023**   **Date: 15-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	19.12.22	20.12.22	21.12.22	22.12.22	23.12.22	24.12.22
1	21Q61A0539	Bariga Prasanna Kumar	A	A	A	A	A	A
2	21Q61A0540	Chetlapally Bhavya	P	P	P	P	P	P
3	21Q61A0541	D Uday Kumar	P	P	P	P	P	P
4	21Q61A0542	Gottimukkula Lahari	P	P	P	P	P	P
5	21Q61A0543	Aadireddy Kiran Teja	P	P	P	P	P	P
6	21Q61A0544	Akkenapally Pravin Durigaiah	P	P	P	P	P	P
7	21Q61A0545	Anugu Rohith Reddy	P	P	P	P	P	P
8	21Q61A0546	Ananya Mahapatra	P	P	P	P	P	P
9	21Q61A0547	Banda Harish Yadav	A	A	A	A	A	A
10	21Q61A0548	Barla Sri Kodanda Varma	P	P	P	P	P	P
11	21Q61A0549	Bethala Keerthi	P	P	P	P	P	P
12	21Q61A0550	Bobbali Revathi	P	P	P	P	P	P
13	21Q61A0551	Bodige Pooja	P	P	P	P	P	P
14	21Q61A0552	Chenreddy Praveen	P	P	P	P	P	P
15	21Q61A0553	Deshini Nischala Priya	P	P	P	P	P	P
16	21Q61A0554	Galipelli Alekhya	P	P	P	P	P	P
17	21Q61A0555	Mallela Deepak	P	P	P	P	P	P
18	21Q61A0556	Kajjam Sai Dileep	P	P	P	P	P	P
19	21Q61A0557	Kandhi Nithisha	P	P	P	P	P	P
20	21Q61A0558	Kodari Venkatesh	P	P	P	P	P	P
21	21Q61A0559	Kokku Harshitha	A	A	A	A	A	A
22	21Q61A0560	KokkulaJagruth	P	P	P	P	P	P
23	21Q61A0561	Gummadi Steven Paul	P	P	P	P	P	P
24	21Q61A0562	Inapanuri Rakesh	P	P	P	P	P	P
25	21Q61A0563	Jakku Akshaya	P	P	P	P	P	P
26	21Q61A0564	Jereddy Manoj Kumarreddy	P	P	P	P	P	P
27	21Q61A0565	K Anil Kumar	P	P	P	P	P	P
28	21Q61A0566	K Rahul	P	P	P	P	P	P
29	21Q61A0567	Kadathala Harika	P	P	P	P	P	P
30	21Q61A0568	Kalwacharla Alekya	P	P	P	P	P	P
31	21Q61A0569	Kanakatla Shivakumar	P	P	P	P	P	P

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32	21Q61A0570	Kasarapu Rajesh	P	P	P	P	P	P
33	21Q61A0571	Kasarla Madhu Sudhan Reddy	P	P	P	P	P	P
34	21Q61A0572	Kashamoni Nikitha	P	P	P	P	P	P
35	21Q61A0573	Keesari Vipul Reddy	A	A	A	A	A	A
36	21Q61A0574	Koli Ishika	P	P	P	P	P	P
37	21Q61A0575	Kommula Laxmi Prasanna	A	A	A	A	A	A
38	21Q61A0576	Kondapally Kavya	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: APACHE PYSPARK

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 19-12-2022 to 24-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0539	Bariga Prasanna Kumar	0	0
2	21Q61A0540	Chetlapally Bhavya	30	100
3	21Q61A0541	D Uday Kumar	30	100
4	21Q61A0542	Gottimukkula Lahari	30	100
5	21Q61A0543	Aadireddy Kiran Teja	30	100
6	21Q61A0544	Akkenapally Pravin Durigaiah	30	100
7	21Q61A0545	Anugu Rohith Reddy	30	100
8	21Q61A0546	Ananya Mahapatra	30	100
9	21Q61A0547	Banda Harish Yadav	0	0
10	21Q61A0548	Barla Sri Kodanda Varma	30	100
11	21Q61A0549	Bethala Keerthi	30	100
12	21Q61A0550	Bobbali Revathi	30	100
13	21Q61A0551	Bodige Pooja	30	100
14	21Q61A0552	Chenreddy Praveen	30	100
15	21Q61A0553	Deshini Nischala Priya	30	100
16	21Q61A0554	Galipelli Alekhya	30	100
17	21Q61A0555	Mallela Deepak	30	100
18	21Q61A0556	Kajjam Sai Dileep	30	100
19	21Q61A0557	Kandhi Nithisha	30	100
20	21Q61A0558	Kodari Venkatesh	30	100
21	21Q61A0559	Kokku Harshitha	0	0
22	21Q61A0560	KokkulaJagruth	30	100
23	21Q61A0561	Gummadi Steven Paul	30	100
24	21Q61A0562	Inapanuri Rakesh	30	100
25	21Q61A0563	Jakku Akshaya	30	100
26	21Q61A0564	Jereddy Manoj Kumarreddy	30	100
27	21Q61A0565	K Anil Kumar	30	100
28	21Q61A0566	K Rahul	30	100
29	21Q61A0567	Kadathala Harika	30	100
30	21Q61A0568	Kalwacharla Alekya	30	100
31	21Q61A0569	Kanakatla Shivakumar	30	100
32	21Q61A0570	Kasarapu Rajesh	30	100

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33	21Q61A0571	Kasarla Madhu Sudhan Reddy	30	100
34	21Q61A0572	Kashamoni Nikitha	30	100
35	21Q61A0573	Keesari Vipul Reddy	0	0
36	21Q61A0574	Koli Ishika	30	100
37	21Q61A0575	Kommula Laxmi Prasanna	0	0
38	21Q61A0576	Kondapally Kavya	30	100

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Head of the Department

HOD

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Ranga Reddy District.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 28-12-2022

COURSE REPORT

Name of The Value added course: APACHE PYSPARK

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.Dinesh, Professor, Department of CSE, BRIET

Name of the Coordinator: Mr.G.Lavakumar, Assistant Professor

Number of the Participants: 33

Topics covered: The following topics covered in this program

- Introduction To the Basics of Python.
- Sequence & File Operations.
- Functions, Sorting, Errors & Exceptions, Regular Expressions, & Packages.
- Python: An OOp Implementation.
- Python for Spark: Functional & Object-Oriented Model.

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **CH.BHAVYA** Bearing roll number **21Q61A0540** from the department of **Computer Science and Engineering** completed the value added course on "**APACHE PYSPARK**" During the year **2022-23**.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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Head of The Department

Co-Ordinator
CO ORDINATOR
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Ranga Reddy Dist, Telangana.

Principal
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.RAHUL** Bearing roll number **21Q61A0566** from the

department of **Computer Science and Engineering** completed the value added course

on **"APACHE PYSPARK"** During the year **2022-23**.

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Ranga R.Dy, District.
Head of The Department

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CO ORDINATOR
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/06   **Date: 29-12-2022**

CIRCULAR

This is to inform all the II B.Tech CSE students that, the Department organizing a Value Added Course on **"Information Structures with Python".** The course is scheduled to run for 06 days from 02-01-2023 to 07-01-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr.K.Pradeep with Navya Institute of Computer Technology.

HOD

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

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IQAC

Notice board

II-I B. Tech CSE students

Dept. file

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Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

It includes a detailed discussion of programming concepts starting with the fundamentals of data types, control structures methods, classes, arrays and strings, and proceeding to advanced topics such as inheritance and polymorphism, creating user interfaces, exceptions and streams.

COURSE OBJECTIVES

- Lists are a type of data structure containing an ordered collection of items.
- Tuples. A tuple contains much of the same functionality as a list, albeit with limited functionality. ...
- Sets and Dictionaries.

EXPECTED OUTCOMES

- learn to use Python programming language constructs to implement a variety of analytical and computational methods (searching and sorting)
- Understand trade-offs of different Python methods and data structures in computation.
- Apply acquired skills in diverse settings by completing a course project on a topic chosen by a student.
- Present both symbolic and visual results on the project.
- Learn advantages and limitations of using Python.

Resource Person
Mr.K.Pradeep
Technical Trainer
Navya Institute of
Computer Technology

Co-ordinator
Mrs.J.Spandana
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:31st DEC,2022

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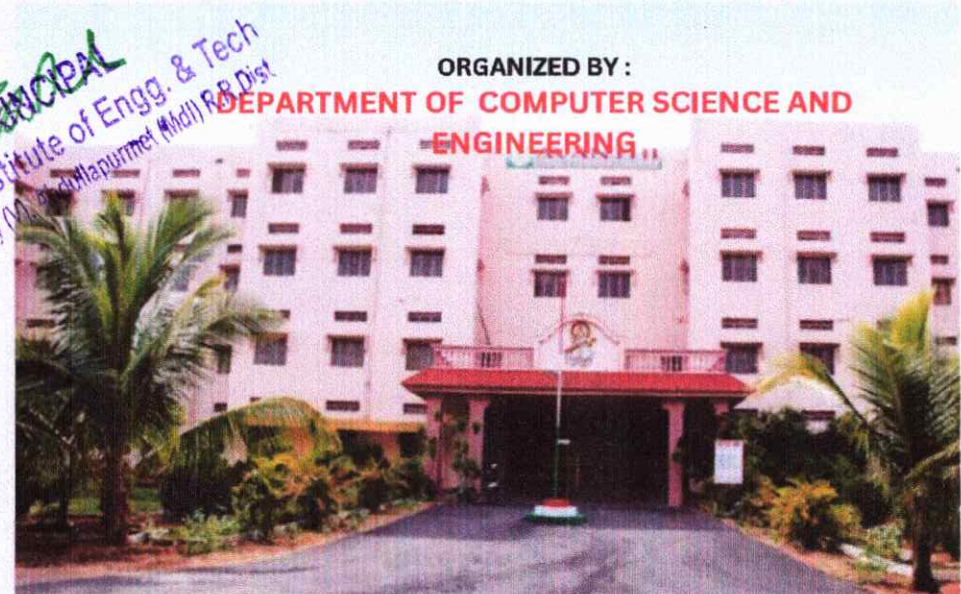### Data Structures in Python

ADD-ON COURSE ON

"INFORMATION STRUCTURES WITH PYTHON"

02nd JAN TO 7th JAN,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **INFORMATION STRUCTURES WITH PYTHON**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM

Course Objectives:

- Lists are a type of data structure containing an ordered collection of items.
- Tuples. A tuple contains much of the same functionality as a list, albeit with limited functionality. ...
- Sets and Dictionaries.

Course Outcomes:

1. learn to use Python programming language constructs to implement a variety of analytical and computational methods (searching and sorting)
2. Understand trade-offs of different Python methods and data structures in computation.
3. Apply acquired skills in diverse settings by completing a course project on a topic chosen by a student.
4. Present both symbolic and visual results on the project.
5. Learn advantages and limitations of using Python.

Module 1: Introduction to computing, program structure, programming environment, input/output, variable scopes and modules

Module 2: data types, expressions, types and type casting, numerical data types, arithmetic, logical, assignment and relational operators, Boolean expressions, operator precedence, hashing, mutability, Python ranges, object copying in Python.

Module 3: strings and text manipulation, indexing and slicing, collections, control flow, iterations, files and files manipulation. Version 1.2

Module 4: collections: lists, tuples, sets, dictionaries, comprehension, indexing and slicing, comprehension in mutable collections, applications (stacks, ques and linked lists), searching and sorting

Module 5: exception handling, functions, parameter passing, recursive functions, lambda function and functional programming

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Module 6: objects and classes, class constructors, attributes and methods, instance and static variables, data encapsulation, overloading, inheritance and polymorphism, abstract classes

TEXT BOOK:

1. The Practice of Computing Using Python, by W. Punch and R. Enbody, 3-rd edition, Pearson Publishing.

J.-SPandanay

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HOD
Head of the Department
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Avanthi Institute of Engineering & Technology
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Information Structures with Python	BREAK	Information Structures with Python	LUNCH	Information Structures with Python	BREAK	Information Structures with Python
TUE							
WED							
THU							
FRI							
SAT							

J. SPandana

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INFORMATION STRUCTURES WITH PYTHON

ACADEMIC YEAR: 2022-2023   **Date: 29-12-2022**

B.TECH II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	02-01-2023	Program structure, programming environment.	10:00 am to 04:00 pm	5hours
2	03-01-2023	Types and type casting, numerical data types, arithmetic.	10:00 am to 04:00 pm	5 hours
3	04-01-2023	Indexing and slicing, collections, control flow.	10:00 am to 04:00 pm	5 hours
4	05-01-2023	Dictionaries, comprehension, indexing and slicing.	10:00 am to 04:00 pm	5 hours
5	06-01-2023	Parameter passing, recursive functions, lambda.	10:00 am to 04:00 pm	5 hours
6	07-01-2023	Attributes and methods, instance and static variables, data encapsulation.	10:00 am to 04:00 pm	5 hours
			Total -30 hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INFORMATION STRUCTURES WITH PYTHON

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0577	Konderu Jai Surya Narayana
2	21Q61A0578	Kosuna Sathwika
3	21Q61A0579	Lakavath Vishnu
4	21Q61A0580	Machagiri Vijay Kumar
5	21Q61A0581	Macharla Rohith
6	21Q61A0582	Malloori Karthikeya
7	21Q61A0583	Maloth Rajesh
8	21Q61A0584	Maredi Tejashhwini
9	21Q61A0585	Mattela Dinesh
10	21Q61A0586	Mittapally Soumya
11	21Q61A0587	Mohammed Fateen Yousuf Ali
12	21Q61A0588	Mohammed Parvez
13	21Q61A0589	Mohd Sufyan
14	21Q61A0590	Nara Bhanu Prakash
15	21Q61A0591	Narra Anand
16	21Q61A0592	Nelikanti Archana
17	21Q61A0593	Nelli Sandeep Kumar
18	21Q61A0594	Nikhil Sahani
19	21Q61A0595	Nunna Keerthi
20	21Q61A0596	Palle Anusha
21	21Q61A0597	Pedada Hari
22	21Q61A0598	Peram Venkata Siva Reddy
23	21Q61A0599	Perka Yuvaraj
24	21Q61A05A0	Kunduru Prathyusha
25	21Q61A05A1	Lade Achyuth Kumar
26	21Q61A05A2	Mamata Yadav
27	21Q61A05A3	Mulagundla Sowjanya
28	21Q61A05A4	Munjuluri Veeresh Kumar
29	21Q61A05A5	Konda Nithin Reddy
30	21Q61A05A6	Kota Karthik
31	21Q61A05A7	KurimillaNarendhar
32	21Q61A05A8	Mallavarapu Varaprasad

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33	21Q61A05A9	Muli Gunashekar Reddy
34	21Q61A05B0	Munugoti Kodanda Ramaiah
35	21Q61A05B1	Neeradi Nishwanth
36	21Q61A05B2	Pendyala Roopesh Sai
37	21Q61A05B3	Boini Madhu
38	21Q61A05B4	Poloju Devika

J. Spandana

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The Students of II-YEAR B.TECH Certificate Program attending "Information Structure with Python" By the Resource Person "Mr.K.Pradeep, By Navya Institute of Computer Technology".

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Head of the Department
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BOD
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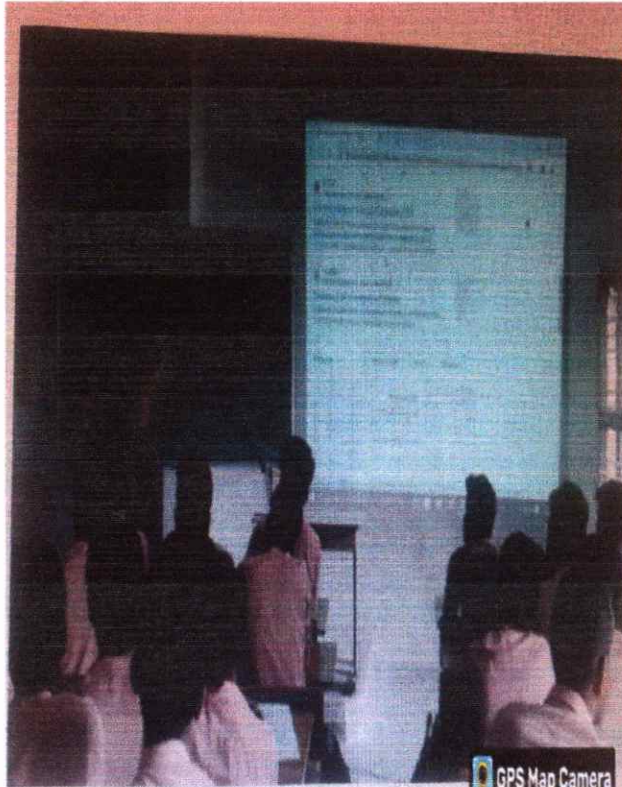Avanthi Institute of Engineering and Technology

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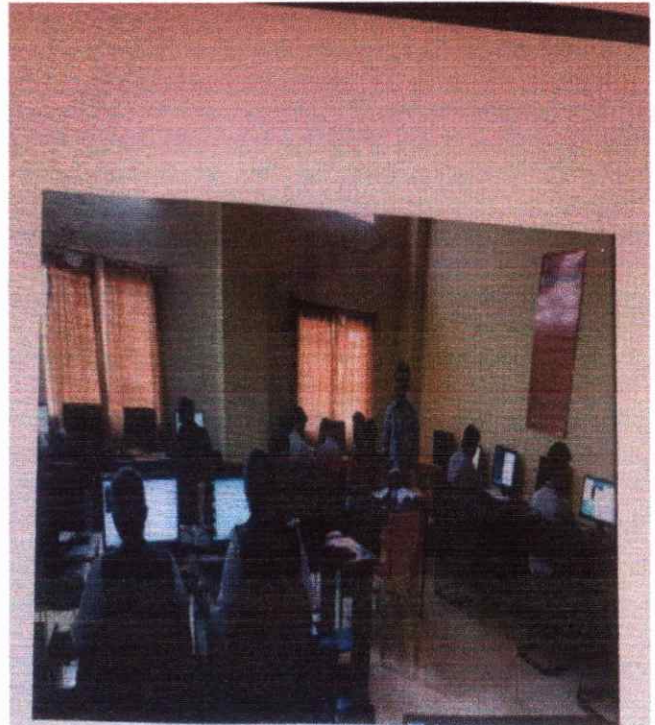www.aietg.ac.in email: principal.avanthi@gmail.com

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:INFORMATION STRUCTURES WITH PYTHON

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 29-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	02.01.22	03.01.22	04.01.22	05.01.22	06.01.22	07.01.22
1	21Q61A0577	Konderu Jai Surya Narayana	P	P	P	P	P	P
2	21Q61A0578	Kosuna Sathwika	P	P	P	P	P	P
3	21Q61A0579	Lakavath Vishnu	P	P	P	P	P	P
4	21Q61A0580	Machagiri Vijay Kumar	P	P	P	P	P	P
5	21Q61A0581	Macharla Rohith	P	P	P	P	P	P
6	21Q61A0582	Malloori Karthikeya	P	P	P	P	P	P
7	21Q61A0583	Maloth Rajesh	P	P	P	P	P	P
8	21Q61A0584	Maredi Tejashhwini	P	P	P	P	P	P
9	21Q61A0585	Mattela Dinesh	P	P	P	P	P	P
10	21Q61A0586	Mittapally Soumya	P	P	P	P	P	P
11	21Q61A0587	Mohammed Fateen Yousuf Ali	P	P	P	P	P	P
12	21Q61A0588	Mohammed Parvez	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
13	21Q61A0589	Mohd Sufyan	P	P	P	P	P	P
14	21Q61A0590	Nara Bhanu Prakash	P	P	P	P	P	P
15	21Q61A0591	Narra Anand	P	P	P	P	P	P
16	21Q61A0592	Nelikanti Archana	P	P	P	P	P	P
17	21Q61A0593	Nelli Sandeep Kumar	P	P	P	P	P	P
18	21Q61A0594	Nikhil Sahani	P	P	P	P	P	P
19	21Q61A0595	Nunna Keerthi	P	P	P	P	P	P
20	21Q61A0596	Palle Anusha	P	P	P	P	P	P
21	21Q61A0597	Pedada Hari	P	P	P	P	P	P
22	21Q61A0598	Peram Venkata Siva Reddy	P	P	P	P	P	P
23	21Q61A0599	Perka Yuvaraj	P	P	P	P	P	P
24	21Q61A05A0	Kunduru Prathyusha	P	P	P	P	P	P
25	21Q61A05A1	Lade Achyuth Kumar	P	P	P	P	P	P
26	21Q61A05A2	Mamata Yadav	P	P	P	P	P	P
27	21Q61A05A3	Mulagundla Sowjanya	P	P	P	P	P	P
28	21Q61A05A4	Munjuluri Veeresh Kumar	P	P	P	P	P	P
29	21Q61A05A5	Konda Nithin Reddy	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
30	21Q61A05A6	Kota Karthik	P	P	P	P	P	P

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31	21Q61A05A7	KurimillaNarendhar	P	P	P	P	P	P
32	21Q61A05A8	Mallavarapu Varaprasad	P	P	P	P	P	P
33	21Q61A05A9	Muli Gunashekar Reddy	P	P	P	P	P	P
34	21Q61A05B0	Munugoti Kodanda Ramaiah	P	P	P	P	P	P
35	21Q61A05B1	Neeradi Nishwanth	A	A	A	A	A	A
36	21Q61A05B2	Pendyala Roopesh Sai	P	P	P	P	P	P
37	21Q61A05B3	Boini Madhu	P	P	P	P	P	P
38	21Q61A05B4	Poloju Devika	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **INFORMATION STRUCTURES WITH PYTHON**

II YEAR I–SEM   A.Y 2022-2023   Date: 02-01-2023 to 07-01-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0577	Konderu Jai Surya Narayana	30	100
2	21Q61A0578	Kosuna Sathwika	30	100
3	21Q61A0579	Lakavath Vishnu	30	100
4	21Q61A0580	Machagiri Vijay Kumar	30	100
5	21Q61A0581	Macharla Rohith	30	100
6	21Q61A0582	Malloori Karthikeya	30	100
7	21Q61A0583	Maloth Rajesh	30	100
8	21Q61A0584	Maredi Tejashhwini	30	100
9	21Q61A0585	Mattela Dinesh	30	100
10	21Q61A0586	Mittapally Soumya	30	100
11	21Q61A0587	Mohammed Fateen Yousuf Ali	30	100
12	21Q61A0588	Mohammed Parvez	0	0
13	21Q61A0589	Mohd Sufyan	30	100
14	21Q61A0590	Nara Bhanu Prakash	30	100
15	21Q61A0591	Narra Anand	30	100
16	21Q61A0592	Nelikanti Archana	30	100
17	21Q61A0593	Nelli Sandeep Kumar	30	100
18	21Q61A0594	Nikhil Sahani	30	100
19	21Q61A0595	Nunna Keerthi	30	100
20	21Q61A0596	Palle Anusha	30	100
21	21Q61A0597	Pedada Hari	30	100
22	21Q61A0598	Peram Venkata Siva Reddy	30	100
23	21Q61A0599	Perka Yuvaraj	30	100
24	21Q61A05A0	Kunduru Prathyusha	30	100
25	21Q61A05A1	Lade Achyuth Kumar	30	100
26	21Q61A05A2	Mamata Yadav	30	100
27	21Q61A05A3	Mulagundla Sowjanya	30	100
28	21Q61A05A4	Munjuluri Veeresh Kumar	30	100
29	21Q61A05A5	Konda Nithin Reddy	0	0
30	21Q61A05A6	Kota Karthik	30	100
31	21Q61A05A7	KurimillaNarendhar	30	100

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32	21Q61A05A8	Mallavarapu Varaprasad	30	100
33	21Q61A05A9	Muli Gunashekar Reddy	30	100
34	21Q61A05B0	Munugoti Kodanda Ramaiah	30	100
35	21Q61A05B1	Neeradi Nishwanth	0	0
36	21Q61A05B2	Pendyala Roopesh Sai	30	100
37	21Q61A05B3	Boini Madhu	30	100
38	21Q61A05B4	Poloju Devika	30	100

J. Spandana

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-01-2023

COURSE REPORT

Name of The Value added course: Information Structures with Python

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.K.Pradeep, Technical Trainer, Navya Institute of Computer Technology.

Name of the Coordinator: Mrs.J.Spandana, Assistant Professor.

Number of the Participants: 35

Topics covered: The following topics covered in this program

- Introduction to computing.
- Data types, expressions.
- Strings and text manipulation.
- Collections: lists.
- Exception handling and objects and classes.

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CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **M.DINESH** Bearing Roll.No **21Q61A0585** Department of **COMPUTER SCIENCE AND ENGINEERING** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**INFORMATION STRUCTURES WITH PYTHON**" Organized by 'NAVYA INSTITUTE OF COMPUTER TECHNOLOGIES ' During dates **02/01/2023** to **07/01/2023**.

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Ranga Reddy Dist, Telangana.

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Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District. Telangana.

NAVYA INSTITUTE OF COMPUTER TECHNOLOGIES

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. P.**DEVIKA** Bearing Roll.No **21Q61A05B4** Department of **COMPUTER SCIENCE AND ENGINEERING** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in **"INFORMATION STRUCTURES WITH PYTHON"** Organized by '**NAVYA INSTITUTE OF COMPUTER TECHNOLOGIES** ' During dates **02/01/2023** to **07/01/2023**.

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/07   **Date: 09-01-2023**

CIRCULAR

This is to inform all the II B.Tech CSD students that, the Department organizing a Value Added Course on **"Deep Learning for Healthcare".** Department Advisory Committee has been identified. **Mr.G.Venkatesh, Assistant Professor, Department of CSE**. As a resource person for this course. The course is scheduled to run for 06 days from 16-01-2023 to 21-01-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Annamacharya institute of technology & Sciences

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Copy to:

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IQAC

Notice board

II-I B. Tech CSD students

Dept. file

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ABOUT THE COURSE

Due to the increasing number of patient data, manual analysis and monitoring of such data is becoming less feasible and more complex. Advanced computing technologies such as artificial intelligence (AI), machine learning (ML) and deep learning (DL) has enabled the healthcare sectors to gain deeper insights from patient data. AI has the ability to successfully process and analyze large variety of data which is far beyond our capacity and has the potentialto transform many aspects of patient care. This has led to an increasing demand of bigdata analytics.

COURSE OBJECTIVES

- To learn deep learning models such as deep neural networks, convolution neural networks, recurrent neural networks, auto encoder, attention models, graph neural networks and deep generative learning.
- To learn different healthcare applications using DL methods such as clinical predictive models, computational phenotyping, patient risk stratification.
- To implement various practical healthcare models on diverse medical data.

EXPECTED OUTCOMES

- Learn to use deep learning in healthcare.
- Understand can identify complex patterns automatically
- Apply acquired skills offer a primary care provider clinical decision.
- Support at the point of care within the electronic health record.

Resource Person
Mr.G.Venkatesh
Assistant Professor
Department of
CSE,AIET

Co-ordinator
Mr.M.Udayabhanu
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:14th JAN,2023

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ADD-ON COURSE ON

"DEEP LEARNING FOR HEALTHCARE"

16th JAN TO 21st JAN,2023

DURATION OF THE COURSE 36HRS

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ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DEEP LEARNING FOR HEALTHCARE

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM CSD

Course Objectives:

1. To learn deep learning models such as deep neural networks, convolution neural networks, recurrent neural networks, auto encoder, attention models, graph neural networks and deep generative learning.
2. To learn different healthcare applications using DL methods such as clinical predictive models, computational phenotyping, patient risk stratification.
3. To implement various practical healthcare models on diverse medical data.

COURSE SYLLABUS

- Introduction
- Machine learning basics
- Health data
- Deep Neural Networks (DNN)
- Embedding
- Convolution Neural Networks (CNN)
- Recurrent Neural Networks (RNN)
- Auto encoders
- Attention Models
- Graph Neural Networks
- Memory network
- Deep generative models

REFERENCES BOOKS:

1. Kaye KS, Anderson DJ, Cook E, et al. Guidance for infection prevention and healthcare epidemiology programs: healthcare epidemiologist skills and competencies. Infect Control Hosp Epidemiol 2015; 36:369–80.
2. Bates DW, Saria S, Ohno-Machado L, Shah A, Escobar G. Big data in health care: using analytics to identify and manage high-risk and high-cost patients. Health Aff (Millwood) 2014; 33:1123–31.

M. Udayabhanu

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: CSD A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Deep Learning for Healthcare	BREAK	Deep Learning for Healthcare	LUNCH	Deep Learning for Healthcare	BREAK	Deep Learning for Healthcare
TUE							
WED							
THU							
FRI							
SAT							

M. Udayabhanu

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **DEEP LEARNING FOR HEALTHCARE**

ACADEMIC YEAR: 2022-2023   **Date: 09-01-2023**

B.TECH II YEAR-I SEM CSD   **DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	16-01-2023	Introduction and Machine learning basics Health data	09:30 am to 04:00 pm	6 hours
2	17-01-2023	Deep Neural Networks (DNN) , Embedding	09:30 am to 04:00 pm	6 hours
3	18-01-2023	Convolution Neural Networks (CNN).	09:30 am to 04:00 pm	6 hours
4	19-01-2023	Recurrent Neural Networks (RNN), Auto encoders	09:30 am to 04:00 pm	6 hours
5	20-01-2023	Attention Models, Graph Neural Networks	09:30 am to 04:00 pm	6 hours
6	21-01-2023	Memory network Deep generative models	09:30 am to 04:00 pm	6 hours
			Total -36 hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DEEP LEARNING FOR HEALTHCARE

II B.Tech-I SEM CSD   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A6701	Allala Bharath Reddy
2	21Q61A6702	Andrapu Praveen Kumar
3	21Q61A6703	Balgam Pradeep
4	21Q61A6704	Bandari Vinod
5	21Q61A6705	Banoth Sunil
6	21Q61A6706	Barapati Vinay
7	21Q61A6707	Barla Sirisha
8	21Q61A6708	Bhukya Ajay Kumar
9	21Q61A6709	Bolla Shainitha
10	21Q61A6710	Bollepally Mani Chandana
11	21Q61A6711	Chelakapalli Likhitha
12	21Q61A6712	Chepyala Venu
13	21Q61A6713	Chinthakuntla Pooja
14	21Q61A6714	Chitukula Bhargavi
15	21Q61A6715	D Priyanka
16	21Q61A6716	Dhanavath Chandrashekar
17	21Q61A6717	Doddi Shivani
18	21Q61A6718	DomaSrujaleena
19	21Q61A6719	Ellendula Shravani
20	21Q61A6720	Galva Archana
21	21Q61A6721	Gattu Mani Kumar
22	21Q61A6722	Gouni Harika Goud
23	21Q61A6723	Gouni Vamshi Krishna
24	21Q61A6724	Jityala Mahender Reddy
25	21Q61A6725	KakanagariSathyahari
26	21Q61A6726	Lalam Madhusudhanbabu
27	21Q61A6727	Masapaka Anil
28	21Q61A6728	Masapaka Babu
29	21Q61A6729	MedechelemeVamshinath
30	21Q61A6730	Mende Vamshi
31	21Q61A6731	Mergu Rithika
32	21Q61A6732	Mohammed Shakeer
33	21Q61A6733	Mote Sathya Vani
34	21Q61A6734	Mothey Manideep

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35	21Q61A6735	Muduganti Samatha
36	21Q61A6736	Musti Akhilesh
37	21Q61A6737	N Naveen Kumar
38	21Q61A6738	Narmala Shashi Kumar
39	21Q61A6739	Nomula Harshitha
40	21Q61A6740	Pabbu Raviteja
41	21Q61A6741	Peddavora Arun
42	21Q61A6742	Pitla Ashwini
43	21Q61A6743	Poligeri Swathi
44	21Q61A6744	Thorpunuri Rakshitha
45	21Q61A6745	Vaishnavi Yeldandi
46	21Q61A6746	Baradi Sai Kiran
47	21Q61A6747	Basani Pavan
48	21Q61A6748	Boddu Vijay Reddy
49	21Q61A6749	Gade Sravya Sri
50	21Q61A6750	Gojji Siddhartha
51	21Q61A6751	Guntoju Yashwanth
52	21Q61A6752	Kakularam Anand Reddy
53	21Q61A6753	Kankanala Manasa
54	21Q61A6754	MedagamRamanji Reddy
55	21Q61A6755	Muddam Vamshi Krishna
56	21Q61A6756	Penneru Harshitha
57	21Q61A6757	Pola Shanker Reddy
58	21Q61A6758	S Datha Shouri
59	21Q61A6759	Tallagadda Abhinav Reddy
60	21Q61A6760	Totakoora Lakshmi Harshitha
61	21Q61A6761	Vagga Anand
62	21Q61A6762	Yelagaboina Abhinaya Sri
63	21Q61A6763	Muthyala Hari Prasad
64	22Q65A6701	Anasuri Saiteja
65	22Q65A6702	Kethireddy Govardhan
66	22Q65A6703	Surabhi Aveti Shiva Ram Manohar
67	22Q65A6704	Yelakanti Rakesh Daman

Mr. Udaybhanu

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Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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The Students of II-Year B.Tech Certificate Program Attending "Deep Learning For Healthcare" By The Resource Person "Mr. G. Venkatesh, AIET".

M. Udaybas

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Ranga Reddy Dist, Telangana.

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Head of the Department
Computer Science & Engineering **HOD**
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME:DEEP LEARNING FOR HEALTHCARE

IIB.Tech-I SEM CSD   **A.Y 2022-2023**   **Date:09-01-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	16.01.23	17.01.23	18.01.23	19.01.23	20.01.23	21.01.23
1	21Q61A6701	Allala Bharath Reddy	P	P	P	P	P	P
2	21Q61A6702	Andrapu Praveen Kumar	P	P	P	P	P	P
3	21Q61A6703	Balgam Pradeep	P	P	P	P	P	P
4	21Q61A6704	Bandari Vinod	P	P	P	P	P	P
5	21Q61A6705	Banoth Sunil	P	P	P	P	P	P
6	21Q61A6706	Barapati Vinay	P	P	P	P	P	P
7	21Q61A6707	Barla Sirisha	P	P	P	P	P	P
8	21Q61A6708	Bhukya Ajay Kumar	P	P	P	P	P	P
9	21Q61A6709	Bolla Shainitha	P	P	P	P	P	P
10	21Q61A6710	Bollepally Mani Chandana	P	P	P	P	P	P
11	21Q61A6711	Chelakapalli Likhitha	P	P	P	P	P	P
12	21Q61A6712	Chepyala Venu	A	A	A	A	A	A
13	21Q61A6713	Chinthakuntla Pooja	P	P	P	P	P	P
14	21Q61A6714	Chitukula Bhargavi	P	P	P	P	P	P
15	21Q61A6715	D Priyanka	P	P	P	P	P	P
16	21Q61A6716	Dhanavath Chandrashekar	P	P	P	P	P	P
17	21Q61A6717	Doddi Shivani	P	P	P	P	P	P
18	21Q61A6718	DomaSrujaleena	P	P	P	P	P	P
19	21Q61A6719	Ellendula Shravani	P	P	P	P	P	P
20	21Q61A6720	Galva Archana	P	P	P	P	P	P
21	21Q61A6721	Gattu Mani Kumar	P	P	P	P	P	P
22	21Q61A6722	Gouni Harika Goud	P	P	P	P	P	P
23	21Q61A6723	Gouni Vamshi Krishna	P	P	P	P	P	P
24	21Q61A6724	Jityala Mahender Reddy	P	P	P	P	P	P
25	21Q61A6725	KakanagariSathyahari	A	A	A	A	A	A
26	21Q61A6726	Lalam Madhusudhanbabu	P	P	P	P	P	P
27	21Q61A6727	Masapaka Anil	P	P	P	P	P	P
28	21Q61A6728	Masapaka Babu	P	P	P	P	P	P
29	21Q61A6729	MedechelemeVamshinath	P	P	P	P	P	P
30	21Q61A6730	Mende Vamshi	P	P	P	P	P	P
31	21Q61A6731	Mergu Rithika	P	P	P	P	P	P
32	21Q61A6732	Mohammed Shakeer	P	P	P	P	P	P
33	21Q61A6733	Mote Sathya Vani	P	P	P	P	P	P
34	21Q61A6734	Mothey Manideep	P	P	P	P	P	P
35	21Q61A6735	Muduganti Samatha	P	P	P	P	P	P
36	21Q61A6736	Musti Akhilesh	P	P	P	P	P	P
37	21Q61A6737	N Naveen Kumar	P	P	P	P	P	P

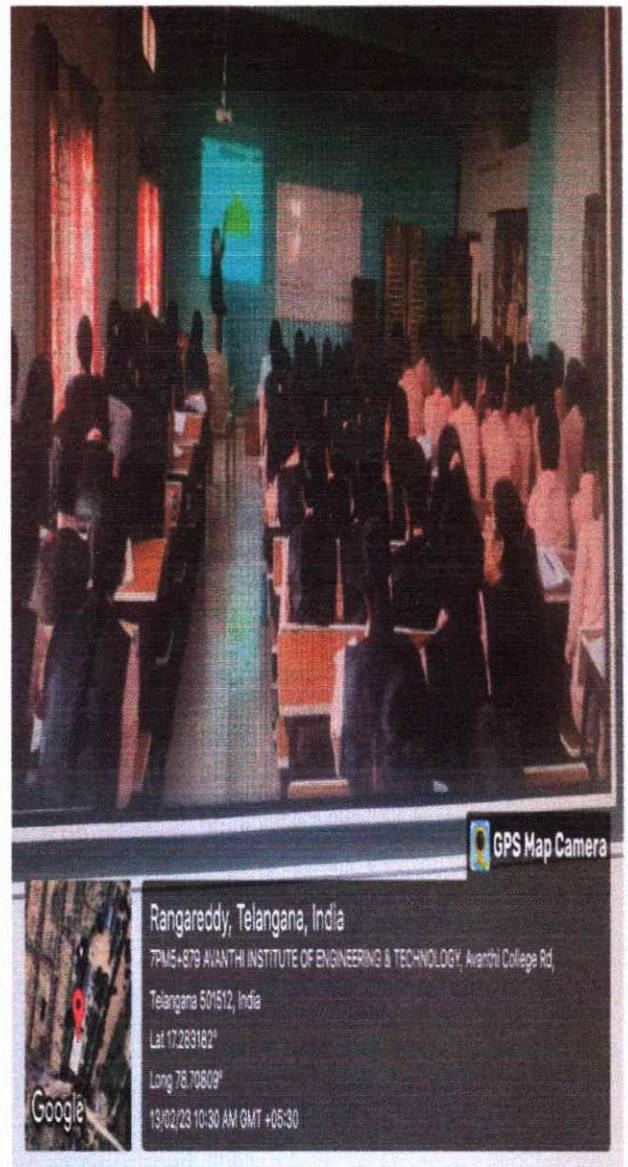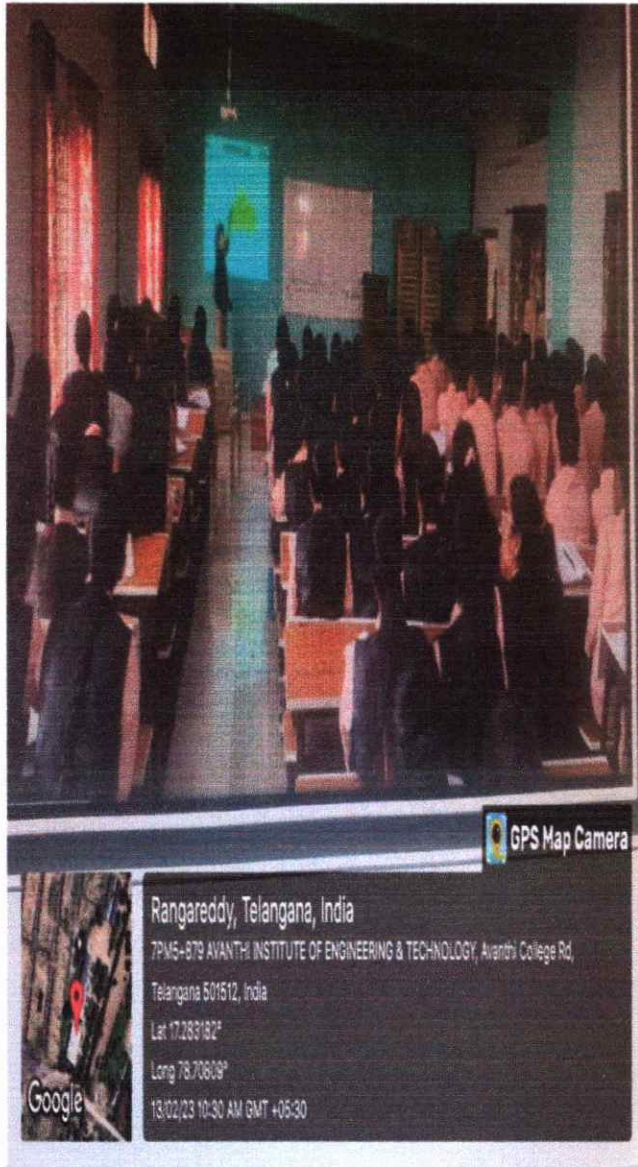Avanthi Institute of Engineering and Technology

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38	21Q61A6738	Narmala Shashi Kumar	P	P	P	P	P	P
39	21Q61A6739	Nomula Harshitha	P	P	P	P	P	P
40	21Q61A6740	Pabbu Raviteja	P	P	P	P	P	P
41	21Q61A6741	Peddavora Arun	P	P	P	P	P	P
42	21Q61A6742	Pitla Ashwini	P	P	P	P	P	P
43	21Q61A6743	Poligeri Swathi	P	P	P	P	P	P
44	21Q61A6744	Thorpunuri Rakshitha	P	P	P	P	P	P
45	21Q61A6745	Vaishnavi Yeldandi	P	P	P	P	P	P
46	21Q61A6746	Baradi Sai Kiran	P	P	P	P	P	P
47	21Q61A6747	Basani Pavan	P	P	P	P	P	P
48	21Q61A6748	Boddu Vijay Reddy	P	P	P	P	P	P
49	21Q61A6749	Gade Sravya Sri	P	P	P	P	P	P
50	21Q61A6750	Gojji Siddhartha	P	P	P	P	P	P
51	21Q61A6751	Guntoju Yashwanth	P	P	P	P	P	P
52	21Q61A6752	Kakularam Anand Reddy	P	P	P	P	P	P
53	21Q61A6753	Kankanala Manasa	P	P	P	P	P	P
54	21Q61A6754	MedagamRamanji Reddy	P	P	P	P	P	P
55	21Q61A6755	Muddam Vamshi Krishna	P	P	P	P	P	P
56	21Q61A6756	Penneru Harshitha	P	P	P	P	P	P
57	21Q61A6757	Pola Shanker Reddy	A	A	A	A	A	A
58	21Q61A6758	S Datha Shouri	P	P	P	P	P	P
59	21Q61A6759	Tallagadda Abhinav Reddy	P	P	P	P	P	P
60	21Q61A6760	Totakoora Lakshmi Harshitha	P	P	P	P	P	P
61	21Q61A6761	Vagga Anand	P	P	P	P	P	P
62	21Q61A6762	Yelagaboina Abhinaya Sri	P	P	P	P	P	P
63	21Q61A6763	Muthyala Hari Prasad	P	P	P	P	P	P
64	22Q65A6701	Anasuri Saiteja	P	P	P	P	P	P
65	22Q65A6702	Kethireddy Govardhan	P	P	P	P	P	P
66	22Q65A6703	Surabhi Aveti Shiva Ram Manohar	P	P	P	P	P	P
67	22Q65A6704	Yelakanti Rakesh Daman	P	P	P	P	P	P

M. Udaybhanu

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Ranga Reddy Dist, Telangana.

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HOD
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DEEP LEARNING FOR HEALTHCARE

II B.Tech-I SEM CSD   **A.Y 2022-2023**   **Date: 16-01-2023 to 21-01-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A6701	Allala Bharath Reddy	36	100
2	21Q61A6702	Andrapu Praveen Kumar	36	100
3	21Q61A6703	Balgam Pradeep	36	100
4	21Q61A6704	Bandari Vinod	36	100
5	21Q61A6705	Banoth Sunil	36	100
6	21Q61A6706	Barapati Vinay	36	100
7	21Q61A6707	Barla Sirisha	36	100
8	21Q61A6708	Bhukya Ajay Kumar	36	100
9	21Q61A6709	Bolla Shainitha	36	100
10	21Q61A6710	Bollepally Mani Chandana	36	100
11	21Q61A6711	Chelakapalli Likhitha	36	100
12	21Q61A6712	Chepyala Venu	0	0
13	21Q61A6713	Chinthakuntla Pooja	36	100
14	21Q61A6714	Chitukula Bhargavi	36	100
15	21Q61A6715	D Priyanka	36	100
16	21Q61A6716	Dhanavath Chandrashekar	36	100
17	21Q61A6717	Doddi Shivani	36	100
18	21Q61A6718	DomaSrujaleena	36	100
19	21Q61A6719	Ellendula Shravani	36	100
20	21Q61A6720	Galva Archana	36	100
21	21Q61A6721	Gattu Mani Kumar	36	100
22	21Q61A6722	Gouni Harika Goud	36	100
23	21Q61A6723	Gouni Vamshi Krishna	36	100
24	21Q61A6724	Jityala Mahender Reddy	36	100
25	21Q61A6725	KakanagariSathyahari	0	0
26	21Q61A6726	Lalam Madhusudhanbabu	36	100
27	21Q61A6727	Masapaka Anil	36	100
28	21Q61A6728	Masapaka Babu	36	100
29	21Q61A6729	MedechelemeVamshinath	36	100
30	21Q61A6730	Mende Vamshi	36	100
31	21Q61A6731	Mergu Rithika	36	100
32	21Q61A6732	Mohammed Shakeer	36	100
33	21Q61A6733	Mote Sathya Vani	36	100

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34	21Q61A6734	Mothey Manideep	36	100
35	21Q61A6735	Muduganti Samatha	36	100
36	21Q61A6736	Musti Akhilesh	36	100
37	21Q61A6737	N Naveen Kumar	36	100
38	21Q61A6738	Narmala Shashi Kumar	36	100
39	21Q61A6739	Nomula Harshitha	36	100
40	21Q61A6740	Pabbu Raviteja	36	100
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47	21Q61A6747	Basani Pavan	36	100
48	21Q61A6748	Boddu Vijay Reddy	36	100
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55	21Q61A6755	Muddam Vamshi Krishna	36	100
56	21Q61A6756	Penneru Harshitha	36	100
57	21Q61A6757	Pola Shanker Reddy	0	0
58	21Q61A6758	S Datha Shouri	36	100
59	21Q61A6759	Tallagadda Abhinav Reddy	36	100
60	21Q61A6760	Totakoora Lakshmi Harshitha	36	100
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65	22Q65A6702	Kethireddy Govardhan	36	100
66	22Q65A6703	Surabhi Aveti Shiva Ram Manohar	36	100
67	22Q65A6704	Yelakanti Rakesh Daman	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 28-01-2023

COURSE REPORT

Name of The Value added course: Deep Learning for Healthcare
Day/Duration: 36 Hours
Time: 09:30 am to 04:00 pm
Resource Person: Mr.G.Venkatesh, Assistant Professor, AIET.
Name of the Coordinator: Mr.M.Udayabhanu, Assistant Professor
Number of the Participants: 64
Topics covered: The following topics covered in this program

- Machine learning basics Health data.
- Deep Neural Networks.
- Convolution Neural Networks.
- Recurrent Neural Networks.
- Graph Neural Networks

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.SUNIL** Bearing roll number **21Q61A6705** from the

department of **Computer Science and Engineering** completed the value added course

on "**DEEP LEARNING FOR HEALTHCARE**" During the year **2022-23**.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Head of The Department

M. Udayabhanu

Co-Ordinator
CO ORDINATOR
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Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi **Principal** of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.SAITEJA** Bearing roll number **22Q65A6701** from the department of **Computer Science and Engineering** completed the value added course on **"DEEP LEARNING FOR HEALTHCARE"** During the year **2022-23**.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill) Abdullapur Met (M..
Ranga Reddy District
Head of The Department

M. Udayabhanu

Co-Ordinator
CO ORDINATOR
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PRINCIPAL
Avanthi **Principal** of Engg. & Tech
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/I/08   Date: 16-02-2023

CIRCULAR

This is to inform all the II B.Tech CSE students that, the Department organizing a Value
Added Course on **"Hadoop & Big Data"**. Department Advisory Committee has been identified.
Mr.Doti Nagaraju, Assistant Professor, Department of CSE. As a resource person for this
course. The course is scheduled to run for 06 days from 20-02-2023 to 25-02-2023. Participating
students will be awarded Certificates of Course Completion. Hence those who are interested can
sign in registration form.

HOD

Head of the Department
Computer Science & Engineering
anthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
R.R. Dist.

Copy to:

    The principal, for kind information

    IQAC

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    II-I B. Tech CSE students

    Dept. file

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ABOUT THE COURSE

This course provides an overview of machine learning techniques to explore, analyze, and leverage data. You will be introduced to tools and algorithms you can use to create machine learning models that learn from data, and to scale those models up to big data problems.Doing a Hadoop or Big Data certification eases the learning process and gives you creditability regarding your knowledge of Hadoop and big data. The demand for Hadoop and big data-related jobs is at an all-time high.

COURSE OBJECTIVES

- The purpose of this course is to provide the students with the knowledge of big data Analytics principles and techniques.
- This course is also designed to give an exposure of the frontiers of big data Analytics

EXPECTED OUTCOMES

After the successful completion of this module, students will be able to:

- Ability to explain the foundations, definitions, and challenges of Big Data and various Analytical tools.
- Ability to program using HADOOP and Map reduce, NOSQL.
- Ability to understand the importance of Big Data in Social Media and Mining.

Resource Person

Mr.Doti Nagaraju

Assistant Professor

Department of CSE

Co-ordinator

Mrs.K.Swathi

Assistant Professor

Department of CSE

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

LAST DATE FOR REGISTRATION:18th FEB,2023

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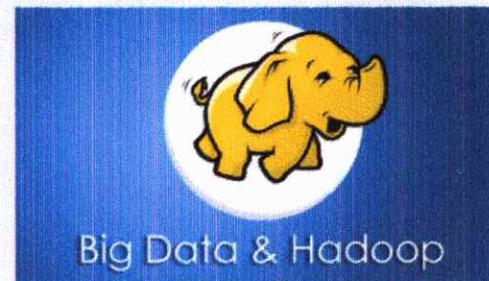
Big Data & Hadoop

ADD-ON COURSE ON

"HADOOP & BIG DATA"

20th FEB TO 25th feb,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE: HADOOP & BIG DATA

VALUE ADDED COURSE SYLLABU
ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM

Course Objectives:

- The purpose of this course is to provide the students with the knowledge of big data Analytics principles and techniques.
- This course is also designed to give an exposure of the frontiers of big data Analytics.

Course outcomes:
After the successful completion of this module, students will be able to:

- Ability to explain the foundations, definitions, and challenges of Big Data and various Analytical tools.
- Ability to program using HADOOP and Map reduce, NOSQL.
- Ability to understand the importance of Big Data in Social Media and Mining.

UNIT- I: Getting an Overview of Big Data: What is Big Data? History of Data Management – Evolution of Big Data, Structuring Big Data, Elements of Big Data, Big Data Analytics, Careers in Big Data, Future of Big Data Technologies for Handling Big Data: Distributed and Parallel Computing for Big Data, Introducing Hadoop, Cloud Computing and Big Data, In-Memory Computing Technology for Big Data.

UNIT 2:Understanding Hadoop Ecosystem: Hadoop Ecosystem, Hadoop Distributed File System, MapReduce, Hadoop YARN, Hbase, Hive, Pig and Pig Latin, Sqoop, ZooKeeper, Flume, Oozie Understanding MapReduce Fundamentals and HBase: The MapReduce Framework, Techniques to Optimize MapReduce Jobs, Uses of MapReduce, Role of HBase in Big Data Processing.

UNIT 3: Understanding Analytics and Big Data: Comparing Reporting and Analysis, Types of Analytics, Points to Consider during Analysis, Developing an Analytic Team, Understanding Text Analytics Analytical Approaches and Tools to Analyze Data: Analytical Approaches, History of Analytical Tools. Introduction to Popular Analytical Tools, Comparing Various Analytical Tools, Installing R..

UNIT4: Data Visualization-I: Introducing Data Visualization, Techniques Used for Visual Data Representation, Types of Data Visualization, Applications of Data Visualization, Visualizing Big Data, Tools Used in Data Visualization, Tableau Products Data Visualization

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with Tableau (Data Visualization-II): Introduction to Tableau Software, Tableau Desktop Workspace, Data Analytics in Tableau Public, Using Visual Controls in Tableau Public.

UNIT 5: Social Media Analytics and Text Mining: Introducing social media, Introducing Key Elements of social media, Introducing Text Mining, Understanding Text Mining Process, Sentiment Analysis, Performing Social Media Analytics and Opinion Mining on Tweets Mobile Analytics: Introducing Mobile Analytics, Introducing Mobile Analytics Tools, Performing Mobile Analytics, Challenges of Mobile Analytics

TEXT BOOKS:

1. Big data, blackbook, Dreamtech press, 2015

2. Big Data Analytics, Seema Acharya, Subhashini Chellappan, Wiley 2015.

3. Simon Walkowiak, Big Data Analytics with R, Packt Publishing, ISBN: 9781786466457

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HOD
Head of the Departme
Computer Science & Enginee
Avanthi Institute of Engineering & Tec
Gunthapally (Vill), Abdullapur Met
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Hadoop & Big Data	BREAK	Hadoop & Big Data	LUNCH	Hadoop & Big Data	BREAK	Hadoop & Big Data
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **HADOOP & BIG DATA**

ACADEMIC YEAR: 2022-2023

Date: 16-02-2023

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	20-02-2023	Data Management – Evolution of Big Data, Structuring Big Data.	09:30 am to 04:00 pm	6 hour
2	21-02-2023	Hadoop Ecosystem, Hadoop Distributed File System,MapReduce	09:30 am to 04:00 pm	6 hour
3	22-02-2023	Comparing Reporting and Analysis, Types of Analytics, Points to Consider during Analysis.	09:30 am to 04:00 pm	6 hour
4	23-02-2023	Introducing Data Visualization, Techniques Used for Visual Data Representation.	09:30 am to 04:00 pm	6 hour
5	24-02-2023	Introducing social media, Introducing Key Elements of social media.	09:30 am to 04:00 pm	6 hour
6	25-02-2023	Introducing Mobile Analytics, Introducing Mobile Analytics.	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

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HOD Department
Head of the Department
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: HADOOP & BIG DATA

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A05B5	P Kamal
2	21Q61A05B6	Shaik Hussain Basha
3	21Q61A05B7	Shasani Rakesh Reddy
4	21Q61A05B8	T Srisha
5	21Q61A05B9	Tatiparthi Vineeth Reddy
6	21Q61A05C0	Thatipamula Vaishnav
7	21Q61A05C1	Pidaparthi Victor Teja Kumar
8	21Q61A05C2	Ragula Narender
9	21Q61A05C3	Reddimalla Sreya
10	21Q61A05C4	Ritika Dhapte
11	21Q61A05C5	Rudrarapu Harshavardhan
12	21Q61A05C6	Sadhu Kushal Reddy
13	21Q61A05C7	Samuru Harini
14	21Q61A05C8	Sattu Sreeja
15	21Q61A05C9	Shaik Irfan Khan
16	21Q61A05D0	Sheri Shivaji
17	21Q61A05D1	Soma Dinakaran
18	21Q61A05D2	Stambampally Mounika
19	21Q61A05D3	Sunkari Anil Kumar
20	21Q61A05D4	Surakanti Shanthan Reddy
21	21Q61A05D5	Talakola Sravya
22	21Q61A05D6	Talapaneni Manoj Kumar
23	21Q61A05D7	Tallela Sai Charan
24	21Q61A05D8	Tatipelly Sai Kiran
25	21Q61A05D9	Theetla Varshitha
26	21Q61A05E0	Thota Raghuvardhan
27	21Q61A05E1	Uppnunthala Abhilash
28	21Q61A05E2	V Naveen Kumar
29	21Q61A05E3	Vachepalli Uday Kiran
30	21Q61A05E4	Vadai Bhaskar
31	21Q61A05E5	Vaddeman Narsi Reddy
32	21Q61A05E6	Vanarasi Srinu

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33	21Q61A05E7	Voddineni Mounish
34	21Q61A05E8	Vulkundakar Shivaji Juhi
35	21Q61A05E9	Yata Sreekanth
36	21Q61A05F0	Patil Sai Raghavendra
37	21Q61A05F1	Punna Aditya
38	21Q61A05F2	Shetty Sujith

K. Swathi

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The Students of II-Year B.Tech certificate program attending "Hadoop& Big Data" by the resource person "Mr.DotiNagaraju, Assistant Professor".

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Head of the Department
Computer Science & Engineering
HOD
Avanthi Institute of Engineering & Techno
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Ranga Reddy District.

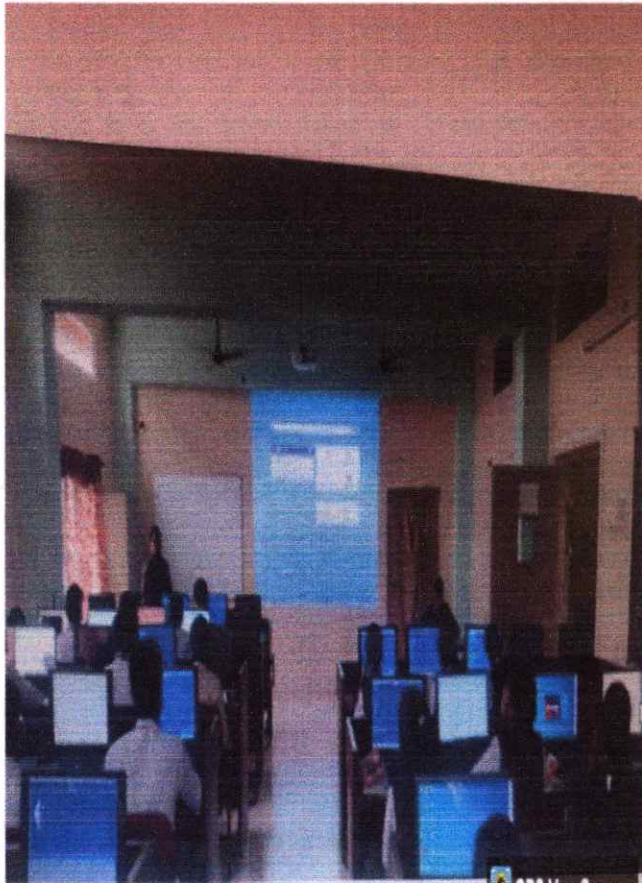## Avanthi Institute of Engineering and Technology

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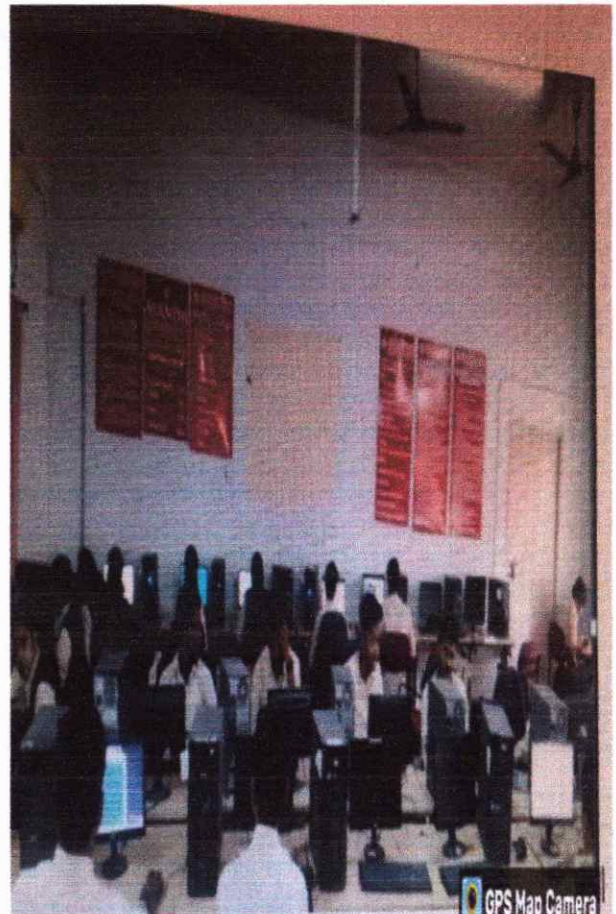Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: HADOOP & BIG DATA

IIYEAR I–SEM   **A.Y 2022-2023**   **Date:16-02-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	20.02.23	21.02.23	22.02.23	23.02.23	24.02.23	25.02.23
1	21Q61A05B5	P Kamal	P	P	P	P	P	P
2	21Q61A05B6	Shaik Hussain Basha	A	A	A	A	A	A
3	21Q61A05B7	Shasani Rakesh Reddy	P	P	P	P	P	P
4	21Q61A05B8	T Srisha	P	P	P	P	P	P
5	21Q61A05B9	Tatiparthi Vineeth Reddy	P	P	P	P	P	P
6	21Q61A05C0	Thatipamula Vaishnav	P	P	P	P	P	P
7	21Q61A05C1	Pidaparthi Victor Teja Kumar	P	P	P	P	P	P
8	21Q61A05C2	Ragula Narender	P	P	P	P	P	P
9	21Q61A05C3	Reddimalla Sreya	P	P	P	P	P	P
10	21Q61A05C4	Ritika Dhapte	P	P	P	P	P	P
11	21Q61A05C5	Rudrarapu Harshavardhan	A	A	A	A	A	A
12	21Q61A05C6	Sadhu Kushal Reddy	P	P	P	P	P	P
13	21Q61A05C7	Samuru Harini	P	P	P	P	P	P
14	21Q61A05C8	Sattu Sreeja	P	P	P	P	P	P
15	21Q61A05C9	Shaik Irfan Khan	P	P	P	P	P	P
16	21Q61A05D0	Sheri Shivaji	P	P	P	P	P	P
17	21Q61A05D1	Soma Dinakaran	P	P	P	P	P	P
18	21Q61A05D2	Stambampally Mounika	P	P	P	P	P	P
19	21Q61A05D3	Sunkari Anil Kumar	P	P	P	P	P	P
20	21Q61A05D4	Surakanti Shanthan Reddy	P	P	P	P	P	P
21	21Q61A05D5	Talakola Sravya	P	P	P	P	P	P
22	21Q61A05D6	Talapaneni Manoj Kumar	P	P	P	P	P	P
23	21Q61A05D7	Tallela Sai Charan	A	A	A	A	A	A
24	21Q61A05D8	Tatipelly Sai Kiran	P	P	P	P	P	P
25	21Q61A05D9	Theetla Varshitha	P	P	P	P	P	P
26	21Q61A05E0	Thota Raghuvardhan	P	P	P	P	P	P
27	21Q61A05E1	Uppnunthala Abhilash	P	P	P	P	P	P
28	21Q61A05E2	V Naveen Kumar	P	P	P	P	P	P
29	21Q61A05E3	Vachepalli Uday Kiran	P	P	P	P	P	P
30	21Q61A05E4	Vadai Bhaskar	P	P	P	P	P	P
31	21Q61A05E5	Vaddeman Narsi Reddy	P	P	P	P	P	P

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32	21Q61A05E6	Vanarasi Srinu	P	P	P	P	P	P
33	21Q61A05E7	Voddineni Mounish	P	P	P	P	P	P
34	21Q61A05E8	Vulkundakar Shivaji Juhi	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
35	21Q61A05E9	Yata Sreekanth	P	P	P	P	P	P
36	21Q61A05F0	Patil Sai Raghavendra	P	P	P	P	P	P
37	21Q61A05F1	Punna Aditya	P	P	P	P	P	P
38	21Q61A05F2	Shetty Sujith	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **HADOOP & BIG DATA**

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 20-02-2023 to 25-02-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A05B5	P Kamal	36	100
2	21Q61A05B6	Shaik Hussain Basha	0	0
3	21Q61A05B7	Shasani Rakesh Reddy	36	100
4	21Q61A05B8	T Srisha	36	100
5	21Q61A05B9	Tatiparthi Vineeth Reddy	36	100
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11	21Q61A05C5	Rudrarapu Harshavardhan	0	0
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14	21Q61A05C8	Sattu Sreeja	36	100
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22	21Q61A05D6	Talapaneni Manoj Kumar	36	100
23	21Q61A05D7	Tallela Sai Charan	0	0
24	21Q61A05D8	Tatipelly Sai Kiran	36	100
25	21Q61A05D9	Theetla Varshitha	36	100
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30	21Q61A05E4	Vadai Bhaskar	36	100
31	21Q61A05E5	Vaddeman Narsi Reddy	36	100

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32	21Q61A05E6	Vanarasi Srinu	36	100
33	21Q61A05E7	Voddineni Mounish	36	100
34	21Q61A05E8	Vulkundakar Shivaji Juhi	0	0
35	21Q61A05E9	Yata Sreekanth	36	100
36	21Q61A05F0	Patil Sai Raghavendra	36	100
37	21Q61A05F1	Punna Aditya	36	100
38	21Q61A05F2	Shetty Sujith	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 02-03-2023

COURSE REPORT

Name of The Value added course: HADOOP & BIG DATA

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.Doti Nagaraju, Assistant Professor

Name of the Coordinator: Mrs.K.Swathi, Assistant Professor

Number of the Participants: 34

Topics covered: The following topics covered in this program

- ➢ Getting an Overview of Big Data.
- ➢ Understanding Hadoop Ecosystem.
- ➢ Understanding Analytics and Big Data
- ➢ Data Visualization-I
- ➢ Social Media Analytics and Text Mining

K.Swathi

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.BHASKAR** Bearing roll number **21Q61A05E4** from

the department of **Computer Science and Engineering** completed the value added

course on **"HADOOP & BIG DATA"** During the year **2022-23**.

K. Swathi

Head of the Department
Head of The Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Principal
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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.KAMAL** Bearing roll number **21Q61A05B5** from the

department of **Computer Science and Engineering** completed the value added course

on "**HADOOP & BIG DATA**" During the year **2022-23**.

K-Swathi

Head of The Department
Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District, Met (Mdl),
Ranga Reddy Dist.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/II/01   Date: 20-03-2023

CIRCULAR

This is to inform all the III B.Tech CSM&CSD students that, the Department organizing a Value Added Course on **"ETL Testing"**. The course is scheduled to run for 06 days from 27-03-2023 to 01-04-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.R.Ravi Kishore with Excelr Solutions

HOD

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

    The principal, for kind information

    IQAC

    Notice board

    III-II B. Tech CSM& CSD students

    Dept. file

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Avanthi Institute of Engg. & Tech

Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

If you're integrating and migrating data to a new system using an Extract, Transform, and Load (ETL) process, it's important to be sure that your data quality is high. One of the best ways to do this is with ETL testing, which evaluates whether your data is complete, accurate, and reliable — and if it has been properly loaded into your new system or data warehouse. Without ETL testing, businesses run the risk of making decisions using inaccurate or incomplete data. This can have negative impacts on revenue, strategy, and customer experience.

COURSE OBJECTIVES

- Understand the data to be used for reporting
- Review the Data Model
- Source to target mapping
- Data checks on source data
- Packages and schema validation

EXPECTED OUTCOMES

- Test components of ETL data warehouse
- Execute backend data-driven test
- Create, design and execute test cases, test plans and test harness
- Identify the problem and provide solutions for potential issues

Resource Person
Mr.R.Ravi Kishore
Subject Experts
EXCELR Solutions

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Mr.M.Srinath
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:25th MAR,2023

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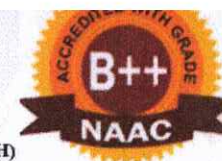
ETL Testing

ADD-ON COURSE ON

"ETL TESTING"

27th MAR TO 01st APR,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
VALUE ADDED COURSE NAME: **ETL TESTING**
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B.TECH III YEAR-II SEM CSM & CSD

Course Objectives:

- The primary objective of an ETL Testing course is to enable learners to understand and implement various data warehousing concepts.
- This includes acquiring skills to use ETL tools and perform ETL testing.

Course Syllabus

DWH: Data Ware Housing Concepts:

- Introduction to OLTP, ETL and OLAP Systems Difference between OLTP and OLAP
- DataWarehouseArchitecture
- Data Marts
- ODS [Operational Data Store] Dimensional Modelling
- Difference between relation and dimensional modeling Star Schema and Snowflake Schema
- Normalization and De-Normalization

ETL Testing:

- ETL architecture.
- What is ETL and importance of ETL testing
- How DWH ETL Testing is different from the Application Testing
- SDLC/STLC in the ETL Projects (ex: V Model, Water fall model)
- Challenges in DWH ETL Testing compare to other testing
- Incompatible and duplicate data.
- Loss of data during ETL process.
- Testers have no privileges to execute ETL jobs by their own.
- Volume and complexity of data is very huge.
- Fault in business process and procedures.
- Trouble acquiring and building test data

Types of ETL Testing:

- Data completeness.

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- Data transformation.
- Data quality.
- Performance and scalability.
- Integration testing.
- User-acceptance testing.
- SQL Queries for ETL Testing
- Incremental load testing
- Initial Load / Full load testing
- Different ETL tools available in the market Informatics.

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HOD

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: III YEAR –II SEM CSD

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	ETL Testing	BREAK	ETL Testing	LUNCH	ETL Testing	BREAK	ETL Testing
TUE							
WED							
THU							
FRI							
SAT							

CLASS: III YEAR –II SEM CSM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	ETL Testing	BREAK	ETL Testing	LUNCH	ETL Testing	BREAK	ETL Testing
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ETL TESTING

ACADEMIC YEAR: 2022-2023   **Date: 20-03-2023**

B.TECH III YEAR-II SEM CSM&CSD   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	27-03-2023	Introduction to OLTP, ETL and OLAP Systems Difference between OLTP and OLAP.	09:30 am to 04:00 pm	6 hour
2	28-03-2023	Data Warehouse Architecture.	09:30 am to 04:00 pm	6 hour
3	29-03-2023	ETL architecture.	09:30 am to 04:00 pm	6 hour
4	30-03-2023	Fault in business process and procedures.	09:30 am to 04:00 pm	6 hour
5	31-03-2023	Data transformation.	09:30 am to 04:00 pm	6 hour
6	01-04-2023	Incremental load testing Initial Load / Full load testing.	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ETL TESTING

III B.Tech-II SEM CSM&CSD   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	20Q61A6701	BhutharajuShivashankaraVaraprasad
2	20Q61A6702	Bobbulolu Pavani
3	20Q61A6703	DeshaveniAkshayarao
4	20Q61A6704	M Jyothi
5	20Q61A6705	Madugula Karthikeya
6	20Q61A6706	Goute Akhila
7	20Q61A6707	Kondakindi Vinay Reddy
8	20Q61A6708	Patlolla Aravind Reddy
9	20Q61A6709	VsrsgnpPantheswara
10	21Q65A6701	Korra Bheerendra Karthikeyan
11	21Q65A6702	Thum Shanthi Kumar
12	21Q65A6703	Yanapu Vijay
13	21Q65A6704	Janagam Srihari
14	20Q61A6601	Amgoth Pushpalatha
15	20Q61A6602	Balagoni Anil Goud
16	20Q61A6603	Bheemidi Ruthvik Reddy
17	20Q61A6604	Durgam Swamy
18	20Q61A6605	G Diwakar
19	20Q61A6606	Ganure Dinesh
20	20Q61A6607	Jella Priyanka
21	20Q61A6608	Kalali Vinesh Goud-
22	20Q61A6609	Karakatla Vyshnavi
23	20Q61A6610	Kavali Madhu
24	20Q61A6611	Lakavath Shirisha-Cancled
25	20Q61A6612	Lolam Sri Hari
26	20Q61A6613	Mohammed Uman
27	20Q61A6614	Nelavalli Dinesh Chowdary
28	20Q61A6615	Parsha Vamshi Krishna
29	20Q61A6616	Parupally Girija
30	20Q61A6617	Sapavath Lokesh
31	20Q61A6618	Sharma Meenakshi
32	20Q61A6619	Suryadevara Ujwala
33	20Q61A6620	Venkaiahgari Vinay
34	20Q61A6621	Yelpula Sai Teja

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35	20Q61A6622	Bhagath Vamshi
36	20Q61A6623	Chinthakindi Murari
37	20Q61A6624	Duddukuri Sandeep
38	20Q61A6625	Goshika Shiva Krishna
39	20Q61A6626	Katepally Saikumar
40	20Q61A6627	Koppisetti Joshna Satwika
41	20Q61A6628	Oddhi Vignesh
42	20Q61A6629	Padamati Karthik Reddy
43	20Q61A6630	Sanku Vaishnavi
44	20Q61A6631	Sunkoju Harini
45	20Q61A6632	Veeramalla Ramu
46	20Q61A6633	Balu Reddi Prakash
47	21Q65A6601	B Mahender
48	21Q65A6602	Bodige Pooja
49	21Q65A6603	Katroth Vignesh Nayak
50	21Q65A6604	Somala Likhitha

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The students of III-Year B.Tech certificate program attending "ETL Testing" by the resource person "Mr.R.Ravi Kishore" by 'Excelr Solutions'

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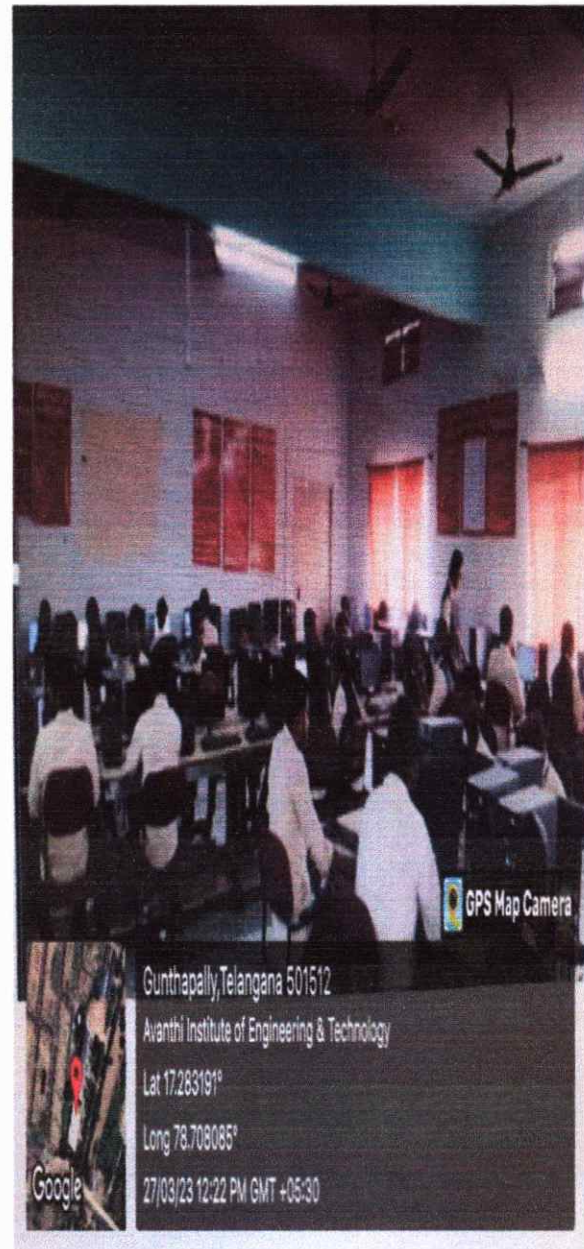Avanthi Institute of Engineering and Technology

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VALUE ADDED COURSE NAME: ETL TESTING

III B.Tech-II SEM CSM&CSD   **A.Y 2022-2023**   **Date: 20-03-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	27.03.23	28.03.23	29.03.23	30.03.23	31.03.23	01.04.23
1	20Q61A6701	BhutharajuShivashankaraVaraprasad	P	P	P	P	P	P
2	20Q61A6702	Bobbulolu Pavani	P	P	P	P	P	P
3	20Q61A6703	DeshaveniAkshayarao	P	P	P	P	P	P
4	20Q61A6704	M Jyothi	A	A	A	A	A	A
5	20Q61A6705	Madugula Karthikeya	P	P	P	P	P	P
6	20Q61A6706	Goute Akhila	P	P	P	P	P	P
7	20Q61A6707	Kondakindi Vinay Reddy	P	P	P	P	P	P
8	20Q61A6708	Patlolla Aravind Reddy	P	P	P	P	P	P
9	20Q61A6709	VsrsgnpPantheswara	P	P	P	P	P	P
10	21Q65A6701	Korra Bheerendra Karthikeyan	P	P	P	P	P	P
11	21Q65A6702	Thum Shanthi Kumar	P	P	P	P	P	P
12	21Q65A6703	Yanapu Vijay	P	P	P	P	P	P
13	21Q65A6704	Janagam Srihari	P	P	P	P	P	P
14	20Q61A6601	Amgoth Pushpalatha	P	P	P	P	P	P
15	20Q61A6602	Balagoni Anil Goud	P	P	P	P	P	P
16	20Q61A6603	Bheemidi Ruthvik Reddy	A	A	A	A	A	A
17	20Q61A6604	Durgam Swamy	P	P	P	P	P	P
18	20Q61A6605	G Diwakar	P	P	P	P	P	P
19	20Q61A6606	Ganure Dinesh	P	P	P	P	P	P
20	20Q61A6607	Jella Priyanka	P	P	P	P	P	P
21	20Q61A6608	Kalali Vinesh Goud-	P	P	P	P	P	P
22	20Q61A6609	Karakatla Vyshnavi	P	P	P	P	P	P
23	20Q61A6610	Kavali Madhu	P	P	P	P	P	P
24	20Q61A6611	Lakavath Shirisha-Cancled	P	P	P	P	P	P
25	20Q61A6612	Lolam Sri Hari	P	P	P	P	P	P
26	20Q61A6613	Mohammed Uman	P	P	P	P	P	P
27	20Q61A6614	Nelavalli Dinesh Chowdary	P	P	P	P	P	P
28	20Q61A6615	Parsha Vamshi Krishna	P	P	P	P	P	P
29	20Q61A6616	Parupally Girija	P	P	P	P	P	P
30	20Q61A6617	Sapavath Lokesh	P	P	P	P	P	P
31	20Q61A6618	Sharma Meenakshi	P	P	P	P	P	P
32	20Q61A6619	Suryadevara Ujwala	A	A	A	A	A	A
33	20Q61A6620	Venkaiahgari Vinay	P	P	P	P	P	P
34	20Q61A6621	Yelpula Sai Teja	P	P	P	P	P	P
35	20Q61A6622	Bhagath Vamshi	P	P	P	P	P	P
36	20Q61A6623	Chinthakindi Murari	P	P	P	P	P	P
37	20Q61A6624	Duddukuri Sandeep	P	P	P	P	P	P
38	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P

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40	20Q61A6627	Koppisetti Joshna Satwika	P	P	P	P	P	P
41	20Q61A6628	Oddhi Vignesh	P	P	P	P	P	P
42	20Q61A6629	Padamati Karthik Reddy	P	P	P	P	P	P
43	20Q61A6630	Sanku Vaishnavi	P	P	P	P	P	P
44	20Q61A6631	Sunkoju Harini	(A)	(A)	(A)	(A)	(A)	(A)
45	20Q61A6632	Veeramalla Ramu	P	P	P	P	P	P
46	20Q61A6633	Balu Reddi Prakash	P	P	P	P	P	P
47	21Q65A6601	B Mahender	P	P	P	P	P	P
48	21Q65A6602	Bodige Pooja	P	P	P	P	P	P
49	21Q65A6603	Katroth Vignesh Nayak	(A)	(A)	(A)	(A)	(A)	(A)
50	21Q65A6604	Somala Likhitha	P	P	P	P	P	P

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S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A6701	BhutharajuShivashankaraVaraprasad	36	100
2	20Q61A6702	Bobbulolu Pavani	36	100
3	20Q61A6703	DeshaveniAkshayarao	36	100
4	20Q61A6704	M Jyothi	0	0
5	20Q61A6705	Madugula Karthikeya	36	100
6	20Q61A6706	Goute Akhila	36	100
7	20Q61A6707	Kondakindi Vinay Reddy	36	100
8	20Q61A6708	Patlolla Aravind Reddy	36	100
9	20Q61A6709	VsrsgnpPantheswara	36	100
10	21Q65A6701	Korra Bheerendra Karthikeyan	36	100
11	21Q65A6702	Thum Shanthi Kumar	36	100
12	21Q65A6703	Yanapu Vijay	36	100
13	21Q65A6704	Janagam Srihari	36	100
14	20Q61A6601	Amgoth Pushpalatha	36	100
15	20Q61A6602	Balagoni Anil Goud	36	100
16	20Q61A6603	Bheemidi Ruthvik Reddy	0	0
17	20Q61A6604	Durgam Swamy	36	100
18	20Q61A6605	G Diwakar	36	100
19	20Q61A6606	Ganure Dinesh	36	100
20	20Q61A6607	Jella Priyanka	36	100
21	20Q61A6608	Kalali Vinesh Goud-	36	100
22	20Q61A6609	Karakatla Vyshnavi	36	100
23	20Q61A6610	Kavali Madhu	36	100
24	20Q61A6611	Lakavath Shirisha-Cancled	36	100
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26	20Q61A6613	Mohammed Uman	36	100
27	20Q61A6614	Nelavalli Dinesh Chowdary	36	100
28	20Q61A6615	Parsha Vamshi Krishna	36	100
29	20Q61A6616	Parupally Girija	36	100
30	20Q61A6617	Sapavath Lokesh	36	100
31	20Q61A6618	Sharma Meenakshi	36	100
32	20Q61A6619	Suryadevara Ujwala	0	0
33	20Q61A6620	Venkaiahgari Vinay	36	100

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34	20Q61A6621	Yelpula Sai Teja	36	100
35	20Q61A6622	Bhagath Vamshi	36	100
36	20Q61A6623	Chinthakindi Murari	36	100
37	20Q61A6624	Duddukuri Sandeep	36	100
38	20Q61A6625	Goshika Shiva Krishna	36	100
39	20Q61A6626	Katepally Saikumar	36	100
40	20Q61A6627	Koppisetti Joshna Satwika	36	100
41	20Q61A6628	Oddhi Vignesh	36	100
42	20Q61A6629	Padamati Karthik Reddy	36	100
43	20Q61A6630	Sanku Vaishnavi	36	100
44	20Q61A6631	Sunkoju Harini	0	0
45	20Q61A6632	Veeramalla Ramu	36	100
46	20Q61A6633	Balu Reddi Prakash	36	100
47	21Q65A6601	B Mahender	36	100
48	21Q65A6602	Bodige Pooja	36	100
49	21Q65A6603	Katroth Vignesh Nayak	0	0
50	21Q65A6604	Somala Likhitha	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-04-2023

COURSE REPORT

Name of The Value added course: ETL TESTING
Day/Duration: 36 Hours
Time: 09:30 am to 04:00 pm
Resource Person: Mr.R.Ravi Kishore, Subject Experts, Excelr Solutions.
Name of the Coordinator: Mr.M.Srinath, Assistant Professor.
Number of the Participants: 45
Topics covered: The following topics covered in this program

- ➤ Data Warehouse Architecture.
- ➤ ETL architecture.
- ➤ Challenges in DWH ETL Testing compare to other testing..
- ➤ Types of ETL Testing.
- ➤ Different ETL tools available in the market Informatics.

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EXCELR
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CERTIFICATE

OF PARTICIPATION

Mr./Ms. **B.VAMSHI** Bearing Roll.No **20Q61A6622** pursuing B.Tech. III. Year,Department of **COMPUTER SCIENCE AND**

ENGINEERING from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated

in "ETL Testing" Organized by '**EXCELR Raising excellence**' During dates **27/03/2023** to **01/04/2023**.

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Computer Science & Engineering
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Gunthapally (V), Abdullapurmet (M), R R Dist-501512

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OF PARTICIPATION

Mr./Ms. **G.AKHILA** Bearing Roll.No **20Q61A6706** pursuing B.Tech. III. Year,Department of **COMPUTER SCIENCE AND**

ENGINEERING from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated

in "ETL Testing" Organized by '**EXCELR Raising excellence**' During dates **27/03/2023** to **01/04/2023**.
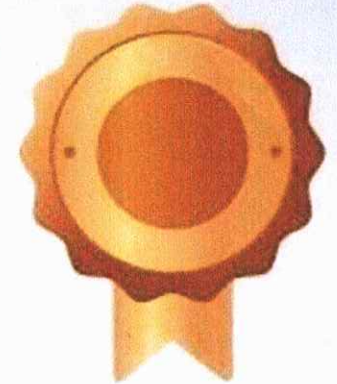
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/II/02   **Date: 02-05-2023**

CIRCULAR

This is to inform all the II B.Tech CSD students that, the Department organizing a Value Added Course on **"Sqlite Data Base Using Node.Js"**. The course is scheduled to run for 06 days from 08-05-2023 to 13-05-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr.M.Jagadish with Webtek Labs Pvt Ltd

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Notice board

II-II B. Tech CSD students

Dept. file

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ABOUT THE COURSE

To use SQLite with Node. js, you need a database client that connects to an SQLite database and sends SQL statements from your application to the database for execution. One of the popular choices is the node-sqlite3 package that provides asynchronous bindings for SQLite 3

COURSE OBJECTIVES

- Understand the JavaScript and technical concepts behind Node JS
- Structure a Node application in modules
- Understand and use the Event Emitter
- Understand Buffers, Streams, and Pipes
- Build a Web Server in Node and understand how it really works
- Use npm and manage node packages

EXPECTED OUTCOMES

- Understand the structure and design of databases.
- Understand the importance and major issues of database security and the maintenance of data integrity.

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ADD-ON COURSE ON

"SQLITE DATA BASE USING NODE.JS"

08th MAY TO 13TH MAY,2023

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (M)

Resource Person
Mr.M.Jagadish
Technical Trainer
Webtek Labs Pvt Ltd

Co-ordinator
Mr.B.Naveen Kumar
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:-06th MAY,2023

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **SQLITE DATA BASE USING NODE.JS**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-II SEM CSM

Course Objectives:

- Understand The JavaScript And Technical Concepts Behind Nodo JS
- Structure A Node Application In Modes
- Understand Buffer Streams And Pipes
- Build A Web Server In Node And Understand How It Really Works
- Use Npm And Manage Node Package

Course Outcomes:

- Understand the Structure and design of databases.
- Understand the importance and major issues of data base security and the maintained of data integrity.

Course Syllabus

Overview of SQLite
- Introduction of SQLite
- SQLite Features
- SQLite Advantage
- SQLite Installation
- SQLite Commands
- SQLite Syntax
- SQLite Data Type
- SQLite Operators
- SQLite Expressions

Databases
- SQLite Create DB
- SQLite Attach DB
- SQLite Detach DBTable
- SQLite Create Table

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- SQLite Drop Table

CRUD Opertion

- SQLite Insert Query
- SQLite Select Query
- SQLite Update Query
- SQLite Delete Query

Condition

- SQLite Where
- SQLiteAND
- SQLiteOR
- SQLite LIKE
- SQLite Glob
- SQLite Limit
- SQLite Order By
- SQLite Group By
- SQLite Having
- SQLite Distinct
- SQLite Union
- SQLite Union AllSQLite

Joins

- SQLite Inner Join
- SQLite Outer Join
- SQLite Cross Join

SQLite Date & Time

- SQLite Date and Time
- SQLite dateO
- SQLire cia1erimeO
- SQLite julianddayO
- SQLite nowQ
- SQLite strftimeO
- SQLite time()

SQLite Triggers

- SQLite Triggers
- After Insert
- After Update
- After Delete

SQLiteKeys

- Primary Key

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- Foreign Key

Connectivity

- Java SQLite
- PHP SQLite
- Python SQLite

Introduction to Node JS

- Introduction
- What is Node JS?
- Advantages of Node JS
- Traditional Web Server Model

Setup Dev Environment

- Install Node.js on Windows
- Installing in Mac os
- Working in REPL
- Node JS Console

Node JS Modules

- Function
- Buffer
- Module
- Module Types
- Core Modules
- Local Modules
- Module. Exports

Node Package Manager

- What is NPM
- installing Packages Locally
- Adding dependency in package. son
- Installing packages globally
- Updating packages

Creating Web server

- Creating web server
- Handling http requests
- Sending requests

File System

- Fs.readFile
- Writing a File
- Writing a file asynchronously
- Opening a file

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- Other IO Operations

Debugging Node JS Application

- Core Node JS debugger
- Debuting with Visual Studio

Events

- Event Emitter class
- Inhering events

Express.JS

- Configuring routes
- Working with express

Serving Static Resources

- Serving static files
- Working with middle ware

Database connectivity

- Connection string
- Configuring
- Working with select command
- Updating records
- Deleting records

Template Engines

- Why Template Engine
- What is Jade

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-II SEM CSM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	SQLITE DATA BASE USING NODE.JS	BREAK	SQLITE DATA BASE USING NODE.JS	LUNCH	SQLITE DATA BASE USING NODE.JS	BREAK	SQLITE DATA BASE USING NODE.JS
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE: SQLITE DATA BASE USING NODE.JS

ACADEMIC YEAR: 2022-2023   **Date: 02-05-2023**

B.TECH II YEAR-II SEM CSM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	08-05-2023	Databases SQLite Attach DB SQLite Detach DBTable SQLite Create Table SQLite Drop Table CRUD Opertion SQLite Insert Query SQLite Select Query SQLite Update Query SQLite Delete Query .	09:30 am to 04:00 pm	6 hour
2	09-05-2023	Joins: SQLite Inner Join SQLite Outer Join SQLite Cross Join SQLite Date & Time , SQLite Triggers	09:30 am to 04:00 pm	6 hour
3	10-05-2023	Primary Key Foreign Key Java SQLite PHP SQLite.	09:30 am to 04:00 pm	6 hour
4	11-05-2023	Introduction What is Node JS? Advantages of Node JS Traditional Web Server Model	09:30 am to 04:00 pm	6 hour
5	12-05-2023	Express.JS: Configuring routes Working with express	09:30 am to 04:00 pm	6 hour
6	13-05-2023	Database connectivity Connection string Configuring Working with select command Updating records Deleting records	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

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II B.TECH-II SEM CSM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A6601	Akula Sindhu
2	21Q61A6602	Alluri Dhana Laxmi Sai Priya
3	21Q61A6603	Amboth Naresh
4	21Q61A6604	Ankulgari Veena
5	21Q61A6605	Banoth Kamalakar
6	21Q61A6606	Chandragiri Rajesh
7	21Q61A6607	Cheruku Archana
8	21Q61A6608	Dolai Souvik
9	21Q61A6609	Embadi Niharika
10	21Q61A6610	Gandla Srinu
11	21Q61A6611	Godugu Sai Sanjay
12	21Q61A6612	Goli Tharun
13	21Q61A6613	Gontla Ganesh
14	21Q61A6614	Govathoti Srikar Priyatham
15	21Q61A6615	Gundu Mahendra
16	21Q61A6616	Jarpula Charan
17	21Q61A6617	Jatothu Suman
18	21Q61A6618	Jilapallywar Ashritha
19	21Q61A6619	KammariRajasruthi
20	21Q61A6620	Kowdagani Bhavani
21	21Q61A6621	M S V S Laasya Lahari
22	21Q61A6622	Madugula Deekshitha
23	21Q61A6623	Mahamadabad Manasa
24	21Q61A6624	Majjigapu Rajashekar
25	21Q61A6625	Manda Jaswanth
26	21Q61A6626	Manda Nikhil
27	21Q61A6627	Manda Usha Rani
28	21Q61A6628	Mangaji Bhavana
29	21Q61A6629	Marati Goutham
30	21Q61A6630	Mudavath Santhosh
31	21Q61A6631	Nagarjunapu Bhuvana
32	21Q61A6632	Narketpally Gayatri
33	21Q61A6633	Nayakawadi Anuradha
34	21Q61A6634	Obilineni Saisindhu

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35	21Q61A6635	Pachigolla Israel Raju
36	21Q61A6636	Panja Ajay Kumar
37	21Q61A6637	Pasupulati Nanditha Durga
38	21Q61A6638	Punna Rajashekhar
39	21Q61A6639	Rallabandi Pujitha
40	21Q61A6640	Ramagiri Pranav Vardhan
41	21Q61A6641	Rapelli Haripriya
42	21Q61A6642	Sapavath Ranga
43	21Q61A6643	Seelam Vijaya Sagar
44	21Q61A6644	Thotla Rishitha
45	21Q61A6645	Voduri Naga Bhavani
46	21Q61A6646	Mallelli Devendar Goud
47	21Q61A6647	Burra Manideep
48	21Q61A6648	Derangula Mohan Sai Teja
49	21Q61A6649	Gaddam Eekshitha
50	21Q61A6650	Ganganamoni Sai Charan
51	21Q61A6651	Gurrala Naga Sai
52	21Q61A6652	Jangili Tejaswi
53	21Q61A6653	Kommavarapu Vishnu Kowsik
54	21Q61A6654	Konatham Mahesh Reddy
55	21Q61A6655	Mallampati Jashwanth
56	21Q61A6656	Mandalapu Gowtham
57	21Q61A6657	Medagam Ramya
58	21Q61A6658	Regula Girish Kumar
59	21Q61A6659	Sama Ankitha
60	21Q61A6660	Sarfaraz Alam
61	21Q61A6661	Veeramanikanta Adapala
62	21Q61A6662	Vennu Sai Teja
63	21Q61A6663	Venkata Swamy Puppala
64	21Q61A6664	M Farhan Aarish
65	22Q65A6601	Kalakanti Sanjeev
66	22Q65A6602	Mudimadugula Sravan
67	22Q65A6603	Naroju Aditya
68	22Q65A6604	Yadla Sunny

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The Students of II-Year B.Tech certificate program attending "Sqlite Database Using NodJS" by the resource person "Mrs.M.Jagadish" by 'Webtek Labs Pvt Ltd'.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SQLITE DATA BASE USING NODE.JS

II B.Tech-II SEM CSM   **A.Y 2022-2023**   **Date:02-05-2023**

DAYWISE ATTANDANCE SHEET

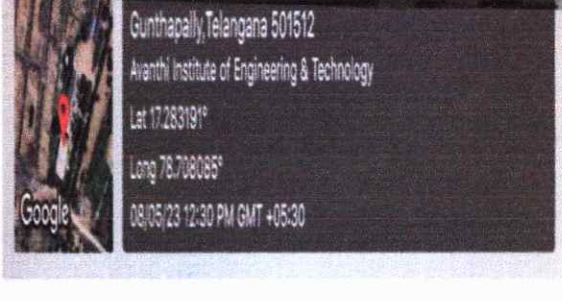| S.No	Roll Number	Name of The Student	08.05.23	09.05.23	10.05.23	11.05.23	12.05.23	13.05.23
1	21Q61A6601	Akula Sindhu	P	P	P	P	P	P
2	21Q61A6602	Alluri Dhana Laxmi Sai Priya	P	P	P	P	P	P
3	21Q61A6603	Amboth Naresh	P	P	P	P	P	P
4	21Q61A6604	Ankulgari Veena	P	P	P	P	P	P
5	21Q61A6605	Banoth Kamalakar	P	P	P	P	P	P
6	21Q61A6606	Chandragiri Rajesh	P	P	P	P	P	P
7	21Q61A6607	Cheruku Archana	P	P	P	P	P	P
8	21Q61A6608	Dolai Souvik	P	P	P	P	P	P
9	21Q61A6609	Embadi Niharika	P	P	P	P	P	P
10	21Q61A6610	Gandla Srinu	P	P	P	P	P	P
11	21Q61A6611	Godugu Sai Sanjay	P	P	P	P	P	P
12	21Q61A6612	Goli Tharun	P	P	P	P	P	P
13	21Q61A6613	Gontla Ganesh	P	P	P	P	P	P
14	21Q61A6614	Govathoti Srikar Priyatham	P	P	P	P	P	P
15	21Q61A6615	Gundu Mahendra	P	P	P	P	P	P
16	21Q61A6616	Jarpula Charan	P	P	P	P	P	P
17	21Q61A6617	Jatothu Suman	P	P	P	P	P	P
18	21Q61A6618	Jilapallywar Ashritha	A	A	A	A	A	A
19	21Q61A6619	KammariRajasruthi	P	P	P	P	P	P
20	21Q61A6620	Kowdagani Bhavani	P	P	P	P	P	P
21	21Q61A6621	M S V S Laasya Lahari	P	P	P	P	P	P
22	21Q61A6622	Madugula Deekshitha	P	P	P	P	P	P
23	21Q61A6623	Mahamadabad Manasa	P	P	P	P	P	P
24	21Q61A6624	Majjigapu Rajashekar	P	P	P	P	P	P
25	21Q61A6625	Manda Jaswanth	P	P	P	P	P	P
26	21Q61A6626	Manda Nikhil	P	P	P	P	P	P
27	21Q61A6627	Manda Usha Rani	P	P	P	P	P	P
28	21Q61A6628	Mangaji Bhavana	P	P	P	P	P	P
29	21Q61A6629	Marati Goutham	P	P	P	P	P	P
30	21Q61A6630	Mudavath Santhosh	P	P	P	P	P	P
31	21Q61A6631	Nagarjunapu Bhuvana	P	P	P	P	P	P
32	21Q61A6632	Narketpally Gayatri	P	P	P	P	P	P
33	21Q61A6633	Nayakawadi Anuradha	P	P	P	P	P	P
34	21Q61A6634	Obilineni Saisindhu	P	P	P	P	P	P
35	21Q61A6635	Pachigolla Israel Raju	P	P	P	P	P	P
36	21Q61A6636	Panja Ajay Kumar	P	P	P	P	P	P
37	21Q61A6637	Pasupulati Nanditha Durga	P	P	P	P	P	P

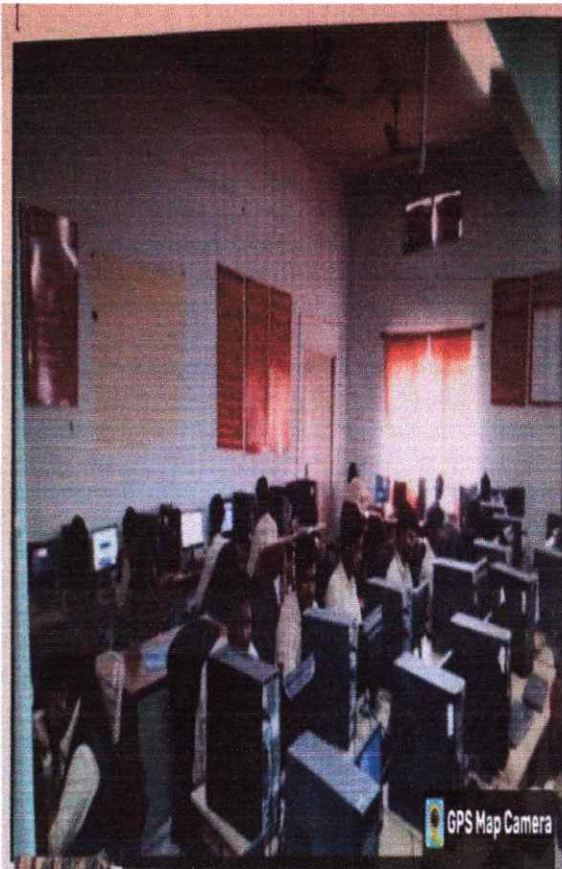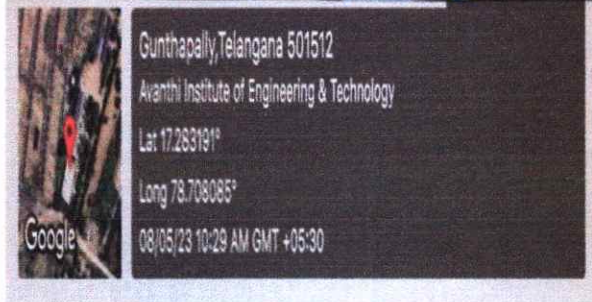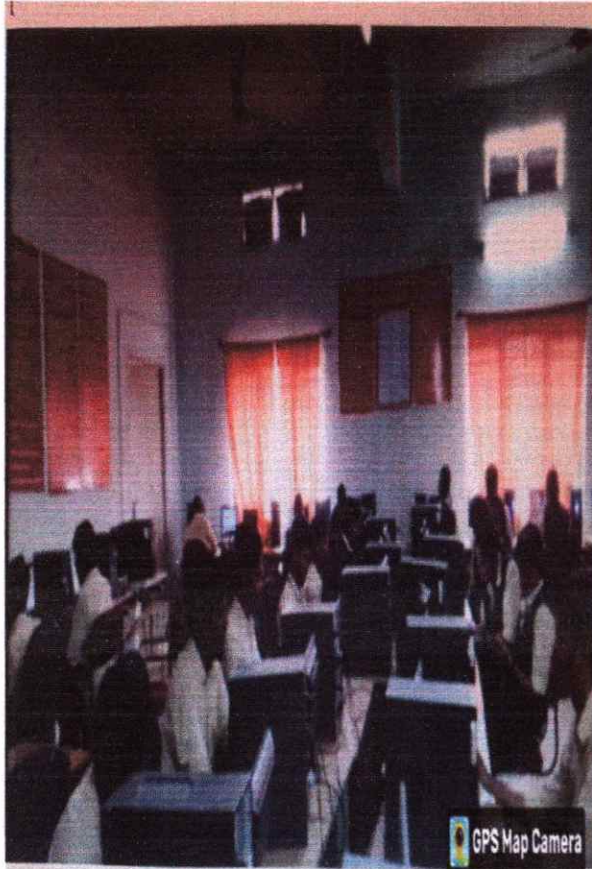Avanthi Institute of Engineering and Technology

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38	21Q61A6638	Punna Rajashekhar	P	P	P	P	P	P
39	21Q61A6639	Rallabandi Pujitha	P	P	P	P	P	P
40	21Q61A6640	Ramagiri Pranav Vardhan	P	P	P	P	P	P
41	21Q61A6641	Rapelli Haripriya	P	P	P	P	P	P
42	21Q61A6642	Sapavath Ranga	P	P	P	P	P	P
43	21Q61A6643	Seelam Vijaya Sagar	P	P	P	P	P	P
44	21Q61A6644	Thotla Rishitha	P	P	P	P	P	P
45	21Q61A6645	Voduri Naga Bhavani	P	P	P	P	P	P
46	21Q61A6646	Mallelli Devendar Goud	P	P	P	P	P	P
47	21Q61A6647	Burra Manideep	P	P	P	P	P	P
48	21Q61A6648	Derangula Mohan Sai Teja	A	A	A	A	A	A
49	21Q61A6649	Gaddam Eekshitha	P	P	P	P	P	P
50	21Q61A6650	Ganganamoni Sai Charan	P	P	P	P	P	P
51	21Q61A6651	Gurrala Naga Sai	P	P	P	P	P	P
52	21Q61A6652	Jangili Tejaswi	P	P	P	P	P	P
53	21Q61A6653	Kommavarapu Vishnu Kowsik	P	P	P	P	P	P
54	21Q61A6654	Konatham Mahesh Reddy	P	P	P	P	P	P
55	21Q61A6655	Mallampati Jashwanth	P	P	P	P	P	P
56	21Q61A6656	Mandalapu Gowtham	P	P	P	P	P	P
57	21Q61A6657	Medagam Ramya	P	P	P	P	P	P
58	21Q61A6658	Regula Girish Kumar	P	P	P	P	P	P
59	21Q61A6659	Sama Ankitha	P	P	P	P	P	P
60	21Q61A6660	Sarfaraz Alam	P	P	P	P	P	P
61	21Q61A6661	Veeramanikanta Adapala	P	P	P	P	P	P
62	21Q61A6662	Vennu Sai Teja	P	P	P	P	P	P
63	21Q61A6663	Venkata Swamy Puppala	A	A	A	A	A	A
64	21Q61A6664	M Farhan Aarish	P	P	P	P	P	P
65	22Q65A6601	Kalakanti Sanjeev	P	P	P	P	P	P
66	22Q65A6602	Mudimadugula Sravan	P	P	P	P	P	P
67	22Q65A6603	Naroju Aditya	P	P	P	P	P	P
68	22Q65A6604	Yadla Sunny	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: SQLITE DATA BASE USING NODE.JS

II B.TECH-II SEM CSM   **A.Y 2022-2023**   **Date: 08-05-2023 to 13-05-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A6601	Akula Sindhu	36	100
2	21Q61A6602	Alluri Dhana Laxmi Sai Priya	36	100
3	21Q61A6603	Amboth Naresh	36	100
4	21Q61A6604	Ankulgari Veena	36	100
5	21Q61A6605	Banoth Kamalakar	36	100
6	21Q61A6606	Chandragiri Rajesh	36	100
7	21Q61A6607	Cheruku Archana	36	100
8	21Q61A6608	Dolai Souvik	36	100
9	21Q61A6609	Embadi Niharika	36	100
10	21Q61A6610	Gandla Srinu	36	100
11	21Q61A6611	Godugu Sai Sanjay	36	100
12	21Q61A6612	Goli Tharun	36	100
13	21Q61A6613	Gontla Ganesh	36	100
14	21Q61A6614	Govathoti Srikar Priyatham	36	100
15	21Q61A6615	Gundu Mahendra	36	100
16	21Q61A6616	Jarpula Charan	36	100
17	21Q61A6617	Jatothu Suman	36	100
18	21Q61A6618	Jilapallywar Ashritha	0	0
19	21Q61A6619	KammariRajasruthi	36	100
20	21Q61A6620	Kowdagani Bhavani	36	100
21	21Q61A6621	M S V S Laasya Lahari	36	100
22	21Q61A6622	Madugula Deekshitha	36	100
23	21Q61A6623	Mahamadabad Manasa	36	100
24	21Q61A6624	Majjigapu Rajashekar	36	100
25	21Q61A6625	Manda Jaswanth	36	100
26	21Q61A6626	Manda Nikhil	36	100
27	21Q61A6627	Manda Usha Rani	36	100
28	21Q61A6628	Mangaji Bhavana	36	100
29	21Q61A6629	Marati Goutham	36	100
30	21Q61A6630	Mudavath Santhosh	36	100
31	21Q61A6631	Nagarjunapu Bhuvana	36	100
32	21Q61A6632	Narketpally Gayatri	36	100
33	21Q61A6633	Nayakawadi Anuradha	36	100

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34	21Q61A6634	Obilineni Saisindhu	36	100
35	21Q61A6635	Pachigolla Israel Raju	36	100
36	21Q61A6636	Panja Ajay Kumar	36	100
37	21Q61A6637	Pasupulati Nanditha Durga	36	100
38	21Q61A6638	Punna Rajashekhar	36	100
39	21Q61A6639	Rallabandi Pujitha	36	100
40	21Q61A6640	Ramagiri Pranav Vardhan	36	100
41	21Q61A6641	Rapelli Haripriya	36	100
42	21Q61A6642	Sapavath Ranga	36	100
43	21Q61A6643	Seelam Vijaya Sagar	36	100
44	21Q61A6644	Thotla Rishitha	36	100
45	21Q61A6645	Voduri Naga Bhavani	36	100
46	21Q61A6646	Mallelli Devendar Goud	36	100
47	21Q61A6647	Burra Manideep	36	100
48	21Q61A6648	Derangula Mohan Sai Teja	0	0
49	21Q61A6649	Gaddam Eekshitha	36	100
50	21Q61A6650	Ganganamoni Sai Charan	36	100
51	21Q61A6651	Gurrala Naga Sai	36	100
52	21Q61A6652	Jangili Tejaswi	36	100
53	21Q61A6653	Kommavarapu Vishnu Kowsik	36	100
54	21Q61A6654	Konatham Mahesh Reddy	36	100
55	21Q61A6655	Mallampati Jashwanth	36	100
56	21Q61A6656	Mandalapu Gowtham	36	100
57	21Q61A6657	Medagam Ramya	36	100
58	21Q61A6658	Regula Girish Kumar	36	100
59	21Q61A6659	Sama Ankitha	36	100
60	21Q61A6660	Sarfaraz Alam	36	100
61	21Q61A6661	Veeramanikanta Adapala	36	100
62	21Q61A6662	Vennu Sai Teja	0	0
63	21Q61A6663	Venkata Swamy Puppala	36	100
64	21Q61A6664	M Farhan Aarish	36	100
65	22Q65A6601	Kalakanti Sanjeev	36	100
66	22Q65A6602	Mudimadugula Sravan	36	100
67	22Q65A6603	Naroju Aditya	36	100
68	22Q65A6604	Yadla Sunny	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 20-05-2023

PROGRAM REPORT

Name of The Value added course: SQLITE DATA BASE USING NODE.JS
Day/Duration: 36 Hours
Time: 09:30 am to 04:00 pm
Resource Person: Mr.M.Jagadish, Technical Trainer, Webtek Labs Pvt Ltd.
Name of the Coordinator: Mr.B.Naveen Kumar, Assistant Professor.
Number of the Participants: 65
Topics covered: The following topics covered in this program

- ➤ Overview of SQLite.
- ➤ Joins, SQLite Date & Time.
- ➤ SQLite Keys, Connectivity.
- ➤ Introduction to Node JS.
- ➤ Debugging Node JS Application.

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Ranga Reddy District.

Avanthi Institute of Engineering and Technology

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SINDHU** Bearing Reg.No **21Q61A6601** is participated in **"SQLITE data Base using Node.JS"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **08/05/2023** to **13/05/2023**.

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Ranga Reddy Dist, Telangana.

Head of the Department
HOD CSE
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Y.SUNNY** Bearing Reg.No **22Q65A6604** is participated in **"SQLITE data Base using Node.JS"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **08/05/2023** to **13/05/2023**.

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Head of the Department
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...Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2022-23/II/03   Date: 01-06-2023

CIRCULAR

This is to inform all the II B. Tech & I.M.Tech CSE students that, the Department organizing a Value Added Course on **"A Compile Guide to Java Spring MVC"**. The course is scheduled to run for 06 days from 05-06-2023 to 10-06-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.H.Devansh with ASK Training Service

HOD

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Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Copy to:

The principal, for kind information

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Notice board

II-II B. Tech CSE students

Dept. file

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ABOUT THE COURSE

Spring MVC is a Java framework that is used to develop web applications. It is built on a Model-View-Controller (MVC) pattern and possesses all the basic features of a spring framework, such as Dependency Injection, Inversion of Control.

COURSE OBJECTIVES

- Define beans and autowire them as required.

- Setup and develop web-based applications.

- Include database access with object persistence and transaction support

EXPECTED OUTCOMES

- Web and Data access using Spring Boot.

- Developer tools and test support provided in Spring Boot.

- Operational features used in Spring Boot.

Resource Person
Mr.H.Devansh
Subject Expert
ASK Training Service

Co-ordinator
Mrs.K.Uma
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:-03rd JUNE,2023

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spring MVC

ADD-ON COURSE ON

"A COMPILE GUIDE TO JAVA SPRING MVC"

05th JUNE TO 10th JUNE,2023

DURATION OF THE COURSE 36 HRS

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ORGANIZED BY :
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: A COMPILE GUIDE TO JAVA SPRING MVC

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

II B. TECH & I.M.TECH -II SEM

Course Objectives:

- Define beans and auto wire them as required.
- Setup and develop web-Based applications.
- Include database access with persistence and transaction support

Course Outcomes:

- Web and Data access using Spring Boot.
- Developer tools and test support provided in Spring Boot.
- Operational features used in Spring Boot.

Course Syllabus

SPRING- OVERVIEW
- Dependency Injection (DI)
- Aspects Oriented Programming

SPRING- ARCHITECTURE
- Core Container
- Data Access/ Integration
- Web
- Miscellaneous

SPRING- IOC CONTAINERS
- Spring Bean factory Container
- Spring Application Context Container

SPRING- BEAN SCOPES
- The Singleton Scope
- The Prototype Scope

SPRING- BEANS AUTOWIRING
- Autowiring Modes
- Auto wiring bynames
- Auto wiring by Type

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- Auto wiring by Constructor

SPRING- JDBC FRAME WORK
- JDBC Template Class
- Configuration Data Source
- Data Access Object (DAO)
- Executing SQL Statements
- Executing DDL Statements
- Spring JDBC Framework Examples
- Spring JDBC Examples

SPRING- TRANSACTION MANAGEMENT

- Local vs. Global Transactions
- Programmatic vs Declarative
- Programmatic Transactions Management
- Declarative Transactions Management
- Spring Transactions Abstractions

SPRING- WEB MVC FRAMEWORK

- The Dispatcher Servlet
- Required Configuration
- Defining a Controller
- Spring- Web MVC Framework Examples
- Spring- MVC Hello Handling Examples
- Spring Page Redirection Examples
- Spring Static Page Examples

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TIME TABLE

CLASS: II YEAR- II SEM

SECTION: C

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	A Compile Guide to Java Spring MVC	BREAK	A Compile Guide to Java Spring MVC	LUNCH	A Compile Guide to Java Spring MVC	BREAK	A Compile Guide to Java Spring MVC
TUE							
WED							
THU							
FRI							
SAT							

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Ranga Reddy Dist, Telangana.

HOD

Head of the Department

Computer Science & Engineering

Avanthi Institute of Engineering & Technology

Gunthapally (Vill), Abdullapur Met (Mdl,,

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: A COMPILE GUIDE TO JAVA SPRING MVC

ACADEMIC YEAR: 2022-2023   **Date: 01-06-2023**

II B. TECH & I.M.TECH -II SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	05-06-2023	Dependency Injection (DI) Aspects Oriented Programming	09:30 am to 04:00 pm	6 hour
2	06-06-2023	Core Container Data Access/ Integration Web	09:30 am to 04:00 pm	6 hour
3	07-06-2023	Auto wiring Modes Auto wiring bynames Auto wiring by Type	09:30 am to 04:00 pm	6 hour
4	08-06-2023	JDBC Template Class Configuration Data Source Data Access Object (DAO) Executing SQL Statements Executing DDL Statements	09:30 am to 04:00 pm	6 hour
5	09-06-2023	Local vs. Global Transactions Programmatic vs Declarative Programmatic Transactions Management Declarative Transactions Management Spring Transactions Abstractions	09:30 am to 04:00 pm	6 hour
6	10-06-2023	The Dispatcher Servlet Required Configuration Defining a Controller Spring- Web MVC Framework Examples	09:30 am to 04:00 pm	6 hour
			Total -36 hours	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: A COMPILE GUIDE TO JAVA SPRING MVC

II B. Tech &I.M.Tech-II SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	21Q61A05F3	Thammaneni Prasanth
2	21Q61A05F4	Vadthyavath Manasa
3	21Q61A05F5	Dhadi Vyshali
4	21Q61A05F6	Bondla Yavan Teja
5	21Q61A05F7	Telukutla Aditya Reddy
6	21Q61A05F8	Essapally Aravind
7	21Q61A05F9	Duddugunta Sai Krishna
8	21Q61A05G0	Nalluri Venkatapavan
9	21N21A0504	Vasthupula Sneha
10	22Q65A0501	Aparadha Rohith
11	22Q65A0502	Bomma Nithin Kumar
12	22Q65A0503	Chowdam Samanvitha
13	22Q65A0504	Dasari Mahender
14	22Q65A0505	Gola Harshith Kumar
15	22Q65A0506	Kadavath Bharath
16	22Q65A0507	Kakumani Anirudh
17	22Q65A0508	Manne Srujan
18	22Q65A0509	Nethikar Karthik
19	22Q65A0510	Payyavula Arun Kumar
20	22Q65A0511	SabhavathSheshu
21	22Q65A0512	Thuppathuri Prashanth
22	22Q65A0513	Torrem Saikumar
23	22Q65A0514	Kolli Satyabaji Pavan Kishore
24	22Q65A0515	Dasari Akhil
25	22Q65A0516	Perika Nithin
26	22Q65A0517	Chanddragiri Nandakishore
27	22Q65A0518	Mandala Poojitha
28	22Q65A0519	Kandagatla Sathyanarayana
29	22Q61D5801	Ganji Aditya
30	22Q61D5802	Gundu Sairam
31	22Q61D5803	Kasaragoni Sudharani
32	22Q61D5804	Komaraju Sindhuri

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33	22Q61D5805	Kupparaju Pranavi
34	22Q61D5806	Mohd Afzal
35	22Q61D5807	Thummala Santhosh
36	22Q61D5808	VenkateswarluDuggempudi
37	22Q61D5809	Palaparthi Alekya

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The Students of II Year B.Tech Certificate Program attending "A Compile Guide To Java Spring MVC" By Resource Person "Mr.H.Devansh" With 'ASK Training Service'

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: A COMPILE GUIDE TO JAVA
SPRING MVC

II B. Tech &I.M.Tech-II SEM   A.Y 2022-2023   Date: 01-06-2023

DAYWISE ATTANDANCE SHEET

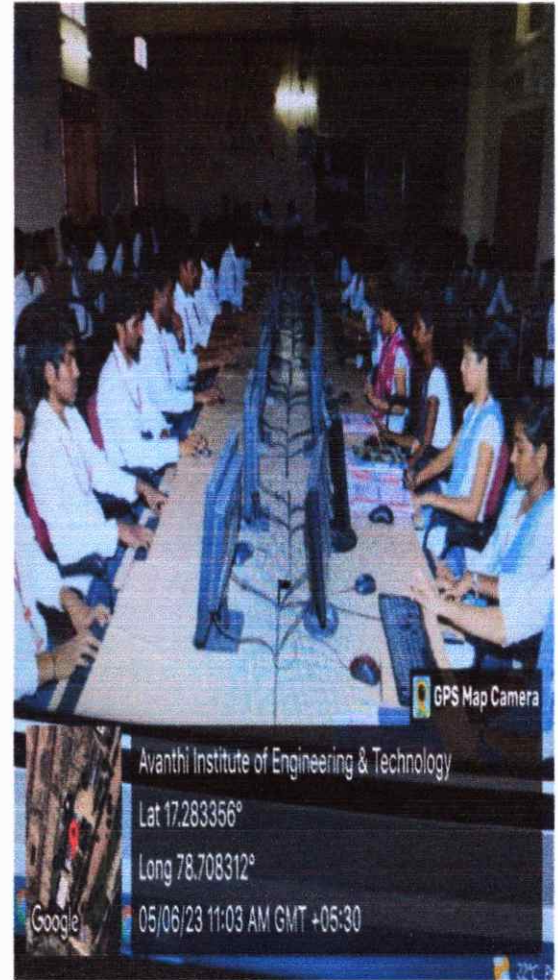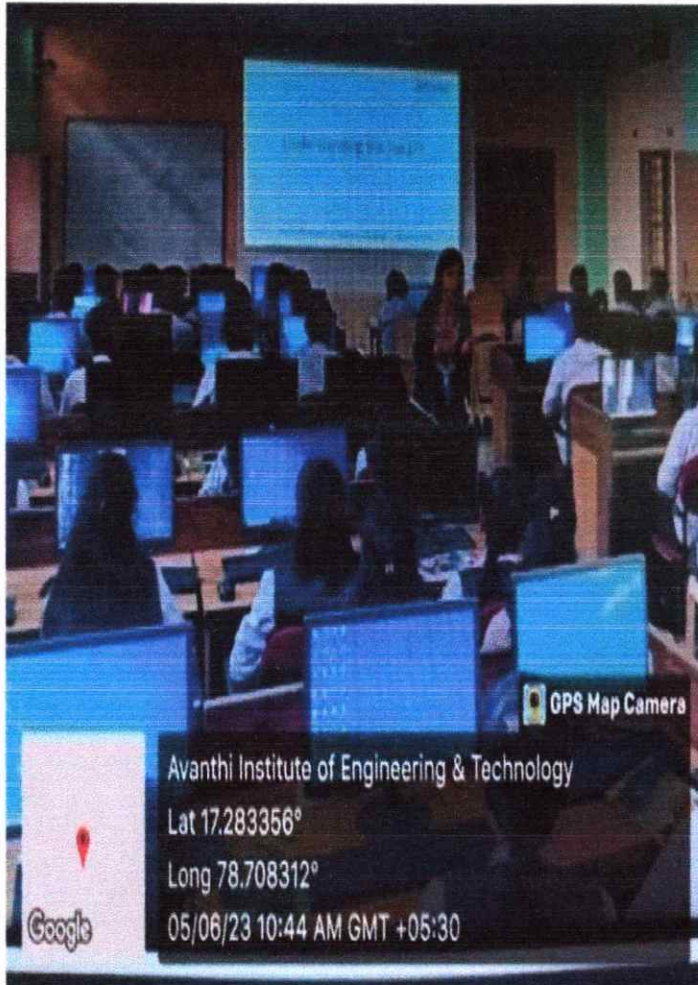| S.No	Roll Number	Name of The Student	05.06.23	06.06.23	07.06.23	08.06.23	09.06.23	10.06.23
1	21Q61A05F3	Thammaneni Prasanth	P	P	P	P	P	P
2	21Q61A05F4	Vadthyavath Manasa	P	P	P	P	P	P
3	21Q61A05F5	Dhadi Vyshali	P	P	P	P	P	P
4	21Q61A05F6	Bondla Yavan Teja	P	P	P	P	P	P
5	21Q61A05F7	Telukutla Aditya Reddy	P	P	P	P	P	P
6	21Q61A05F8	Essapally Aravind	P	P	P	P	P	P
7	21Q61A05F9	Duddugunta Sai Krishna	P	P	P	P	P	P
8	21Q61A05G0	Nalluri Venkatapavan	P	P	P	P	P	P
9	21N21A0504	Vasthupula Sneha	P	P	P	P	P	P
10	22Q65A0501	Aparadha Rohith	P	P	P	P	P	P
11	22Q65A0502	Bomma Nithin Kumar	P	P	P	P	P	P
12	22Q65A0503	Chowdam Samanvitha	P	P	P	P	P	P
13	22Q65A0504	Dasari Mahender	P	P	P	P	P	P
14	22Q65A0505	Gola Harshith Kumar	P	P	P	P	P	P
15	22Q65A0506	Kadavath Bharath	P	P	P	P	P	P
16	22Q65A0507	Kakumani Anirudh	P	P	P	P	P	P
17	22Q65A0508	Manne Srujan	P	P	P	P	P	P
18	22Q65A0509	Nethikar Karthik	P	P	P	P	P	P
19	22Q65A0510	Payyavula Arun Kumar	P	P	P	P	P	P
20	22Q65A0511	Sabhavath Sheshu	P	P	P	P	P	P
21	22Q65A0512	Thuppathuri Prashanth	P	P	P	P	P	P
22	22Q65A0513	Torrem Saikumar	P	P	P	P	P	P
23	22Q65A0514	Kolli Satyabaji Pavan Kishore	P	P	P	P	P	P
24	22Q65A0515	Dasari Akhil	P	P	P	P	P	P
25	22Q65A0516	Perika Nithin	P	P	P	P	P	P
26	22Q65A0517	Chanddragiri Nandakishore	P	P	P	P	P	P
27	22Q65A0518	Mandala Poojitha	P	P	P	P	P	P
28	22Q65A0519	Kandagatla Sathyanarayana	P	P	P	P	P	P
29	22Q61D5801	Ganji Aditya	P	P	P	P	P	P
30	22Q61D5802	Gundu Sairam	P	P	P	P	P	P

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31	22Q61D5803	Kasaragoni Sudharani	P	P	P	P	P	P
32	22Q61D5804	Komaraju Sindhuri	P	P	P	P	P	P
33	22Q61D5805	Kupparaju Pranavi	P	P	P	P	P	P
34	22Q61D5806	Mohd Afzal	P	P	P	P	P	P
35	22Q61D5807	Thummala Santhosh	P	P	P	P	P	P
36	22Q61D5808	VenkateswarluDuggempudi	P	P	P	P	P	P
37	22Q61D5809	Palaparthi Alekya	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **A COMPILE GUIDE TO JAVA SPRING MVC**

II B. Tech &I.M.Tech-II SEM   A.Y 2022-2023   Date: 05-06-2023 to 10-06-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A05F3	Thammaneni Prasanth	36	100
2	21Q61A05F4	Vadthyavath Manasa	36	100
3	21Q61A05F5	Dhadi Vyshali	36	100
4	21Q61A05F6	Bondla Yavan Teja	36	100
5	21Q61A05F7	Telukutla Aditya Reddy	36	100
6	21Q61A05F8	Essapally Aravind	36	100
7	21Q61A05F9	Duddugunta Sai Krishna	36	100
8	21Q61A05G0	Nalluri Venkatapavan	36	100
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12	22Q65A0503	Chowdam Samanvitha	36	100
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14	22Q65A0505	Gola Harshith Kumar	36	100
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17	22Q65A0508	Manne Srujan	36	100
18	22Q65A0509	Nethikar Karthik	36	100
19	22Q65A0510	Payyavula Arun Kumar	36	100
20	22Q65A0511	SabhavathSheshu	36	100
21	22Q65A0512	Thuppathuri Prashanth	36	100
22	22Q65A0513	Torrem Saikumar	36	100
23	22Q65A0514	Kolli Satyabaji Pavan Kishore	36	100
24	22Q65A0515	Dasari Akhil	36	100
25	22Q65A0516	Perika Nithin	36	100
26	22Q65A0517	Chanddragiri Nandakishore	36	100
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28	22Q65A0519	Kandagatla Sathyanarayana	36	100
29	22Q61D5801	Ganji Aditya	36	100
30	22Q61D5802	Gundu Sairam	36	100
31	22Q61D5803	Kasaragoni Sudharani	36	100

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34	22Q61D5806	Mohd Afzal	36	100
35	22Q61D5807	Thummala Santhosh	36	100
36	22Q61D5808	VenkateswarluDuggempudi	36	100
37	22Q61D5809	Palaparthi Alekya	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 15-06-2023

COURSE REPORT

Name of The Value added course: A Compile Guide to JAVA spring MVC
Day/Duration: 36 Hours
Time: 09:30 am to 04:00 pm
Resource Person: Mr.H.Devansh, Subject Experts, ASK Training Service
Name of the Coordinator: Mrs.K.Uma, Assistant Professor
Number of the Participants: 37
Topics covered: The following topics covered in this program

- ➤ Spring- Architecture
- ➤ Spring- IOC Containers.
- ➤ Spring- JDBC Frame Work.
- ➤ Spring- Transaction Management.
- ➤ Spring- Web MVC Framework

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ASK Training Services

This is to certify that Mr./Ms **P.ALEKYA** bearing Reg.no **22Q61D5809** Has completed **"A compile guide to java spring mvc"** conducted at **Avanthi Institute of Engineering & Technology,** Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **05/06/2023** to **10/06/2023**.

For ASK Training Services

Proprietor

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Gunthapally (Vill), Abdullapur Met (Mdl)
nga Reddy District. Telangana.

ASK Training Services

This is to certify that Mr./Ms **D.VYSHALI** bearing Reg.no **21Q61A05F5** Has completed **"A compile guide to java spring mvc"** conducted at **Avanthi Institute of Engineering & Technology,** Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **05/06/2023** to **10/06/2023**.

For ASK Training Services

Proprietor

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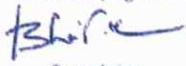
ead of the Department
puter Science & Engineering
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Ranga Reddy District. Telangana.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/I/01   Date: 20-09-2022

CIRCULAR

This is to inform all the III B. Tech ECE students that, the Department organizing a Value Added Course on **"Embedded System Design Based on Arduino"**. The course is scheduled to run for 06 days from 26-09-2022 to 01-10-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in collaboration with Mr.G.Ganesh with Webtek Labs Pvt Ltd

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Notice Board

III.B. Tech ECE students

Dept. file

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ABOUT THE COURSE

In this course you will learn how the Arduino platform works in terms of the physical board and libraries and the IDE (Integrated Development Environment). The course will also cover programming the Arduino using C code and accessing the pins on the board via the software to control external devices

COURSE OBJECTIVES

- Hardware Architecture of Arduino
- Programming Tools of Arduino
- Design development process for Specific Applications

EXPECTED OUTCOMES

- Learn how to prototype circuits with a breadboard.
- Learn the Arduino programming language and IDE.
- Acquire Program basic Arduino examples.
- Prototype circuits and connects them to the Arduino.
- Program the Arduino microcontroller to make the circuits work.

Resource Person	Co-ordinator
Mr.G.Ganesh	Mr.D.Suryaprakash
Subject Expert	Assistant Professor
Webtek Labs Pvt Ltd	Department of ECE

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LAST DATE FOR REGISTRATION: 24th SEP,2022

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ADD-ON COURSE ON
"EMBEDDED SYSTEM DESIGN BASED ON ARDUINO"

26th SEP TO 1st OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **EMBEDDED SYSTEM DESIGN BASED ON ARDUINO**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH III YEAR-I SEM

Course Obejective:

- Hardware Architecture of Arduino
- Programming Tools of Arduino
- Design development process for Specific Applications

Course Outcome:

- Learn how to prototype circuits with a breadboard.
- Learn the Arduino programming language and IDE.
- Acquire Program basic Arduino examples.
- Prototype circuits and connects them to the Arduino.
- Program the Arduino microcontroller to make the circuits work.

UNIT-I: Architecture Review Of Arduino Uno Board I/O ports Capability of Arudino Uno-ADC & its features- Interfacing of Digital Input (LED) and output devices(Switch)-Interfacing of Current sensor and LCD

UNIT-II: Embedded C Programming For Arduino Variables, Looping statements, Logical Operators, Mathematical operators, Programming with Arduino IDE, Compiling and Debugging using IDE

UNIT-III: Design Of Real Time Digital Clock Using Arduino Preparation of Bill of materials, Selection of Displays, Design of Drivers for LED display, Development of algorithm, Add on functions: Setting Time, Date, Selection of Time format, Alarms

UNIT - IV: Deign of Room Temperature Monitor & Visitor Counter Preparation of Bill of materials, Selection of Sensors, Interfacing of Temperature Sensor and IR sensors, Development of algorithm for monitoring and counting.

UNIT - V: Design of Traffic Light Controller Preparation of Bill of materials, Selection of Sensors, Development of algorithm for Traffic Light Control.

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TEXT BOOKS:

1. Massimo Banzi, "Getting Started with Arduino: The Open Source", Shroff Publishers & Distributors Pvt Ltd, 2014

2. Simon Monk, "Programming Arduino: Getting Started with Sketches", McGraw-Hill Education, Second Edition, 2016

REFERENCE BOOKS:

1. Margolis, "Arduino Cookbook", Shroff/O'Reilly Publication, 2nd edition 2012.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: III YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	EMBEDDED SYSTEM DESIGN BASED ON ARDUINO	BREAK	EMBEDDED SYSTEM DESIGN BASED ON ARDUINO	LUNCH	EMBEDDED SYSTEM DESIGN BASED ON ARDUINO	BREAK	EMBEDDED SYSTEM DESIGN BASED ON ARDUINO
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **EMBEDDED SYSTEM DESIGN BASED ON ARDUINO**

ACADEMIC YEAR: 2022-2023 **Date: 20-09-2022**

B. TECH III YEAR-I SEM **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	26-09-2022	I/O ports Capability of Arduino Uno-ADC	09:30 am to 04:00 pm	6 hour
2	27-09-2022	Variables, Looping statements, Logical Operators	09:30 am to 04:00 pm	6 hour
3	28-09-2022	Preparation of Bill of materials, Selection of Displays, Design of Drivers for LED display	09:30 am to 04:00 pm	6 hour
4	29-09-2022	Development of algorithm, add on functions: Setting Time, Date, Selection of Time format, Alarms	09:30 am to 04:00 pm	6 hour
5	30-09-2022	Preparation of Bill of materials, Selection of Sensors.	09:30 am to 04:00 pm	6 hour
6	01-10-2022	Preparation of Bill of materials, Selection of Sensors, Development of algorithm for Traffic Light Control.	09:30 am to 04:00 pm	6 hour
			Total :36 Hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **EMBEDDED SYSTEM DESIGN BASED ON ARDUINO**

III YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	20Q61A0401	Baluguri Mounika
2	20Q61A0402	Barakala Nandhini
3	20Q61A0403	Boddupally Suresh
4	20Q61A0404	Chetlapalli Sampath Kumar
5	20Q61A0405	Deekonda Vinay Kumar
6	20Q61A0406	Donikala Vinay Goud
7	20Q61A0407	Donikela Prudhvi Samrat
8	20Q61A0408	Ganganamoni Vinayak
9	20Q61A0409	Gosti Rajesh Reddy
10	20Q61A0410	Gunta Mahesh
11	20Q61A0411	Kamagani Akhil
12	20Q61A0412	Kamsani Yakshitha
13	20Q61A0413	Kanduri Nithin Kumar
14	20Q61A0414	Kanna Anjan Kumar Goud
15	20Q61A0415	Karjale Akash Reddy
16	20Q61A0416	Katipally Shashi Kumar
17	20Q61A0417	Kummari Shirisha
18	20Q61A0418	Kura Lokesh
19	20Q61A0419	Lingala Kavyanjali
20	20Q61A0420	Mayini Naresh

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The Students of III-Year B.Tech Certificate Program Attending "Embedded System Design Based On Arduino" By the Resource Person "Mr.G.Ganesh" By 'Webtek Labs Pvt Ltd'.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: EMBEDDED SYSTEM DESIGN BASED ON ARDUINO

IIIYEAR I–SEM	A.Y 2022-2023	Date: 20-09-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	26.09.22	27.09.22	28.09.22	29.09.22	30.09.22	01.10.22
1	20Q61A0401	Baluguri Mounika	P	P	P	P	P	P
2	20Q61A0402	Barakala Nandhini	P	P	P	P	P	P
3	20Q61A0403	Boddupally Suresh	P	P	P	P	P	P
4	20Q61A0404	Chetlapalli Sampath Kumar	P	P	P	P	P	P
5	20Q61A0405	Deekonda Vinay Kumar	P	P	P	P	P	P
6	20Q61A0406	Donikala Vinay Goud	P	P	P	P	P	P
7	20Q61A0407	Donikela Prudhvi Samrat	P	P	P	P	P	P
8	20Q61A0408	Ganganamoni Vinayak	P	P	P	P	P	P
9	20Q61A0409	Gosti Rajesh Reddy	P	P	P	P	P	P
10	20Q61A0410	Gunta Mahesh	P	P	P	P	P	P
11	20Q61A0411	Kamagani Akhil	P	P	P	P	P	P
12	20Q61A0412	Kamsani Yakshitha	P	P	P	P	P	P
13	20Q61A0413	Kanduri Nithin Kumar	P	P	P	P	P	P
14	20Q61A0414	Kanna Anjan Kumar Goud	P	P	P	P	P	P
15	20Q61A0415	Karjale Akash Reddy	P	P	P	P	P	P
16	20Q61A0416	Katipally Shashi Kumar	P	P	P	P	P	P
17	20Q61A0417	Kummari Shirisha	P	P	P	P	P	P
18	20Q61A0418	Kura Lokesh	P	P	P	P	P	P
19	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
20	20Q61A0420	Mayini Naresh	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: EMBEDDED SYSTEM DESIGN BASED ON ARDUINO

III YEAR I–SEM   **A.Y 2022-2023**   **Date: 26-09-2022 to 01-10-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0401	Baluguri Mounika	36	100
2	20Q61A0402	Barakala Nandhini	36	100
3	20Q61A0403	Boddupally Suresh	36	100
4	20Q61A0404	Chetlapalli Sampath Kumar	36	100
5	20Q61A0405	Deekonda Vinay Kumar	36	100
6	20Q61A0406	Donikala Vinay Goud	36	100
7	20Q61A0407	Donikela Prudhvi Samrat	36	100
8	20Q61A0408	Ganganamoni Vinayak	36	100
9	20Q61A0409	Gosti Rajesh Reddy	36	100
10	20Q61A0410	Gunta Mahesh	36	100
11	20Q61A0411	Kamagani Akhil	36	100
12	20Q61A0412	Kamsani Yakshitha	36	100
13	20Q61A0413	Kanduri Nithin Kumar	36	100
14	20Q61A0414	Kanna Anjan Kumar Goud	36	100
15	20Q61A0415	Karjale Akash Reddy	36	100
16	20Q61A0416	Katipally Shashi Kumar	36	100
17	20Q61A0417	Kummari Shirisha	36	100
18	20Q61A0418	Kura Lokesh	36	100
19	20Q61A0419	Lingala Kavyanjali	36	100
20	20Q61A0420	Mayini Naresh	36	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-10-2022

COURSE REPORT

Name of the Value added course: Embedded System Design Based on Arduino

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.G.Ganesh, Subject Expert, Webtek Labs Pvt Ltd

Name of the Coordinator: Mr.D.Suryaprakash Assistant Professor

Number of the Participants: 20

Topics covered: The following topics covered in this program

- ➢ Architecture Review of Arduino Uno Board
- ➢ Embedded C Programming for Arduino
- ➢ Design Of Real Time Digital Clock Using Arduino
- ➢ Deign Of Room Temperature Monitor & Visitor Counter
- ➢ Design Of Traffic Light Controller

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Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.MAHESH** Bearing Reg.No **21Q61A0410** is participated in **"Embedded System Design Based On Arduino"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from 26**/09/2022** to 01**/10/2022**.

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Hea...
Electr...
...neering
...8 Technology
...apur Met (Mdl),
Ranga Reddy District.

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **M.NARESH** Bearing Reg.No **21Q61A0420** is participated in **"Embedded System Design Based On Arduino"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from 26**/09/2022** to 01**/10/2022**.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/I/02   Date: 13-10-2022

CIRCULAR

This is to inform all the III.B. Tech & II.M.Tech ECE students that, the Department organizing a Value Added Course on **"Analog VLSI Design"**. Department Advisory Committee has been identified **Dr.S.Kishore Reddy Associate Professor, Department of ECE**. As a resource person for this course. The course is scheduled to run for 06 days from 17-10-2022 to 22-10-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

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Copy to:

The principal, for kind information

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Notice Board

III.B. Tech & II.M.Tech ECE students

Dept. file

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ABOUT THE COURSE

Analog design in VLSI requires a deep understanding of circuit theory and device physics. It involves designing circuits that accurately process and manipulate continuous signals. Key considerations in analog design include noise analysis and reduction, linearity, bandwidth, and power dissipation.

COURSE OBJECTIVES

- This course is aimed at introducing analog circuits from the perspective of designing amplifiers in an integrated circuit using MOS transistors.
- The students will be introduced to the techniques required for designing amplifiers using negative feedback as the guiding principle

EXPECTED OUTCOMES

- Apply knowledge of mathematics, science, and engineering to design and analysis of analog integrated circuits.
- Identify, formulates, and solves engineering problems in the area of analog integrated circuits.
- To understand the various advanced architectures.
- Use the techniques, skills, and modern programming tools such as Mentor Graphics, necessary for engineering practice

Resource Person
Mr.Dr.S.Kishore reddy
Associate Professor
Department of ECE

Co-ordinator
Mrs.T.Leelavathi
Assistant Professor
Department of ECE

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LAST DATE FOR REGISTRATION:15th OCT,2022

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NAAC
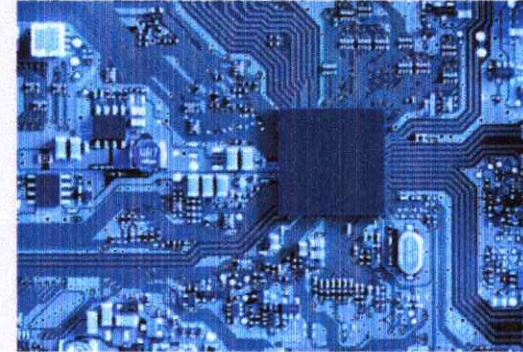
ADD-ON COURSE ON

"ANALOG VLSI DESIGN"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VALUE ADDED COURSE NAME: **ANALOG VLSI DESIGN**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. TECH III YEAR-I SEM

Course Obejective:

- This course is aimed at introducing analog circuits from the perspective of designing amplifiers in an integrated circuit using MOS transistors.
- The students will be introduced to the techniques required for designing amplifiers using negative feedback as the guiding principle.

Unit-I: Introduction: Linearization of non-linear elements, Generation of small incremental linear equivalents from non-linear elements.

Unit-II: Basic amplifier design using MOSFET. Common source amplifier with resistive load. Biasing a common source amplifier. Gain limitations of the configuration. Introduction to swing limits. Relevance of the limitations in a integrated circuit.

Unit-III: Introduction to controlled sources. Realizing controlled sources using a voltage controlled current source. Using MOSFETs to realize the controlled sources and other amplifier configurations. Body effects in an MOSFET. The effect of output resistance of a MOSFET on an amplifier configuration.

Unit-IV: Introduction to active loads, and single stage differential amplifiers. Analysis of gain, swing limits, slew rate, common mode rejection ratio, power supply rejection ratio in a single stage differential amplifier.

Unit-V: Multi-stage amplifiers using controlled sources. Introduction of stability parameters of multistage amplifier when configured in negative feedback. Design and analysis of multi-stage amplifier by replacing the controlled sources with MOSFETs.

TEXT BOOKS

1. Design of Analog CMOS Integrated Circuits by Behead Razavi.
2. NPTEL lectures on analog circuit design by Prof. Nagendra Krishnappa
3. CMOS Circuit Design- Layout and Simulation by Jacob Baker

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: III YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	ANALOG VLSI DESIGN	BREAK	ANALOG VLSI DESIGN	LUNCH	ANALOG VLSI DESIGN	BREAK	ANALOG VLSI DESIGN
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANALOG VLSI DESIGN

ACADEMIC YEAR: 2022-2023

Date: 13-10-2022

B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

SI. No	DAY	Topic	Timings	Duration
1	17-10-2022	Linearization of non-linear elements, Generation of small incremental linear equivalents from non-linear elements.	09:30 am to 04:00 pm	6 hour
2	18-10-2022	Basic amplifier design using MOSFET. Common source amplifier with resistive load. Biasing a common source amplifier	09:30 am to 04:00 pm	6 hour
3	19-10-2022	Realizing controlled sources using a voltage controlled current source. Using MOSFETs to realize the controlled sources and other amplifier configurations	09:30 am to 04:00 pm	6 hour
4	20-10-2022	Body effects in an MOSFET. The effect of output resistance of a MOSFET on an amplifier configuration.	09:30 am to 04:00 pm	6 hour
5	21-10-2022	Analysis of gain, swing limits, slew rate, common mode rejection ratio	09:30 am to 04:00 pm	6 hour
6	22-10-2022	Multi-stage amplifiers using controlled sources	09:30 am to 04:00 pm	6 hour
			Total-36 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANALOG VLSI DESIGN

III.B.Tech&II.M.Tech-I SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	21Q65A0423	Vaddepally Rakesh
2	21Q65A0424	Varda Manasa
3	21Q65A0425	VeerlaSaipavan
4	21Q65A0426	Jakkula Harsha Vardhan
5	21Q65A0427	P Jayasri Goud
6	21Q61D5701	Bandaru Haribabu
7	21Q61D5702	Ghanapuram Lavanya
8	21Q61D5703	Jella Vamshi Krishna
9	21Q61D5704	Kamani Suma
10	21Q61D5705	Karantothu Roja
11	21Q61D5706	Mettapelli Neelima
12	21Q61D5707	Nune Manikanta
13	21Q61D5708	Pandi Akshita Sagar
14	21Q61D5709	Ramavath Sabitha
15	21Q61D5710	Rekha Shirisha
16	21Q61D5711	Serubai Anusha
17	21Q61D5712	T Nikhil Reddy
18	21Q61D5713	Kasaramoni Kumar
19	21Q61D5714	Nelanti Priyanka
20	21Q61D5715	P Aruna

T. Leelavathi

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The Students of III Year B.Tech Certificate Program attending "Analog VLSI Design" By the Resource Person "Dr.S.Kishore Reddy Assistant Professor".

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANALOG VLSI DESIGN

III.B.Tech&II.M.Tech-I SEM   **A.Y 2022-2023**   **Date: 13-10-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	17.10.22	18.10.22	19.10.22	20.10.22	21.10.22	22.10.22
1	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
2	21Q65A0424	Varda Manasa	P	P	P	P	P	P
3	21Q65A0425	VeerlaSaipavan	P	P	P	P	P	P
4	21Q65A0426	Jakkula Harsha Vardhan	P	P	P	P	P	P
5	21Q65A0427	P Jayasri Goud	P	P	P	P	P	P
6	21Q61D5701	Bandaru Haribabu	P	P	P	P	P	P
7	21Q61D5702	Ghanapuram Lavanya	P	P	P	P	P	P
8	21Q61D5703	Jella Vamshi Krishna	P	P	P	P	P	P
9	21Q61D5704	Kamani Suma	P	P	P	P	P	P
10	21Q61D5705	Karantothu Roja	P	P	P	P	P	P
11	21Q61D5706	Mettapelli Neelima	(A)	(A)	(A)	(A)	(A)	(A)
12	21Q61D5707	Nune Manikanta	P	P	P	P	P	P
13	21Q61D5708	Pandi Akshita Sagar	P	P	P	P	P	P
14	21Q61D5709	Ramavath Sabitha	P	P	P	P	P	P
15	21Q61D5710	Rekha Shirisha	P	P	P	P	P	P
16	21Q61D5711	Serubai Anusha	P	P	P	P	P	P
17	21Q61D5712	T Nikhil Reddy	P	P	P	P	P	P
18	21Q61D5713	Kasaramoni Kumar	P	P	P	P	P	P
19	21Q61D5714	Nelanti Priyanka	P	P	P	P	P	P
20	21Q61D5715	P Aruna	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ANALOG VLSI DESIGN**

III.B.Tech&II.M.Tech-I SEM   **A.Y 2022-2023**   **Date: 17-10-2022 to 22-10-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0423	Vaddepally Rakesh	36	100
2	21Q65A0424	Varda Manasa	36	100
3	21Q65A0425	VeerlaSaipavan	36	100
4	21Q65A0426	Jakkula Harsha Vardhan	36	100
5	21Q65A0427	P Jayasri Goud	36	100
6	21Q61D5701	Bandaru Haribabu	36	100
7	21Q61D5702	Ghanapuram Lavanya	36	100
8	21Q61D5703	Jella Vamshi Krishna	36	100
9	21Q61D5704	Kamani Suma	36	100
10	21Q61D5705	Karantothu Roja	36	100
11	21Q61D5706	Mettapelli Neelima	0	0
12	21Q61D5707	Nune Manikanta	36	100
13	21Q61D5708	Pandi Akshita Sagar	36	100
14	21Q61D5709	Ramavath Sabitha	36	100
15	21Q61D5710	Rekha Shirisha	36	100
16	21Q61D5711	Serubai Anusha	36	100
17	21Q61D5712	T Nikhil Reddy	36	100
18	21Q61D5713	Kasaramoni Kumar	36	100
19	21Q61D5714	Nelanti Priyanka	36	100
20	21Q61D5715	P Aruna	36	100

T. Leelavathi

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Head of the Department
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Ranga Reddy District.

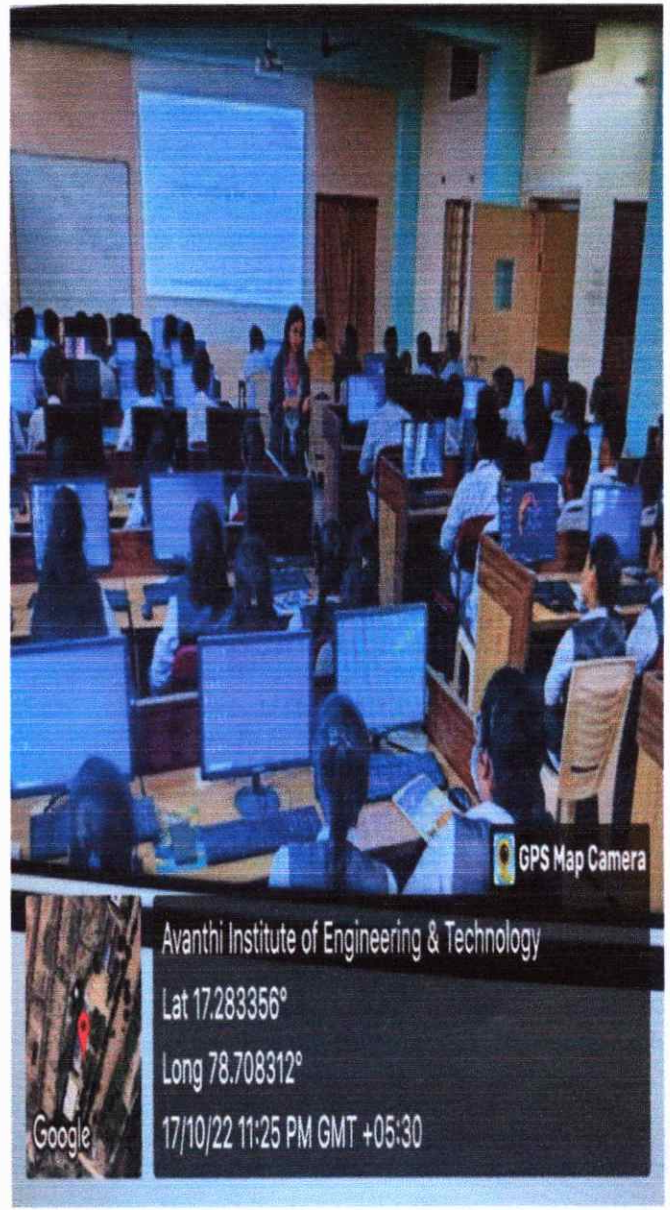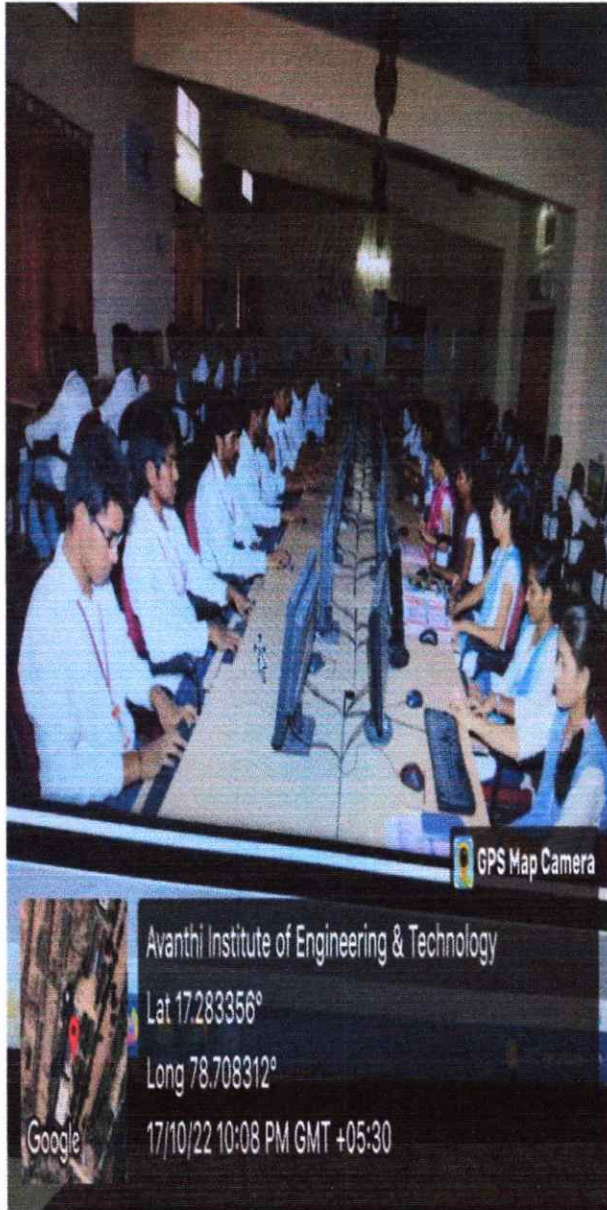Avanthi Institute of Engineering and Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 26-10-2022

COURSE REPORT

Name of the Value added course: Analog VLSI Design

Day/Duration: 36 hours

Time: 09:30 am to 04:00 pm

Resource Person: Dr.S.Kishore Reddy Associate Professor

Name of the Coordinator: Mrs.T.Leelavathi Assistant Professor

Number of the Participants: 19

Topics covered: The following topics covered in this program

- ➤ Linearization of non-linear elements
- ➤ Basic amplifier design using MOSFET
- ➤ Realizing controlled sources using a voltage controlled current source.
- ➤ Introduction to active loads, and single stage differential amplifiers.
- ➤ Multi-stage amplifiers using controlled sources.

T. Leelavathi

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Ranga Reddy District.

Avanthi Institute of Engineering and Technology

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.ANUSHA** Bearing roll number **21Q61D5711** from the department of **ECE** completed the value added course on **"ANALOG VLSI DESIGN"** During the year **2022-23**.

F. Leelavathi

Head Of The Department
Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Ranga Reddy Dist. Telangana.

Principal
Avanthi Institute of Engg. & T
Gunthapally (V), Abdullapurmet (Mdl), R.R

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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Varda Manasa** Bearing roll number **21Q65A0424** from the department of **ECE** completed the value added course on **"ANALOG VLSI DESIGN"** During the year **2022-23**.

Head of The Department
Computer Science & Engineering
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Ranga Reddy District.

T. Leelavathi

Co-Ordinator
CO ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/I/03   **Date: 01-12-2022**

CIRCULAR

This is to inform all the II B. Tech ECE students that, the Department organizing a Value Added Course on **"MATLAB based on Signal and Image Processing"**. Department Advisory Committee has been identified **Mr.E.Nagesh Assistant Professor, Department of ECE**. As a resource person for this course. The course is scheduled to run for 06 days from 05-12-2022 to 10-12-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

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Notice Board

II.B. Tech ECE students

Dept. file

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ABOUT THE COURSE

Digital Signal and Image Processing using MATLAB is a collection of examples and exercises which also presents applications of digital signal- or image processing, and techniques which were not touched upon in the previous volume. This book will be particularly beneficial to readers who already possess a good working knowledge of MATLAB, have a command of the fundamental elements of digital signal processing, are familiar with the fundamentals of continuous-spectrum spectral analysis, and have a certain mathematical knowledge concerning Hilbert spaces.

COURSE OBJECTIVES

- To teach students time domain, frequency domain, discrete time signals, properties and digital filter design techniques
- To provide knowledge on basic concepts of image and its processing techniques.
- To provide knowledge on Enhancement, Restoration, Segmentation techniques.
- To provide hand on experience of signal & image processing techniques using. MATLAB

EXPECTED OUTCOMES

- Understanding the trends Signal and Image Processing
- Learn new concepts from industry experts
- Gain a foundational understanding of a subject or tool
- Develop job-relevant skills with hands-on projects
- Earn a shareable career certificate.

Resource Person	Co-ordinator
Mr.E.Nagesh	Mrs.M.Swathi
Assistant Professor	Assistant Professor
Department of ECE	Department of ECE

LAST DATE FOR REGISTRATION: 3rd DEC,2022

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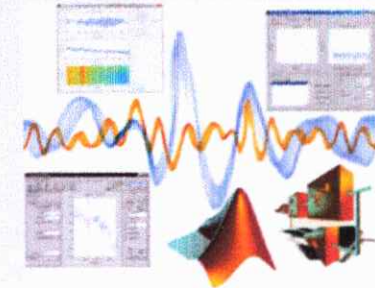
ADD-ON COURSE ON

"MAT LAB BASED ON SIGNAL & IMAGE PROCESSING"

5th DEC TO 10th DEC,2022

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
VALUE ADDED COURSE NAME: **MATLAB BASED ON SIGNAL AND IMAGE PROCESSING**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. TECH II YEAR-I SEM

Course Obejective:

- To teach students time domain, frequency domain, discrete time signals, properties and digital filter design techniques
- To provide knowledge on basic concepts of image and its processing techniques.
- To provide knowledge on Enhancement, Restoration, Segmentation techniques.
- To provide hand on experience of signal & image processing techniques using. MATLAB.

Course Outcome

- Understanding the trends Signal and Image Processing
- Learn new concepts from industry experts
- Gain a foundational understanding of a subject or tool
- Develop job-relevant skills with hands-on projects
- Earn a shareable career certificate.

MODULE I: FUNDAMENTALS OF DIGITAL SIGNAL PROCESSING: Characterization and classification of signals, Z-Transform: Direct Z-Transform, inverse Z-Transform, Properties of The Z Transform, Linearity, Time Shifting, Scaling, Time Reversal, Differentiation, Convolution, Correlation, Accumulation, System Function of a Linear Time-Invariant System.

MODULE II: DISCRETE FOURIER TRANSFORM & FAST FOURIER TRANSFORM DTFT and DFT Relationship, Discrete Fourier transform (DFT), Properties of the DFT: periodicity, linearity, and symmetry properties, relationship of the DFT to other transforms, DFT as a linear transformation, multiplication of two DFT and circular convolution, Efficient Computation of the DFT, FFT Algorithms: Radix-2 FFT Algorithms: Decimation in-Time (DIT), Decimation-in-Frequency (DIF)

MODULE III: DESIGN AND REALIZATION OF DIGITAL FIR FILTERS FIR Filter Structure: Direct Form-I, Direct Form-II, Linear Phase FIR Filter, Liner Phase FIR Filter, Design of FIR Filters Using Windowing Techniques, Design of FIR Filter by Frequency Sampling Technique.

MODULE IV: DESIGN AND REALIZATION OF DIGITAL IIR FILTERS Design of IIR Filters from Analog Filters (Butterworth Approximation): IIR Filter Design by

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Impulse Invariance, IIR Filter Design by The Bilinear Transformation, Realization of Digital Filter by using Direct Form-I, Direct Form-II, Cascade Form and Parallel Form Structures.

MODULE V: DIGITAL IMAGE FUNDAMENTAL: Image fundamental, Types of Images, A simple Image Model, Steps of Image Processing, Color Image and Color Models, Sampling and Quantization, Pixel Relationship.

TEXT BOOKS

1. V. K. Ingle and J.G. Proaksis, J.G, "Digital Signal Processing-A MATLAB Based Approach", Cengage Learning Publisher
2. S. Salivahanan, A. Vallavaraj and C. Gnanapriya, "Digital Signal Processing", McGraw-Hill Publication
3. Gonzalez, Rafael C., and Richard E. Woods, "Digital Image Processing" 2nd Edition, Pearson Education, 2002.

REFERENCE BOOKS:

1. Tarun K.Rawat, "Digital Signal Processing", Oxford University Press India

2. Sridhar S. Oxford university publication. Digital Image Processing. 2001.

3.Gonzalez, Rafael C., and Richard E. Woods, Steven L Eddins "Digital Image Processing using MATLAB", Pearson Education, 2009

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	MATLAB based on SignImage Proceal and ssing	BREAK	MATLAB based on SignImage Proceal and ssing	LUNCH	MATLAB based on SignImage Proceal and ssing	BREAK	MATLAB based on SignImage Proceal and ssing
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MATLAB BASED ON SIGNAL AND IMAGE PROCESSING

ACADEMIC YEAR: 2022-2023
B. TECH II YEAR-I SEM

Date: 01-12-2022
DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	05-12-2022	Characterization and classification of signals, Z-Transform: Direct Z-Transform, inverse Z-Transform.	10:00 am to 04:00 pm	5 hour
2	06-12-2022	DTFT and DFT Relationship, Discrete Fourier transform (DFT), Properties of the DFT.	10:00 am to 04:00 pm	5 hour
3	07-12-2022	FIR Filter Structure: Direct Form-I, Direct Form-II, Linear Phase FIR Filter.	10:00 am to 04:00 pm	5 hour
4	08-12-2022	Design of IIR Filters from Analog Filters.	10:00 am to 04:00 pm	5 hour
5	09-12-2022	IIR Filter Design by The Bilinear Transformation, Realization of Digital Filter by using Direct Form.	10:00 am to 04:00 pm	5 hour
6	10-12-2022	Image fundamental, Types of Images, A simple Image Model.	10:00 am to 04:00 pm	5 hour
			Total-30 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MATLAB BASED ON SIGNAL AND IMAGE PROCESSING

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0401	Ade Prashanth
2	21Q61A0402	Ajay Kambala
3	21Q61A0403	Akki Suryaprakash
4	21Q61A0404	Atla Raviteja
5	21Q61A0405	Biyyala Abhilash
6	21Q61A0406	Boddupalli Kavya
7	21Q61A0407	Burukala Mani Reethika
8	21Q61A0408	C Bharath Goud
9	21Q61A0409	Chelmeti Manoj Kumar
10	21Q61A0410	Dabbeta Nitheesh
11	21Q61A0411	Deshagoni Naveen
12	21Q61A0412	Dharmarajula Upender
13	21Q61A0413	Erugudindla Chandu
14	21Q61A0414	Gondrala Sreeja
15	21Q61A0415	Hinge Sai Teja
16	21Q61A0416	Jajula Manasa
17	21Q61A0417	Kadari Mahesh
18	21Q61A0418	Kallem Shanmukh Goud
19	21Q61A0419	Kalvakota Soumya
20	21Q61A0420	Kanneboiena Bharath
21	21Q61A0421	Kappera Ruchitha
22	21Q61A0422	Karpurapu Mahesh Babu
23	21Q61A0423	Katravath Rajesh

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The Students of II Year B.Tech Certificate Program attending "Mat lab Based on Signal & Image Processing" By The Resource Person "Mr.E.Nagesh Asst.Professor"

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MATLAB BASED ON SIGNAL AND IMAGE PROCESSING

IIYEAR I–SEM   **A.Y 2022-2023**   **Date: 01-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	05.12.22	06.12.22	07.12.22	08.12.22	09.12.22	10.12.22
1	21Q61A0401	Ade Prashanth	P	P	P	P	P	P
2	21Q61A0402	Ajay Kambala	P	P	P	P	P	P
3	21Q61A0403	Akki Suryaprakash	P	P	P	P	P	P
4	21Q61A0404	Atla Raviteja	P	P	P	P	P	P
5	21Q61A0405	Biyyala Abhilash	P	P	P	P	P	P
6	21Q61A0406	Boddupalli Kavya	P	P	P	P	P	P
7	21Q61A0407	Burukala Mani Reethika	P	P	P	P	P	P
8	21Q61A0408	C Bharath Goud	P	P	P	P	P	P
9	21Q61A0409	Chelmeti Manoj Kumar	P	P	P	P	P	P
10	21Q61A0410	Dabbeta Nitheesh	A	A	A	A	A	A
11	21Q61A0411	Deshagoni Naveen	P	P	P	P	P	P
12	21Q61A0412	Dharmarajula Upender	P	P	P	P	P	P
13	21Q61A0413	Erugudindla Chandu	P	P	P	P	P	P
14	21Q61A0414	Gondrala Sreeja	P	P	P	P	P	P
15	21Q61A0415	Hinge Sai Teja	P	P	P	P	P	P
16	21Q61A0416	Jajula Manasa	P	P	P	P	P	P
17	21Q61A0417	Kadari Mahesh	P	P	P	P	P	P
18	21Q61A0418	Kallem Shanmukh Goud	P	P	P	P	P	P
19	21Q61A0419	Kalvakota Soumya	P	P	P	P	P	P
20	21Q61A0420	Kanneboiena Bharath	P	P	P	P	P	P
21	21Q61A0421	Kappera Ruchitha	A	A	A	A	A	A
22	21Q61A0422	Karpurapu Mahesh Babu	P	P	P	P	P	P
23	21Q61A0423	Katravath Rajesh	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **MATLAB BASED ON SIGNAL AND IMAGE PROCESSING**

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 05-12-2022 to 10-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0401	Ade Prashanth	30	100
2	21Q61A0402	Ajay Kambala	30	100
3	21Q61A0403	Akki Suryaprakash	30	100
4	21Q61A0404	Atla Raviteja	30	100
5	21Q61A0405	Biyyala Abhilash	30	100
6	21Q61A0406	Boddupalli Kavya	30	100
7	21Q61A0407	Burukala Mani Reethika	30	100
8	21Q61A0408	C Bharath Goud	30	100
9	21Q61A0409	Chelmeti Manoj Kumar	30	100
10	21Q61A0410	Dabbeta Nitheesh	0	0
11	21Q61A0411	Deshagoni Naveen	30	100
12	21Q61A0412	Dharmarajula Upender	30	100
13	21Q61A0413	Erugudindla Chandu	30	100
14	21Q61A0414	Gondrala Sreeja	30	100
15	21Q61A0415	Hinge Sai Teja	30	100
16	21Q61A0416	Jajula Manasa	30	100
17	21Q61A0417	Kadari Mahesh	30	100
18	21Q61A0418	Kallem Shanmukh Goud	30	100
19	21Q61A0419	Kalvakota Soumya	30	100
20	21Q61A0420	Kanneboiena Bharath	30	100
21	21Q61A0421	Kappera Ruchitha	0	0
22	21Q61A0422	Karpurapu Mahesh Babu	30	100
23	21Q61A0423	Katravath Rajesh	30	100

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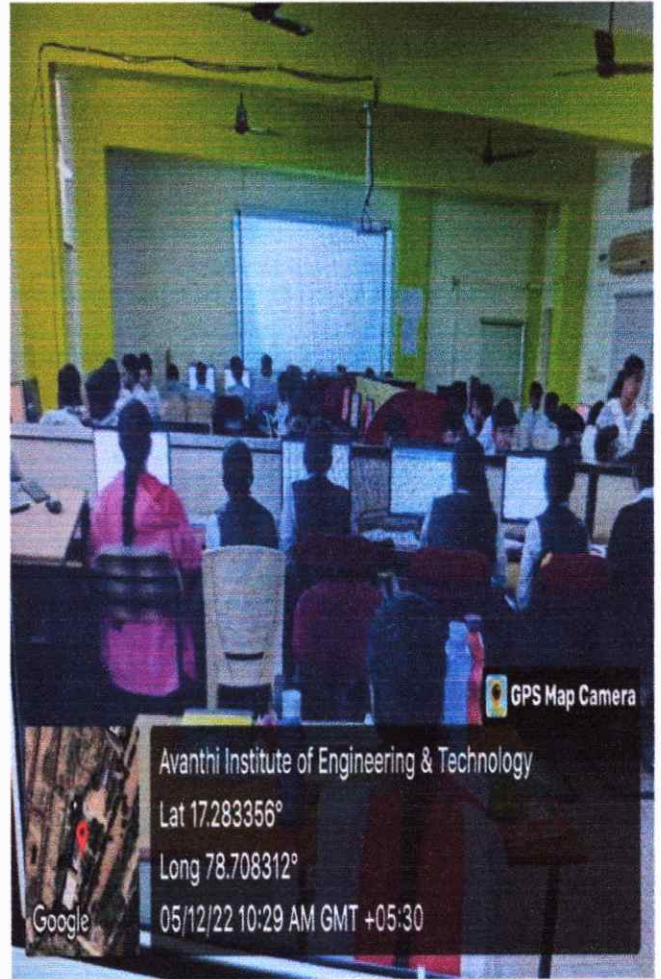Avanthi Institute of Engineering and Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 14-12-2022

COURSE REPORT

Name of the Value added course: MATLAB based on Signal and Image Processing

Day/Duration: 30 hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.E.Nagesh Assistant Professor

Name of the Coordinator: Mrs.M.Swathi Assistant Professor

Number of the Participants: 21

Topics covered: The following topics covered in this program

➢ Fundamentals of Digital Signal Processing.

➢ Discrete Fourier Transform & Fast Fourier Transform.

➢ Design and Realization of Digital Fir Filters.

➢ Design and Realization of Digital Iir Filters.

➢ Digital Image Fundamental.

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Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

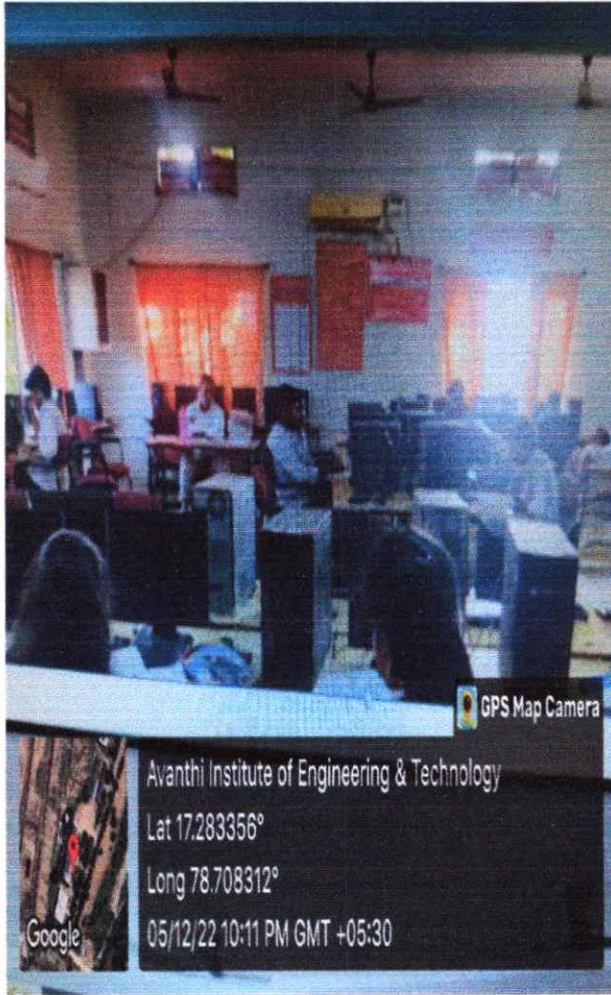Avanthi Institute of Engineering and Technology

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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Ajay Kambala** Bearing roll number **21Q61A0402** from the

department of ECE completed the value added course on **"MATLAB BASED ON SIGNAL**

AND IMAGE PROCESSING" During the year **2022-23.**

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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Katravath Rajesh** Bearing roll number **21Q61A0423** from

the department of ECE completed the value added course on **"MATLAB BASED ON SIGNAL**

AND IMAGE PROCESSING" During the year **2022-23.**

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AVIH/ECE/AOC/CIR/2022-23/I/04   **Date: 20-12-2022**

CIRCULAR

This is to inform all the II B. Tech ECE students that, the Department organizing a Value Added Course on **"Android Apps Development"**. As a resource person for this course. The course is scheduled to run for 06 days from 27-12-2022 to 31-12-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr.L.VijayKumar with Conscience Technology

Head of the Department
Electronics & Communication Engineering
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Copy to:

The principal, for kind information

IQAC

Notice Board

II.B. Tech ECE students

Dept. file

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ABOUT THE COURSE

Android development is a software creation process that focuses on applications, better known as apps, that are compatible with devices running the Android operating system (OS). Because Android is an open-source project, developers have easy access to the Android software development kit (SDK).

COURSE OBJECTIVES

- To learn the Android Operating system, Gradle and Mobile application development using Android Studio.

EXPECTED OUTCOMES

At the end of this course students will be able to...

- Understand Android OS, gradle, Android Studio.
- Debug Android Application
- Develop UI based Mobile Application using Android Studio.
- Design application for Mobile using various sensors.
- Design and develop an application using Database.

Resource Person
Mr.L.Vijaykumar
Technical Trainer
Conscience Technology

Co-ordinator
Miss.B.Kalpana
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION: 25th DEC,2022

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ADD-ON COURSE ON

"ANDROID APPS DEVELOPMENT"

27th DEC TO 31st DEC,2022

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANDROID APPS DEVELOPMENT

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. TECH II YEAR-I SEM

Course Obejective:

- To learn the Android Operating system, Gradle and Mobile application development using Android Studio.

Course Outcome :

At the end of this course students will be able to.

- Understand Android OS, gradle, Android Studio.
- Debug Android Application
- Develop UI based Mobile Application using Android Studio.
- Design application for Mobile using various sensors.
- Design and develop an application using Database.

Unit 1: Android Overview: Android OS, Dalvik Virtual Machine, Features of Android, API Level Introduction, Linux Kernel, Libraries, Android Libraries, Android Application Framework, Introduction to Application component.

Unit 2: Android Studio: Android Studio Overview, Android Project internals, configuration files. Launching emulator o editing emulator settings Emulator shortcuts Logcat usage Introduction to DDMS

Unit 3: Activities and Intent: Android Activities Introduction, Life Cycle, Working with Activities, Android Services: Introduction, Life Cycle, Working with Services, Introduction to broadcast receiver, Content Provider, Fragments and Intent Filters, Intent Objects, Extras Bundle.

Unit 4: Android UI Interface: UI Layouts, Types of Layouts, Configuration of Layouts, View Identification, UI Controls, Event Handling, Adapters and Widgets.

Unit 5: Content Provider: Working with Shared Preferences, storing and retrieving shared key-value pairs. Using Internal Storage, retrieving cache files, Working with External Storage, and working with files shared by other applications. Intent Filters, Explicit Intents, Implicit Intents, Working with Intents.

Unit 6 Advances in Android: Android Debugging, Other view, Notification, Toast, Thread, AsyncTask, Handler & Runnable, gradle plugins, localization, NFC, SMS sending receiving, Phone calls, Sending Emails, GPS, MAPS, Location based service, Sensors, Network Connectivity Services, adb tools, Interfacing with Php and MySQL for storing data.

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SQLiteOverview, Query Introduction, Greed Dao: Android ORM for SQLiteDatabase, Core Classes, Modelling entities, Session, Queries, Relations, Joins, Create a mini-project.

REFERENCE BOOKS:

1. Reto Meier, "Profession Android Application Development", Wrox Publication
2. Marko Gargenta and Masumi Nakamura, "Learning Android" O'REILLY
3. Lucas Jordan and Peiter Greyling, "Practical Android Projects", Apress

B. KalPana .

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development
TUE	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development
WED	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development
THU	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development
FRI	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development
SAT	Android Apps Development	BREAK	Android Apps Development	LUNCH	Android Apps Development	BREAK	Android Apps Development

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ANDROID APPS DEVELOPMENT**

ACADEMIC YEAR: 2022-2023   **Date: 20-12-2022**

B. TECH II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	27-12-2022	Android OS, Dalvik Virtual Machine, Features of Android, API Level Introduction.	10:00 am to 04:00 pm	6 hour
2	28-12-2022	Android Studio Overview, Android Project internals, configuration files.	10:00 am to 04:00 pm	6 hour
3	29-12-2022	Android Activities Introduction, Life Cycle, Working with Activities, Android Services.	10:00 am to 04:00 pm	6 hour
4	30-12-2022	UI Layouts, Types of Layouts, Configuration of Layouts.	10:00 am to 04:00 pm	6 hour
5	31-12-2022	Working with Shared Preferences, storing and retrieving.	10:00 am to 04:00 pm	6 hour
				Total-30 hours

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANDROID APPS DEVELOPMENT

II YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0424	Katta Nagaraju
2	21Q61A0425	Koppula Bhavesh Kumar
3	21Q61A0426	Kurelly Sowmya
4	21Q61A0427	M Likhitha
5	21Q61A0428	M Om Prakash
6	21Q61A0429	Mallela Pravallika
7	21Q61A0430	Mamilla Sravani
8	21Q61A0431	Manne Varshitha
9	21Q61A0432	Marri Joel
10	21Q61A0433	Narvate Ganesh
11	21Q61A0434	Neela Naga Prasad
12	21Q61A0435	Pilli Pavan
13	21Q61A0436	Pilli Uday Kiran
14	21Q61A0437	Pinnamshetty Anusha
15	21Q61A0438	Puchala Anusha
16	21Q61A0439	Ragiru Nikhil
17	21Q61A0440	Ramagiri Sahithi
18	21Q61A0441	Rayudu Akshitha
19	21Q61A0442	ReguMatsyagiri
20	21Q61A0443	Sabhavat Raju
21	21Q61A0444	Talluri Harshavardhan
22	21Q61A0445	Vakeel Ravithreni
23	21Q61A0446	Vemula Saketh

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The Students of I Year B.Tech Certificate Program attending "Android App Development" By Resource Person "Mr.P.Suresh" With 'ASK Training Service'.

B.Kalpana

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ANDROID APPS DEVELOPMENT**

II YEAR I–SEM   **A.Y 2022-2023**   **Date: 20-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	27.12.22	28.12.22	29.12.22	30.12.22	31.12.22
1	21Q61A0424	Katta Nagaraju	P	P	P	P	P
2	21Q61A0425	Koppula Bhavesh Kumar	P	P	P	P	P
3	21Q61A0426	Kurelly Sowmya	P	P	P	P	P
4	21Q61A0427	M Likhitha	P	P	P	P	P
5	21Q61A0428	M Om Prakash	P	P	P	P	P
6	21Q61A0429	Mallela Pravallika	P	P	P	P	P
7	21Q61A0430	Mamilla Sravani	P	P	P	P	P
8	21Q61A0431	Manne Varshitha	P	P	P	P	P
9	21Q61A0432	Marri Joel	P	P	P	P	P
10	21Q61A0433	Narvate Ganesh	P	P	P	P	P
11	21Q61A0434	Neela Naga Prasad	P	P	P	P	P
12	21Q61A0435	Pilli Pavan	P	P	P	P	P
13	21Q61A0436	Pilli Uday Kiran	P	P	P	P	P
14	21Q61A0437	Pinnamshetty Anusha	P	P	P	P	P
15	21Q61A0438	Puchala Anusha	P	P	P	P	P
16	21Q61A0439	Ragiru Nikhil	P	P	P	P	P
17	21Q61A0440	Ramagiri Sahithi	P	P	P	P	P
18	21Q61A0441	Rayudu Akshitha	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
19	21Q61A0442	ReguMatsyagiri	P	P	P	P	P
20	21Q61A0443	Sabhavat Raju	P	P	P	P	P
21	21Q61A0444	Talluri Harshavardhan	P	P	P	P	P
22	21Q61A0445	Vakeel Ravithreni	P	P	P	P	P
23	21Q61A0446	Vemula Saketh	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANDROID APPS DEVELOPMENT

II YEAR I–SEM　　　　**A.Y 2022-2023**　　　　**Date: 27-12-2022 to 31-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0424	Katta Nagaraju	30	100
2	21Q61A0425	Koppula Bhavesh Kumar	30	100
3	21Q61A0426	Kurelly Sowmya	30	100
4	21Q61A0427	M Likhitha	30	100
5	21Q61A0428	M Om Prakash	30	100
6	21Q61A0429	Mallela Pravallika	30	100
7	21Q61A0430	Mamilla Sravani	30	100
8	21Q61A0431	Manne Varshitha	30	100
9	21Q61A0432	Marri Joel	30	100
10	21Q61A0433	Narvate Ganesh	0	0
11	21Q61A0434	Neela Naga Prasad	30	100
12	21Q61A0435	Pilli Pavan	30	100
13	21Q61A0436	Pilli Uday Kiran	30	100
14	21Q61A0437	Pinnamshetty Anusha	30	100
15	21Q61A0438	Puchala Anusha	30	100
16	21Q61A0439	Ragiru Nikhil	30	100
17	21Q61A0440	Ramagiri Sahithi	30	100
18	21Q61A0441	Rayudu Akshitha	0	0
19	21Q61A0442	ReguMatsyagiri	30	100
20	21Q61A0443	Sabhavat Raju	30	100
21	21Q61A0444	Talluri Harshavardhan	0	0
22	21Q61A0445	Vakeel Ravithreni	30	100
23	21Q61A0446	Vemula Saketh	30	100

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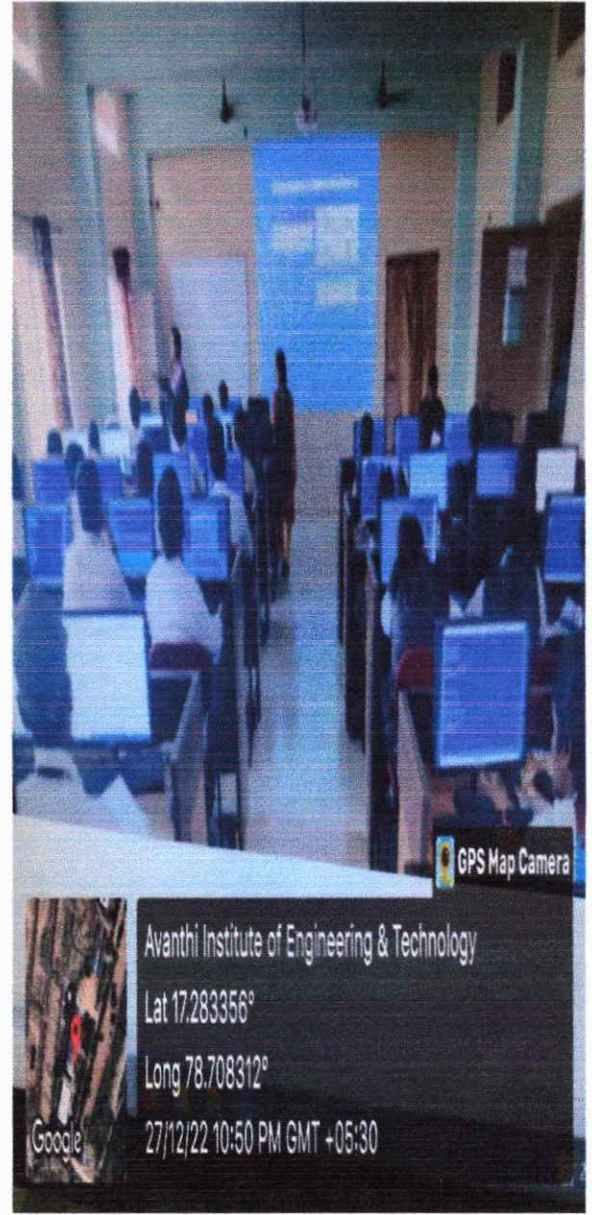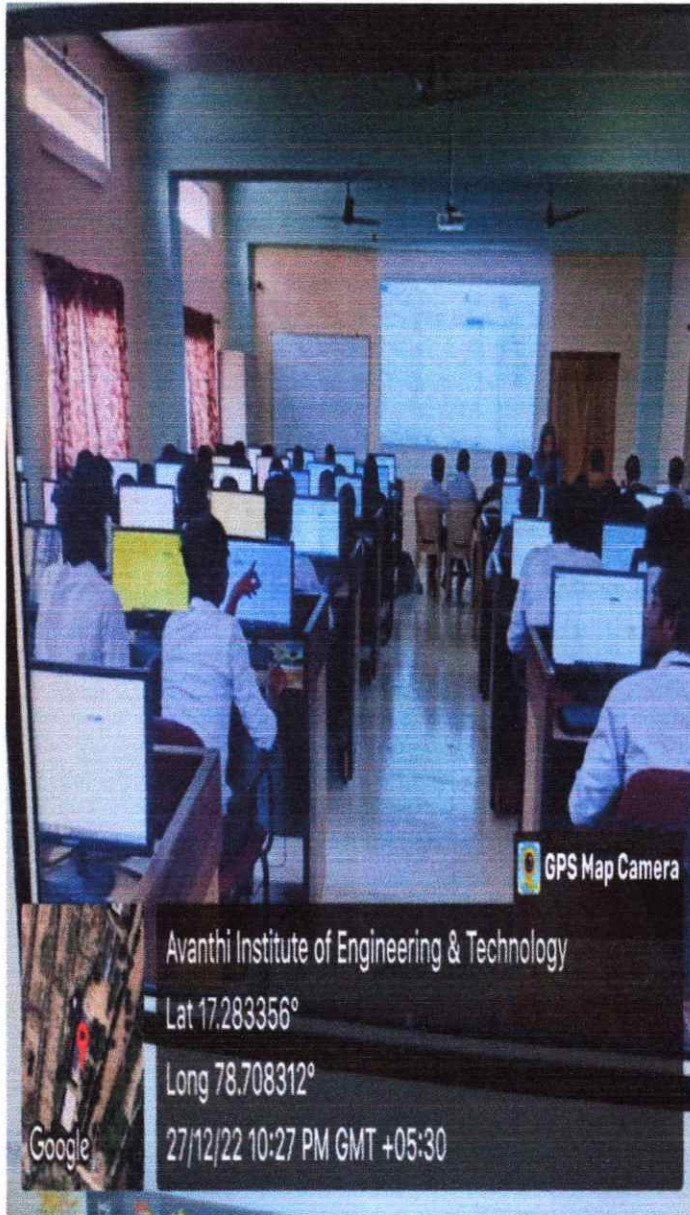Avanthi Institute of Engineering and Technology

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 04-01-2023

COURSE REPORT

Name of the Value added course: Android Apps Development

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.L.VijayKumar Technical Trainer Conscience Technology

Name of the Coordinator: Miss.B.Kalpana Assistant Professor

Number of the Participants: 22

Topics covered: The following topics covered in this program

- ➢ Android Overview
- ➢ Android Studio
- ➢ Activities and Intent
- ➢ Android UI Interface
- ➢ Content Provider.
- ➢ Advances in Android

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Head of the Department

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **K.NAGARAJU** BEARING REG.NO **21Q61A0424** IS PARTICIPATED IN **"ANDROID APPS DEVELOPMENT"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY,** IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **27/12/2022 TO 31/12/2022**

COORDINATOR
Avanthi Institute of Engineering & Technology,
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Academic Director
CONSCIENCE TECHNOLOGIES

Head of the Department
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CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **V.SAKETH** BEARING REG.NO **21Q61A0446** IS PARTICIPATED IN **"ANDROID APPS DEVELOPMENT"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY,** IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **27/12/2022 TO 31/12/2022**

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CONSCIENCE TECHNOLOGIES

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/I/05   **Date: 28-12-2022**

CIRCULAR

This is to inform all the II.B. Tech & I.M.Tech ECE students that, the Department organizing a Value Added Course on **"Web Development using react JS"**. The course is scheduled to run for 06 days from 202-01-2023 to 07-01-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with M.Shalem Raju with Excelr Solutions

HOD

Head of the Department

Electronics & Communication Engineering

Avanthi Institute of Engineering & Technology

Gunthapally (Vill), Abdullapur Met (M),

Ranga Reddy District.

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II.B. Tech & I.M.Tech ECE students

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ABOUT THE COURSE

This course provides the skills you need to begin front-end development in today's ever changing IT landscape. React and JSX are now considered one of the most popular JavaScript frameworks for front-end development. Skills in React and Restful Web Services are regarded essential for full-stack developer in today's competitive IT world.

COURSE OBJECTIVES

upon successful completion of the Certificate, graduates should be able to:
- Use their learned skills, knowledge and abilities to develop web sites for the internet.
- Apply basic design principles to present ideas, information, products, and services on websites.
- Apply basic programming principles to the construction of websites.
- Effectively manage website projects using available resources.
- Demonstrate communication skills, service management skills, and presentation skills.
- Complete job preparation tasks including writing resumes and cover letters, conducting job interviews and developing an ePortfolio
- Apply employability skills including fundamental skills, personal management skills, and teamwork skills

EXPECTED OUTCOMES

- Structure and implement HTML/CSS.
- Apply intermediate and advanced web development practices.
- Implement basic JavaScript.
- Create visualizations in accordance with ULAX theories.
- Develop a fully functioning website and depity on a web server.

Resource Person
Mr.Shalem Raju
Subject Expert
Excelr Solutions

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Mrs.P.Geetha
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION:31st DEC,2022

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B++
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React
Everywhere

ADD-ON COURSE ON

"WEB DEVELOPMENT USING REACT JS"

02nd JAN TO 7th JAN,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **WEB DEVELOPMENT USING REACT JS**

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B. Tech II YEAR-I SEM

Course Obejective:

- To introduce use of React strap for Bootstrap 4-based responsive UI design and various aspects of React components.
- To learn about React router and its use in developing single-page applications and designing controlled forms.

Course Outcome:

At the end of this course students will be able to.

- Implement single page applications in React.
- Use various React features including components and forms.
- Implement a functional front-end web application using React.
- Use React strap for designing responsive React applications.
- Use Redux to design the architecture for a React-Redux application.

Module 1: Introduction to React In this module we get a quick introduction to front-end JavaScript frameworks and libraries, followed by an introduction to react. We will also learn about React components and JSX.

Module 2: React Router and Single Page Applications In this week, you will learn about various component types. You will learn about React router and its use in designing single page applications. You will also learn about single page applications and use React Router to design single page applications.

Module 3: React Forms, Flow Architecture and Introduction to Redux In this module you will be introduced to uncontrolled and controlled forms and briefly examine form validation in React applications. You will get an overview of the Flux architecture and introduced to Redux as a way of realizing the flux architecture.

Module 4: More Redux and Client-Server Communication In this module you will explore Redux further including Redux action, combining reducers, and Redux think, client-server communication using Fetch and the REST API. You will get a brief introduction to animation in React. You will also learn about testing, building and deploying React applications.

TEXT BOOKS:

1. The Road to React by Robin Wieruch
2. React in Action by Mark Tielens Thomas. ...

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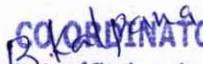Avanthi Ins...

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: II YEAR-I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Web Development using react JS	BREAK	Web Development using react JS	LUNCH	Web Development using react JS	BREAK	Web Development using react JS
TUE							
WED							
THU							
FRI							
SAT							

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HOD

Head of the Department

Electronics & Communication Engineer

Avanthi Institute of Engineering & Tec

Gunthapally (Vill), Abdullapur Met

Ranga Reddy District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **WEB DEVELOPMENT USING REACT JS**

ACADEMIC YEAR: 2022-2023   **Date: 28-12-2022**

B. TECH II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	02-01-2023	Introduction to React In this module we get a quick introduction to front-end.	10:00 am to 04:00 pm	5 hour
2	03-01-2023	React Router and Single Page Applications	10:00 am to 04:00 pm	5 hour
3	04-01-2023	learn about React router and its use in designing single.	10:00 am to 04:00 pm	5 hour
4	05-01-2023	React Forms, Flow Architecture and Introduction to Redux.	10:00 am to 04:00 pm	5 hour
5	06-01-2023	More Redux and Client-Server Communication In this module.	10:00 am to 04:00 pm	5 hour
6	07-01-2023	Redux action, combining reducers, and Redux think.	10:00 am to 04:00 pm	5 hour
			Total-30 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: WEB DEVELOPMENT USING REACT JS

II.B.TECH& I.M.TECHI–SEM   ENROLLED STUDENTS LIST A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q65A0412	Timmapuram Naga Charan
2	22Q65A0413	Veshala Anil Kumar
3	22Q65A0414	Dyvanpally Shiva Teja
4	22Q65A0415	Gaddam Laxmi Tulasi
5	22Q65A0416	Hariom Gupta
6	22Q65A0417	Madaram Manasa
7	22Q65A0418	Pedapati Neeharika
8	22Q65A0419	T Mahalakshmi
9	22Q65A0420	Yelkapally Manasa
10	22Q65A0421	Golla Nagaraju
11	22Q61D5701	Burra Akhila Goud
12	22Q61D5702	J Vasavi
13	22Q61D5703	Kagu Anusha
14	22Q61D5704	Kokkonda Srinivas
15	22Q61D5705	Lakma Kalyan
16	22Q61D5706	Maraboyina Kalyani
17	22Q61D5707	Megavath Krishna Naik
18	22Q61D5708	More Kranthi Bhargav
19	22Q61D5709	Nagali Mahesh Kumar
20	22Q61D5710	Neelam Srikanth
21	22Q61D5711	Ode Beeraiah
22	22Q61D5712	Suguru Yadhi Kumar
23	22Q61D5713	Daram Praveen

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The Students of III-Year B.Tech certificate program attending "Web Development Using react Js& Big Data" by the resource person "M.ShalemRaju" by "Excel Solutions".

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Head of HOD Department
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: WEB DEVELOPMENT USING REACT JS

II.B.TECH& I.M.TECHI–SEM   **A.Y 2022-2023**   **Date: 28-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	02.01.23	03.01.23	04.01.23	05.01.23	06.01.23	07.01.23
1	22Q65A0412	Timmapuram Naga Charan	P	P	P	P	P	P
2	22Q65A0413	Veshala Anil Kumar	P	P	P	P	P	P
3	22Q65A0414	Dyvanpally Shiva Teja	P	P	P	P	P	P
4	22Q65A0415	Gaddam Laxmi Tulasi	P	P	P	P	P	P
5	22Q65A0416	Hariom Gupta	P	P	P	P	P	P
6	22Q65A0417	Madaram Manasa	P	P	P	P	P	P
7	22Q65A0418	Pedapati Neeharika	P	P	P	P	P	P
8	22Q65A0419	T Mahalakshmi	P	P	P	P	P	P
9	22Q65A0420	Yelkapally Manasa	P	P	P	P	P	P
10	22Q65A0421	Golla Nagaraju	P	P	P	P	P	P
11	22Q61D5701	Burra Akhila Goud	P	P	P	P	P	P
12	22Q61D5702	J Vasavi	P	P	P	P	P	P
13	22Q61D5703	Kagu Anusha	P	P	P	P	P	P
14	22Q61D5704	Kokkonda Srinivas	P	P	P	P	P	P
15	22Q61D5705	Lakma Kalyan	P	P	P	P	P	P
16	22Q61D5706	Maraboyina Kalyani	P	P	P	P	P	P
17	22Q61D5707	Megavath Krishna Naik	P	P	P	P	P	P
18	22Q61D5708	More Kranthi Bhargav	P	P	P	P	P	P
19	22Q61D5709	Nagali Mahesh Kumar	P	P	P	P	P	P
20	22Q61D5710	Neelam Srikanth	P	P	P	P	P	P
21	22Q61D5711	Ode Beeraiah	P	P	P	P	P	P
22	22Q61D5712	Suguru Yadhi Kumar	P	P	P	P	P	P
23	22Q61D5713	Daram Praveen	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **WEB DEVELOPMENT USING REACT JS**

II.B.TECH& I.M.TECHI–SEM   A.Y 2022-2023   Date: 02-01-2023 to 07-01-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q65A0412	Timmapuram Naga Charan	30	100
2	22Q65A0413	Veshala Anil Kumar	30	100
3	22Q65A0414	Dyvanpally Shiva Teja	30	100
4	22Q65A0415	Gaddam Laxmi Tulasi	30	100
5	22Q65A0416	Hariom Gupta	30	100
6	22Q65A0417	Madaram Manasa	30	100
7	22Q65A0418	Pedapati Neeharika	30	100
8	22Q65A0419	T Mahalakshmi	30	100
9	22Q65A0420	Yelkapally Manasa	30	100
10	22Q65A0421	Golla Nagaraju	30	100
11	22Q61D5701	Burra Akhila Goud	30	100
12	22Q61D5702	J Vasavi	30	100
13	22Q61D5703	Kagu Anusha	30	100
14	22Q61D5704	Kokkonda Srinivas	30	100
15	22Q61D5705	Lakma Kalyan	30	100
16	22Q61D5706	Maraboyina Kalyani	30	100
17	22Q61D5707	Megavath Krishna Naik	30	100
18	22Q61D5708	More Kranthi Bhargav	0	0
19	22Q61D5709	Nagali Mahesh Kumar	30	100
20	22Q61D5710	Neelam Srikanth	30	100
21	22Q61D5711	Ode Beeraiah	0	0
22	22Q61D5712	Suguru Yadhi Kumar	30	100
23	22Q61D5713	Daram Praveen	30	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 18-01-2023

COURSE REPORT

Name of the Value added course: Web Development Using React Js
Day/Duration: 30 Hours
Time: 10:00 am to 04:00 pm
Resource Person: M.Shalem Raju, Subject Expert, Excelr Solutions
Name of the Coordinator: Mrs.P.Geetha Assistant Professor
Number of the Participants: 23
Topics covered: The following topics covered in this program

➤ Introduction to React In this module we get a quick.
➤ React Router and Single Page Applications.
➤ React Forms, Flow Architecture and Introduction to Redux.
➤ More Redux and Client-Server Communication In this module.

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Avanthi Institute of Engineering and Technology

CERTIFICATE

OF PARTICIPATION

Mr./Ms. **Hariom Gupta** Bearing Roll.No **22Q65A0416** pursuing B.Tech. III. Year,Department of **ELECTRONICS AND COMMUNICATION ENGINEERING** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy has participated in "**WEB DEVELOPMENT USING REACT JS**" Organized by '**EXCELR Raising excellence**' During dates **02/01/2023 to 07/01/2023**.

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COORDINATOR
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HOD ECE
Head of the Department
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Gunthapally (V), Abdullapurmet (M), R R Dist-501512

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CERTIFICATE

OF PARTICIPATION

Mr./Ms. **Ode Beeraiah** Bearing Roll.No **22Q61D5711** pursuing M.Tech. Ist Year,Department of **ELECTRONICS AND COMMUNICATION ENGINEERING** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy has participated in **"WEB DEVELOPMENT USING REACT JS"** Organized by 'EXCELR Raising excellence' During dates **02/01/2023 to 07/01/2023**.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/II/01   **Date: 15-02-2023**

<div align="center">

CIRCULAR

</div>

This is to inform all the III.B. Tech ECE students that, the Department organizing a Value Added Course on **"Antenna Design Using HFSS"**. Department Advisory Committee has been identified, **Dr.N.Ashok Kumar Associate Professor, Department of ECE**. As a resource person for this course. The course is scheduled to run for 06 days from 20-02-2023 to 25-02-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Brilliant Institute of Engineering & Technology

HOD

Head of the Department

Electronics & Communication Engineering

Avanthi Institute of Engineering & Technology

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Ranga Reddy District.

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III.B. Tech ECE students

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ABOUT THE COURSE

The microstrip patch antenna is a popular printed resonant antenna for narrow-band microwave wireless links that require semi-hemispherical coverage. Due to its planar configuration and ease of integration with microstrip technology, the microstrip patch antenna has been heavily studied and is often used as elements for an array. In this tutorial, a 2.4 GHz microstrip patch antenna fed by a microstrip line on a 2.2 permittivity substrate is studied.

COURSE OBJECTIVES

- Students will be able to understand the working principle of different antennas
- Students will be able to design wire antennas and microstrip antennas using HFSS.
- Students will be able to understand the different feeding technique
- Students will be able to design wire antennas, Microstrip antennas, and Microstrip based filters using EM simulator.

EXPECTED OUTCOMES

- To understand the fundamental working principle of an antenna
- To describe/explore the different antenna parameters like input impedance, far-field radiation patterns, reflection coefficient.
- To apply the different feeding technique.
- To evaluate and perform the optimization to achieve a certain goal.
- To design the wire antennas, microstrip antennas, dielectric resonator antenna, etc.

Resource Person	Co-ordinator
Dr.N.Ashok Kumar	Mr.S.Sagar
Associate Professor	Assistant Professor
Department of ECE,BRIET	Department of ECE

LAST DATE FOR REGISTRATION: 18th FEB,2023

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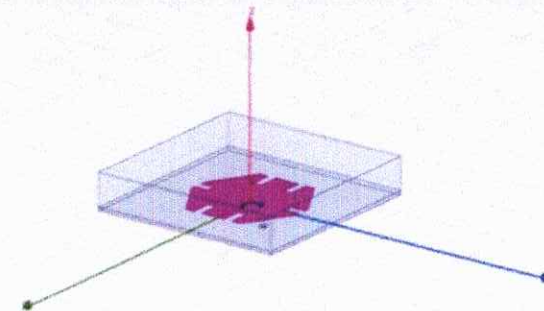
ADD-ON COURSE ON

"ANTENNA DESIGN USING HFSS"

20th FEB TO 25th FEB,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANTENNA DESIGN USING HFSS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. Tech III YEAR-II SEM

Course Obejective:
- Students will be able to understand the working principle of different antennas
- Students will be able to design wire antennas and microstrip antennas using HFSS.
- Students will be able to understand the different feeding technique
- Students will be able to design wire antennas, Microstrip antennas, and Microstrip based filters using EM simulator.

Course Outcomes:
- To understand the fundamental working principle of an antenna
- To describe/explore the different antenna parameters like input impedance, far-field radiation patterns, reflection coefficient, etc.
- To apply the different feeding technique.
- To evaluate and perform the optimization to achieve a certain goal.
- To design the wire antennas, micro strip antennas, dielectric resonator antenna, etc.

Unit-I: Introduction to Antennas and its architectures Importance of Antenna in 5G applications.

Unit-II: Discussion about Antenna parameter working on Cognitive Radio Networks.

Unit-III: Introduction to designing tools working on HFSS and the Importance of HFSS with other tools.

Unit-IV: Design wired antennas and development of microstrip network. Design structure of various antenna and Antenna designing Calculations.

Unit-V: Introduction to wideband antennas, Design of wideband antennas. Antenna designing procedures and Result analysis.

TEXT BOOKS

1. Antenna Design Using HFSS by Behead Razavi.

CO ORDINATOR

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Ranga Reddy Dist, Telangana.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering &
Technology, Gunthapally, Abdullapur M,
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PRINCIPAL
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: III YEAR –II SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Antenna Design Using HFSS	BREAK	Antenna Design Using HFSS	LUNCH	Antenna Design Using HFSS	BREAK	Antenna Design Using HFSS
TUE							
WED							
THU							
FRI							
SAT							

S. Sagar

CO ORDINATOR

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Ranga Reddy Dist, Telangana.

Head of the Department

HOD

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Avanthi Institute of Engineering & Techno
Gunthapally (Vill), Abdullapur Met (M
Ranga Reddy District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANTENNA DESIGN USING HFSS

ACADEMIC YEAR: 2022-2023　　　　　　　　　　**Date: 15-02-2023**

B.TECH III YEAR-II SEM　　　　　　　　　　**DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	20-02-2023	Introduction to Antennas and its architectures Importance of Antenna in 5G applications.	10:00 am to 04:00 pm	6 hour
2	21-02-2023	Discussion about Antenna parameter Working on Cognitive Radio Networks	10:00 am to 04:00 pm	6 hour
3	22-02-2023	Introduction to designing tools Working on HFSS and the Importance of HFSS with other tools.	10:00 am to 04:00 pm	6 hour
4	23-02-2023	Design wired antennas and development of microstrip network.	10:00 am to 04:00 pm	6 hour
5	24-02-2023	Introduction to wideband antennas	10:00 am to 04:00 pm	6 hour
6	25-02-2023	Design of wideband antennas. Antenna designing procedures and Result analysis.	10:00 am to 04:00 pm	6 hour
			Total-36 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: ANTENNA DESIGN USING HFSS

III YEAR II–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	20Q61A0421	Mukundu Saikumar
2	20Q61A0422	Muppa Uday Kiran
3	20Q61A0423	P Ramulu
4	20Q61A0424	PardhaSaradhi Reddy Talasani
5	20Q61A0425	Parvatham Tejaswi
6	20Q61A0426	Pole Shekar
7	20Q61A0427	Sandanolla Suvarna
8	20Q61A0428	Tallapally Uday Kumar
9	20Q61A0429	Thati Gayathri
10	20Q61A0430	Vadlamudi Narendra Kumar
11	20Q61A0431	Yerra Mounika
12	20Q61A0432	Alluri Yeshwanthi
13	20Q61A0433	Boyapally Koushik
14	20Q61A0434	Chinthala Saikumar Reddy
15	20Q61A0435	Jagtap Shirish
16	20Q61A0436	Marri Shivanath Reddy
17	20Q61A0437	Medam Shiva Sai Reddy
18	20Q61A0438	Mohammad Imran
19	20Q61A0439	Mohini Saivamshi
20	20Q61A0440	Muddam Vi Nuthna

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The Students of III-Year B.Tech Certificate Program Attending "Antenna Design Using HFSS" By the Resource Person "Dr.N.Ashok Kumar" by "Brilliant Institute of Engineering & Technology.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME:ANTENNA DESIGN USING HFSS

IIIYEAR II–SEM **A.Y 2022-2023** **Date: 15-02-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	20.02.23	21.02.23	22.02.23	23.02.23	24.02.23	25.02.23
1	20Q61A0421	Mukundu Saikumar	P	P	P	P	P	P
2	20Q61A0422	Muppa Uday Kiran	P	P	P	P	P	P
3	20Q61A0423	P Ramulu	P	P	P	P	P	P
4	20Q61A0424	PardhaSaradhi Reddy Talasani	P	P	P	P	P	P
5	20Q61A0425	Parvatham Tejaswi	P	P	P	P	P	P
6	20Q61A0426	Pole Shekar	P	P	P	P	P	P
7	20Q61A0427	Sandanolla Suvarna	P	P	P	P	P	P
8	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
9	20Q61A0429	Thati Gayathri	P	P	P	P	P	P
10	20Q61A0430	Vadlamudi Narendra Kumar	P	P	P	P	P	P
11	20Q61A0431	Yerra Mounika	P	P	P	P	P	P
12	20Q61A0432	Alluri Yeshwanthi	P	P	P	P	P	P
13	20Q61A0433	Boyapally Koushik	P	P	P	P	P	P
14	20Q61A0434	Chinthala Saikumar Reddy	P	P	P	P	P	P
15	20Q61A0435	Jagtap Shirish	P	P	P	P	P	P
16	20Q61A0436	Marri Shivanath Reddy	P	P	P	P	P	P
17	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
18	20Q61A0438	Mohammad Imran	P	P	P	P	P	P
19	20Q61A0439	Mohini Saivamshi	P	P	P	P	P	P
20	20Q61A0440	Muddam Vi Nuthna	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ANTENNA DESIGN USING HFSS**

III YEAR II–SEM   **A.Y 2022-2023**   **Date: 20-02-2023 to 25-02-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0421	Mukundu Saikumar	36	100
2	20Q61A0422	Muppa Uday Kiran	36	100
3	20Q61A0423	P Ramulu	36	100
4	20Q61A0424	PardhaSaradhi Reddy Talasani	36	100
5	20Q61A0425	Parvatham Tejaswi	36	100
6	20Q61A0426	Pole Shekar	36	100
7	20Q61A0427	Sandanolla Suvarna	36	100
8	20Q61A0428	Tallapally Uday Kumar	36	100
9	20Q61A0429	Thati Gayathri	36	100
10	20Q61A0430	Vadlamudi Narendra Kumar	36	100
11	20Q61A0431	Yerra Mounika	36	100
12	20Q61A0432	Alluri Yeshwanthi	36	100
13	20Q61A0433	Boyapally Koushik	36	100
14	20Q61A0434	Chinthala Saikumar Reddy	36	100
15	20Q61A0435	Jagtap Shirish	36	100
16	20Q61A0436	Marri Shivanath Reddy	36	100
17	20Q61A0437	Medam Shiva Sai Reddy	36	100
18	20Q61A0438	Mohammad Imran	36	100
19	20Q61A0439	Mohini Saivamshi	36	100
20	20Q61A0440	Muddam Vi Nuthna	36	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28-02-2023

COURSE REPORT

Name of the Value added course: Antenna Design Using HFSS

Day/Duration: 36 hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.N.Ashok Kumar Associate Professor, Subject Expert, BRIET

Name of the Coordinator: Mr.S.Sagar Assistant Professor

Number of the Participants: 20

Topics covered: The following topics covered in this program

- ➤ Introduction to Antennas and its architectures.
- ➤ Antenna parameter working on Cognitive Radio Networks.
- ➤ Working on HFSS and the Importance of HFSS with other tools.
- ➤ Wired antennas and development of micro strip network.
- ➤ Antenna designing procedures and Result analysis.

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Ranga Reddy Dist, Telangana.

HOD

Head of the Department

Electronics & Communication Engineering

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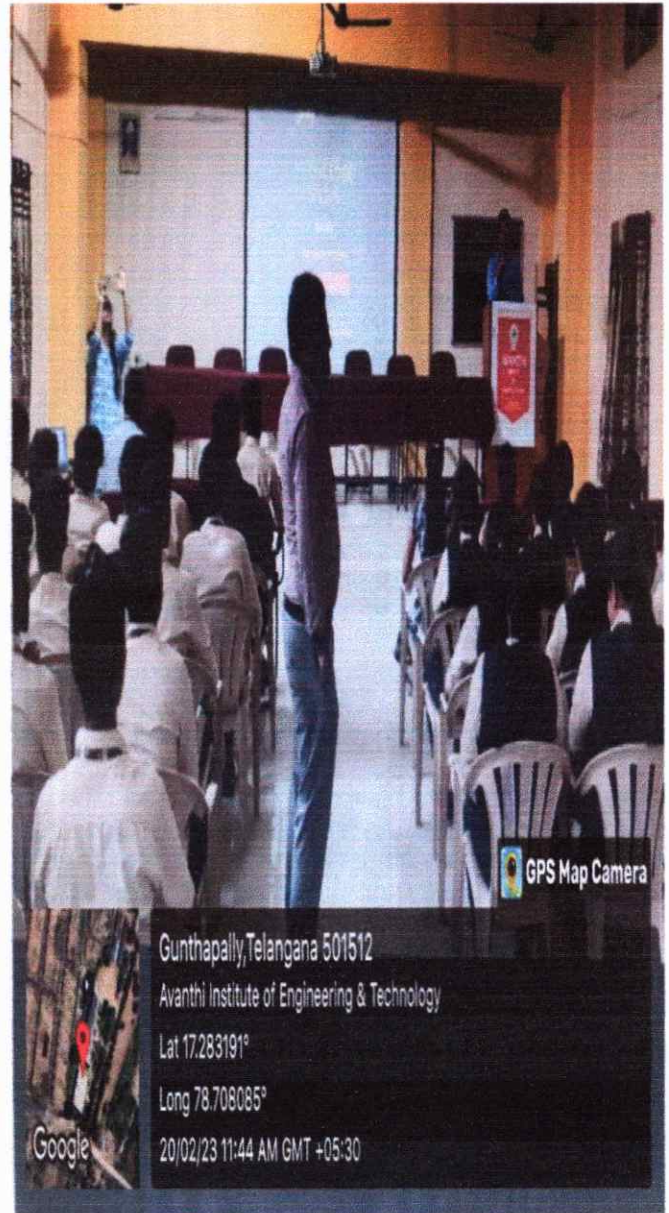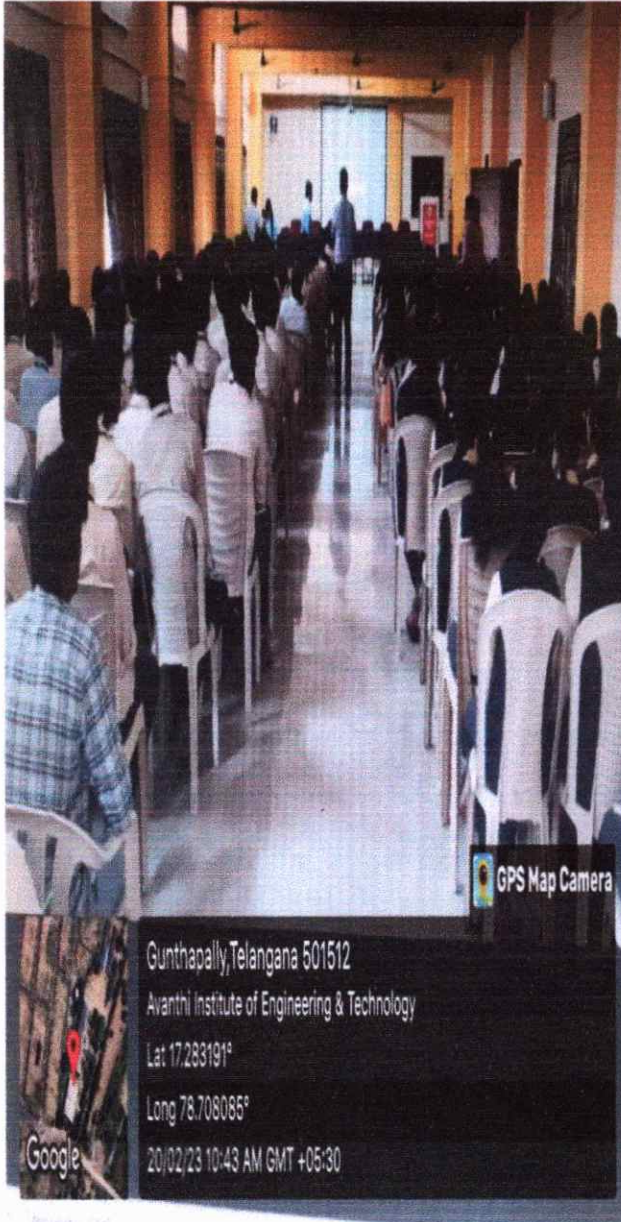Avanthi Institute of Engineering and Technology

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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.SAIKUMAR** Bearing roll number **20Q61A0421** from the department of **ECE** completed the value added course on "**ANTENNA DESIGN USING HFSS**" During the year **2022-23**.

Head of The Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Principal
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Gunthapally (V), Abdullapurmet (Mdl), R.R

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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.SAIVAMSHI** Bearing roll number **20Q61A0439** from the department of **ECE** completed the value added course on **"ANTENNA DESIGN USING HFSS"** During the year **2022-23**.

Head of The Department

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Co-Ordinator

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/II/02   Date: 01-03-2023

CIRCULAR

This is to inform all the III.B. Tech ECE students that, the Department organizing a Value Added Course on **"Mentor Graphics"**. The course is scheduled to run for 06 days from 06-03-2023 to 11-03-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr. J.SunilKumar with Innovative Systems

HOD

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

III.B. Tech ECE students

Dept. file

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Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Mentor Graphics® is a technology leader in electronic design automation (EDA), providing software and hardware design solutions that enable companies to develop better electronic products faster and more cost-effectively.

COURSE OBJECTIVES

- To Make the Students Competent enough to face the corporate world.
- To develop basic skills in students to deal with people in the business Environment.

EXPECTED OUTCOMES

- Understand the different types of power dissipation in MOS structure
- Apply low power techniques at circuit level for CMOS circuits and analyses probabilistic power analysis
- Apply low power techniques and analyze different digital VLSI circuits using mentor graphics
- Design and analysis of low power techniques for memories.
-

Resource Person
Mr.J.Sunil Kumar
Technical Trainer
Innovative Systems

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Co-ordinator
Mrs.K.Shilpa
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION: 04th MAR,2023

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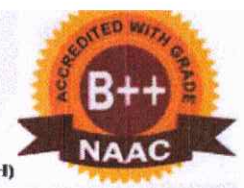
Mentor Graphics®

ADD-ON COURSE ON

"MENTOR GRAPHICS"

06th MAR TO 11th MAR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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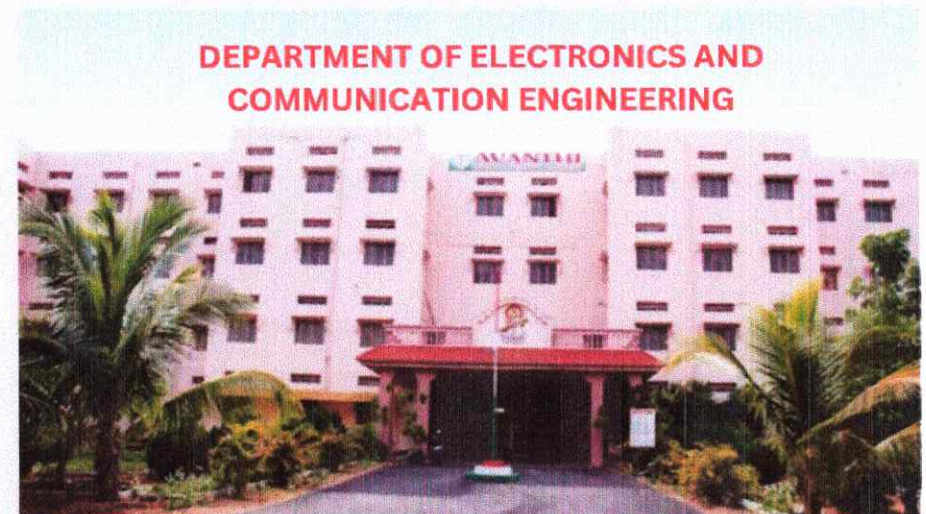
VALUE ADDED COURSE NAME: MENTOR GRAPHICS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B. TECH III YEAR-II SEM

Course Obejective:

- To Make the Students Competent enough to face the corporate world.
- To develop basic skills in students to deal with people in the business Environment.

Course Outcomes:

- Understand the different types of power dissipation in MOS structure
- Apply low power techniques at circuit level for CMOS circuits and analyses probabilistic power analysis
- Apply low power techniques and analyze different digital VLSI circuits using mentor graphics
- Design and analysis of low power techniques for memories.

Unit-I: Introduction to the Mentor Graphics Design Manager interface, general design flow, and a brief list of new features in the current software release. Configuring your system for XACT Mentor Graphics interface software.

Unit-II: Introductiondescription of the XilinxManager.

Unit-III: adding and Design Architect and invoking and using Design Techniques. General design techniques for creating PLD schematics, including modifying Xilinx attributes' Design Issues. FPGA- specific design issues, including a description of Xilinx.

Unit-IV: EPLD DesignEPLD attributes.Issues. EPLD- specific design issues, including a description of Xilinx Functional Simulation Preparation. Preparing your designs for functional simulation.

Unit-V: Design Implementation. Converting FPGA design 1 file to LCA or BIT files, and converting EPLD design files to design database or Intel Hex files.Timing Simulation Preparation. Preparing your designs for timing simulation

K. Shilpa

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: III YEAR-II SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics
TUE	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics
WED	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics
THU	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics
FRI	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics
SAT	Mentor Graphics	BREAK	Mentor Graphics	LUNCH	Mentor Graphics	BREAK	Mentor Graphics

K.Shilpa

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Head of the Department

HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MENTOR GRAPHICS

ACADEMIC YEAR: 2022-2023 **Date: 01-03-2023**

B.TECH III YEAR-II SEM **DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	06-03-2023	Design Manager interface, general design flow.	10:00 am to 04:00 pm	5hour
2	07-03-2023	Introduction description of the Xilinx Manager.	10:00 am to 04:00 pm	5 hour
3	08-03-2023	General design techniques for creating PLD schematics.	10:00 am to 04:00 pm	5 hour
4	09-03-2023	Issues. EPLD- specific design issues, including a description of Xilinx Functional.	10:00 am to 04:00 pm	5 hour
5	10-03-2023	Converting FPGA design 1 file to LCA.	10:00 am to 04:00 pm	5 hour
6	11-03-2023	Timing Simulation Preparation. Preparing your designs for timing simulation	10:00 am to 04:00 pm	5 hour
			Total-30 hours	

K. Shilpa

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Ranga Reddy Dist, Telangana.

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Avanthi Institute of Engineering and Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MENTOR GRAPHICS

III YEAR II–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	20Q61A0441	Muddam Vinay Kumar Reddy
2	20Q61A0442	Paidipelli Abhinav
3	20Q61A0443	Pannala Sravana Sandhya
4	20Q61A0444	Ponshetti Sathvika
5	20Q61A0445	Saketi Anusha
6	20Q61A0446	Sappati Anand Reddy
7	20Q61A0447	Shaik Nazeer
8	20Q61A0448	Syed Neha
9	20Q61A0449	Thirumala Sai Kumar Goud
10	20Q61A0450	Velpula Ramkumar
11	20Q61A0451	Vendru Susmitha
12	20Q61A0452	Sachu Uma Maheshwar Rao
13	20Q61A0453	JoguParsharamulu
14	20Q61A0454	Chouty Akash
15	20Q61A0455	Jammisetty Venu
16	20Q61A0456	Piske Navya
17	17Q65A0408	Bodhu Sai Kiran
18	21Q65A0401	Galimudi Mounika
19	21Q65A0402	Gandham Harika
20	21Q65A0403	Gummadi Sahasra

K.shilPa

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www.aietg.ac.in email: principal.avanthi@gmail.com

The Students of III Year B.Tech Certificate Program attending "Mentor Graphics" By Resource Person"Dr.Mr.J.Sunil" Kumar By 'FTAPCCI'

K.Shilpa

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HOD Head of the Department

Electronics & Communication Engineering

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MENTOR GRAPHICS

IIIYEAR II–SEM   **A.Y 2022-2023**   **Date: 01-03-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	06.03.23	07.03.23	08.03.23	09.03.23	10.03.23	11.03.23
1	20Q61A0441	Muddam Vinay Kumar Reddy	P	P	P	P	P	P
2	20Q61A0442	Paidipelli Abhinav	P	P	P	P	P	P
3	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
4	20Q61A0444	Ponshetti Sathvika	P	P	P	P	P	P
5	20Q61A0445	Saketi Anusha	P	P	P	P	P	P
6	20Q61A0446	Sappati Anand Reddy	P	P	P	P	P	P
7	20Q61A0447	Shaik Nazeer	P	P	P	P	P	P
8	20Q61A0448	Syed Neha	P	P	P	P	P	P
9	20Q61A0449	Thirumala Sai Kumar Goud	P	P	P	P	P	P
10	20Q61A0450	Velpula Ramkumar	P	P	P	P	P	P
11	20Q61A0451	Vendru Susmitha	P	P	P	P	P	P
12	20Q61A0452	Sachu Uma Maheshwar Rao	P	P	P	P	P	P
13	20Q61A0453	JoguParsharamulu	P	P	P	P	P	P
14	20Q61A0454	Chouty Akash	P	P	P	P	P	P
15	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
16	20Q61A0456	Piske Navya	P	P	P	P	P	P
17	17Q65A0408	Bodhu Sai Kiran	P	P	P	P	P	P
18	21Q65A0401	Galimudi Mounika	P	P	P	P	P	P
19	21Q65A0402	Gandham Harika	P	P	P	P	P	P
20	21Q65A0403	Gummadi Sahasra	P	P	P	P	P	P

K.Shilpa

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MENTOR GRAPHICS

III YEAR II–SEM   **A.Y 2022-2023**   **Date: 06-03-2023 to 11-03-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0441	Muddam Vinay Kumar Reddy	36	100
2	20Q61A0442	Paidipelli Abhinav	36	100
3	20Q61A0443	Pannala Sravana Sandhya	36	100
4	20Q61A0444	Ponshetti Sathvika	36	100
5	20Q61A0445	Saketi Anusha	36	100
6	20Q61A0446	Sappati Anand Reddy	36	100
7	20Q61A0447	Shaik Nazeer	36	100
8	20Q61A0448	Syed Neha	36	100
9	20Q61A0449	Thirumala Sai Kumar Goud	36	100
10	20Q61A0450	Velpula Ramkumar	36	100
11	20Q61A0451	Vendru Susmitha	36	100
12	20Q61A0452	Sachu Uma Maheshwar Rao	36	100
13	20Q61A0453	JoguParsharamulu	36	100
14	20Q61A0454	Chouty Akash	36	100
15	20Q61A0455	Jammisetty Venu	36	100
16	20Q61A0456	Piske Navya	36	100
17	17Q65A0408	Bodhu Sai Kiran	36	100
18	21Q65A0401	Galimudi Mounika	36	100
19	21Q65A0402	Gandham Harika	36	100
20	21Q65A0403	Gummadi Sahasra	36	100

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Electronics & Communication Engineer

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Ranga Reddy District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 15-03-2023

COURSE REPORT

Name of the Value added course: Mentor Graphics

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr. J.SunilKumar, Technical Trainer, Innovative Systems

Name of the Coordinator: Mrs.K.Shilpa Assistant Professor

Number of the Participants: 20

Topics covered: The following topics covered in this program

- ➤ Introduction to the Mentor Graphics Design Manager interface.
- ➤ Introduction description of the Xilinx Manager.
- ➤ Adding and Design Architect and invoking and using Design Techniques.
- ➤ EPLD Design EPLD attributes. Issues. EPLD- specific design issues.
- ➤ Design Implementation. Converting FPGA design 1 file to LCA or BIT files.

K.Shilpa

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HOD
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Avanthi Institute of Engineering
Gunthapally (Vill), Abdul...
Ranga Reddy Dist...

Innovative Systems

Towards Quality Service

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Saketi Anusha** Bearing Reg.No **20Q61A0445** is participated in

"MENTOR GRAPHICS" course conducted at the **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'INNOVATIVE**

SYSTEMS'. from **06/03/2023 to 11/03/2023**.

Sd/-
Authorised Signatory
M/s Innovative Systems

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Innovative Systems

Towards Quality Service

E-mail: innovative_systems@rediffmail.com

H. No.1-7-202, South Kamalanagar,
E.C.I.L. Post, Hyderabad - 500062

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Gummadi Sahasra** Bearing Reg.No **21Q65A0403** is participated in **"MENTOR GRAPHICS"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **06/03/2023 to 11/03/2023**.

Sd/-
Authorised Signatory
M/s Innovative Systems

CO.ORDINATOR
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Ranga Reddy Dist. Telangana.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
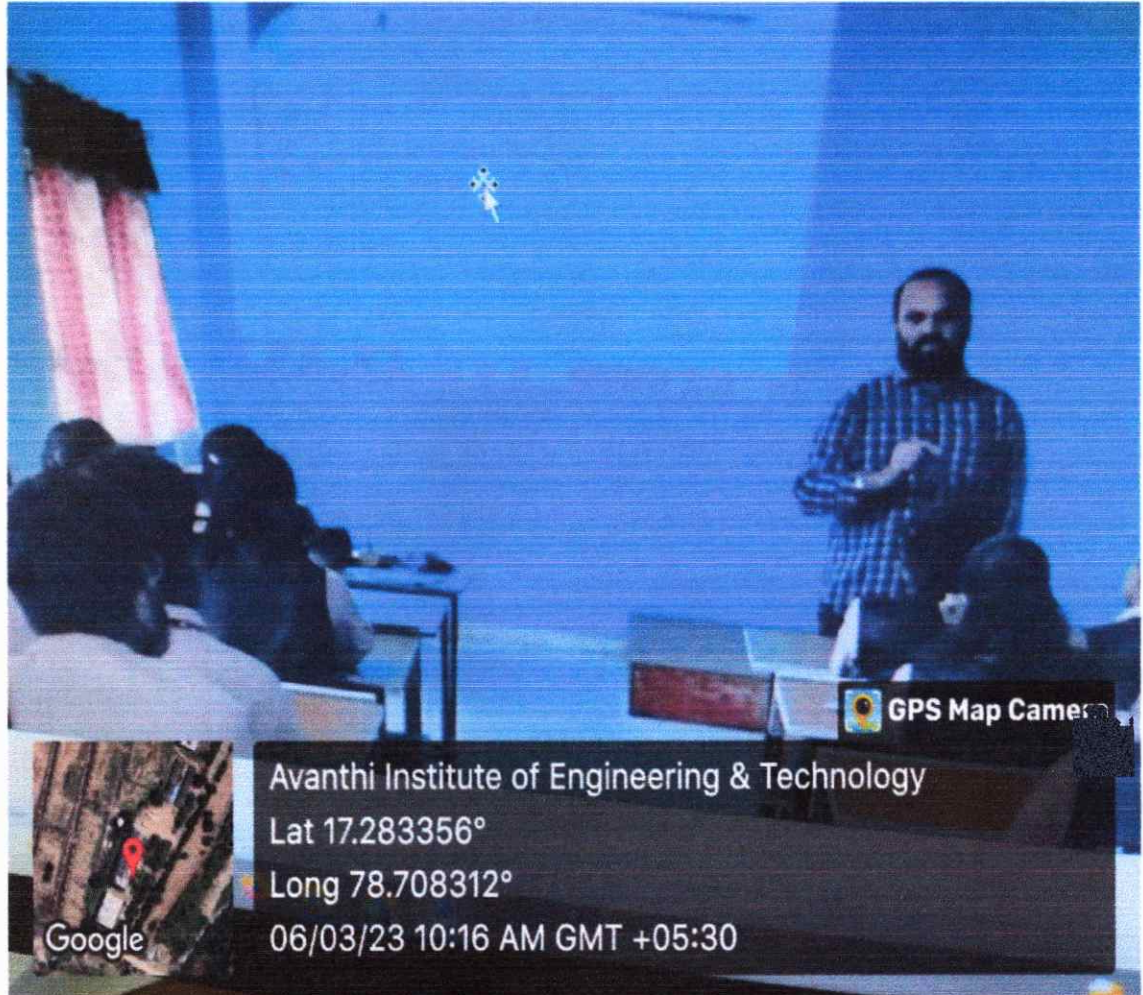Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/II/03   **Date: 20-03-2023**

CIRCULAR

This is to inform all the III.B. Tech ECE students that, the Department organizing a Value Added Course on **"Machine Learning and Data science by Python"**. Department Advisory Committee has been identified, **Dr.JSV Sastry, Professor, Department of CSE**. As a resource person for this course. The course is scheduled to run for 06 days from 27-03-2023 to 01-04-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

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Electronics & Communication Engineeri
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Copy to:

The principal, for kind information

IQAC

Notice Board

III B.Tech ECE students

Dept. file

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ABOUT THE COURSE

Python is a programming language widely used by Data Scientists. Python has in-built mathematical libraries and functions, making it easier to calculate mathematical problems and to perform data analysis. We will provide practical examples using Python.

COURSE OBJECTIVES

- Basic process of data science.
- Python and Jupiter notebooks.
- An applied understanding of how to manipulate and analyze uncurated datasets.
- Basic statistical analysis and machine learning methods
- How to effectively visualize results.

EXPECTED OUTCOMES

- Stay Industry relevant and grow in your career.
- Usage of Numpy, Matplotlib, Pandas along with Basics of Python
- Understand how to apply data visualization practices in real-world scenarios
- Work with different types of data.
- Usage of pandas and its various functionalities

Resource Person
Mr.Dr.J S Venkata Sastry
Professor
Department of CSE

Co-ordinator
Mr.G.Nagu
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION: 25th MAR,2023

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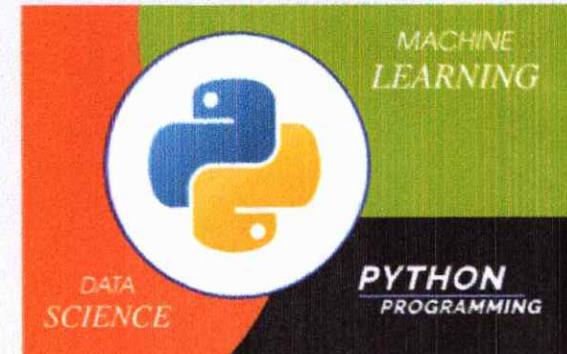
ADD-ON COURSE ON

"MACHINE LEARNING & DATA SCIENCE BY PYTHON"

27th MAR TO 01st APR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MACHINE LEARNING AND DATA SCIENCE BY PYTHON
VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH III YEAR-II SEM

Course Obejective:

- Basic process of data science.
- Python and Jupiter notebooks.
- An applied understanding of how to manipulate and analyze uncrated datasets.
- Basic statistical analysis and machine learning methods
- How to effectively visualize results.

Course Outcomes:

- Stay Industry relevant and grow in your career.
- Usage of Numpy, Matplotlib, Pandas along with Basics of Python
- Understand how to apply data visualization practices in real-world scenarios
- Work with different types of data.
- Usage of pandas and its various functionalities

Unit-I: Introduction: Introduction to the data science process and the value of learning data science.

Unit-II: Background: In this optional week, we provide a brief background in python or UNIX to get you up and running. If you are already familiar with python and/or UNIX, feel free to skip this content.

Unit-III: Jupiter and NumPy: Jupiter notebooks are one of the most commonly used tools in data science as they allow you to combine your research notes with the code for the analysis. After getting started in Jupiter, we'll learn how to use NumPy for data analysis. NumPy offers many useful functions for processing data as well as data structures which are time and space efficient.

Unit-IV:Pandas: Pandas, built on top of jumpy, adds data frames which offer critical data analysis functionality and features.

Unit-V: Visualization: When working with large datasets, you often need to visualize your data to gain a better understanding of it. Also, when you reach conclusions about the data, you'll often wish to use visualizations to present your results.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: III YEAR-II SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Machine Learning and Data science by Python	BREAK	Machine Learning and Data science by Python	LUNCH	Machine Learning and Data science by Python	BREAK	Machine Learning and Data science by Python
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technolog
Gunthapally (Mdl), Abdullapur Met (Mdl),
Ranga Reddy District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MACHINE LEARNING AND DATA SCIENCE BY PYTHON

ACADEMIC YEAR: 2022-2023   **Date: 20-03-2023**

B.TECH III YEAR-II SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	27-03-2023	Introduction to the data science process and the value of learning data science.	10:00 am to 04:00 pm	5 hour
2	28-03-2023	We provide a brief background in python or Unix to get you up and running.	10:00 am to 04:00 pm	5 hour
3	29-03-2023	Jupiter notebooks are one of the most commonly used tools in data science.	10:00 am to 04:00 pm	5 hour
4	30-03-2023	Pandas, built on top of jumpy, add data frames which offer critical data.	10:00 am to 04:00 pm	5 hour
5	31-03-2023	Often need to visualize your data to gain a better understanding of it.	10:00 am to 04:00 pm	5 hour
6	01-04-2023	You'll often wish to use visualizations to present your results.	10:00 am to 04:00 pm	5 hour
			Total-30 hours	

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HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **MACHINE LEARNING AND DATA SCIENCE BY PYTHON**

III YEAR II–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q65A0404	Kandipati Nava Kishore
2	21Q65A0405	Kanugula Likitha
3	21Q65A0406	Kotha Manisha
4	21Q65A0407	Mohammed Naveed
5	21Q65A0408	Mula Bharath
6	21Q65A0409	Nadikudi Anusha
7	21Q65A0410	Nenavath Sandhya
8	21Q65A0411	Poshettysharanya
9	21Q65A0412	Chinthakindi Akhil
10	21Q65A0413	Dandupati Saiteja
11	21Q65A0414	Dasari Naveen Kumar
12	21Q65A0415	G Anand
13	21Q65A0416	Gaddam Vinay Yadav
14	21Q65A0417	Gurrala Pream Sai
15	21Q65A0418	Kakani Harshith
16	21Q65A0419	Nagulapally Ganesh
17	21Q65A0420	Neela Laxman
18	21Q65A0421	RamchinnaMansia
19	21Q65A0422	Swarna Kiranbabu

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The Students of III-Year B.Tech certificate program attending "Machine Learning and Data Science by Python" by the resource person "Dr.J.S.V Sastry, Professor, Department of CSE".

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VALUE ADDED COURSE NAME: MACHINE LEARNING AND DATA SCIENCE BY PYTHON

IIIYEAR II–SEM 　　　　A.Y 2022-2023 　　　　**Date: 20-03-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	27.03.23	28.03.23	29.03.23	30.03.23	31.03.23	01.04.23
1	21Q65A0404	Kandipati Nava Kishore	P	P	P	P	P	P
2	21Q65A0405	Kanugula Likitha	P	P	P	P	P	P
3	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
4	21Q65A0407	Mohammed Naveed	P	P	P	P	P	P
5	21Q65A0408	Mula Bharath	P	P	P	P	P	P
6	21Q65A0409	Nadikudi Anusha	P	P	P	P	P	P
7	21Q65A0410	Nenavath Sandhya	P	P	P	P	P	P
8	21Q65A0411	Poshettysharanya	P	P	P	P	P	P
9	21Q65A0412	Chinthakindi Akhil	P	P	P	P	P	P
10	21Q65A0413	Dandupati Saiteja	P	P	P	P	P	P
11	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
12	21Q65A0415	G Anand	P	P	P	P	P	P
13	21Q65A0416	Gaddam Vinay Yadav	P	P	P	P	P	P
14	21Q65A0417	Gurrala Pream Sai	P	P	P	P	P	P
15	21Q65A0418	Kakani Harshith	P	P	P	P	P	P
16	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
17	21Q65A0420	Neela Laxman	P	P	P	P	P	P
18	21Q65A0421	RamchinnaMansia	P	P	P	P	P	P
19	21Q65A0422	Swarna Kiranbabu	P	P	P	P	P	P

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(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **MACHINE LEARNING AND DATA SCIENCE BY PYTHON**

III YEAR II–SEM   A.Y 2022-2023   Date: 27-03-2023 to 01-04-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0404	Kandipati Nava Kishore	30	100
2	21Q65A0405	Kanugula Likitha	30	100
3	21Q65A0406	Kotha Manisha	30	100
4	21Q65A0407	Mohammed Naveed	30	100
5	21Q65A0408	Mula Bharath	30	100
6	21Q65A0409	Nadikudi Anusha	30	100
7	21Q65A0410	Nenavath Sandhya	30	100
8	21Q65A0411	Poshettysharanya	30	100
9	21Q65A0412	Chinthakindi Akhil	30	100
10	21Q65A0413	Dandupati Saiteja	30	100
11	21Q65A0414	Dasari Naveen Kumar	30	100
12	21Q65A0415	G Anand	30	100
13	21Q65A0416	Gaddam Vinay Yadav	30	100
14	21Q65A0417	Gurrala Pream Sai	30	100
15	21Q65A0418	Kakani Harshith	30	100
16	21Q65A0419	Nagulapally Ganesh	30	100
17	21Q65A0420	Neela Laxman	30	100
18	21Q65A0421	RamchinnaMansia	30	100
19	21Q65A0422	Swarna Kiranbabu	30	100

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Ranga Reddy Dist, Telangana.

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Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

HOD
Head of the Department
Electronics & Communication Engineer
Avanthi Institute of Engineering & Techno
Gunthapally (Vill), Abdullapur Met (Md
Ranga Reddy District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 06-04-2023

COURSE REPORT

Name of the Value added course: Machine Learning and Data science by Python

Day/Duration: 30 hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.J.Sridatta Venkata Sastry, Professor

Name of the Coordinator: Mr.G.Nagu Assistant Professor

Number of the Participants: 19

Topics covered: The following topics covered in this program

- ➤ Introduction to the data science process and the value of learning data.
- ➤ Brief background in python or UNIX to get you up and running.
- ➤ Adding and Design Architect and invoking and using Design Techniques.
- ➤ Pandas, built on top of jumpy, add data frames which offer critical data.
- ➤ Visualization.

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Ranga Reddy District.

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Gunthapally (V), Abdullapurmet (M), R.R. Dist.

Avanthi Institute of Engineering and Technology

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Neela Laxman** Bearing roll number **21Q65A0420** from the department of **ECE** completed the value added course on **"MACHINE LEARNING AND DATA SCIENCE BY PYTHON"** During the year **2022-23**.

Head of The Department

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

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PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Kandipati Nava Kishore** Bearing roll number **21Q65A0404** from the department of **ECE** completed the value added course on **"MACHINE LEARNING AND DATA SCIENCE BY PYTHON"** During the year **2022-23**.

Head of The Department
Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology,
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal of Engg. &
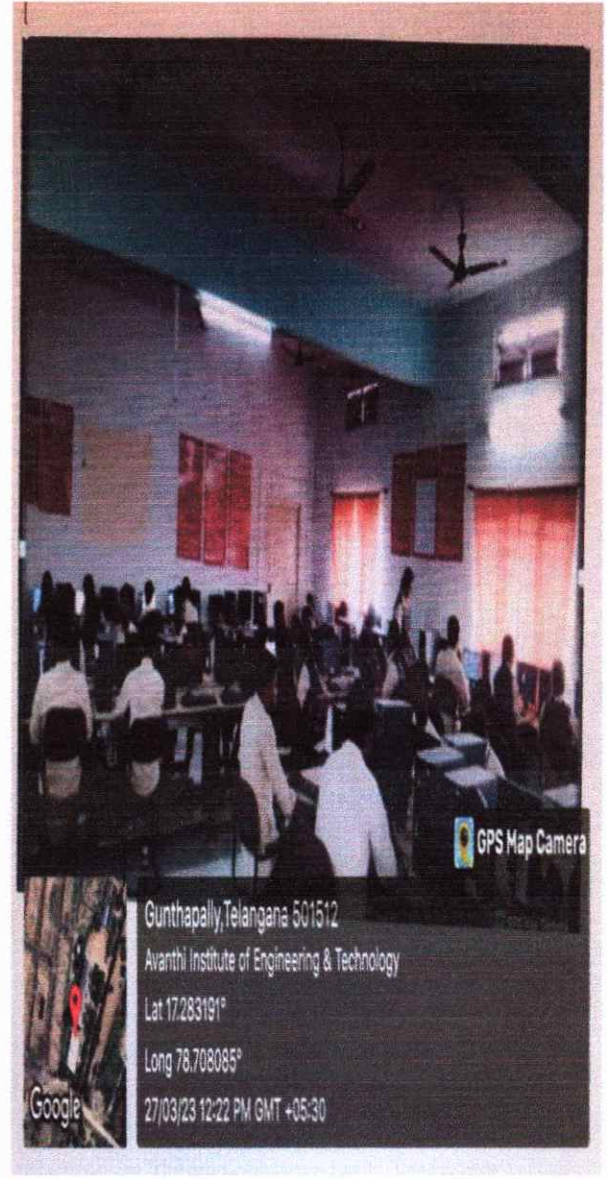Gunthapally (V), Abdullapurmet (Mdl), R.R.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2022-23/II/04   **Date: 01-05-2023**

CIRCULAR

This is to inform all the II.B. Tech ECE students that, the Department organizing a Value Added Course on **"Data Visualization Tableaur"**. As a resource person for this course. The course is scheduled to run for 06 days from 08-05-2023 to 13-05-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr.Alok Kumar with Team Link Consultants (OPC) PW

HOD

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Copy to:

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    Notice Board

    II.B. Tech ECE students

    Dept. file

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ABOUT THE COURSE

Tableau is a data visualization program created by Tableau Software. It is capable of querying a variety of datasets including relational databases, spreadsheets, and cloud-based sources to produce graphs, interactive visualizations, and other tools for visual analytics.

COURSE OBJECTIVES

- To Connect to your data and customize a data source Create a data extract.
- To create groups and hierarchies in field data. Sort and filter data.
- Use sets to compare data subsets.
- Use the Tableau workspace to create visualizations.
- To Build a range of essential chart types for analysis.

EXPECTED OUTCOMES

- Identify the value and structure of Tableau Software as it applies to data visualization in the industry of business and data analytics.
- Build interactive tables by connecting, preparing, and customizing data in Tableau.
- Create data visualizations, dashboards, and Tableau Stories, to communicate analytic insights to the intended audience, such as business stakeholders.
- Apply Tableau performance optimization to improve the speed of working with large data.

Resource Person
Mr.Alok Kumar
Senior Trainer
Team Link Consultants

Co-ordinator
Mr.B.Venkateshwarlu
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION: 6thMAY,2023

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ECE,CSE&EEE UG Programmes are Accredited by NBA
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ADD-ON COURSE ON

"DATA VISULIZATION TABLEAUR"

08th MAY TO 13th MAY,2023

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

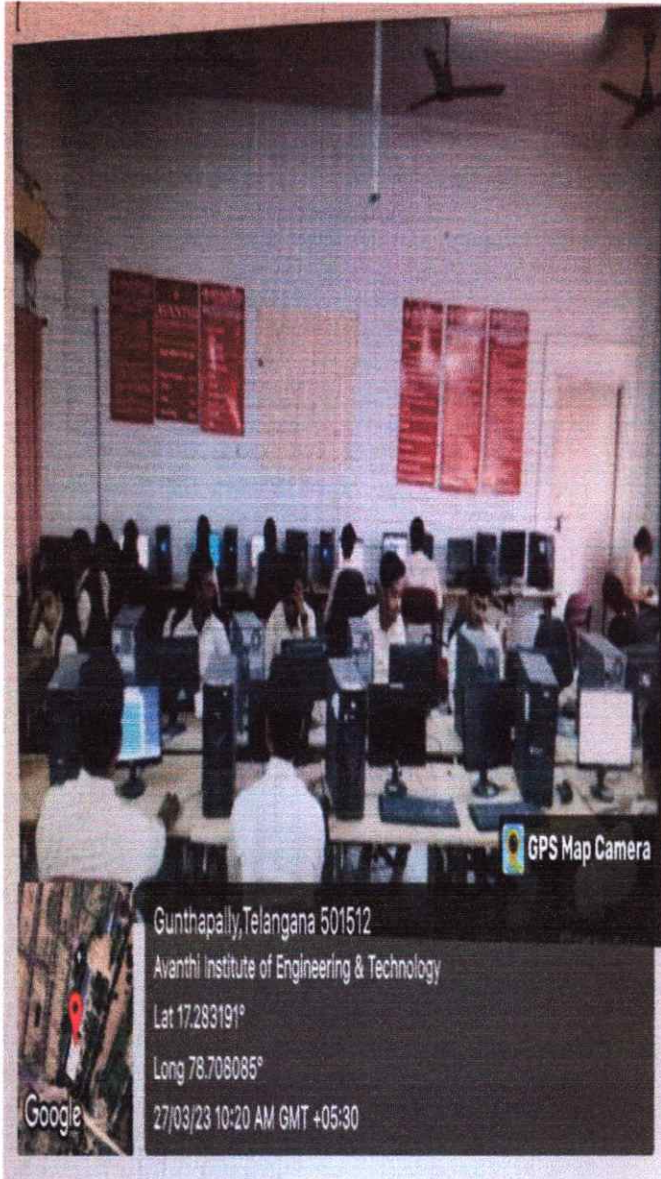**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DATA VISULIZATION TABLEAUR
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B. TECH II YEAR-II SEM

Course Obejective:
- To Connect to your data and customize a data source Create a data extract.
- To create groups and hierarchies in field data. Sort and filter data.
- Use sets to compare data subsets.
- Use the Tableau workspace to create visualizations.
- To build a range of essential chart types for analysis.

Course Outcomes:
- Identify the value and structure of Tableau Software as it applies to data visualization in the industry of business and data analytics.
- Build interactive tables by connecting, preparing, and customizing data in Tableau.
- Create data visualizations, dashboards, and Tableau Stories, to communicate analytic insights to the intended audience, such as business stakeholders.
- Apply Tableau performance optimization to improve the speed of working with large data.

Module 1: Tableau Course Material Start Page Show Me Connecting to Excel Files Connecting to Text Files Connect to Microsoft SQL Server Connecting to Microsoft Analysis Services Creating and Removing Hierarchies Bins Joining Tables Data Blending.

Module 2: Learn Tableau Basic Reports Parameters Grouping Example 1 Grouping Example 2 Edit Groups Set Combined Sets Creating a First Report Data Labels Create Folders Sorting Data Add Totals, Sub Totals and Grand Totals to Report.

Module 3: Learn Tableau Charts AreaChart BarChart Box Plot Bubble Chart Bump Chart Bullet Graph Circle Views Dual Combination Chart Dual Lines Chart Funnel Chart Traditional Funnel Charts GanttChart Grouped Bar or Side by Side Bars Chart Heatmap Highlight Table Histogram Cumulative Histogram Line Chart Lollipop Chart.

Module 4: Learn Tableau Calculations & Filters Calculated Fields Basic Approach to Calculate Rank Advanced Approach to Calculate Rank Calculating Running Total Filters Introduction Quick Filters Filters on Dimensions Conditional Filters Top and Bottom Filters Filters on Measures Context Filters Slicing Filters Data Source Filters Extract Filters.

Module 5: Tableau Server UI Tableau server user interface Users Site roles Groups Schedules Tasks Tableau server menu Content display options.

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TIME TABLE

CLASS: II YEAR-II SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Data Visualization Tableaur	BREAK	Data Visualization Tableaur	LUNCH	Data Visualization Tableaur	BREAK	Data Visualization Tableaur
TUE							
WED							
THU							
FRI							
SAT							

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HOD

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Electronics & Communication Engineerin
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DATA VISULIZATION TABLEAUR

ACADEMIC YEAR: 2022-2023   **Date: 01-05-2023**

B. Tech II YEAR-II SEM   **DAY WISE SCHEDULE SHEET**

SI. No	DAY	Topic	Timings	Duration
1	08-05-2023	Tableau Course Material Start Page Show Me Connecting to Excel Files.	09:30 am to 04:00 pm	6hour
2	09-05-2023	Learn Tableau Basic Reports Parameters Grouping Example 1Edit Groups Set Combined Sets.	09:30 am to 04:00 pm	6 hour
3	10-05-2023	Learn Tableau Charts Area Chart Bar Chart Box Plot Bubble Chart Bump Chart.	09:30 am to 04:00 pm	6 hour
4	11-05-2023	Learn Tableau Calculations & Filters Calculated Fields Basic Approach to Calculate Rank.	09:30 am to 04:00 pm	6 hour
5	12-05-2023	Tableau Server UI Tableau server user interface Users Site roles.	09:30 am to 04:00 pm	6 hour
6	13-05-2023	Groups Schedules Tasks Tableau server menu Content display options.	09:30 am to 04:00 pm	6 hour
			Total-36 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DATA VISULIZATION TABLEAUR

II YEAR II–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0447	Vinod Kambala
2	21Q61A0448	Anthati Nishith Kumar
3	21Q61A0449	B Devendar
4	21Q61A0450	BheemreddySakesth Reddy
5	21Q61A0451	Kukkala Srividya
6	21Q61A0452	Mandava Poorna Shankar
7	21Q61A0453	Modugu Shashidhar Reddy
8	21Q61A0454	Purwanth Mounika
9	21Q61A0455	Rageeru Tejeshwar Goud
10	21Q61A0456	VuduthuriVenkateshwar
11	21Q61A0457	YalagalaNukaiah
12	21Q61A0458	Bairu Saiteja
13	22Q65A0401	Ambati Shyam Raj
14	22Q65A0402	Dara Nanditha
15	22Q65A0403	G Sinduja
16	22Q65A0404	Jakkula Bhavishya
17	22Q65A0405	Kanteti Ganesh Chandra Bhaskara Rao
18	22Q65A0406	Kasupaka Srinivas
19	22Q65A0407	Kolikapongu Uday Kumar
20	22Q65A0408	Kumba Laxmi Thirupathamma
21	22Q65A0409	Nathi Niketha
22	22Q65A0410	Poreddy Vineetha
23	22Q65A0411	Syed Habeeb

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The Students of II Year B.Tech Certificate Program Attending "Data Visualization Tableau"
By The Resource Person "Mr.Alok Kumar" By 'Team Link Consultants (OPC) PW'

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME:DATA VISULIZATION TABLEAUR

IIYEAR II–SEM	A.Y 2022-2023	Date: 01-05-2023

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	08.05.23	09.05.23	10.05.23	11.05.23	12.05.23	13.05.23
1	21Q61A0447	Vinod Kambala	P	P	P	P	P	P
2	21Q61A0448	Anthati Nishith Kumar	P	P	P	P	P	P
3	21Q61A0449	B Devendar	P	P	P	P	P	P
4	21Q61A0450	BheemreddySakesth Reddy	P	P	P	P	P	P
5	21Q61A0451	Kukkala Srividya	P	P	P	P	P	P
6	21Q61A0452	Mandava Poorna Shankar	P	P	P	P	P	P
7	21Q61A0453	Modugu Shashidhar Reddy	P	P	P	P	P	P
8	21Q61A0454	Purwanth Mounika	P	P	P	P	P	P
9	21Q61A0455	Rageeru Tejeshwar Goud	P	P	P	P	P	P
10	21Q61A0456	Vuduthuri Venkateshwar Reddy	P	P	P	P	P	P
11	21Q61A0457	YalagalaNukaiah	P	P	P	P	P	P
12	21Q61A0458	Bairu Saiteja	P	P	P	P	P	P
13	22Q65A0401	Ambati Shyam Raj	P	P	P	P	P	P
14	22Q65A0402	Dara Nanditha	P	P	P	P	P	P
15	22Q65A0403	G Sinduja	P	P	P	P	P	P
16	22Q65A0404	Jakkula Bhavishya	P	P	P	P	P	P
17	22Q65A0405	Kanteti Ganesh Chandra Bhaskara Rao	P	P	P	P	P	P
18	22Q65A0406	Kasupaka Srinivas	P	P	P	P	P	P
19	22Q65A0407	Kolikapongu Uday Kumar	P	P	P	P	P	P
20	22Q65A0408	Kumba Laxmi Thirupathamma	P	P	P	P	P	P
21	22Q65A0409	Nathi Niketha	P	P	P	P	P	P
22	22Q65A0410	Poreddy Vineetha	P	P	P	P	P	P
23	22Q65A0411	Syed Habeeb	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **DATA VISULIZATION TABLEAUR**

II YEAR II–SEM   **A.Y 2022-2023**   **Date: 08-05-2023 to 13-05-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0447	Vinod Kambala	36	100
2	21Q61A0448	Anthati Nishith Kumar	36	100
3	21Q61A0449	B Devendar	36	100
4	21Q61A0450	BheemreddySakesth Reddy	36	100
5	21Q61A0451	Kukkala Srividya	36	100
6	21Q61A0452	Mandava Poorna Shankar	36	100
7	21Q61A0453	Modugu Shashidhar Reddy	36	100
8	21Q61A0454	Purwanth Mounika	36	100
9	21Q61A0455	Rageeru Tejeshwar Goud	36	100
10	21Q61A0456	VuduthuriVenkateshwar	36	100
11	21Q61A0457	YalagalaNukaiah	36	100
12	21Q61A0458	Bairu Saiteja	36	100
13	22Q65A0401	Ambati Shyam Raj	36	100
14	22Q65A0402	Dara Nanditha	36	100
15	22Q65A0403	G Sinduja	36	100
16	22Q65A0404	Jakkula Bhavishya	36	100
17	22Q65A0405	Kanteti Ganesh Chandra Bhaskara Rao	36	100
18	22Q65A0406	Kasupaka Srinivas	36	100
19	22Q65A0407	Kolikapongu Uday Kumar	36	100
20	22Q65A0408	Kumba Laxmi Thirupathamma	36	100
21	22Q65A0409	Nathi Niketha	36	100
22	22Q65A0410	Poreddy Vineetha	36	100
23	22Q65A0411	Syed Habeeb	36	100

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Avanthi Ins... ...neering & T
Gunthap... ...bdullapur M
... ...District.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 17-05-2023

COURSE REPORT

Name of the Value added course: Data Visualization Tableaur

Day/Duration: 36 hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.Alok Kumar, Senior Trainer, Team Link Consultants (OPC) PW

Name of the Coordinator: Mr.B.Venkateshwarlu Assistant Professor

Number of the Participants: 23

Topics covered: The following topics covered in this program.

- ➤ Tableau Course Material.
- ➤ Learn Tableau Basic Reports.
- ➤ Learn Tableau Charts.
- ➤ Learn Tableau Dashboards.
- ➤ Tableau Server UI.

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Head of HOD Department

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COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Poreddy Vineetha** Bearing Reg.No **21Q65A0410** is participated in **"DATA VISULIZATION TABULEAUR"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'TEAM LINK CONSULTANTS'** from **08/05/2023 to 13/05/2023**.

Sign

Name: Bikshu.G

Designation: Manager HR

Date:

COORDINATION
vanthi Institute of Engineering & Techn. ...
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Purwanth Mounika** Bearing Reg.No **21Q61A0454** is participated in **"DATA VISULIZATION TABULEAUR"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'TEAM LINK CONSULTANTS'** from **08/05/2023 to 13/05/2023**.

Sign
Name Bikshu G
Designation Manager HR
Date

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Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2022-23/I/01   **Date: 01-10-2022**

CIRCULAR

This is to inform all the III B. Tech EEE students that, the Department organizing a Value Added Course on "**Electrical Load Estimation and Designing**". The course is scheduled to run for 06 days from 10-10-2022 to 15-10-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr.MD.Hareef with Diplomat Electricals Pvt Ltd.

HOD

Head of the Department
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Avanthi Institute of Engineering & Technolo...
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ABOUT THE COURSE

In an electrical system, there would be a lot of electrical components and all these components would be connected to do some operations. This system would be designed according to the electric load of a building, and also it would be designed according to the space which is required for the equipment. There are certain codes that must be considered while designing an electrical system.

COURSE OBJECTIVES

- Emphasize the estimating and costing aspects of all electrical equipment, installation and designs to analyse the cost Availability.
- Exposure to design and estimation of wiring, design of overhead and underground distribution lines, substations and illuminations design.
- These techniques should help the students to successfully estimate costing of the products/projects that are part of our everyday usage.
- a basic knowledge on methods and types of estimation and its merits and demerits
- To prepare the schedule of materials with specifications and estimates for different types of electrical installations.

EXPECTED OUTCOMES

- The estimating and costing aspects of all electrical equipment
- Exposure to design and estimation of wiring.
- To design illumination systems.
- Understand types of substations and their ratings.
- These techniques should help the students to successfully estimate costing

Resource Person
Mr.MD.Hareef
Senior Engineer
Diplomat Electricals pvt ltd

Co-ordinator
Mr.B.Srikanth
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:8th OCT,2022

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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)
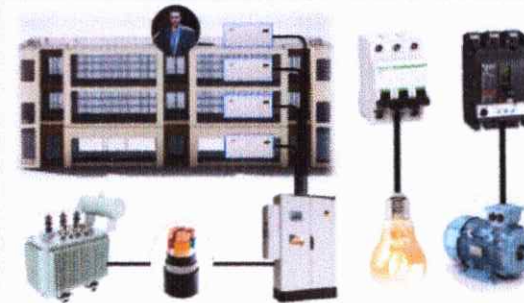
ADD-ON COURSE ON

"ELECTRICAL LOAD ESTIMATION AND DESIGNING"

10th OCT TO 15th OCT,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: ELECTRICAL LOAD ESTIMATION AND DESIGNING

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B.TECH: III YEAR-I SEM

Course objectives:
- Emphasize the estimating and costing aspects of all electrical equipment, installation and designs to analyze the cost Aviability.
- Exposure to design and estimation of wiring, design of overhead and underground distribution lines, substations and illuminations design.
- These techniques should help the students to successfully estimate costing of the products/projects that are part of our everyday usage.
- a basic knowledge on methods and types of estimation and its merits and demerits
- To prepare the schedule of materials with specifications and estimates for different types of electrical installations.

UNIT-I: DESIGN CONSIDERATIONS OF ELECTRICAL INSTALLATIONS: Electric Supply System, Three phase four wire distribution system, Protection of Electric Installation against over load, short circuit and Earth fault, Earthling, General requirements of Electrical Installations, testing of installations, Indian Electricity rules, Neutral and Earth wire, Types of loads, Systems of wiring, Service connections, Service Mains, Sub-Circuits, Location of Outlets, Location of Control Switches, Location of Main Board and Distribution Board, guide lines for Installation of Fittings, Load Assessment, Permissible voltage drops and sizes of wires, estimating and costing of Electrical installations.

UNIT-II: ELECTRICAL INSTALLATION OF BUILDINGS AND SMALL INDUSTRIES: Electrical installations for residential buildings – estimating and costing of material, Electrical installations for commercial buildings, Electrical installations for small industries.

UNIT-III: OVERHEAD AND UNDERGROUND TRANSMISSION AND DISTRIBUTION LINES: Introduction, Supports for Transmission lines, Distribution lines – Materials used, Underground cables, Mechanical Design of overhead lines, Design of underground cables.

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UNIT-IV: SUBSTATIONS: Introduction, Types of substations, Outdoor substation – Pole mounted type, Indoor substation, Floor mounted type.

UNIT-V: DESIGN OF ILLUMINATION SCHEMES: Introduction, Terminology in Illumination, laws of illumination, various types of light sources, Practical lighting schemes.

TEXT BOOKS:

1. Electrical Design Estimating and Costing, K.B. Raina, S.K. Bhattacharya, New Age International Publisher.
2. Design of Electrical Installations, Dr. V.K. Jain, Dr. Amitabh Bajaj, University Science Press.
3. Electricity pricing Engineering Principles and Methodologies, Lawrence J. Vogt, P.E., CRCPress.

REFERENCES BOOKS:

1. Guide for Electrical Layout in residential buildings, Indian Standard Institution, IS: 4648-1968
2. Electrical Installation buildings Indian Standard Institution, IS: 2032.

B·Srikanth

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: III YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Electrical Load Estimation and Designing	BREAK	Electrical Load Estimation and Designing	LUNCH	Electrical Load Estimation and Designing	BREAK	Electrical Load Estimation and Designing
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE NAME: ELECTRICAL LOAD ESTIMATION AND DESIGNING

ACADEMIC YEAR: 2022-23   **Date: 01-10-2022**

B.TECH: III YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	10-10-2022	Electric Supply System, Three phase four wire distribution system, Protection of Electric Installation against over load	10:00 am to 04:00 pm	5 hour
2	11-10-2022	Electrical installations for residential buildings – estimating and costing of material, Electrical installations for commercial buildings	10:00 am to 04:00 pm	5 hour
3	12-10-2022	Introduction, Supports for Transmission lines, Distribution lines – Materials used, Underground cables, Mechanical Design of overhead lines	10:00 am to 04:00 pm	5 hour
4	13-10-2022	Introduction, Types of substations, Outdoor substation	10:00 am to 04:00 pm	5 hour
5	14-10-2022	Pole mounted type, Indoor substation, Floor mounted type	10:00 am to 04:00 pm	5 hour
6	15-10-2022	Introduction, Terminology in Illumination, laws of illumination, various types of light sources	10:00 am to 04:00 pm	5 hour
			Total:30 Hours	

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL LOAD ESTIMATION AND DESIGNING**

B. TECH III YEAR-I SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	20Q61A0201	B Bhanu Prasad
2	20Q61A0202	E Naveen Goud
3	20Q61A0203	Gaddam Leander
4	20Q61A0204	Goli Saketh
5	20Q61A0205	Gugulothu Kamesh Babu
6	20Q61A0206	Gundaboina Bhavya
7	20Q61A0207	Gundeboyina Rachana
8	20Q61A0208	Katravath Ram Charan Naik
9	20Q61A0209	Gunti Mahesh
10	21Q65A0201	Beerla Sai Deekshitha
11	21Q65A0202	Dandu Rahul
12	21Q65A0203	Janga Karthik
13	21Q65A0204	Kandle Snehith
14	21Q65A0205	Maisa Deepika
15	21Q65A0206	BachalaSrisaiteja
16	21Q65A0207	Chaladi Rakesh Rohan
17	21Q65A0208	Chilveru Swetha
18	21Q65A0209	D Tharun Kumar Reddy

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The students of III-Year B.Tech certificate program attending "Electrical Load Estimation & Designing" by the resource person "Mr.MD.Hareef" by 'Diplomat Electricals Pvt Ltd.'

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL LOAD ESTIMATION AND DESIGNING**

B. TECH III YEAR-I SEM   A.Y 2022-2023   Date: 01-10-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	10.10.22	11.10.22	12.10.22	13.12.22	14.12.22	15.12.22
1	20Q61A0201	B Bhanu Prasad	P	P	P	P	P	P
2	20Q61A0202	E Naveen Goud	P	P	P	P	P	P
3	20Q61A0203	Gaddam Leander	P	P	P	P	P	P
4	20Q61A0204	Goli Saketh	P	P	P	P	P	P
5	20Q61A0205	Gugulothu Kamesh Babu	P	P	P	P	P	P
6	20Q61A0206	Gundaboina Bhavya	P	P	P	P	P	P
7	20Q61A0207	Gundeboyina Rachana	P	P	P	P	P	P
8	20Q61A0208	Katravath Ram Charan Naik	P	P	P	P	P	P
9	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P
10	21Q65A0201	Beerla Sai Deekshitha	P	P	P	P	P	P
11	21Q65A0202	Dandu Rahul	P	P	P	P	P	P
12	21Q65A0203	Janga Karthik	P	P	P	P	P	P
13	21Q65A0204	Kandle Snehith	P	P	P	P	P	P
14	21Q65A0205	Maisa Deepika	P	P	P	P	P	P
15	21Q65A0206	BachalaSrisaiteja	P	P	P	P	P	P
16	21Q65A0207	Chaladi Rakesh Rohan	P	P	P	P	P	P
17	21Q65A0208	Chilveru Swetha	P	P	P	P	P	P
18	21Q65A0209	D Tharun Kumar Reddy	P	P	P	P	P	P

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL LOAD ESTIMATION AND DESIGNING**

B. TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 10-10-2022 to 15-10-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0201	B Bhanu Prasad	30	100
2	20Q61A0202	E Naveen Goud	30	100
3	20Q61A0203	Gaddam Leander	30	100
4	20Q61A0204	Goli Saketh	30	100
5	20Q61A0205	Gugulothu Kamesh Babu	30	100
6	20Q61A0206	Gundaboina Bhavya	30	100
7	20Q61A0207	Gundeboyina Rachana	30	100
8	20Q61A0208	Katravath Ram Charan Naik	30	100
9	20Q61A0209	Gunti Mahesh	30	100
10	21Q65A0201	Beerla Sai Deekshitha	30	100
11	21Q65A0202	Dandu Rahul	30	100
12	21Q65A0203	Janga Karthik	30	100
13	21Q65A0204	Kandle Snehith	30	100
14	21Q65A0205	Maisa Deepika	30	100
15	21Q65A0206	BachalaSrisaiteja	30	100
16	21Q65A0207	Chaladi Rakesh Rohan	30	100
17	21Q65A0208	Chilveru Swetha	30	100
18	21Q65A0209	D Tharun Kumar Reddy	30	100

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 20-10-2022

COURSE REPORT

Name of the Value added course: Electrical Load Estimation and Designing
Day/Duration: 30 Hours
Time: 10:00 am to 04:00 pm
Resource Person: Mr.MD.Hareef, Senior Engineer, Diplomat Electricals Pvt.Ltd.
Name of the Coordinator: Mr.B.Srikanth, Assistant Professor.
Number of the Participants: 18
Topics covered: The following topics covered in this program

- Design Considerations of Electrical Installations
- Electrical Installation of Buildings and Small Industries
- Overhead And Underground Transmission and Distribution Lines
- Substations
- Design of Illumination Schemes

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derabad - 500 072 Andra Pradesh, India.
l. No. : +91 - 40 – 40064747.

E-mail : adminhvd@diplomatelectricals.com

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **B.Bhanu Prasad** Bearing Roll.No **20Q61A0201**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**ELECTRICAL LOAD ESTIMATION AND DESIGNING**" Organized by '**Diplomat Electricals pvt. Ltd.**' During dates **10/10/2022** to **15/10/2022**.

Sd/-
Authorized Signatory
M/s **Diplomat Electricals Pvt. Ltd**

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Head of the Department
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Tel. No. : +91 - 40 - 40064747.

E-mail : adminhvd@diplomatelectricals.com

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **CH.Swetha** Bearing Roll.No **21Q65A0208**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from **Avanthi Institute of Engineering & Technology,**Gunthapally,Abdullapurmettu,Rangareddy has participated in "**ELECTRICAL LOAD ESTIMATION AND DESIGNING**" Organized by 'Diplomat Electricals pvt. Ltd.' During dates **10/10/2022** to **15/10/2022**.

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Authorized Signatory
M/s Diplomat Electricals Pvt. Ltd

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2022-23/I/02   **Date: 25-10-2022**

CIRCULAR

This is to inform all the III B. Tech EEE students that, the Department organizing a Value Added Course on "**Smart Grid**". Department Advisory Committee has been identified. **Dr.T.Kranthi Kumar, Associate Professor**, **Department of EEE** As a resource person for this course. The course is scheduled to run for 06 days from 31-10-2022 to 05-11-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

Head of the Department **HOD**
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Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist

Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

The behaviour of existing electrical grid changes very fast and requires dynamic platforms to address the peculiarities related to increased penetration from renewable energy sources, possible inclusion of electric vehicles, ensuring energy security, open access and deregulation. The grid should be resilient enough to behave smartly. The time has come for the existing electric grid to become a smart grid by incorporating dynamic platforms of communication technologies superimposing over the existing electricity infrastructure.

COURSE OBJECTIVES

- Smart electric power grids, including definition, design criteria, technology and IoT.
- Information processing and communications to the power grid.
- Understanding the development of the smart grid,
- Smart grid design, implementation, evaluation and management of smart electricity infrastructure.

EXPECTED OUTCOMES

At the end of this course students will be able to ...
- Understand the fundamental element of the smart grid and power grid.
- Understand different communication technologies used in smart grids.
- Get accustomed with the fundamentals of SCADA and IED
- Understand the Importance of Automation in Substation and substation Automation.
- Understand the Energy management systems in era of smart grid.
- Understand the distribution automation for smart grid development.

Resource Person
Dr.T.Kranthi Kumar
Associate Professor
Department of EEE

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.

Co-ordinator
Mr.U.Ganesh
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:28th OCT,2022

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NAAC
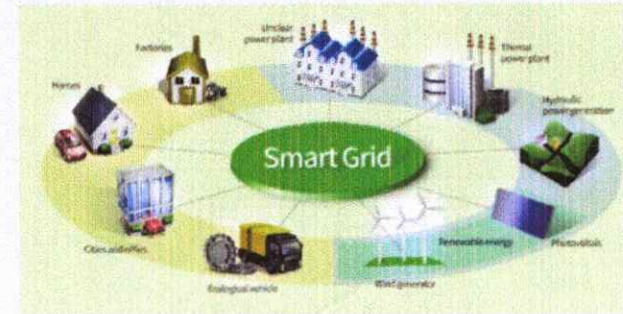
ADD-ON COURSE ON

"SMART GRID"

31st OCT TO 05th NOV,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

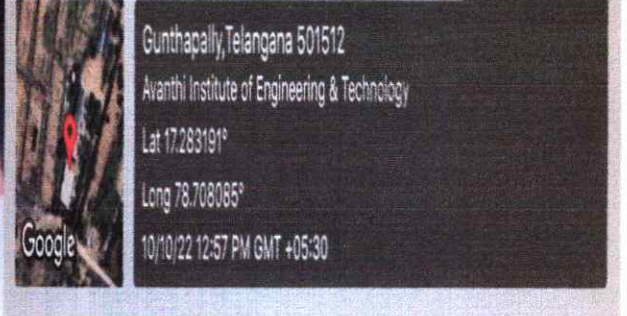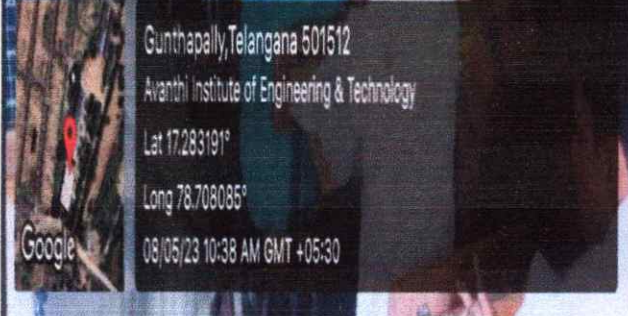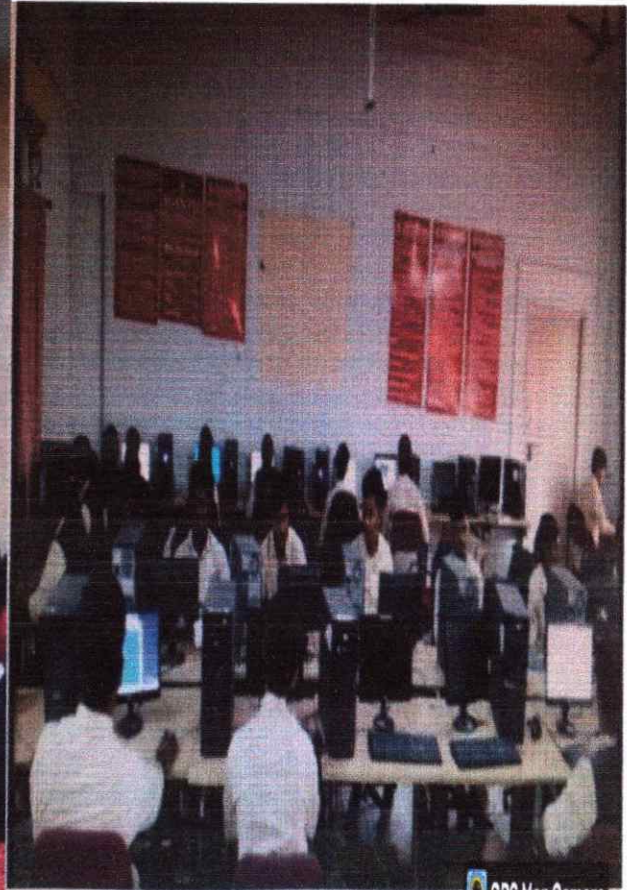### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: SMART GRID

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. Tech III YEAR I-SEM

Course objectives:

- Smart electric power grids, including definition, design criteria, technology and IoT.
- Information processing and communications to the power grid.
- Understanding the development of the smart grid,
- Smart grid design, implementation, evaluation and management of smart electricity infrastructure.

UNIT-I: Introduction Indian smart grid policy. Basic concept and definition of smart grid. Smart grid architecture. Smart grid technologies. Properties of smart grid: flexibility, reliability, demand response and other performance parameters. DC smart micro grids.

UNIT-II: Communication technologies Generic model of communication network needed for Smart-grid, two way and real-time communication in power network, Introduction to different communication technologies available in the market (Latest standards. Emphasis on importance of inoperability and standardization of communication protocols), Matrix of different technologies against the smart-grid communication needs in a given utility environment, AMI, AMR & MDA: How it works and how it will help to; reduce peaks manage networks more efficiently and contribute towards smarter grids, Communication Standards IEC6150, Wide Area Situation awareness (WASA), Network stability

UNIT-III: Smart meters Introduction, technology, data management, energy monitoring, smart energy meter, Pharos Measurement Unit (PMU), smart metering infrastructure, data acquisition.

UNIT-IV: IoT for power systems Internet of things for electricity infrastructure and energy management. SCADA, Demand response, AMI, IoT aided smart grid, big data for power system and introduction to data analytics.

UNIT-V: Application of smart grid Challenges being faced during implementation of smart grid. Virtual power plants, Smart Utilities (case studies), Smart Grid Maturity Model (SGMM).

REFERENCE BOOKS:

1. James Momoh, "Smart Grid: Fundamentals of design and analysis", John Wiley & sons Inc, IEEE press 2012.

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2. Janaka Ekanayake, Nick Jenkins, Kithsiri Liyanage, Jianzhong Wu, Akihiko Yokoyama, "Smart Grid: Technology and Applications", John Wiley & sons inc, 2015.

3. Fereidoon P. Sioshansi, "Smart Grid: Integrating Renewable, Distributed & Efficient Energy", Academic Press, 2012.

4. Clark W.Gellings, "The smart grid: Enabling energy efficiency and demand response", Fairmont Press Inc, 2009.

U. Ganesh
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Head of the Department **HOD**
Electrical & Electronics Engineer
Avanthi Institute of Engineering & Techno
Gunthapally (Vill), Abdullapur Met (M
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: III YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Smart Grid	BREAK	Smart Grid	LUNCH	Smart Grid	BREAK	Smart Grid
TUE							
WED							
THU							
FRI							
SAT							

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HOD
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: SMART GRID

ACADEMIC YEAR: 2022-23　　　　　　　　　　　**Date: 25-10-2022**

B.TECH: III YEAR-I SEM　　　　　　　　　**DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	31-10-2022	Introduction Indian smart grid policy. Basic concept and definition of smart grid	09:30 am to 04:00 pm	6hour
2	01-11-2022	Communication technologies Generic model of communication network needed for Smart-grid.	09:30 am to 04:00 pm	6 hour
3	02-11-2022	Smart meters Introduction, technology, data management, energy monitoring.	09:30 am to 04:00 pm	6 hour
4	03-11-2022	IoT for power systems Internet of things for electricity infrastructure and energy management	09:30 am to 04:00 pm	6 hour
5	04-11-2022	Application of smart grid Challenges being faced during implementation of smart grid.	09:30 am to 04:00 pm	6 hour
6	05-11-2022	Virtual power plants, Smart Utilities (case studies), Smart Grid Maturity Model (SGMM).	09:30 am to 04:00 pm	6 hour
			Total:36 Hours	

U. Ganesh

CO ORDINATOR

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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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Head of the Department

HOD

Electrical & Electronics Engineer
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: SMART GRID

B. TECH III YEAR-I SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	21Q65A0210	Dodle Nandu
2	21Q65A0211	Dharshanam Abhishek
3	21Q65A0212	Dumpeta Nikhil
4	21Q65A0213	Gollapelli Vignesh
5	21Q65A0214	Gudipati Bhanuprakash
6	21Q65A0215	Gundemoni Madhu
7	21Q65A0216	Gundeti Shireesha
8	21Q65A0217	Jambula Venkatesh
9	21Q65A0218	Karamthotu Vinod
10	21Q65A0219	Kothakapu Jyoshna
11	21Q65A0220	Kothi Bhanu Prakash
12	21Q65A0221	Kuchani Sai Srujan
13	21Q65A0222	Kumaram Mounika
14	21Q65A0223	Kunchala Trinath
15	21Q65A0224	Kuppi Saikumar Reddy
16	21Q65A0225	LavooriSakru
17	21Q65A0226	Lokam Shiva Krishna
18	21Q65A0227	Merugu Snehith Kumar

U. Ganesh

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Head of the Department

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The Students of III-Year B.Tech certificate program attending "Smart Grid" by the resource person "Dr.T.Kranthi Kumar, Associate Professor".

U·Ganesh

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Head of the Department **HOD**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: SMART GRID

B. TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 25-10-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	31.10.22	01.11.22	02.11.22	03.11.22	04.11.22	05.11.22
1	21Q65A0210	Dodle Nandu	P	P	P	P	P	P
2	21Q65A0211	Dharshanam Abhishek	P	P	P	P	P	P
3	21Q65A0212	Dumpeta Nikhil	P	P	P	P	P	P
4	21Q65A0213	Gollapelli Vignesh	P	P	P	P	P	P
5	21Q65A0214	Gudipati Bhanuprakash	P	P	P	P	P	P
6	21Q65A0215	Gundemoni Madhu	P	P	P	P	P	P
7	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
8	21Q65A0217	Jambula Venkatesh	P	P	P	P	P	P
9	21Q65A0218	Karamthotu Vinod	P	P	P	P	P	P
10	21Q65A0219	Kothakapu Jyoshna	P	P	P	P	P	P
11	21Q65A0220	Kothi Bhanu Prakash	P	P	P	P	P	P
12	21Q65A0221	Kuchani Sai Srujan	P	P	P	P	P	P
13	21Q65A0222	Kumaram Mounika	P	P	P	P	P	P
14	21Q65A0223	Kunchala Trinath	P	P	P	P	P	P
15	21Q65A0224	Kuppi Saikumar Reddy	P	P	P	P	P	P
16	21Q65A0225	LavooriSakru	P	P	P	P	P	P
17	21Q65A0226	Lokam Shiva Krishna	P	P	P	P	P	P
18	21Q65A0227	Merugu Snehith Kumar	P	P	P	P	P	P

U.Ganesh

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Ranga Reddy Dist, Telangana.

T-Kith

HOD

Head of the Department

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: SMART GRID

B. TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 31-10-2022 to 05-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0210	Dodle Nandu	36	100
2	21Q65A0211	Dharshanam Abhishek	36	100
3	21Q65A0212	Dumpeta Nikhil	36	100
4	21Q65A0213	Gollapelli Vignesh	36	100
5	21Q65A0214	Gudipati Bhanuprakash	36	100
6	21Q65A0215	Gundemoni Madhu	36	100
7	21Q65A0216	Gundeti Shireesha	36	100
8	21Q65A0217	Jambula Venkatesh	36	100
9	21Q65A0218	Karamthotu Vinod	36	100
10	21Q65A0219	Kothakapu Jyoshna	36	100
11	21Q65A0220	Kothi Bhanu Prakash	36	100
12	21Q65A0221	Kuchani Sai Srujan	36	100
13	21Q65A0222	Kumaram Mounika	36	100
14	21Q65A0223	Kunchala Trinath	36	100
15	21Q65A0224	Kuppi Saikumar Reddy	36	100
16	21Q65A0225	LavooriSakru	36	100
17	21Q65A0226	Lokam Shiva Krishna	36	100
18	21Q65A0227	Merugu Snehith Kumar	36	100

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 05-11-2022

COURSE REPORT

Name of the Value added course: Smart Grid

Day/Duration: 30 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Dr.T.Kranthi Kumar, Associate Professor.

Name of the Coordinator: Mr.U.Ganesh, Assistant Professor

Number of the Participants: 18

Topics covered: The following topics covered in this program

- Introduction Indian smart grid policy. Basic concept.
- Communication technologies Generic model of communication network.
- Smart meters Introduction, technology.
- IoT for power systems Internet of things for electricity infrastructure and energy.
- Application of smart grid Challenges being faced during implementation.

U.Ganesh

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HOD

& Electronics

Institute of Engineer

Gunthapally (Vill), Abdulla

Ranga Reddy Dis

Avanthi Institute of Engineering and Technology

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **D.NANDU** Bearing roll number **21Q65A0210** from the

department of **EEE** completed the value added course on **"SMART GRID"** During the year

2022-23.

Head of The Department
Electrical & Electronics Engineering
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U. Ganesh
Co-Ordinator
CO ORDINATOR
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.TRINATH** Bearing roll number **21Q65A0223** from the department of **EEE** completed the value added course on **"SMART GRID"** During the year **2022-23**.

Head of the Department
Head of The Department
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Ranga Reddy District.

U. Ganesh
Co-Ordinator
CO ORDINATOR
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2022-23/I/03   Date: 01-12-2022

CIRCULAR

This is to inform all the II B. Tech EEE students that, the Department organizing a Value Added Course on **"Design and Fabrication of Low Voltage Transformer"**. The course is scheduled to run for 06 days from 05-12-2022 to 10-12-2022.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.G.Madhukar with Asset Integrated info System

HOD

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice board

II. B. Tech EEE students

Dept. file

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Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Avanthi Institute of Engineering and Technology
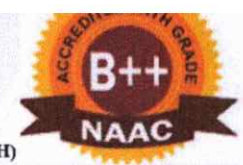
ABOUT THE COURSE

The transformer in the simplest way can be described as a thing that steps up or steps down voltage. In a step-up transformer, the output voltage is increased and in a step-down transformer, the output voltage is decreased. The step-up transformer will decrease the output current and the step-down transformer will increase the output current for keeping the input and the output power of the system equal.

COURSE OBJECTIVES

- A transformer transfers electric power from one circuit to another circuit without a change in frequency. It contains primary and secondary winding.
- The primary winding is connected to the main supply and secondary to the required circuit.

EXPECTED OUTCOMES

- Understand the working of transformer.
- Types of transformer.
- Design methodology.
- Testing, and Manufacturing technique of transformer

ADD-ON COURSE ON

"DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER"

05th DEC TO 10th DEC,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Resource Person
Mr.G.Madhukar
Subject Expert
Asset Integrated Info Systems

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Mr.D.Nageshwar Rao
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:-03rd DEC,2022

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**

ACADEMIC YEAR: 2022-23

B. TECH: II YEAR-I SEM

Course objectives:

- A transformer transfers electric power from one circuit to another circuit without a change in frequency. It contains primary and secondary winding.
- The primary winding is connected to the main supply and secondary to the required circuit.

UNIT-I: Introduction to electrical quantity, AC voltage and current, DC voltage and current, Resistance, conductance, resistivity / conductivity. Ohms Law, KVL and KCL, Power in DC and AC circuits, Concept of power factor.

UNIT-II: Introduction, Hysteresis loss, Induced EMF and Eddy Current, Turn Ratio, Transformer on Load, Equivalent Circuit. Power Handling Capacity of transformer, losses in transformer, winding utilization factor , transformer polarities and dot convention.

UNIT-III: Introduction to transformer winding machine. Identification of components for transformer design.

UNIT-IV: Introduction to design and manufacturing technique, Design of low frequency transformer, design principle of High frequency transformer, Manufacturing process of transformer.

UNIT-V: Insulated cores, different types of core materials, core shapes, iron core, ferrite core, and winding enclosure material. Insulation system used in transformer, type of insulating material.

REFERENCES BOOK:

1. Electrical Machinery – Khanna Publication – P.S.Bimbhra

D. Nageshwar Rao

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Ranga Reddy Dist, Telangana

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HOD

Head of the Department

Electrical & Electronics Engineer

anthi Institute of Engineering & Tec

unthapally (Vill), Abdullapur Met (

Ranga Reddy District

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: II YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Design and Fabrication of Low Voltage Transformer	BREAK	Design and Fabrication of Low Voltage Transformer	LUNCH	Design and Fabrication of Low Voltage Transformer	BREAK	Design and Fabrication of Low Voltage Transformer
TUE							
WED							
THU							
FRI							
SAT							

D. Nageshwar Rao

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER

ACADEMIC YEAR: 2022-23

Date: 01-12-2022

B.TECH: II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	05-12-2022	Introduction to electrical quantity, AC voltage and current, DC voltage and current	09:30 am to 04:00 pm	6hour
2	06-12-2022	Introduction, Hysteresis loss, Induced EMF and Eddy Current, Turn Ratio.	09:30 am to 04:00 pm	6 hour
3	07-12-2022	Introduction to transformer winding machine. Identification of components for transformer design.	09:30 am to 04:00 pm	6 hour
4	08-12-2022	Introduction to design and manufacturing technique.	09:30 am to 04:00 pm	6 hour
5	09-12-2022	Insulated cores, different types of core materials.	09:30 am to 04:00 pm	6 hour
6	10-12-2022	Insulation system used in transformer, type of insulating material.	09:30 am to 04:00 pm	6 hour
			Total:36 Hours	

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**

B. TECH II YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0201	Amgoth Shiva
2	21Q61A0202	Banothu Naresh
3	21Q61A0203	Banothu Rajesh
4	21Q61A0204	Boyapalli Shiva
5	21Q61A0205	Iethamraju Manikanta
6	21Q61A0206	Jammala Vijay Kumar
7	21Q61A0207	KarmankarAmbadas
8	21Q61A0208	Nimmanagoti Pavani
9	21Q61A0209	Nunavath Rahul Pramod
10	21Q61A0210	Puchakayala Upendar
11	21Q61A0211	Rachabanti Murali
12	21Q61A0212	D Sharath Chandra Goud
13	21Q61A0213	Kandula Rajnikanth
14	21Q61A0214	U Shiva
15	22Q65A0201	Gadam Sruthi
16	22Q65A0202	Nunavath Abhinesh
17	22Q65A0203	Pittala Keerthana
18	22Q65A0204	Taduri Charan Raj
19	22Q65A0205	Vislavath Naveen
20	22Q65A0206	Arigela Manoj
21	22Q65A0207	Banoth Shivaji
22	22Q65A0208	Gundu Sanjeev Kumar
23	22Q65A0209	Jarpula Mounika
24	22Q65A0210	Sai Krishna Korri
25	22Q65A0211	Sunkari Praveen

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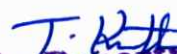Gunthapally (V), Abdullapur Met (Mdl),
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The Students of II-Year B.Tech Certificate Program Attending "Design & Fabrication Of Low Voltage Transformer" By The Resource Person "Mr.G.Madhukar" By 'Asset Integrated Info System'

D.Nageshwar Rao

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**

B. TECH II YEAR-I SEM   **A.Y 2022-2023**   **Date: 01-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	05.12.22	06.12.22	07.12.22	08.12.22	09.12.22	10.12.22
1	21Q61A0201	Amgoth Shiva	P	P	P	P	P	P
2	21Q61A0202	Banothu Naresh	P	P	P	P	P	P
3	21Q61A0203	Banothu Rajesh	P	P	P	P	P	P
4	21Q61A0204	Boyapalli Shiva	P	P	P	P	P	P
5	21Q61A0205	Iethamraju Manikanta	A	A	A	A	A	A
6	21Q61A0206	Jammala Vijay Kumar	P	P	P	P	P	P
7	21Q61A0207	KarmankarAmbadas	P	P	P	P	P	P
8	21Q61A0208	Nimmanagoti Pavani	P	P	P	P	P	P
9	21Q61A0209	Nunavath Rahul Pramod	P	P	P	P	P	P
10	21Q61A0210	Puchakayala Upendar	P	P	P	P	P	P
11	21Q61A0211	Rachabanti Murali	P	P	P	P	P	P
12	21Q61A0212	D Sharath Chandra Goud	P	P	P	P	P	P
13	21Q61A0213	Kandula Rajnikanth	P	P	P	P	P	P
14	21Q61A0214	U Shiva	P	P	P	P	P	P
15	22Q65A0201	Gadam Sruthi	P	P	P	P	P	P
16	22Q65A0202	Nunavath Abhinesh	P	P	P	P	P	P
17	22Q65A0203	Pittala Keerthana	P	P	P	P	P	P
18	22Q65A0204	Taduri Charan Raj	P	P	P	P	P	P
19	22Q65A0205	Vislavath Naveen	A	A	A	A	A	A
20	22Q65A0206	Arigela Manoj	P	P	P	P	P	P
21	22Q65A0207	Banoth Shivaji	P	P	P	P	P	P
22	22Q65A0208	Gundu Sanjeev Kumar	P	P	P	P	P	P
23	22Q65A0209	Jarpula Mounika	P	P	P	P	P	P
24	22Q65A0210	Sai Krishna Korri	P	P	P	P	P	P
25	22Q65A0211	Sunkari Praveen	P	P	P	P	P	P

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**

B. TECH II YEAR-I SEM   **A.Y 2022-2023**   **Date: 05-12-2022 to 10-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0201	Amgoth Shiva	36	100
2	21Q61A0202	Banothu Naresh	36	100
3	21Q61A0203	Banothu Rajesh	36	100
4	21Q61A0204	Boyapalli Shiva	36	100
5	21Q61A0205	Iethamraju Manikanta	0	0
6	21Q61A0206	Jammala Vijay Kumar	36	100
7	21Q61A0207	KarmankarAmbadas	36	100
8	21Q61A0208	Nimmanagoti Pavani	36	100
9	21Q61A0209	Nunavath Rahul Pramod	36	100
10	21Q61A0210	Puchakayala Upendar	36	100
11	21Q61A0211	Rachabanti Murali	36	100
12	21Q61A0212	D Sharath Chandra Goud	36	100
13	21Q61A0213	Kandula Rajnikanth	36	100
14	21Q61A0214	U Shiva	36	100
15	22Q65A0201	Gadam Sruthi	36	100
16	22Q65A0202	Nunavath Abhinesh	36	100
17	22Q65A0203	Pittala Keerthana	36	100
18	22Q65A0204	Taduri Charan Raj	36	100
19	22Q65A0205	Vislavath Naveen	0	0
20	22Q65A0206	Arigela Manoj	36	100
21	22Q65A0207	Banoth Shivaji	36	100
22	22Q65A0208	Gundu Sanjeev Kumar	36	100
23	22Q65A0209	Jarpula Mounika	36	100
24	22Q65A0210	Sai Krishna Korri	36	100
25	22Q65A0211	Sunkari Praveen	36	100

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 15-12-2022

COURSE REPORT

Name of the Value added course: Design and Fabrication of Low Voltage Transformer

Day/Duration: 36 Hours

Time: 10:00 am to 04:00 pm

Resource Person: G.Madhukar, Subject Expet, Asset Integrated info System.

Name of the Coordinator: Mr.D.Nageshwar Rao, Assistant Professor

Number of the Participants: 23

Topics covered: The following topics covered in this program

- Introduction to electrical quantity, AC voltage and current, DC voltage and current.
- Introduction, Hysteresis loss, Induced EMF and Eddy Current, Turn Ratio.
- Introduction to transformer winding machine. Identification of components for transformer design.
- Introduction to design and manufacturing technique.
- Application of smart grid Challenges being faced during implementation.

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Head of the Department

Electrical & Electronics Enginee...
Avanthi Institute of Engineering & Te.hnolo...
Gunthapally (Vill), Abdullapur Met (Md').
Ranga Reddy District.

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **A.SHIVA** Bearing Roll.No **21Q61A0201**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from Avanthi Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**" Organized by 'ASSET INTIGRATED INFO SYSTEMS ' During dates **05/12/2022** to **10/12/2022**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

D. Nageshwarkao
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

ASSET INTIGRATED INFO SYSTEMS

#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080, Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy Dist.

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **S.PRAVEEN** Bearing Roll.No **22Q65A0211**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from Avanthi Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in **"DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **05/12/2022** to **10/12/2022**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

CO ORDINATOR Rao
D. Nageshwar
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2022-23/I/04   Date: 28-12-2022

CIRCULAR

This is to inform all the II B. Tech & II.M.Tech EEE students that, the Department organizing a Value Added Course on **"Hybrid Micro Grids"**. Department Advisory Committee has been identified.**Mr.S.Srikanth, Assistant Professor, Department of EEE** As a resource person for this course. The course is scheduled to run for 06 days from 02-01-2023 to 07-01-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Brilliant Institute Engineering & Technology

HOD

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (M)
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice board

II B. Tech & II.M.Tech EEE students

Dept. file

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Gunthapally (V)

Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

Course Description for Microgrid Certification Training. All participants will understand the basics of microgrid operation and should be able to understand the solar photovoltaic panels, wind farms, and battery energy storage systems. You will also learn: Transformers in microgrids.

COURSE OBJECTIVES

- A transformer transfers electric power from one circuit to another circuit without a change in frequency. It contains primary and secondary winding.
- The primary winding is connected to the main supply and secondary to the required circuit.

EXPECTED OUTCOMES

- Understand the concepts of micro grids, and networked micro grids
- Model PV power systems and standard grid-tied inverter
- Analyze distribution grid power flow
- Understand centralized control and distributed control in micro grids, especially primary, secondary and tertiary control
- Conduct power flow analysis for droop-control-based micro grids and networked micro grids.
- Use RTDS for real-time simulation of micro grids
- Understand fault ride-through and active fault management for micro grids
- Understand basics of cyber security in micro grids and active defense strategy.

Resource Person
Dr.S.Srikanth
Assistant Professor
Department of EEE,BRIET

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Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.. Dist

Co-ordinator
Mr.M.Shankar
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:-31st DEC,2022

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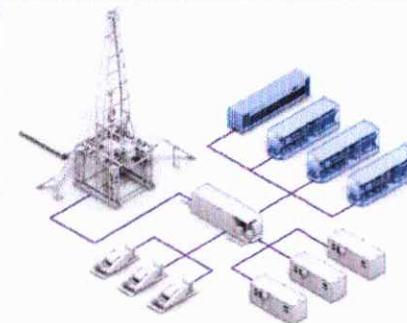
ADD-ON COURSE ON

"HYBRID MICROGRIDS"

02nd JAN TO 07th JAN,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE NAME: HYBRID MICROGRIDS
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-23

II B. TECH & II.M.TECH-I SEM

Course objectives:
- Imparting the concepts of micro grid and key challenges and issues.
- To study the role of a renewable energy system in the future hybrid micro grid.
- To share the advanced techniques for analysis and operation of the hybrid micro grid.
- To identify the thrust of research and innovation in the micro grid systems and energy management

Course outcomes:
- Understand the concepts of micro grids, and networked micro grids
- Model PV power systems and standard grid-tied inverter
- Analyze distribution grid power flow
- Understand centralized control and distributed control in micro grids, especially primary, secondary and tertiary control
- Conduct power flow analysis for droop-control-based micro grids and networked micro grids.
- Use RTDS for real-time simulation of micro grids
- Understand fault ride-through and active fault management for micro grids
- Understand basics of cyber security in micro grids and active defense strategy.

UNIT-I: Introduction to Power systems resilience, the concept of micro grids

UNIT-II: Micro grid Modeling and Analysis Distributed energy resources (DERs) modeling I: PV system, MPPT, and grid-tied interface – Distributed energy resources modeling II: Micro turbine, energy storage and other DERs – Micro grid inverter structures – Distribution power flow – Stability modeling and computation

UNIT-III: Micro grid Control Centralized control Hierarchical principle: Primary, secondary and tertiary control – Distributed control Enhanced Micro grid Power Flow Micro grid power flow – Networked micro grid power flow.

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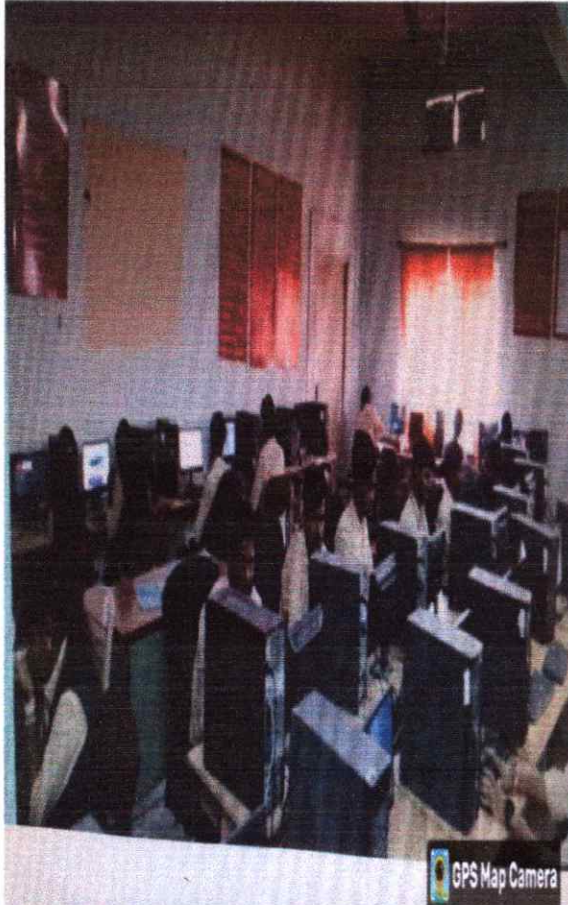Avanthi Institute of Engineering and Technology

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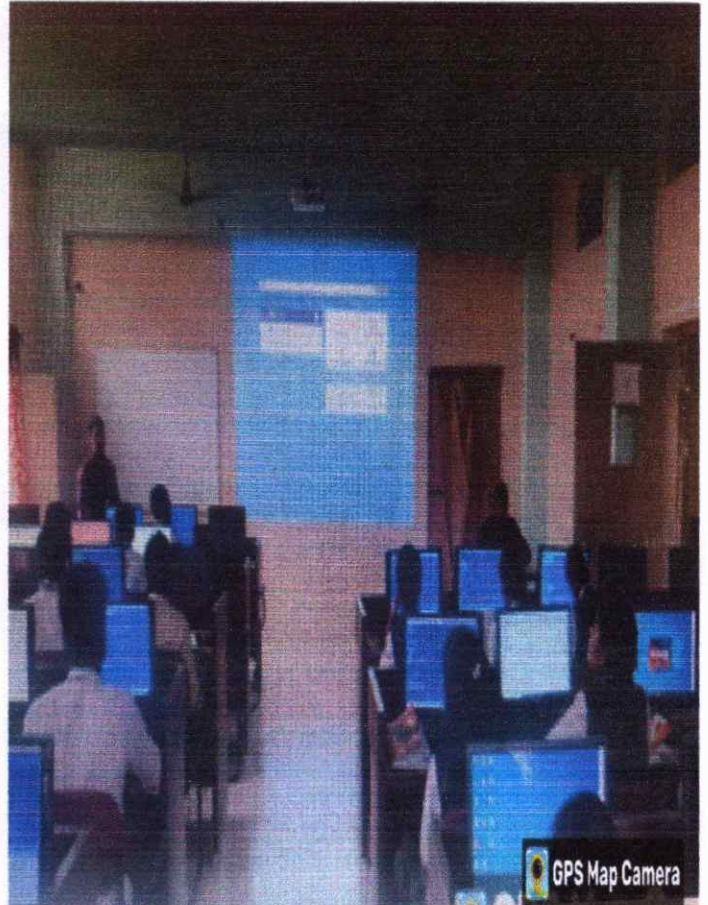Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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UNIT-IV: Resilient Micro grids through Software Defined Networking SDN-enabled control and communication architecture – Distributed regulation of networked micro grids – Hardware-in-the-loop tested Formal Analysis of Networked Micro grids Dynamics Formal analysis of micro grid dynamics – Stability margin analysis on networked micro grids

UNIT-V: Active Fault Management for Networked Micro grids Fault ride through – Multi-functional Active Fault Management (AFM) Cyber Security in Micro grids Introduction to cyber attacks – Active detection of cyber attacks DC Micro grids Overview of DC micro grids – Stability of DC micro grids Future Perspectives

REFERENCE BOOK:

1. P. Zhang, Networked Microgrids. Cambridge University Press, 2020.

M. Shankar

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HOD

Head of the Department

Electrical & Electronics Engineer:

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: II YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Hybrid Micro Grids	BREAK	Hybrid Micro Grids	LUNCH	Hybrid Micro Grids	BREAK	Hybrid Micro Grids
TUE							
WED							
THU							
FRI							
SAT							

M. Shankar

CO ORDINATOR

HOD

Head of the Department

PRINCIPAL

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: HYBRID MICROGRIDS

ACADEMIC YEAR: 2022-23

Date: 28-12-2022

II B. TECH & II.M.TECH-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	02-01-2023	Introduction to Power systems resilience, the concept of micro grids.	10:00 am to 04:00 pm	5 Hours
2	03-01-2023	Micro grid Modeling and Analysis Distributed energy resources.	10:00 am to 04:00 pm	5 Hours
3	04-01-2023	Primary, secondary and tertiary control – Distributed control Enhanced Micro grid.	10:00 am to 04:00 pm	5 Hours
4	05-01-2023	Enabled control and communication architecture – Distributed regulation of networked micro grids.	10:00 am to 04:00 pm	5 Hours
5	06-01-2023	Active Fault Management for Networked Micro grids Fault ride through.	10:00 am to 04:00 pm	5 Hours
6	07-01-2023	DC Micro grids Overview of DC micro grids – Stability of DC micro grids Future Perspectives.	10:00 am to 04:00 pm	5 Hours
			Total:30 Hours	

M. Shankar

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Ranga Reddy Dist, Telangana.

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Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

T. R H
HQD
Head of the Department
Electrical & Electronics Engineer
ent Institute of Engineering & Techno
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Ranga Reddy District.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: HYBRID MICROGRIDS

II B. TECH & II.M.TECH-I SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q65A0212	Thotteti Devender
2	22Q65A0213	Vavilala Mahesh
3	22Q65A0214	Muchika Chaitanya Rani
4	21Q61D0701	Baswanth Halle
5	21Q61D0702	Bojja Swetha
6	21Q61D0703	Cp Vanaja
7	21Q61D0704	Dharavath Suresh
8	21Q61D0705	Dusamudi Maneesh
9	21Q61D0706	Enagandula Sai Teja
10	21Q61D0707	Gandla Sowmya
11	21Q61D0708	J Suprajoshna
12	21Q61D0709	Jillapally Ajay Kumar
13	21Q61D0710	Jogu Gowthami
14	21Q61D0711	Kotagiri Nagaraju
15	21Q61D0712	Kothapally Sushma
16	21Q61D0713	NappariPoojarani
17	21Q61D0714	Rachuri Ramesh
18	21Q61D0715	Sheelam Sridhar
19	21Q61D0716	Tejavath Saikumar
20	21Q61D0717	Vangapelli Prashanth
21	21Q61D0718	Boda Haripriya
22	21Q61D0719	Chikatla Sai Prasanna
23	21Q61D0720	Dayyala Lenina
24	21Q61D0721	Dongra Sai Madhav
25	21Q61D0722	Ravi Ettimalla
26	21Q61D0723	Sajjanapu Rajani

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The students of II-Year B.Tech certificate Program attending "Hybrid Micro Grids" by the resource person "Mr.S.Srikanth, Assistant Professor".

M.Shankar

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: HYBRID MICROGRIDS

II B. TECH & II.M.TECH-I SEM   A.Y 2022-2023   Date: 28-12-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	02.01.23	03.01.23	04.01.23	05.01.23	06.01.23.	07.01.23
1	22Q65A0212	Thotteti Devender	P	P	P	P	P	P
2	22Q65A0213	Vavilala Mahesh	P	P	P	P	P	P
3	22Q65A0214	Muchika Chaitanya Rani	P	P	P	P	P	P
4	21Q61D0701	Baswanth Halle	P	P	P	P	P	P
5	21Q61D0702	Bojja Swetha	P	P	P	P	P	P
6	21Q61D0703	Cp Vanaja	P	P	P	P	P	P
7	21Q61D0704	Dharavath Suresh	P	P	P	P	P	P
8	21Q61D0705	Dusamudi Maneesh	P	P	P	P	P	P
9	21Q61D0706	Enagandula Sai Teja	P	P	P	P	P	P
10	21Q61D0707	Gandla Sowmya	P	P	P	P	P	P
11	21Q61D0708	J Suprajoshna	P	P	P	P	P	P
12	21Q61D0709	Jillapally Ajay Kumar	P	P	P	P	P	P
13	21Q61D0710	Jogu Gowthami	P	P	P	P	P	P
14	21Q61D0711	Kotagiri Nagaraju	P	P	P	P	P	P
15	21Q61D0712	Kothapally Sushma	P	P	P	P	P	P
16	21Q61D0713	NappariPoojarani	P	P	P	P	P	P
17	21Q61D0714	Rachuri Ramesh	P	P	P	P	P	P
18	21Q61D0715	Sheelam Sridhar	A	A	A	A	A	A
19	21Q61D0716	Tejavath Saikumar	P	P	P	P	P	P
20	21Q61D0717	Vangapelli Prashanth	P	P	P	P	P	P
21	21Q61D0718	Boda Haripriya	P	P	P	P	P	P
22	21Q61D0719	Chikatla Sai Prasanna	P	P	P	P	P	P
23	21Q61D0720	Dayyala Lenina	P	P	P	P	P	P
24	21Q61D0721	Dongra Sai Madhav	P	P	P	P	P	P
25	21Q61D0722	Ravi Ettimalla	P	P	P	P	P	P
26	21Q61D0723	Sajjanapu Rajani	P	P	P	P	P	P

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **HYBRID MICROGRIDS**

II B. TECH & II.M.TECH-I SEM A.Y 2022-2023 Date: 02-01-2023 to 07-01-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q65A0212	Thotteti Devender	30	100
2	22Q65A0213	Vavilala Mahesh	30	100
3	22Q65A0214	Muchika Chaitanya Rani	30	100
4	21Q61D0701	Baswanth Halle	30	100
5	21Q61D0702	Bojja Swetha	30	100
6	21Q61D0703	Cp Vanaja	30	100
7	21Q61D0704	Dharavath Suresh	30	100
8	21Q61D0705	Dusamudi Maneesh	30	100
9	21Q61D0706	Enagandula Sai Teja	30	100
10	21Q61D0707	Gandla Sowmya	30	100
11	21Q61D0708	J Suprajoshna	30	100
12	21Q61D0709	Jillapally Ajay Kumar	30	100
13	21Q61D0710	Jogu Gowthami	30	100
14	21Q61D0711	Kotagiri Nagaraju	30	100
15	21Q61D0712	Kothapally Sushma	30	100
16	21Q61D0713	NappariPoojarani	30	100
17	21Q61D0714	Rachuri Ramesh	30	100
18	21Q61D0715	Sheelam Sridhar	0	0
19	21Q61D0716	Tejavath Saikumar	30	100
20	21Q61D0717	Vangapelli Prashanth	30	100
21	21Q61D0718	Boda Haripriya	30	100
22	21Q61D0719	Chikatla Sai Prasanna	30	100
23	21Q61D0720	Dayyala Lenina	30	100
24	21Q61D0721	Dongra Sai Madhav	30	100
25	21Q61D0722	Ravi Ettimalla	30	100
26	21Q61D0723	Sajjanapu Rajani	30	100

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 17-01-2023

COURSE REPORT

Name of the Value added course: Hybrid Micro Grids

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.S.Srikanth, Assistant Professor,BRIET

Name of the Coordinator: Mr.M.Shankar, Assistant Professor

Number of the Participants: 25

Topics covered: The following topics covered in this program

- Introduction to Power systems resilience.
- Micro grid Modeling and Analysis Distributed energy resources.
- Micro grid Control Centralized control Hierarchical principle
- Resilient Micro grids through Software Defined Networking.
- Active Fault Management for Networked Micro grids.

M.Shankar

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Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.SWETHA** Bearing roll number **21Q61D0702** from

the department of **EEE** completed the value added course on **"HYBRID MICROGRIDS"**

During the year **2022-23**.

Head of the Department
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Head of The Department

M.Shankar

Co-Ordinator

CO ORDINATOR
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PRINCIPAL

Principal

Avanthi Institute of Engg. & Tech
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.MAHESH** Bearing roll number **22Q65A0213** from the

department of **EEE** completed the value added course on **"HYBRID MICROGRIDS"**

During the year **2022-23**.

Head of the Department

Head of The Department

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Ranga Reddy District.

M.Shankar

Co-Ordinator

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Principal

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2022-23/II/01   **Date: 20-02-2023**

CIRCULAR

This is to inform all the III.B.Tech EEE students that, the Department organizing a Value Added Course on "**Electrical vehicle (2W) Technology**". Department Advisory Committee has been identified. **Mr.K.Chandrashekar, Assistant Professor**, **Department of EEE** As a resource person for this course. The course is scheduled to run for 06 days from 27-02-2023 to 04-03-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

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Avanthi Institute of Engineering & Technology
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Copy to:

The principal, for kind information

IQAC

Notice board

III B. Tech EEE students

Dept. file

Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

A shift towards electric mobility is essential for India considering high amount of petroleum imports, its adverse impact on the trade balance, valuable foreign exchange and environment. Since, two-wheelers dominate the Indian road transport sector this segment deserves an immediate attention. The electric two-wheeler technology has now matured to a significant level and a number of manufacturers have come out in the market with saleable products.

COURSE OBJECTIVES

The transition to electric mobility is a promising global strategy for decarbonizing the transport sector. The primary objective of this course is a beginner level course designed to introduce students to Electric Vehicles (EV) and give them a brief idea about EVs, and its importance. This course gives some basic technical foundations regarding EVsin-order to help them move on to EV technology applications.

EXPECTED OUTCOMES

Understand the growth and need of the EV technology.

- Get introduced to electric vehicles, understand how EVs are different from IC engine vehicles and identify various parts of an EV.
- Can have the practical exposure of assembling and dissembling charger units in EVs.
- Understand the overview of the technological and regulatory frame works and governance structures needed in EV technology for charging stations.

Resource Person	Co-ordinator
Mr.K.Chandrashekar	Miss.Ragini
Assistant Professor	Assistant Professor
Department of EEE	Department of EEE

LAST DATE FOR REGISTRATION:-25th FEB,2023

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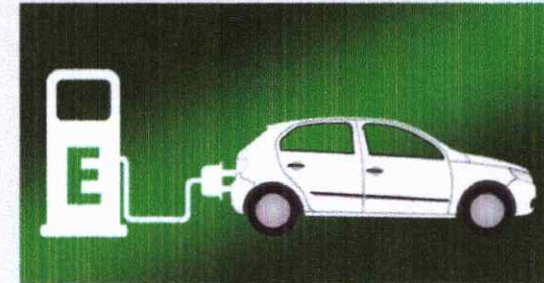
ADD-ON COURSE ON

"ELECTRICAL VEHICAL(2W) TECHNOLOGY"

27th FEB TO 04th MAR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL VEHICLE (2W) TECHNOLOGY**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. TECH: III YEAR-II SEM

Course objectives:

- The transition to electric mobility is a promising global strategy for decarburizing the transport sector. The primary objective of this course is a beginner level course designed to introduce students to Electric Vehicles (EV) and give them a brief idea about EVs, and its importance.
- This course gives some basic technical foundations regarding EVsin-order to help them move on to EV technology applications.

Course outcomes:

- Understand the growth and need of the EV technology.
- Get introduced to electric vehicles, understand how EVs are different from IC engine vehicles and identify various parts of an EV.
- Can have the practical exposure of assembling and dissembling charger units in EVs.
- Understand the overview of the technological and regulatory frame works and governance structures needed in EV technology for charging stations.

Topics covered:

- A brief history of Electric and Hybrid vehicles.
- Basic architecture of hybrid drive trains and analysis of series drive trains.
- Vehicle motion and the dynamic equations for the vehicle, types of EVs, advantages over conventional vehicles
- Limitations of EV and HV, impact on environment of EV and HV technology
- Disposal of battery, cell and hazardous material and their impact on environment
- Types of Electric Vehicles EV Architecture, Battery electric Vehicles,IC engine/Electric Hybrid Vehicle.
- Assembling and dissembling of charger units in EVs (practical session).
- Fueled EVs, EVs using Supply Lines, EVs which use Flywheels or Super capacitors, Solar-Powered Vehicles.

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- Vehicle Using Linear Motors, EVs for the future, Power and Energy Management Strategies and it general architecture of EV and HV.
- Various battery sources, battery –based energy storage and simplified models of battery.
- Super Capacitors based energy storage, it analysis and simplified models, fly wheels and their modeling for energy storage in HV/BEV.
- Overview of technology and regulatory frameworks and governance structures needed in EV technology for charging stations.

REFERENCE BOOKS:

1. Mi Chris and M.Abdul Masrur Hybrid electric vehicles: principles and applications with practical perspectives. John Wily & Sons 2017.
2. James Larminie John Lowry "Electrical Vehicle Technology", Wily Publications 2003

Ragini

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PRINCIPAL Head of the **HOD**
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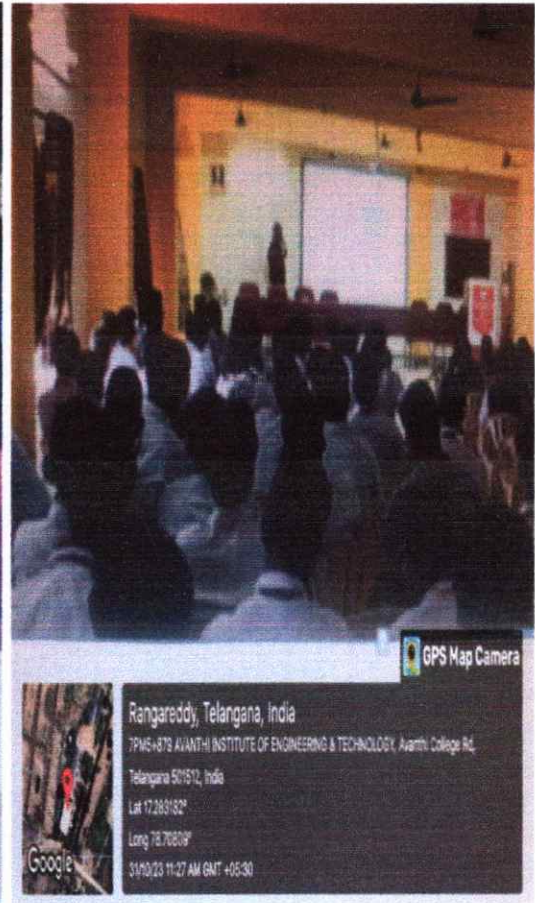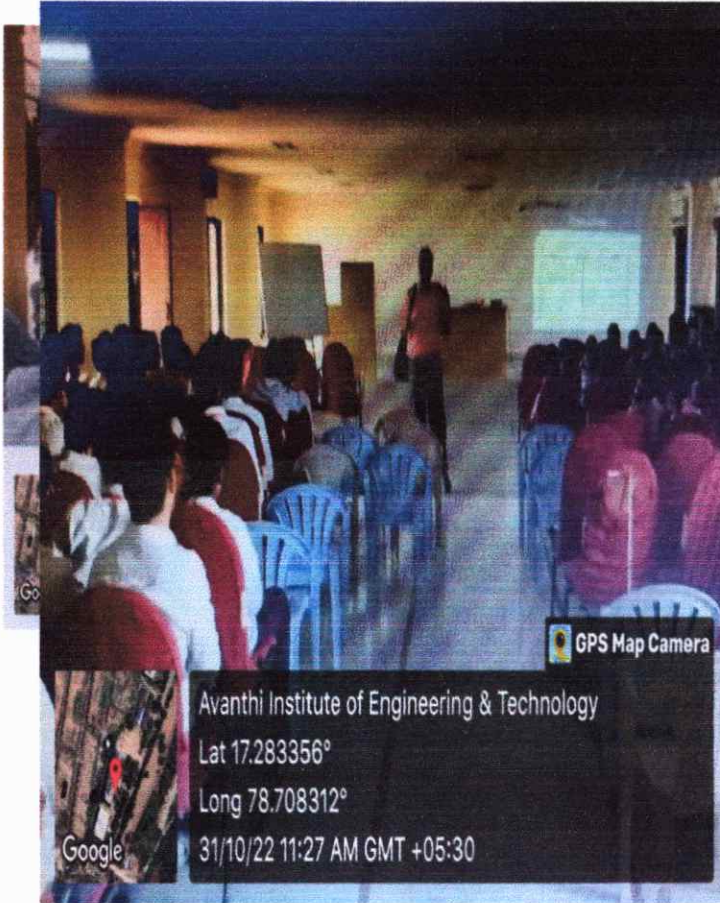Gunthapally (V), Abdullapurmet (Man) R R Dist. of Engineering & Tech...

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: III YEAR-II SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Electrical vehicle (2W) Technology	BREAK	Electrical vehicle (2W) Technology	LUNCH	Electrical vehicle (2W) Technology	BREAK	Electrical vehicle (2W) Technology
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: ELECTRICAL VEHICLE (2W) TECHNOLOGY

ACADEMIC YEAR: 2022-23   **Date: 20-02-2023**

B.TECH: III YEAR-II SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	27-02-2023	Basic architecture of hybrid drive trains and analysis of series drive trains.	10:00 am to 04:00 pm	5 hour
2	28-02-2023	Vehicle motion and the dynamic equations for the vehicle, types of EVs, advantages over conventional vehicle.	10:00 am to 04:00 pm	5 hour
3	01-03-2023	Assembling and dissembling of charger units in EVs .	10:00 am to 04:00 pm	5 hour
4	02-03-2023	Various battery sources, battery – based energy storage and simplified models of battery.	10:00 am to 04:00 pm	5 hour
5	03-03-2023	Super Capacitors based energy storage, it analysis and simplified models, fly wheels and their modeling for energy storage in HV/BEV.	10:00 am to 04:00 pm	5 hour
6	04-03-2023	Frameworks and governance structures needed in EV technology for charging stations.	10:00 am to 04:00 pm	5 hour
			Total:30 Hours	

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Gunthapally Ranga Reddy District.

Head of the Departm
Electrical & Electronics Eng
HOD

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL VEHICLE (2W) TECHNOLOGY**

B. TECH III YEAR-II SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	21Q65A0228	Mudavath Subhash
2	21Q65A0229	Mula Sri Chandana
3	21Q65A0230	Parsa Vinay
4	21Q65A0231	Pebbeate Srinivas
5	21Q65A0232	Pendem Bharadwaj
6	21Q65A0233	Pocham Naveenkumar
7	21Q65A0234	Pochampally Vinay
8	21Q65A0235	Pujari Bhaskar
9	21Q65A0236	Pullolla Rajesh
10	21Q65A0237	Radaram Thanmay Kumar
11	21Q65A0238	Raghuram Nitheesh Kumar
12	21Q65A0239	Ramavath Sandhya
13	21Q65A0240	S Sunil
14	21Q65A0241	Shaik Afroz
15	21Q65A0242	Silapally Sridhar
16	21Q65A0243	Thatikonda Gnaneshwar
17	21Q65A0244	Vangala Saiprasad
18	21Q65A0245	Tummala Nagesh

Ragini

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Ranga Reddy Dist, Telangana.

PRINCIPAL
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(V), Abdullapurmet (M)

HOD
Head of the Department
Electrical & Electronics Enginee
Institute of Engineering &
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Range Reddy District

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The Students of III Year B.Tech Certificate program attending "Electrical Vehicle Technology "by Resource person "Mr.K.ChandraSekhar, Assistant Professor"

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME:**ELECTRICAL VEHICLE (2W) TECHNOLOGY**

B. TECH III YEAR-II SEM   **A.Y 2022-2023**   **Date: 20-02-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	27.02.23	28.02.23	01.03.23	02.03.23	03.03.23	04.03.23
1	21Q65A0228	Mudavath Subhash	P	P	P	P	P	P
2	21Q65A0229	Mula Sri Chandana	P	P	P	P	P	P
3	21Q65A0230	Parsa Vinay	P	P	P	P	P	P
4	21Q65A0231	Pebbeate Srinivas	P	P	P	P	P	P
5	21Q65A0232	Pendem Bharadwaj	P	P	P	P	P	P
6	21Q65A0233	Pocham Naveenkumar	P	P	P	P	P	P
7	21Q65A0234	Pochampally Vinay	P	P	P	P	P	P
8	21Q65A0235	Pujari Bhaskar	P	P	P	P	P	P
9	21Q65A0236	Pullolla Rajesh	P	P	P	P	P	P
10	21Q65A0237	Radaram Thanmay Kumar	P	P	P	P	P	P
11	21Q65A0238	Raghuram Nitheesh Kumar Reddy	P	P	P	P	P	P
12	21Q65A0239	Ramavath Sandhya	P	P	P	P	P	P
13	21Q65A0240	S Sunil	P	P	P	P	P	P
14	21Q65A0241	Shaik Afroz	P	P	P	P	P	P
15	21Q65A0242	Silapally Sridhar	P	P	P	P	P	P
16	21Q65A0243	Thatikonda Gnaneshwar	P	P	P	P	P	P
17	21Q65A0244	Vangala Saiprasad	P	P	P	P	P	P
18	21Q65A0245	Tummala Nagesh	P	P	P	P	P	P

Ragini

CO ORDINATOR

PRINCIPAL
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Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

Head of the **HOD**Department

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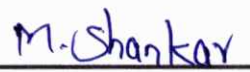## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL VEHICLE (2W) TECHNOLOGY**

B. TECH III YEAR-II SEM   **A.Y 2022-2023**   **Date: 27-02-2023 to 04-03-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0228	Mudavath Subhash	30	100
2	21Q65A0229	Mula Sri Chandana	36	100
3	21Q65A0230	Parsa Vinay	36	100
4	21Q65A0231	Pebbeate Srinivas	36	100
5	21Q65A0232	Pendem Bharadwaj	36	100
6	21Q65A0233	Pocham Naveenkumar	36	100
7	21Q65A0234	Pochampally Vinay	36	100
8	21Q65A0235	Pujari Bhaskar	36	100
9	21Q65A0236	Pullolla Rajesh	36	100
10	21Q65A0237	Radaram Thanmay Kumar	36	100
11	21Q65A0238	Raghuram Nitheesh Kumar	36	100
12	21Q65A0239	Ramavath Sandhya	36	100
13	21Q65A0240	S Sunil	36	100
14	21Q65A0241	Shaik Afroz	36	100
15	21Q65A0242	Silapally Sridhar	36	100
16	21Q65A0243	Thatikonda Gnaneshwar	36	100
17	21Q65A0244	Vangala Saiprasad	36	100
18	21Q65A0245	Tummala Nagesh	36	100

Ragini

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unthapally (V), Abdullapur Met (Mdl),

Ranga Reddy Dist, Telangana.

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Head of the Department

Electrical & Electronics

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Gunthapally (Vill), Abdullapu

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 10-03-2023

COURSE REPORT

Name of the Value added course: Electrical Vehicle (2w) Technology

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.K.Chandrashekar, Assistant Professor

Name of the Coordinator: Miss.M.Ragini, Assistant Professor

Number of the Participants: 18

Topics covered: The following topics covered in this program

- A brief history of Electric and Hybrid vehicles.
- Types of Electric Vehicles EV Architecture.
- Assembling and dissembling of charger units in EVs
- Various battery sources, battery –based energy storage and simplified models of battery.
- Super Capacitors based energy storage.

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Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **T.NAGESH** Bearing roll number **21Q65A0245** from the department of **EEE** completed the value added course on **"ELECTRICAL VEHICLE(2W) TECHNOLOGY"** During the year **2022-23**.

Head of The Department

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Ranga Reddy District.

Ragini

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CO ORDINATOR
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PRINCIPAL

Principal
Avanthi Institute of Engg.
Gunthapally (V), Abdullapurmet (Mdl), R

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.VINAY** Bearing roll number **21Q65A0230** from the

department of **EEE** completed the value added course on **"ELECTRICAL VEHICLE(2W)**

TECHNOLOGY" During the year **2022-23**.

Head of The Department
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Ranga Reddy District.

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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2022-23/I/01   Date: 14-10-2022

CIRCULAR

This is to inform all the III B. Tech Mech students that, the Department organizing a Value added course on **"Solid works "**. Department Advisory Committee has been identified **Dr.Y Ramesh Babu Assistant Professor, Department of Mech** as a resource person for this course. This course is scheduled for 06 days which will take place from 17-10-2022 to 22-10-2022. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

Head of the Department HOD

Mechanical Engineering

Avanthi Institute of Engineering & Technology

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Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

III B. Tech students

Dept. file

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Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

SolidWorks is a 3D modeling, parametric application software. It improves visualization, collaboration, and innovation, besides improving efficiencies in every downstream function of the product development process. It has both parametric and direct modelling capabilities. SolidWorks is known for its user-friendly GUI with quick-to-understand features that come in handy for design development.

COURSE OBJECTIVES

- Students will be able think through the design process and apply knowledge of current technology software and manufacturing machines.
- To produce their finished designs in a safe and ethical manner

EXPECTED OUTCOMES

- Basic concepts, laws and principles of thermodynamics to use and select equipment's/devices/machines working on these basics.
- Outline various Thermodynamic processes and analyse them with respect to various parameters.
- Comparison of Thermodynamic cycles based on different parameters.
- observing changes in thermodynamic properties during each stroke of ICEs
- Identify the elements of gas turbines and processes of Jet propulsion system

Resource Person
Dr.Y.Ramesh Babu
Assistant Professor
Department of MECH

Co-ordinator
Mr.K.Sumanth
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:15th OCT,2022

ADD-ON COURSE ON

"SOLID WORKS"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 30HRS

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ORGANIZED BY :

DEPARTMENT OF MECHANICAL ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **SOLID WORKS**

VALUE ADDED COURSE SYLLABUS

B.TECH III YEAR-I SEM ACADEMIC YEAR: 2022-23

Course objectives:

- Understand the underlying concepts of 3d modeling.
- Create basic to intermediate solid models using Solid works software.
- Compose an assembly of multiple parts.
- Detail out blueprints based on solid models or assemblies.

Course outcomes:

- Effectively communicate technical ideas and problem-solving decisions with others.
- Demonstrate knowledge, techniques, skills, and use of the appropriate tool in mechanical design applications.
- Apply math, science, and engineering technology principles to solve problems in mechanical design.
- Use creativity in the design of mechanical components and systems.
- Recognize problems in mechanical design applications and develop appropriate solutions.

UNIT-I: Solid Works Graphical User Interface - Feature manager design tree, Callouts, Handles, Confirmation corner, mouse buttons, keyboard shortcuts, Command Manager, Hardware and Software requirements.

UNIT-II.: Sketch Entities – Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots, Polygon, Ellipse, Partial Ellipse, Spline, Points, Text, Construction geometry, Session 3 Sketch Tools - Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Mirror, Dynamic Mirror, Move, Copy, Rotate, Scale, Stretch, Sketch pattern, Close Sketch To Model, Sketch picture.

UNIT-III: Relations - Adding Sketch Relation, Automatic relations, Dimensioning - Smart, Horizontal, Vertical, Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate, Fully define sketch. Part Modeling Tools Creating reference planes

UNIT-IV: Introduction to Assembly Modeling & Approaches – Top down and Bottom up approach Applying Standard Mates- Coincident, Parallel, Perpendicular, Tangent, Concentric,

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Lock, Distance, and Angle. Applying Advanced Mates – Symmetric, Width, Path Mate, Linear/Linear Coupler, Limit Mate.

UNIT-V: Applying Mechanical Mates – Cam, Hinge, Gear, Rack Pinion, Screw, Universal Joint. Manipulating Components - Replacing Components, Rotating Components, Move Components, Collision Detection, Physical Dynamics, Dynamic Clearance, Detecting Interference.

TEXT BOOKS:

1. Heat Engines Pandya and Shah Charotar Publishing House

2. Thermodynamics and Heat power Engg. Mathur and Mehta Tata Mcgraw- Hill

3 A Text book of Thermal Engineering R S Khurmi& J K Gupta S Chand

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HOD
Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District,

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: III YEAR – I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works
TUE	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works
WED	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works
THU	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works
FRI	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works
SAT	Solid works	BREAK	Solid works	LUNCH	Solid works	BREAK	Solid works

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: SOLID WORKS

ACADEMIC YEAR: 2022-23　　　　　　　　　　　　　**Date: 14.10.2022**

B.TECH. III YEAR-I SEM　　　　　　　　　　　　　**DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
17-10-2022	Solid Works Graphical User Interface - Feature manager design tree, Callouts.	10:00 am to 04:00 pm	5 hours
18-10-2022	Ellipse, Rectangle, Slots, Polygon, Ellipse, Partial Ellipse.	10:00 am to 04:00 pm	5 hours
19-10-2022	Ordinate, Horizontal ordinate, Vertical ordinate, Align ordinate.	10:00 am to 04:00 pm	5 hours
20-10-2022	Top down and Bottom-up approach Applying Standard Mates- Coincident.	10:00 am to 04:00 pm	5 hours
21-10-2022	Distance and Angle. Applying Advanced Mates – Symmetric.	10:00 am to 04:00 pm	5 hours
22-10-2022	Universal Joint. Manipulating Components - Replacing Components.	10:00 am to 04:00 pm	5 hours
		Total – 30 hours	

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Ranga Reddy Dist, Telangana.

Head of the Department

HOD

Mechanical Engineering

Avanthi Institute of Engineering & Technolog

Gunthapally (Vill), Abdullapur Met (Mdl)

PRINCIPAL　Ranga Reddy District.

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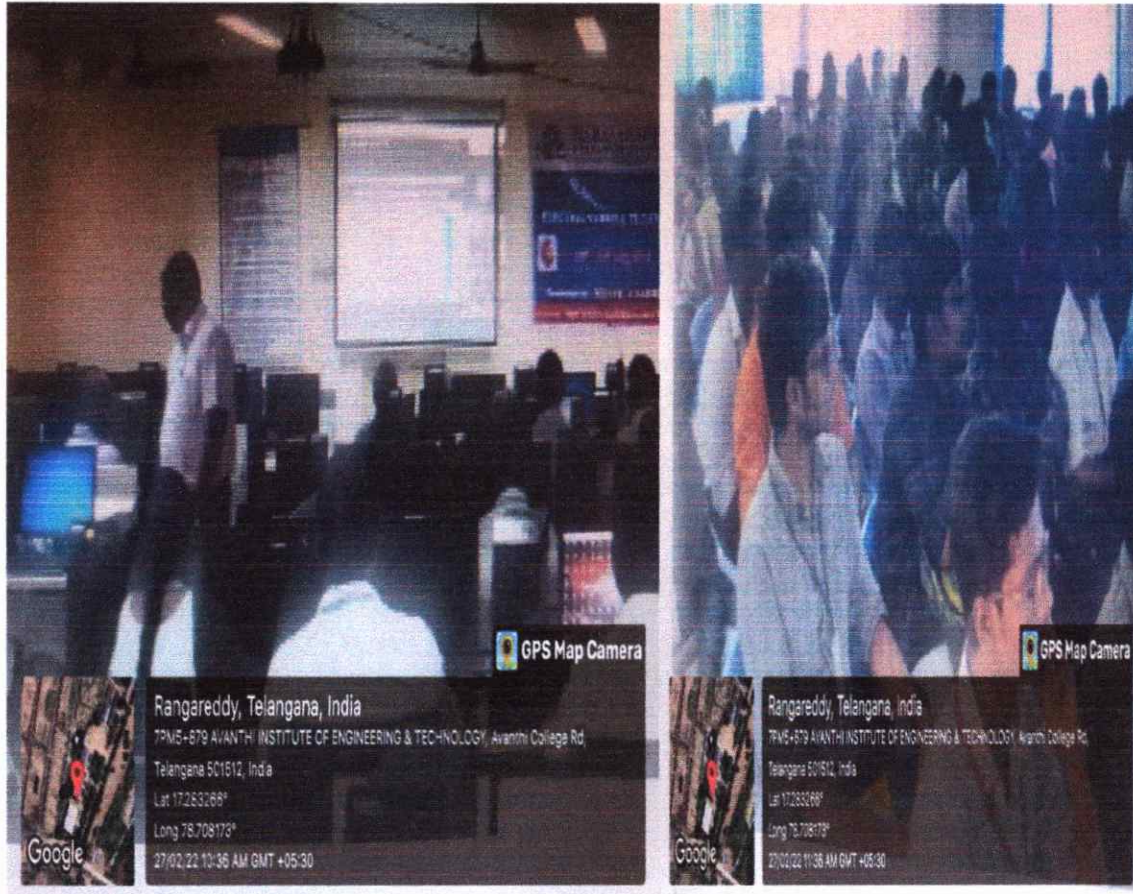Avanthi Institute of Engineering and Technology

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DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE NAME: SOLID WORKS

B.TECH III YEAR-I SEM　　　**ENROLLED STUDENTS LIST**　　A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	20Q61A0301	Erra Poulu
2	20Q61A0302	Mamidala Amarnadh
3	20Q61A0303	Sherpalli Shivaji
4	20Q61A0304	Paka Shiva Sai
5	20Q61A0305	Thundla Sathwik
6	21Q65A0301	M Praveen Kumar
7	21Q65A0302	M Shiva
8	21Q65A0303	Pansarya Siddhu Kalyan
9	21Q65A0304	Seetha Sindhu
10	21Q65A0305	Shaik Imame Muzammil
11	21Q65A0306	Abbanoni Sandeep
12	21Q65A0307	Atmuri Rahul
13	21Q65A0308	Banoth Swetha
14	21Q65A0309	Bhupathi Mahesh
15	21Q65A0310	Boda Narsi Reddy
16	21Q65A0311	Bodida Shivakumar

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Head of the Department　HOD
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The Students of III-Year B.Tech certificate program attending "Solid Works" by the resource person "Dr.Y Ramesh Babu Assistant Professor".

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME:SOLID WORKS

B.TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date:14-10-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	17.10.22	18.10.22	19.10.22	20.10.22	21.10.22	22.10.22
1	20Q61A0301	Erra Poulu	P	P	P	P	P	P
2	20Q61A0302	Mamidala Amarnadh	P	P	P	P	P	P
3	20Q61A0303	Sherpalli Shivaji	P	P	P	P	P	P
4	20Q61A0304	Paka Shiva Sai	P	P	P	P	P	P
5	20Q61A0305	Thundla Sathwik	P	P	P	P	P	P
6	21Q65A0301	M Praveen Kumar	P	P	P	P	P	P
7	21Q65A0302	M Shiva	P	P	P	P	P	P
8	21Q65A0303	Pansarya Siddhu Kalyan	P	P	P	P	P	P
9	21Q65A0304	Seetha Sindhu	P	P	P	P	P	P
10	21Q65A0305	Shaik Imame Muzammil	P	P	P	P	P	P
11	21Q65A0306	Abbanoni Sandeep	P	P	P	P	P	P
12	21Q65A0307	Atmuri Rahul	P	P	P	P	P	P
13	21Q65A0308	Banoth Swetha	P	P	P	P	P	P
14	21Q65A0309	Bhupathi Mahesh	P	P	P	P	P	P
15	21Q65A0310	Boda Narsi Reddy	P	P	P	P	P	P
16	21Q65A0311	Bodida Shivakumar	P	P	P	P	P	P

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **SOLID WORKS**

B.TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 17-10-2022 to 22-10-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0301	Erra Poulu	30	100
2	20Q61A0302	Mamidala Amarnadh	30	100
3	20Q61A0303	Sherpalli Shivaji	30	100
4	20Q61A0304	Paka Shiva Sai	30	100
5	20Q61A0305	Thundla Sathwik	30	100
6	21Q65A0301	M Praveen Kumar	30	100
7	21Q65A0302	M Shiva	30	100
8	21Q65A0303	Pansarya Siddhu Kalyan	30	100
9	21Q65A0304	Seetha Sindhu	30	100
10	21Q65A0305	Shaik Imame Muzammil	30	100
11	21Q65A0306	Abbanoni Sandeep	30	100
12	21Q65A0307	Atmuri Rahul	30	100
13	21Q65A0308	Banoth Swetha	30	100
14	21Q65A0309	Bhupathi Mahesh	30	100
15	21Q65A0310	Boda Narsi Reddy	30	100
16	21Q65A0311	Bodida Shivakumar	30	100

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 28-10-2022

COURSE REPORT

Name of The Value added course: Solid Works

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr.Y Ramesh Babu Assistant Professor

Name of the Coordinator: Mr.K.Sumanth Assistant Professor

Number of the Participants: 16

Topics covered: The following topics covered in this program

➢ Solid Works Graphical User Interface - Feature manager design tree.

➢ Sketch Entities – Inference line.

➢ Relations - Adding Sketch Relation, Automatic relations.

➢ Introduction to Assembly Modeling & Approaches.

➢ Applying Mechanical Mates – Cam, Hinge, and Gear.

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Avanthi Institute of Engineering and Technology

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **T.SATHWIK** BEARING ROLL NUMBER

20Q61A0305 FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE

VALUE ADDED COURSE ON "**SOLID WORKS**" DURING THE YEAR **2022-23**.

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **B.SWETHA** BEARING ROLL NUMBER **21Q65A0308**

FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE VALUE ADDED

COURSE ON **"SOLID WORKS"** DURING THE YEAR **2022-23**.

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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2022-23/I/02   **Date: 01-11-2022**

CIRCULAR

This is to inform all the III B. Tech Mech students that, the Department organizing an Value added course on **"CNC Turning and Milling"**. Department Advisory Committee has been identified **Dr.G.Ramachandra Reddy Professor Department of Mech**.As a resource person for this course. This course is scheduled for 06 days which will take place from 07-11-2022 to 12-11-2022.All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

Head of the **HOD**epartment

Mechanical Engineering

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Ranga Reddy District.

Copy to:

    The principal, for kind information

    IQAC

    Notice Board

    III B. Tech Mech students

    Dept. file

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ABOUT THE COURSE

This course covers Fundamentals and concepts of CNC machining centres, NC part programming, Programming through CAD/CAM, and Maintenance and Troubleshooting the CNC machine tools. This course offers more hands on experience through which the participants will be developing CNC programs and machining complicated shapes by using the CNC machine tools

COURSE OBJECTIVES

- Evaluate manufacturing assignment based on critical thinking and problem solving skills. Become a good communicator and effective team member.
- Practice writing complex "G" code programs for CNC turning centers that meet the part specification
- Interpret and demonstrate complex "G" code programs for CNC milling centers that meet the part specification
- Prepare "G: code programs to perform secondary operations including tapping, countersinking, counter boring, and threading.
- Describe and illustrate common problems with tooling and fixtures in CNC programming and machining

EXPECTED OUTCOMES

- Explain applications and advantages of CNC machines and technology
- Demonstrate and explain various CNC control Calculate technological data for CNC machining
- Understand the importance and use of PPE's
- Prepare and understand line program for various profiles Identify and set parameters for various simulators
- Prepare programs , demonstrate , simulate and operate CNC lathe machines for various machining operations
- Prepare programs , demonstrate , simulate and operate CNC milling machines for various machining operations
- Define and explain Modern CNC systems and explain its importance in manufacturing

Resource Person
Dr.G.Ramachandra Reddy
Professor
Department of MECH

Co-ordinator
Mrs.A.Swathi
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:05th NOV,2022
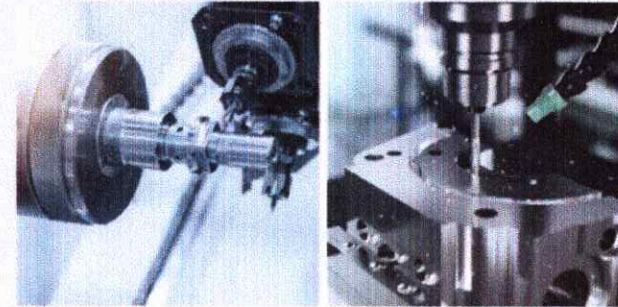
ADD-ON COURSE ON

"CNC TURNING AND MILLING"

07th NOV TO 12th NOV ,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CNC TURNING AND MILLING

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B.TECH III YEAR-I SEM

Course objectives:

- Evaluate manufacturing assignment based on critical thinking and problem solving skills. Become a good communicator and effective team member.
- Practice writing complex "G" code programs for CNC turning centers that meet the part specification
- Interpret and demonstrate complex "G" code programs for CNC milling centers that meet the part specification
- Prepare "G: code programs to perform secondary operations including tapping, countersinking, counter boring, and threading.
- Describe and illustrate common problems with tooling and fixtures in CNC programming and machining.

Course outcomes:

- Explain applications and advantages of CNC machines and technology
- Demonstrate and explain various CNC control Calculate technological data for CNC machining
- Understand the importance and use of PPE's
- Prepare and understand line program for various profiles Identify and set parameters for various simulators
- Prepare programs , demonstrate , simulate and operate CNC lathe machines for various machining operations
- Prepare programs , demonstrate , simulate and operate CNC milling machines for various machining operations
- Define and explain Modern CNC systems and explain its importance in manufacturing

UNIT-I: CNC Turning & Milling: Introduction- Terminal Competency/Deliverables-Employment opportunities- Further learning pathways

UNIT-II: CN Structure:- Reading the machining sketches.- Different Geometrical Tolerance symbols.- Reading Dimensional Tolerances.- Understanding the Views.- The concept of First angle & Third angle projection.

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UNIT-III: Conventional Turning Awareness:--Introduction to Turning & its parts.-Different operations of Turning .a) Step turning.b) Facing.c) Centering & Drilling.d) Boring.e) Knurling.f) Thread cutting.g) Job setting by dialing.h) Turning in between centers.-Knowledge of different cutting tool materials used.-Selecting speeds & feeds.

UNIT-IV: CNC Turning - Basic:--Fundamentals of CNC lathe.-Familiarization of control panel.-Fundamentals of CNC programming.-Part programming techniques.-Canned cycles.-Machining practice on CNC lathe.

UNIT-V: Turning - Advanced:--Work piece setting methods.-Tool setting methods.-Programming by using multiple tools.-Advanced programming techniques.-Practices on CNC lathe.-Project on machine by using different cycles.

TEXT BOOKS:

1. Programming of CNC machines, by Ken Evans
2. CNC Programming Handbook by Peter Smid
3. NC Control by Kundra Rao, Tewari

REFERENCE BOOKS:

1. https://cache.industry.siemens.com/dl/files/554/74475554/att_56792/v1/PGsl_0313_en_en-US.pdf
2. G codes, M codes Handbook, by Mazak Corporation, sources:

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Head of the Department

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: III YEAR – I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Cnc Turning And Milling	BREAK	CNC Turning and Milling	LUNCH	CNC Turning and Milling	BREAK	CNC Turning and Milling
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **CNC TURNING AND MILLING**

ACADEMIC YEAR: 2022-23 **Date: 01-11-2022**

B.TECH III YEAR-I SEM **DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
07-11-2022	CNC Turning & Milling: Introduction- Terminal Competency/Deliverables- Employment opportunities- Further learning pathways.	10:00 am to 04:00 pm	5 hours
08-11-2022	CN Structure:- Reading the machining sketches.- Different Geometrical Tolerance symbols.- Reading Dimensional Tolerances.- Understanding the Views.- The concept of First angle & Third angle projection.	10:00 am to 04:00 pm	5 hours
09-11-2022	Conventional Turning Awareness:-- Introduction to Turning & its parts.- Different operations of Turning .a) Step turning. b) Facing.	10:00 am to 04:00 pm	5 hours
10-11-2022	CNC Turning - Basic:--Fundamentals of CNC lathe.-Familiarization of control panel.-Fundamentals of CNC programming.-Part	10:00 am to 04:00 pm	5 hours
11-11-2022	Turning - Advanced:--Work piece setting methods.-Tool setting methods.- Programming by using multiple tools.-	10:00 am to 04:00 pm	5 hours
12-11-2022	Advanced programming techniques.- Practices on CNC lathe.-Project on machine by using different cycles	10:00 am to 04:00 pm	5 hours
		Total – 30 hours	

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...Reddy District.

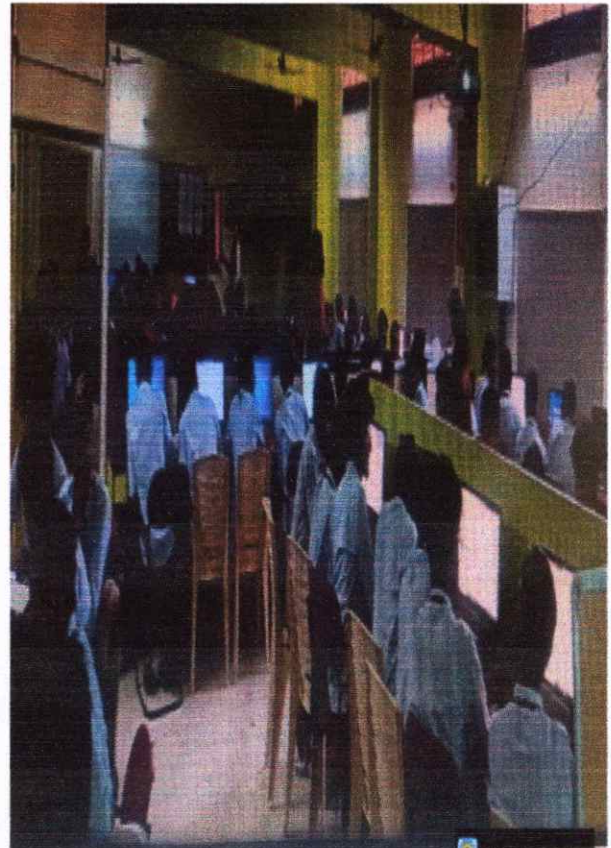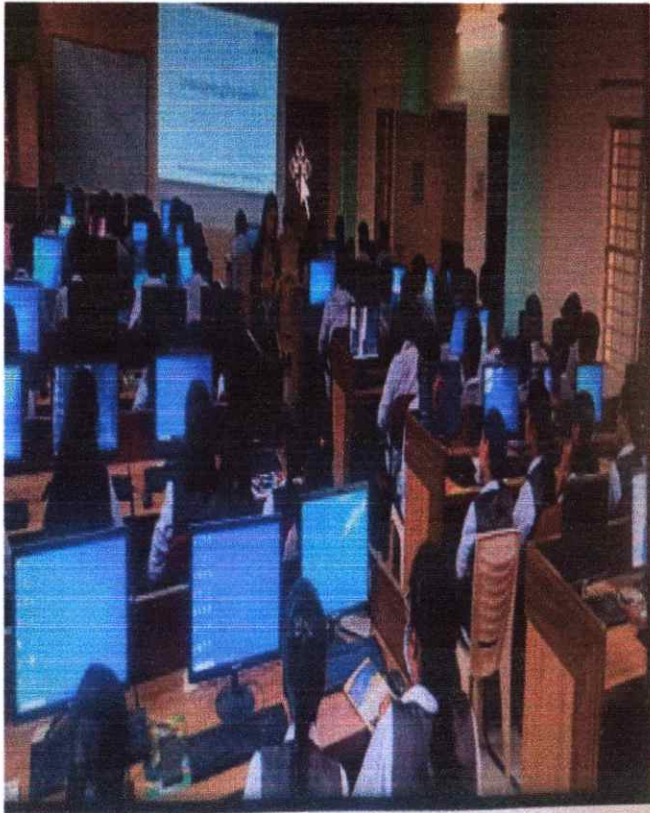Avanthi Institute of Engineering and Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CNC TURNING AND MILLING

B.TECH III YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q65A0312	Chetty Gowtham
2	21Q65A0313	Dhanavath Vijay
3	21Q65A0314	E Ganesh Goud
4	21Q65A0315	Earla Srikanth
5	21Q65A0316	Gouni Saikiran
6	21Q65A0317	Gorla Naga Prasad
7	21Q65A0318	K Sowmya
8	21Q65A0319	Kattela Chandrakanth
9	21Q65A0320	Konduri Balaji
10	21Q65A0321	Munukuntla Hemanth Reddy
11	21Q65A0322	Perumalla Vijay Kumar
12	21Q65A0323	Ramavath Ramchander
13	21Q65A0324	Relangi Pallavi
14	21Q65A0325	Shaik Azeem
15	21Q65A0326	Siripuram Swaroop Kumar

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The Students of III-Year B.Tech Certificate Program Attending "CNC Turning and Milling"

By the Resource Person "Mr.G.Ramachandra Reddy"

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME:CNC TURNING AND MILLING

B.TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 01-11-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07.11.22	08.11.22	09.11.22	10.11.22	11.11.22	12.11.22
1	21Q65A0312	Chetty Gowtham	P	P	P	P	P	P
2	21Q65A0313	Dhanavath Vijay	P	P	P	P	P	P
3	21Q65A0314	E Ganesh Goud	P	P	P	P	P	P
4	21Q65A0315	Earla Srikanth	P	P	P	P	P	P
5	21Q65A0316	Gouni Saikiran	P	P	P	P	P	P
6	21Q65A0317	Gorla Naga Prasad	P	P	P	P	P	P
7	21Q65A0318	K Sowmya	P	P	P	P	P	P
8	21Q65A0319	Kattela Chandrakanth	P	P	P	P	P	P
9	21Q65A0320	Konduri Balaji	P	P	P	P	P	P
10	21Q65A0321	Munukuntla Hemanth Reddy	P	P	P	P	P	P
11	21Q65A0322	Perumalla Vijay Kumar	P	P	P	P	P	P
12	21Q65A0323	Ramavath Ramchander	P	P	P	P	P	P
13	21Q65A0324	Relangi Pallavi	P	P	P	P	P	P
14	21Q65A0325	Shaik Azeem	P	P	P	P	P	P
15	21Q65A0326	Siripuram Swaroop Kumar	P	P	P	P	P	P

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CNC TURNING AND MILLING

B.TECH III YEAR-I SEM   **A.Y 2022-2023**   **Date: 07-11-2022 to 12-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0312	Chetty Gowtham	30	100
2	21Q65A0313	Dhanavath Vijay	30	100
3	21Q65A0314	E Ganesh Goud	30	100
4	21Q65A0315	Earla Srikanth	30	100
5	21Q65A0316	Gouni Saikiran	30	100
6	21Q65A0317	Gorla Naga Prasad	30	100
7	21Q65A0318	K Sowmya	30	100
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9	21Q65A0320	Konduri Balaji	30	100
10	21Q65A0321	Munukuntla Hemanth Reddy	30	100
11	21Q65A0322	Perumalla Vijay Kumar	30	100
12	21Q65A0323	Ramavath Ramchander	30	100
13	21Q65A0324	Relangi Pallavi	30	100
14	21Q65A0325	Shaik Azeem	30	100
15	21Q65A0326	Siripuram Swaroop Kumar	30	100

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 18-11-2022

COURSE REPORT

Name of The Value added course: CNC Turning and Milling

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr.G.Ramachandra Reddy Professor

Name of the Coordinator: Mrs.A.Swathi Assistant Professor

Number of the Participants: 15

Topics covered: The following topics covered in this program

- ➤ CNC Turning & Milling.
- ➤ CN Structure.
- ➤ Conventional Turning Awareness.
- ➤ CNC Turning - Basic.
- ➤ Turning - Advanced.

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Head of the Department

HOD

Mechanical Engineering

Avanthi Institute of Engineering & Techn

Gunthapally (Vill), Abdullapur Met (F

Ranga Reddy District.

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **E.Srikanth** Bearing roll number **21Q65A0315** from the

department of **Mechanical Engineering** completed the value added course on **"CNC TURNING**

AND MILLING" During the year **2022-23**.

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.Pallavi** Bearing roll number **21Q65A0324** from the department of **Mechanical Engineering** completed the value added course on **"CNC TURNING AND MILLING"** During the year **2022-23**.

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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2022-23/I/03   **Date: 08-12-2022**

CIRCULAR

This is to inform all the IV B. Tech Mech students that, the Department organizing an Value added course on **"CRYOGENIC"**. Department Advisory Committee has been identified **Mr.R.V Prahlad Assistant Professor** in Mech as a resource person for this course. This course is scheduled for 06 days which will take place from 12-12-2022 to 17-12-2022. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

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Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

IV-I B. Tech students

Dept. file

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ABOUT THE COURSE

The focus is how to safely use liquid nitrogen systems and products for various applications and materials compatibility. This course is helpful for engineers, safety staff, technicians, and managers and also includes medical use of liquid nitrogen as well as cryogenic testing for it.

COURSE OBJECTIVES

- To provide the knowledge of evolution of low temperature science
- To provide knowledge on the properties of materials at low temperature
- To familiarize with various gas liquefaction and refrigeration systems and to provide design aspects of cryogenic storage and transfer lines.

EXPECTED OUTCOMES

- To gain knowledge and to understand the scope and history of cryogenics.
- To apply the knowledge of low temperature production methods to understand and analyze different liquefaction systems.
- To apply the knowledge of ideal refrigeration techniques, to understand and analyze common cryogenic refrigeration systems.
- To gain knowledge and to understand various cryogenic fluid storage and transport systems and to evaluate their performance applying fundamental concepts
- To gain knowledge about different cryogenic instrumentation and to understand cryo pumping.

Resource Person	Co-ordinator
Mr.RV.Prahlad	Mr.V.Harinayak
Assistant Professor	Assistant Professor
Department of MECH	Department of MECH

LAST DATE FOR REGISTRATION:10th DEC,2022

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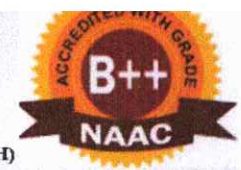
ADD-ON COURSE ON

"CRYOGENIC"

12th DEC TO 17th DEC,2022

DURATION OF THE COURSE 30 HRS

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CRYOGENIC

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH IV YEAR-I SEM

Course objectives:

- To provide the knowledge of evolution of low temperature science
- To provide knowledge on the properties of materials at low temperature
- To familiarize with various gas liquefaction and refrigeration systems and to provide design aspects of cryogenic storage and transfer lines.

Course outcomes:

- To gain knowledge and to understand the scope and history of cryogenics.
- To apply the knowledge of low temperature production methods to understand and analyze different liquefaction systems.
- To apply the knowledge of ideal refrigeration techniques, to understand and analyze common cryogenic refrigeration systems.
- To gain knowledge and to understand various cryogenic fluid storage and transport systems and to evaluate their performance applying fundamental concepts
- To gain knowledge about different cryogenic instrumentation and to understand cryo pumping.

UNIT-I: Introduction to Cryogenic Systems: Historical development, Applications of Cryogenics (Space, Food Processing, Super conductivity, Electrical Power, Biology, Medicine, Electronics and Cutting Tool Industry). Low Temperature Properties: Properties of Engineering Materials (Mechanical properties, Thermal properties, Electric and Magnetic properties), Properties of Cryogenic fluids.

UNIT-II: Introduction to Liquefaction Systems: Ideal system, Joule Thomson expansion, Adiabatic expansion, Linde Hampton Cycle, Claude & Cascaded System. Introduction to Cryogenic Refrigeration Systems: Magnetic Cooling, Stirling Cycle Cryo Coolers.

UNIT-III: Gas Liquefaction Systems: General liquefaction systems. Liquefaction systems for Neon, Hydrogen and Helium. Critical components of liquefaction systems.

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UNIT-IV: Cryogenic Refrigeration Systems: Ideal refrigeration systems, Refrigeration using liquids and gases as refrigerant, Refrigerators using solids as working media.

UNIT-V: Cryogenic Fluid Storage and Transfer Systems: Cryogenic storage vessels and transportation. Thermal insulation and their performance at cryogenic temperatures, Super insulations, Vacuum insulation, Powder insulation. Cryogenic fluid transfer systems..

TEXT BOOKS:

1. J. H. Boll Jr, Cryogenic Engineering
2. R. B. Scott, Cryogenic Engineering, Van Nostrand Co., 1959
3. Randal F.Barron, Cryogenic systems, McGraw Hill, 1986

REFERENCE BOOKS:

1. Klaus D.Timmerhaus and Thomas M.Flynn, Cryogenic Process Engineering, Plenum Press, New York, 1989.

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	CRYOGENIC	BREAK	CRYOGENIC	LUNCH	CRYOGENIC	BREAK	CRYOGENIC
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CRYOGENIC

ACADEMIC YEAR: 2022-2023   **Date: 08-12-2022**

B.TECH IV YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
12-12-2022	Historical development, Applications of Cryogenics.	10:00 am to 04:00 pm	5 hours
13-12-2022	Ideal system, Joule Thomson expansion. Adiabatic expansion, Linde Hampton Cycle	10:00 am to 04:00 pm	5 hours
14-12-2022	General liquefaction systems. Liquefaction systems.	10:00 am to 04:00 pm	5 hours
15-12-2022	Ideal refrigeration systems, Refrigeration using liquids and gases as refrigerant.	10:00 am to 04:00 pm	5 hours
16-12-2022	Cryogenic storage vessels and transportation.	10:00 am to 04:00 pm	5 hours
17-12-2022	Thermal insulation and their performance at cryogenic temperatures.	10:00 am to 04:00 pm	5 hours
		Total – 30 hours	

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DEPARTMENT OF MECHANICAL ENGINEERING
VALUE ADDED COURSE NAME: CRYOGENIC

B.TECH IV YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	19Q61A0301	Gurthula Rakesh
2	19Q61A0302	Kornu Venkatesh
3	19Q61A0303	Kothur Tharun
4	19Q61A0304	Kusa Anil Kumar
5	19Q61A0305	Lavudya Rambabu
6	19Q61A0306	Munjam Saikiran
7	19Q61A0307	Pilli Venkat
8	19Q61A0308	Jinna Srinivas
9	19Q61A0309	Parne Bheemarjunreddy
10	17Q61A0325	Palvatala Sainath Reddy
11	16Q61A0324	Parne Sai Kiran Reddy
12	18Q65A0324	Yadlapally Kartheek
13	17Q61A0301	Ava Arjun
14	20Q65A0301	Adhikoppula Rohith Kumar
15	20Q65A0302	Dobbala Santhosh Kumar
16	20Q65A0303	Mule Keerthana
17	20Q65A0304	Supriya Endoori
18	20Q65A0305	Suthralavamshikrishna
19	20Q65A0306	V.Pavan Kumar
20	20Q65A0307	A Anand
21	20Q65A0308	Annareddy Ganesh
22	20Q65A0309	ChennagariSanjaygoud
23	20Q65A0310	Gorla Naveen
24	20Q65A0311	Jadhav Sopan
25	20Q65A0312	Jogu Raju
26	20Q65A0313	Kankurthe Naresh
27	20Q65A0314	Kethavath Nitish Kumar
28	20Q65A0315	M Sai Kumar
29	20Q65A0316	Marru Tharun
30	20Q65A0317	Pagadala Srilekha
31	20Q65A0318	Ramavath Mathru
32	20Q65A0319	Sabhavatsainaik

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34	20Q65A0321	Somala Gouthami
35	20Q65A0322	Sopparwar Manesh
36	20Q65A0323	Yedla Venu Gopala Krishna
37	20Q65A0324	V Kiran Kumar
38	18N81A0308	Anvesh Sriramoju
39	18N81A0306	Gopidi Sridhar

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The Students of IV-Year B.Tech Certificate Program Attending "Cryogenic" By the Resource Person "Mr.R.Vprahlad Assistant Professor".

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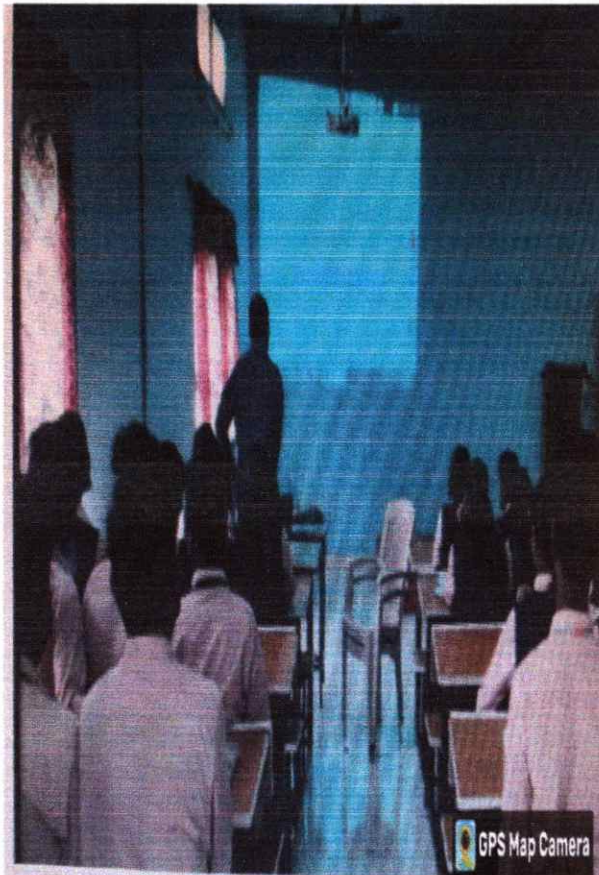Avanthi Institute of Engineering and Technology

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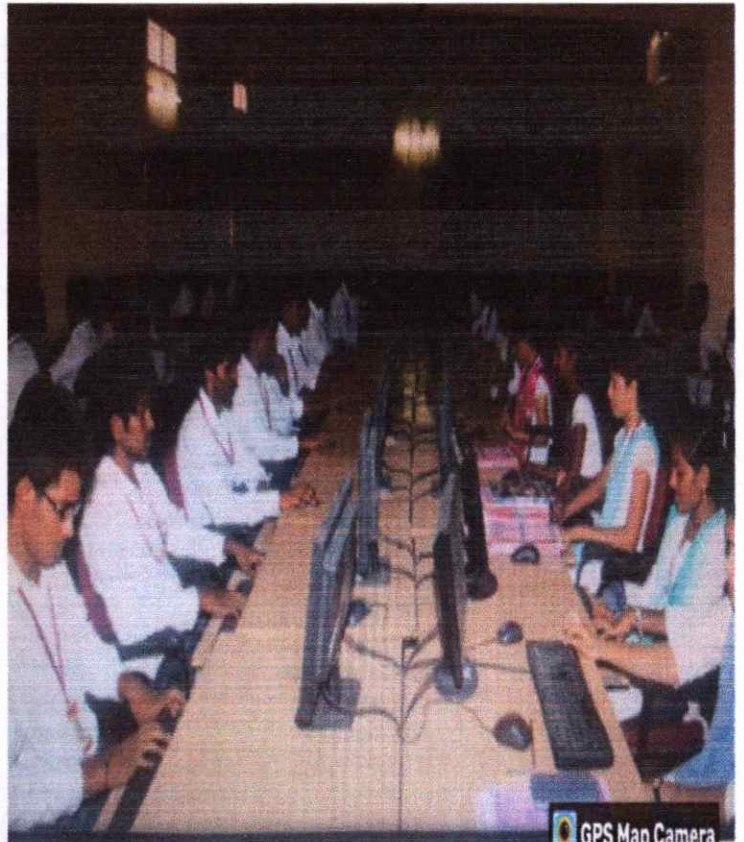Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CRYOGENIC

B.TECH IV YEAR-I SEM   **A.Y 2022-2023**   **Date: 08-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	12.12.22	13.12.22	14.12.23	15.12.23	16.12.23	17.12.23
1	19Q61A0301	Gurthula Rakesh	P	P	P	P	P	P
2	19Q61A0302	Kornu Venkatesh	P	P	P	P	P	P
3	19Q61A0303	Kothur Tharun	P	P	P	P	P	P
4	19Q61A0304	Kusa Anil Kumar	P	P	P	P	P	P
5	19Q61A0305	Lavudya Rambabu	P	P	P	P	P	P
6	19Q61A0306	Munjam Saikiran	P	P	P	P	P	P
7	19Q61A0307	Pilli Venkat	P	P	P	P	P	P
8	19Q61A0308	Jinna Srinivas	P	P	P	P	P	P
9	19Q61A0309	Parne Bheemarjunreddy	P	P	P	P	P	P
10	17Q61A0325	Palvatala Sainath Reddy	P	P	P	P	P	P
11	16Q61A0324	Parne Sai Kiran Reddy	P	P	P	P	P	P
12	18Q65A0324	Yadlapally Kartheek	P	P	P	P	P	P
13	17Q61A0301	Ava Arjun	P	P	P	P	P	P
14	20Q65A0301	Adhikoppula Rohith Kumar	P	P	P	P	P	P
15	20Q65A0302	Dobbala Santhosh Kumar	P	P	P	P	P	P
16	20Q65A0303	Mule Keerthana	P	P	P	P	P	P
17	20Q65A0304	Supriya Endoori	P	P	P	P	P	P
18	20Q65A0305	Suthralavamshikrishna	P	P	P	P	P	P
19	20Q65A0306	V.Pavan Kumar	P	P	P	P	P	P
20	20Q65A0307	A Anand	P	P	P	P	P	P
21	20Q65A0308	Annareddy Ganesh	P	P	P	P	P	P
22	20Q65A0309	ChennagariSanjaygoud	P	P	P	P	P	P
23	20Q65A0310	Gorla Naveen	P	P	P	P	P	P
24	20Q65A0311	Jadhav Sopan	A	A	A	A	A	A
25	20Q65A0312	Jogu Raju	P	P	P	P	P	P
26	20Q65A0313	Kankurthe Naresh	P	P	P	P	P	P
27	20Q65A0314	Kethavath Nitish Kumar	P	P	P	P	P	P
28	20Q65A0315	M Sai Kumar	P	P	P	P	P	P
29	20Q65A0316	Marru Tharun	P	P	P	P	P	P
30	20Q65A0317	Pagadala Srilekha	P	P	P	P	P	P
31	20Q65A0318	Ramavath Mathru	P	P	P	P	P	P
32	20Q65A0319	Sabhavatsainaik	P	P	P	P	P	P

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34	20Q65A0321	Somala Gouthami	A	A	A	A	A	A
35	20Q65A0322	Sopparwar Manesh	P	P	P	P	P	P
36	20Q65A0323	Yedla Venu Gopala Krishna	P	P	P	P	P	P
37	20Q65A0324	V Kiran Kumar	P	P	P	P	P	P
38	18N81A0308	Anvesh Sriramoju	P	P	P	P	P	P
39	18N81A0306	Gopidi Sridhar	P	P	P	P	P	P

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: CRYOGENIC

B.TECH IV YEAR-I SEM   **A.Y 2022-2023**   **Date: 12-12-2022 to 17-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0301	Gurthula Rakesh	30	100
2	19Q61A0302	Kornu Venkatesh	30	100
3	19Q61A0303	Kothur Tharun	30	100
4	19Q61A0304	Kusa Anil Kumar	30	100
5	19Q61A0305	Lavudya Rambabu	30	100
6	19Q61A0306	Munjam Saikiran	30	100
7	19Q61A0307	Pilli Venkat	30	100
8	19Q61A0308	Jinna Srinivas	30	100
9	19Q61A0309	Parne Bheemarjunreddy	30	100
10	17Q61A0325	Palvatala Sainath Reddy	30	100
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13	17Q61A0301	Ava Arjun	30	100
14	20Q65A0301	Adhikoppula Rohith Kumar	30	100
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17	20Q65A0304	Supriya Endoori	30	100
18	20Q65A0305	Suthralavamshikrishna	30	100
19	20Q65A0306	V.Pavan Kumar	30	100
20	20Q65A0307	A Anand	30	100
21	20Q65A0308	Annareddy Ganesh	30	100
22	20Q65A0309	ChennagariSanjaygoud	30	100
23	20Q65A0310	Gorla Naveen	30	100
24	20Q65A0311	Jadhav Sopan	0	0
25	20Q65A0312	Jogu Raju	30	100
26	20Q65A0313	Kankurthe Naresh	30	100
27	20Q65A0314	Kethavath Nitish Kumar	30	100
28	20Q65A0315	M Sai Kumar	30	100
29	20Q65A0316	Marru Tharun	30	100
30	20Q65A0317	Pagadala Srilekha	30	100
31	20Q65A0318	Ramavath Mathru	30	100
32	20Q65A0319	Sabhavatsainaik	30	100

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33	20Q65A0320	Sampangi Surya Kiran	30	100
34	20Q65A0321	Somala Gouthami	0	0
35	20Q65A0322	Sopparwar Manesh	30	100
36	20Q65A0323	Yedla Venu Gopala Krishna	30	100
37	20Q65A0324	V Kiran Kumar	30	100
38	18N81A0308	Anvesh Sriramoju	30	100
39	18N81A0306	Gopidi Sridhar	30	100

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HOD

Head of the Department

Mechanical Engineering

Avanthi Institute of Engineering & Technolo

Gunthapally (Vill), Abdullapur Met (Md,

Ranga Reddy District.

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 23-12-2022

COURSE REPORT

Name of the Value added course: CRYOGENIC

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.R.V Prahlad, Assistant Professor.

Name of the Coordinator: Mr.V.Harinayak, Assistant Professor.

Number of the Participants: 39

Topics covered: The following topics covered in this program

- ➢ Introduction to Cryogenic Systems.
- ➢ Introduction to Liquefaction Systems.
- ➢ Gas Liquefaction Systems.
- ➢ Cryogenic Refrigeration Systems.
- ➢ Cryogenic Fluid Storage and Transfer Systems.

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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Head of the Department
Mechanical Engineering **HOD**
Avanthi Institute of Engineering & Tech,
Gunthapally (Vill), Abdullapur Met (M
PRINCIPAL   Ranga Reddy District.
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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **K.THARUN** BEARING ROLL NUMBER **19Q61A0303**

FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED

COURSE ON **"CRYOGENIC"** DURING THE YEAR **2022-23**.

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Mechanical Engineering
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Ranga Reddy District.
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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **K.NARESH** BEARING ROLL NUMBER **20Q65A0313**

FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED

COURSE ON "CRYOGENIC" DURING THE YEAR **2022-23**.

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CO ORDINATOR
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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2022-23/I/04   **Date: 06-02-2023**

CIRCULAR

This is to inform all the II B. Tech Mech students that, the Department organizing an Value added course on **"Introduction to HYPER MESH "**. Department Advisory Committee has been identified **Mr.A.Shankar, Assistant Professor** in Mech as a resource person for this course. This course is scheduled for 06 days which will take place from 13-02-2023 to 18-02--2023.All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

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Head of the Department
Mechanical Engineering
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Ranga Reddy District.

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II B. Tech Mech students

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ABOUT THE COURSE

Hypermesh is a software used for computer aided engineering (CAE) and finite element analysis (FEA). Hypermesh is developed by Altair Engineering and it is a part of Altair Hyperworks suite of CAE software's

COURSE OBJECTIVES

- The basics of finite element analysis (FEA) and how to use it in structural design and analysis are covered.
- Using Hyper mesh geometric tools to create and edit nodes.
- Learn how to use 1D and 2D meshing techniques.
- There are different kinds of meshing, such as hexa, shell, and tetra.
- Techniques of morphing and macro generation.

EXPECTED OUTCOMES

- Ability to create and manage project enterprise structure within INTRODUCTION TO HYPER MESH P6 database
- Create project work breakdown structure
- Develop resource loaded or simple project schedule
- Manage the project time frame related constraints
- Estimate the required man-hours for various activities up to total project by resource assignment

Resource Person
Mr.A.Shankar
Assistant Professor
Department of MECH

Co-ordinator
**Mr.M.Venkateswarlu**
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:10th DEC,2022

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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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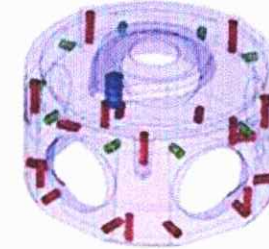
ADD-ON COURSE ON

"INTRODUCTION TO HYPER MESH"

13th FEB TO 18th FEB,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: INTRODUCTION TO HYPER MESH

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

B.TECH II YEAR-I SEM

Course objectives:

- Hyper mesh training course enables participants to work on hyper mesh 12.0 software, a computer aided engineering (CAE) simulations software platform. The training enables the trainees
- To create finite element models for analysis and prepare high-quality meshes in an efficient manner.

Course outcomes:

- Learn how to Validate and simulate the product with respect to all sectors, including automotive.
- Learn how to optimize you design according to given industrial specifications.
- Learn how to understand, interpret and document the results of simulation.
- This is a Ready-for-Industry course which gives you ample knowledge to ace your placement drive.

UNIT-I: Introduction to Hyper Mesh: Introduction about Hyper mesh Introduction to CAD & CAE Application of CAE Software Advantages and Theory of FEM and Basic engineering and Shortcuts.

UNIT-II: GEOMETRY: Create node Node edit Temp nodes Distance Dimensioning Lines Line edit Length Creation of surfaces and surface edit Normal Translate and Rotate.

UNIT-III: MID –SURFACE EXTRACTION: Auto mid surface Extraction De – featuring Quick Edit.

UNIT-IV: GEOMETRY CLEAN–UP: Surface edges Visualization tool bar Display tool bar clean up using quick edit.

UNIT-V: 2D MESHING: Introduction to meshing Auto meshing Size & Biasing Density and mesh style Mesh connectivity Replace and remising Current and surface components Reviews of all options and doubt clarification.

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: II YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Introduction to HYPER MESH	BREAK	Introduction to HYPER MESH	LUNCH	Introduction to HYPER MESH	BREAK	Introduction to HYPER MESH
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department **HOD**

Mechanical Engineering

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **INTRODUCTION TO HYPER MESH**

ACADEMIC YEAR: 2022-2023   **Date: 06-02-2023**

B.TECH II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
13-02-2023	Introduction about Hyper mesh Introduction to CAD & CAE Application.	10:00 am to 04:00 pm	5 hours
14-02-2023	Create node Node edit Temp nodes Distance Dimensioning Lines.	10:00 am to 04:00 pm	5 hours
15-02-2023	Auto mid surface Extraction De – featuring Quick Edit.	10:00 am to 04:00 pm	5 hours
16-02-2023	Surface edges Visualization tool bar Display tool bar clean up using quick edit.	10:00 am to 04:00 pm	5 hours
17-02-2023	Introduction to meshing Auto meshing Size & Biasing Density.	10:00 am to 04:00 pm	5 hours
18-02-2023	Mesh style Mesh connectivity Replace and remising Current and surface components.	10:00 am to 04:00 pm	5 hours
		Total – 30 hours	

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **INTRODUCTION TO HYPER MESH**

B.TECH II YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	21Q61A0301	Baindla Bhanu Prasad
2	21Q61A0302	Mandula Naveen
3	21Q61A0303	Sarolla Praveen Goud
4	21Q61A0304	Varimadla Ajay Kumar
5	21Q61A0305	Alakuntla Bharath
6	21Q61A0306	Bollam Jaya Krishna
7	21Q61A0307	Parsham Kalyan
8	21Q61A0308	Puliyala Raghavendra Reddy
9	21Q61A0309	Saurabh Singh
10	22Q65A0301	DadamoniVijendar
11	22Q65A0302	Farhan Abdul Rahman
12	22Q65A0303	Md Meharaj
13	22Q65A0304	Mutyala Manideep
14	22Q65A0305	Vakiti Jaishankar
15	22Q65A0306	Ravula Premsai

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The students of II-Year B.Tech certificate program attending "Introduction to Hyper Mesh" by the resource person "Mr.A.Shankar" Assistant Professor.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME:INTRODUCTION TO HYPER MESH

B.TECH II YEAR-I SEM   A.Y 2022-2023   Date: 06-02-2023

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	13.02.23	14.02.23	15.02.23	16.02.23	17.02.23	18.02.23
1	21Q61A0301	Baindla Bhanu Prasad	P	P	P	P	P	P
2	21Q61A0302	Mandula Naveen	P	P	P	P	P	P
3	21Q61A0303	Sarolla Praveen Goud	P	P	P	P	P	P
4	21Q61A0304	Varimadla Ajay Kumar	P	P	P	P	P	P
5	21Q61A0305	Alakuntla Bharath	P	P	P	P	P	P
6	21Q61A0306	Bollam Jaya Krishna	P	P	P	P	P	P
7	21Q61A0307	Parsham Kalyan	P	P	P	P	P	P
8	21Q61A0308	Puliyala Raghavendra Reddy	P	P	P	P	P	P
9	21Q61A0309	Saurabh Singh	P	P	P	P	P	P
10	22Q65A0301	DadamoniVijendar	P	P	P	P	P	P
11	22Q65A0302	Farhan Abdul Rahman	P	P	P	P	P	P
12	22Q65A0303	Md Meharaj	P	P	P	P	P	P
13	22Q65A0304	Mutyala Manideep	P	P	P	P	P	P
14	22Q65A0305	Vakiti Jaishankar	P	P	P	P	P	P
15	22Q65A0306	Ravula Premsai	P	P	P	P	P	P

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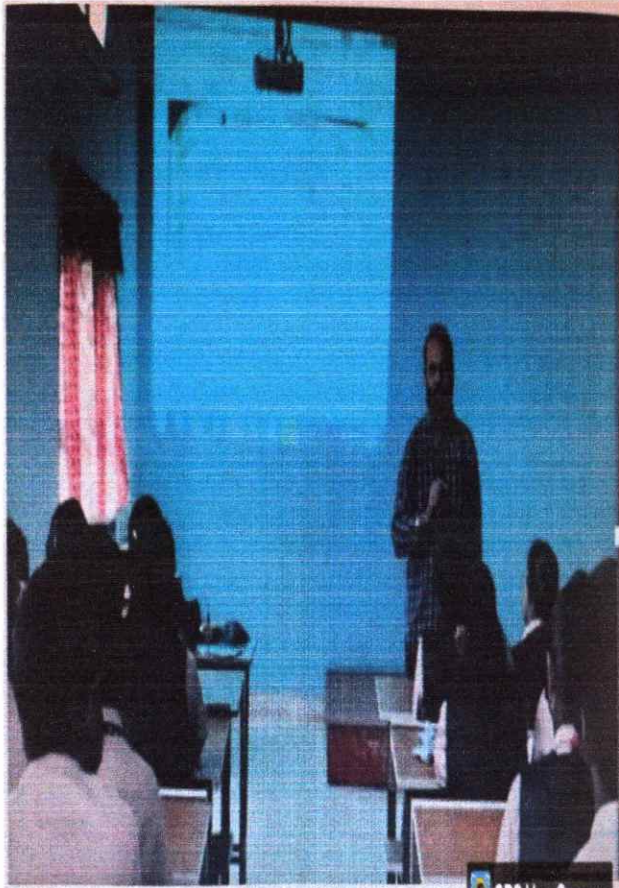Avanthi Institute of Engineering and Technology

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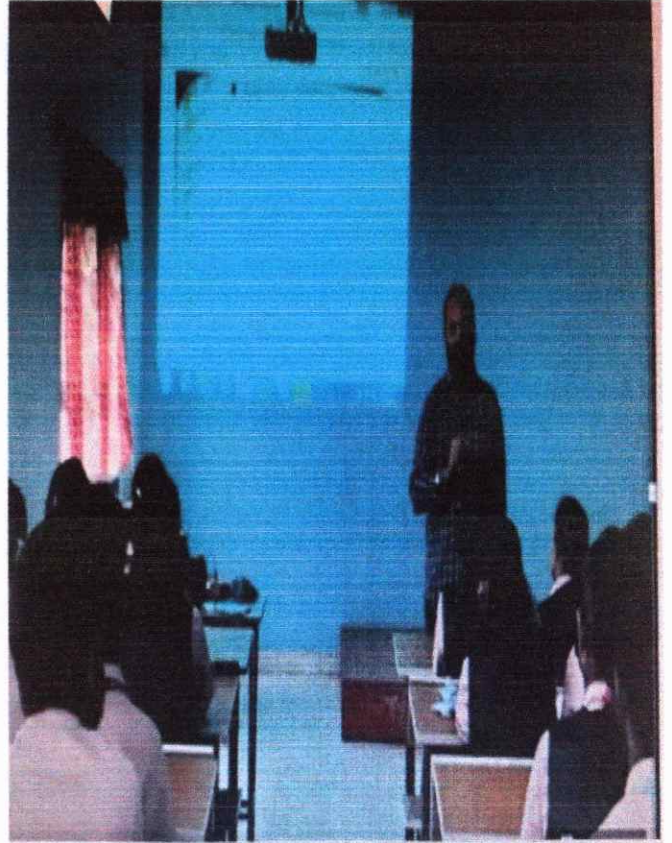Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **INTRODUCTION TO HYPER MESH**

B.TECH II YEAR-I SEM   **A.Y 2022-2023**   **Date: 13-02-2023 to 18-02--2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0301	Baindla Bhanu Prasad	30	100
2	21Q61A0302	Mandula Naveen	30	100
3	21Q61A0303	Sarolla Praveen Goud	30	100
4	21Q61A0304	Varimadla Ajay Kumar	30	100
5	21Q61A0305	Alakuntla Bharath	30	100
6	21Q61A0306	Bollam Jaya Krishna	30	100
7	21Q61A0307	Parsham Kalyan	30	100
8	21Q61A0308	Puliyala Raghavendra Reddy	30	100
9	21Q61A0309	Saurabh Singh	30	100
10	22Q65A0301	DadamoniVijendar	30	100
11	22Q65A0302	Farhan Abdul Rahman	30	100
12	22Q65A0303	Md Meharaj	30	100
13	22Q65A0304	Mutyala Manideep	30	100
14	22Q65A0305	Vakiti Jaishankar	30	100
15	22Q65A0306	Ravula Premsai	30	100

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Head of the Department
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Mechanical Engineering
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Ranga Reddy District.

Avanthi Institute of Engineering and Technology

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 25-02-2023

COURSE REPORT

Name of The Value added course: Introduction to Hyper Mesh

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.A.Shankar, Assistant Professor.

Name of the Coordinator: Mr.M.Venkateswarlu, Assistant Professor.

Number of the Participants: 15

Topics covered: The following topics covered in this program

➢ Introduction to Hyper Mesh.
➢ Geometry.
➢ Mid –Surface Extraction.
➢ Geometry Clean–Up.
➢ 2d Meshing.

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **B.BHANU PRASAD** BEARING ROLL NUMBER

21Q61A0301 FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE

VALUE ADDED COURSE ON **"INTRODUCTION TO HYPER MESH"** DURING THE YEAR **2022-23**.

Head of the Department
Mechanical Engineering
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Ranga Reddy District.
HOD

Co-Ordinator
CO ORDINATOR
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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **MD.MEHARAJ** BEARING ROLL NUMBER

22Q65A0303 FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE

VALUE ADDED COURSE ON **"INTRODUCTION TO HYPER MESH"** DURING THE YEAR **2022-23**.

Head of the Department
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HODeering & Technology
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Md),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/I/01   Date: 24.11.2022

CIRCULAR

This is to inform all the I B. Tech ECE students that, the Department organizing a Value added course on **"Nano Technology & Nano Sensor"**. Department Advisory Committee has been identified **Dr. G. Saikumar, Associate Professor, Department of ECE**. As a resource person for this course. The course is scheduled to run for 06 days from 28-11-2022 to 03-12-2022. Participating students will be awarded Certificates of Course Completion. This course is organized by Department of Basic Sciences and Humanities.

Head of the Department
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Humanities & Sciences
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ABOUT THE COURSE

Nano technology and Nano sensors are broad, interdisciplinary areas that encompass (bio) chemistry, physics, biology, materials science, electrical engineering and more. The present course will provide a survey on some of the fundamental principles behind nanotechnology and nano materials and their vital role in novel sensing properties and applications. The course will discuss interesting interdisciplinary scientific and engineering knowledge at the nano scale to understand fundamental physical differences at the nano sensors. By the end of the course, students will understand the fabrication, characterization, and manipulation of nano materials, nano sensors, and how they can be exploited for new applications.

COURSE OBJECTIVES

- Participants will learn about the growing applications of nanotechnology in many areas and the basics of nanofabrication processes.
- The present course will provide a survey on some of the fundamental principles behind nanotechnology.
- The nano materials and their vital role in novel sensing properties and applications

EXPECTED OUTCOMES

By the end of this course, students will be able to:

- Students will able to apply their knowledge of nanotechnology and nano sensors to a topic of personal interest in this course.
- Students will understand the fabrication, characterization, and manipulation of nanomaterials, and how they can be exploited for new applications.
- The importance of nanoscale materials for sensing applications.
- Approaches used for characterizing sensors-based nanomaterials.
- Approaches used for tailoring nanomaterials for a specific sensing application.
- Metallic and semiconductor nanoparticles.
- Organic and inorganic nanotubes and nanowires.
- Optical, mechanical and chemical sensors based on nanomaterials.
- Hybrid nanomaterial-based sensors.

Resource Person
Dr.G.Saikumar
Assistant Professor
Department of ECE

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Dr.P.Sundeep
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:26th NOV,2022

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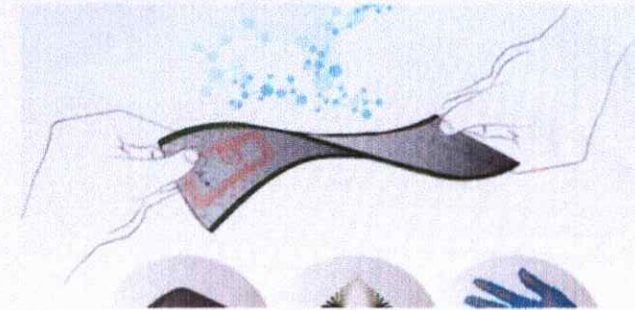
ADD-ON COURSE ON
"NANO TECHNOLOGY & NANO SENSOR"

28th NOV TO 03rd DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: NANO TECHNOLOGY & NANO SENSOR
VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. TECH I YEAR-I SEM ECE

Course objectives:

- Participants will learn about the growing applications of nanotechnology in many areas and the basics of nanofabrication processes.
- The present course will provide a survey on some of the fundamental principles behind nanotechnology.
- The nanomaterials and their vital role in novel sensing properties and applications.

Course Outcome:

By the end of this course, students will be able to:

- Students will able to apply their knowledge of nanotechnology and nano sensors to a topic of personal interest in this course.
- Students will understand the fabrication, characterization, and manipulation of nanomaterials, and how they can be exploited for new applications.
- The importance of nanoscale materials for sensing applications.
- Approaches used for characterizing sensors-based nanomaterials.
- Approaches used for tailoring nanomaterials for a specific sensing application.
- Metallic and semiconductor nanoparticles.

SYLLABUS

- ➢ Implications of nano size on physical and chemical properties
- ➢ Nanoscale Phenomenon
- ➢ Characterization and properties of nanomaterials
- ➢ Nano Sensors

REFERENCES BOOK:

1. Nanophysics and Nanotechnology, Edward L Wolf, Wiley-VCH Verlag.

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Ranga Reddy Dist, Telangana.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Villa, Abdullapur Met (Mdl),
HOD Ranga Reddy District.

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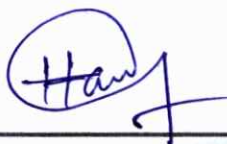www.aietg.ac.in email: principal.avanthi@gmail.com

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR – I SEM

SECTION: ECE A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Nano Technology & Nano Sensor	BREAK	Nano Technology & Nano Sensor	LUNCH	Nano Technology & Nano Sensor	BREAK	Nano Technology & Nano Sensor
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: NANO TECHNOLOGY & NANO SENSOR

ACADEMIC YEAR: 2022-23   **Date: 24.11.2022**

B.TECH. I YEAR-I SEM ECE   **DAY WISE SCHEDULE SHEET**

S.I No	DAY	Topic	Timings	Duration
1	28.11.2022	2D, 1D, OD, Quantum size effect large surface to volume ratio, Physical Chemistry of solid surfaces	10.00 AM to 04.00 PM	5 hour
2	29.11.2022	chemical potential, Fundamentals of nucleation and growth	10.00 AM to 04.00 PM	5 hour
3	30.11.2022	Nano particles, Nano-clusters, nano tubes, nano wires and nano dots quantum dots, quantum wires and quantum wells	10.00 AM to 04.00 PM	5 hour
4	01.12.2022	confinement of electrons energy quantization semiconductor nanocrystals, carbon nanotubes, quantum wells.	10.00 AM to 04.00 PM	5 hour
5	02.12.2022	Small angle X-ray scattering (SAXS), Scanning electron microscopy (SEM), Transmission electron microscopy (TEM), Scanning probe microscopy (SPM).	10.00 AM to 04.00 PM	5 hour
6	03.12.2022	Metal nanoparticle-based Sensors, Quantum Dot, Nanowire-based Sensors Carbon Nanotubes-based Sensors Sensors Based on Nanostructures of Metal Oxide, Mass-Sensitive Nano sensors	10.00 AM to 04.00 PM	5 hours
			Total – 30 hours	

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VALUE ADDED COURSE NAME: NANO TECHNOLOGY & NANO SENSOR

B.TECH I YEAR-I SEM ECE   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A0401	Ashwin Sharma
2	22Q61A0402	Bachu Rithish
3	22Q61A0403	Bairi Kavya
4	22Q61A0404	Barkam Vishnu
5	22Q61A0405	Bheemanaboina Ganesh
6	22Q61A0406	Bhukya Anil Kumar
7	22Q61A0407	Boddu Sravani
8	22Q61A0408	Boga Abhishek
9	22Q61A0409	Burra Hemanth Goud
10	22Q61A0410	Chatari Poojitha
11	22Q61A0411	Chenamoni Chandu
12	22Q61A0412	Cheruku Bala Raju
13	22Q61A0413	Chinnabeera Praneetha
14	22Q61A0414	Chinnammolla Vijaya Laxmi
15	22Q61A0415	Chinthakunta Dinesh Reddy
16	22Q61A0416	Chinthala Ganesh
17	22Q61A0417	Chouki Srilatha
18	22Q61A0418	DhamaMallishwari
19	22Q61A0419	Dhanavath Rakesh
20	22Q61A0420	Doneti Varsha Sri
21	22Q61A0421	Donthagoni Shiva Karthik
22	22Q61A0422	Eslavath Siddhu
23	22Q61A0423	G Somasekhar
24	22Q61A0424	Gottam Srikanth Reddy
25	22Q61A0425	Gunda Revanth
26	22Q61A0426	Gundlapally Pavani
27	22Q61A0427	Hanumanthula Nikshay
28	22Q61A0428	Jadav Sathish
29	22Q61A0429	Jakkula Saritha
30	22Q61A0430	Jatangi Prashanth
31	22Q61A0431	Jinukala Raj Kumar
32	22Q61A0432	K Vinod Kumar
33	22Q61A0433	Kamtam Sucharitha
34	22Q61A0434	Kandipati Nandini

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35	22Q61A0435	Kanuku Kartheek
36	22Q61A0436	Kasha Mamatha
37	22Q61A0437	KatepalliThirumalesh
38	22Q61A0438	Katipally Sahith Reddy
39	22Q61A0439	Keerthi Shiva Prasad
40	22Q61A0440	Kinnera Nithin
41	22Q61A0441	Kolavennu Ananth Sai
42	22Q61A0442	Kotha Kota Mahesh
43	22Q61A0443	Bailadugu Sai Rama Krishna
44	22Q61A0444	Boddupalli Hemanth Kumar
45	22Q61A0445	Boppu Pavan
46	22Q61A0446	Chava Vamshi
47	22Q61A0447	Chetti Harish Goud
48	22Q61A0448	Chinnolla Vineel
49	22Q61A0449	Chitteti Keerthi Bhargavi
50	22Q61A0450	Gaddam Saharika
51	22Q61A0451	Gopishetti Nikitha
52	22Q61A0452	Gorla Pranay
53	22Q61A0453	Gurram Pavani
54	22Q61A0454	Kandati Vinay Reddy
55	22Q61A0455	Madastu Keerthi
56	22Q61A0456	Maddineni Venkata Ganesh
57	22Q61A0457	Mamilla Arun Teja
58	22Q61A0458	Md Khaleel
59	22Q61A0459	Mirampally Nikesh
60	22Q61A0460	Miryala Srilekha
61	22Q61A0461	Kothoor Aravind
62	22Q61A0462	Kummari Vishnu Vardhan
63	22Q61A0463	Kurelly Bindu
64	22Q61A0464	Lavudya Gouse
65	22Q61A0465	Lavudya Shailaja
66	22Q61A0466	Machanapally Srikanth
67	22Q61A0467	Mandadi Shirisha
68	22Q61A0468	Mantipalli Mahesh
69	22Q61A0469	Muthunoori Ajay Kumar
70	22Q61A0470	PalleboinaSumonu
71	22Q61A0471	Pasula Rithusha
72	22Q61A0472	Peddolla Ankitha
73	22Q61A0473	Ponnam Siddhartha
74	22Q61A0474	Ravula Sai Kiran

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75	22Q61A0475	Sama Kaarthi Reddy
76	22Q61A0476	Saram Abhilash
77	22Q61A0477	Sarigari Sindhu
78	22Q61A0478	Seeloju Lakshmi Priya Dharshini
79	22Q61A0479	Sunnam Bhanuprasad
80	22Q61A0480	TenatiYogananda Sai
81	22Q61A0481	Thakkuri Akshaya
82	22Q61A0482	Thokala Ravi Teja
83	22Q61A0483	Vangala Mahesh

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The Students of I Year B.Tech Certificate Program attending" Nano Technology & Nano Sensor" by Resource person "Dr.G.Saikumar Associate Professor"

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME:NANO TECHNOLOGY & NANO SENSOR

B.TECH I YEAR-I SEM ECE   **A.Y 2022-2023**   **Date: 24-11-2022**

DAYWISE ATTANDANCE SHEET

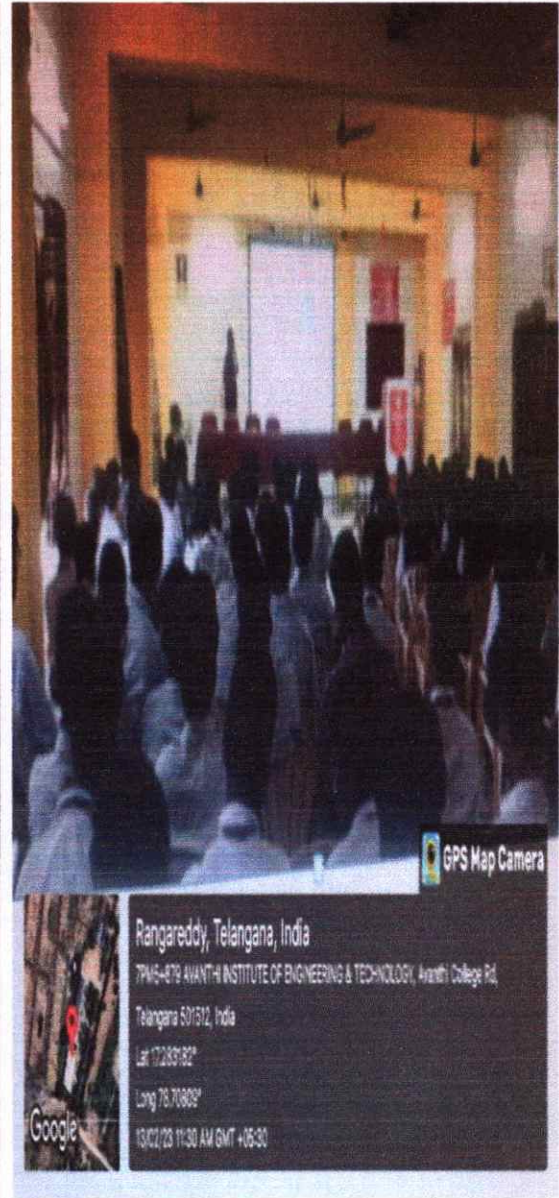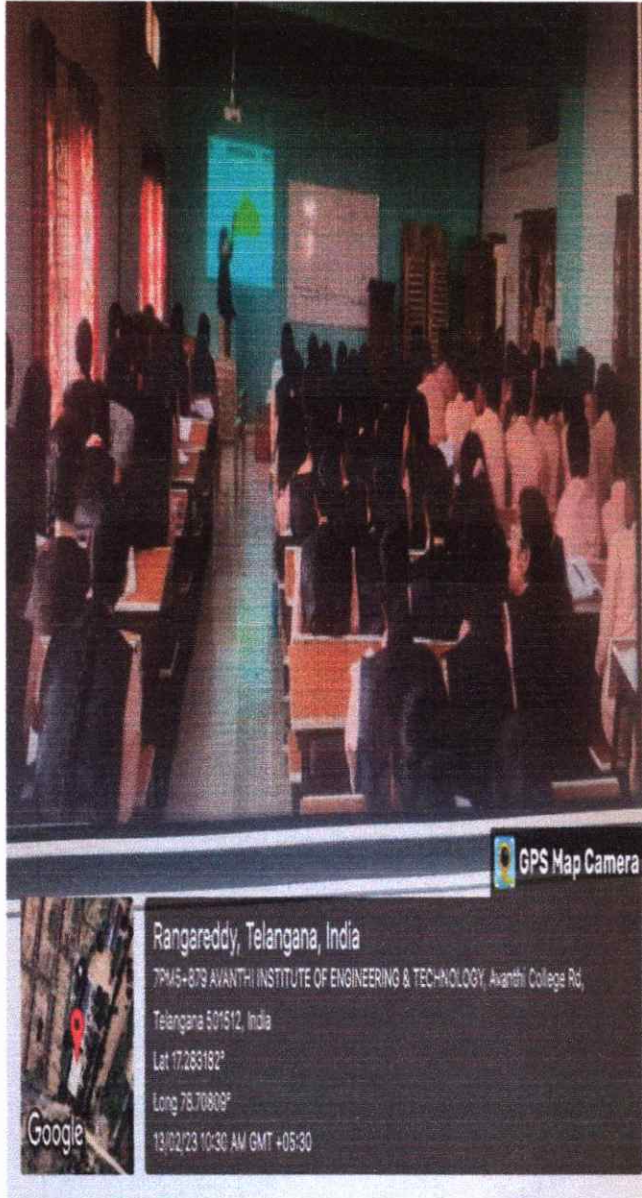| S.No	Roll Number	Name of The Student	28.11.22	29.11.22	30.11.22	01.12.22	02.12.22	03.12.22
1	22Q61A0401	Ashwin Sharma	A	A	A	A	A	A
2	22Q61A0402	Bachu Rithish	P	P	P	P	P	P
3	22Q61A0403	Bairi Kavya	P	P	P	P	P	P
4	22Q61A0404	Barkam Vishnu	P	P	P	P	P	P
5	22Q61A0405	Bheemanaboina Ganesh	P	P	P	P	P	P
6	22Q61A0406	Bhukya Anil Kumar	P	P	P	P	P	P
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8	22Q61A0408	Boga Abhishek	P	P	P	P	P	P
9	22Q61A0409	Burra Hemanth Goud	P	P	P	P	P	P
10	22Q61A0410	Chatari Poojitha	P	P	P	P	P	P
11	22Q61A0411	Chenamoni Chandu	P	P	P	P	P	P
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14	22Q61A0414	Chinnammolla Vijaya Laxmi	P	P	P	P	P	P
15	22Q61A0415	Chinthakunta Dinesh Reddy	P	P	P	P	P	P
16	22Q61A0416	Chinthala Ganesh	P	P	P	P	P	P
17	22Q61A0417	Chouki Srilatha	P	P	P	P	P	P
18	22Q61A0418	DhamaMallishwari	P	P	P	P	P	P
19	22Q61A0419	Dhanavath Rakesh	P	P	P	P	P	P
20	22Q61A0420	Doneti Varsha Sri	A	A	A	A	A	A
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22	22Q61A0422	Eslavath Siddhu	P	P	P	P	P	P
23	22Q61A0423	G Somasekhar	P	P	P	P	P	P
24	22Q61A0424	Gottam Srikanth Reddy	P	P	P	P	P	P
25	22Q61A0425	Gunda Revanth	P	P	P	P	P	P
26	22Q61A0426	Gundlapally Pavani	P	P	P	P	P	P
27	22Q61A0427	Hanumanthula Nikshay	P	P	P	P	P	P
28	22Q61A0428	Jadav Sathish	P	P	P	P	P	P
29	22Q61A0429	Jakkula Saritha	P	P	P	P	P	P
30	22Q61A0430	Jatangi Prashanth	P	P	P	P	P	P
31	22Q61A0431	Jinukala Raj Kumar	P	P	P	P	P	P
32	22Q61A0432	K Vinod Kumar	P	P	P	P	P	P
33	22Q61A0433	Kamtam Sucharitha	P	P	P	P	P	P
34	22Q61A0434	Kandipati Nandini	P	P	P	P	P	P
35	22Q61A0435	Kanuku Kartheek	P	P	P	P	P	P
36	22Q61A0436	Kasha Mamatha	P	P	P	P	P	P

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37	22Q61A0437	KatepalliThirumalesh	P	P	P	P	P	P
38	22Q61A0438	Katipally Sahith Reddy	P	P	P	P	P	P
39	22Q61A0439	Keerthi Shiva Prasad	P	P	P	P	P	P
40	22Q61A0440	Kinnera Nithin	A	A	A	A	A	A
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49	22Q61A0449	Chitteti Keerthi Bhargavi	P	P	P	P	P	P
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54	22Q61A0454	Kandati Vinay Reddy	P	P	P	P	P	P
55	22Q61A0455	Madastu Keerthi	P	P	P	P	P	P
56	22Q61A0456	Maddineni Venkata Ganesh	P	P	P	P	P	P
57	22Q61A0457	Mamilla Arun Teja	P	P	P	P	P	P
58	22Q61A0458	Md Khaleel	P	P	P	P	P	P
59	22Q61A0459	Mirampally Nikesh	P	P	P	P	P	P
60	22Q61A0460	Miryala Srilekha	P	P	P	P	P	P
61	22Q61A0461	Kothoor Aravind	P	P	P	P	P	P
62	22Q61A0462	Kummari Vishnu Vardhan	P	P	P	P	P	P
63	22Q61A0463	Kurelly Bindu	P	P	P	P	P	P
64	22Q61A0464	Lavudya Gouse	P	P	P	P	P	P
65	22Q61A0465	Lavudya Shailaja	A	A	A	A	A	A
66	22Q61A0466	Machanapally Srikanth	P	P	P	P	P	P
67	22Q61A0467	Mandadi Shirisha	P	P	P	P	P	P
68	22Q61A0468	Mantipalli Mahesh	P	P	P	P	P	P
69	22Q61A0469	Muthunoori Ajay Kumar	P	P	P	P	P	P
70	22Q61A0470	PalleboinaSumonu	P	P	P	P	P	P
71	22Q61A0471	Pasula Rithusha	P	P	P	P	P	P
72	22Q61A0472	Peddolla Ankitha	P	P	P	P	P	P
73	22Q61A0473	Ponnam Siddhartha	P	P	P	P	P	P
74	22Q61A0474	Ravula Sai Kiran	P	P	P	P	P	P
75	22Q61A0475	Sama Kaarthi Reddy	P	P	P	P	P	P
76	22Q61A0476	Saram Abhilash	P	P	P	P	P	P
77	22Q61A0477	Sarigari Sindhu	P	P	P	P	P	P
78	22Q61A0478	Seeloju Lakshmi Priya Dharshini	P	P	P	P	P	P
79	22Q61A0479	Sunnam Bhanuprasad	P	P	P	P	P	P
80	22Q61A0480	TenatiYogananda Sai	A	A	A	A	A	A

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81	22Q61A0481	Thakkuri Akshaya	P	P	P	P	P	P
82	22Q61A0482	Thokala Ravi Teja	A	A	A	A	A	A
83	22Q61A0483	Vangala Mahesh	P	P	P	P	P	P

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VALUE ADDED COURSE NAME: **NANO TECHNOLOGY & NANO SENSOR**

B.TECH I YEAR-I SEM ECE   **A.Y 2022-2023**   **Date: 28-11-2022 to 03-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A0401	Ashwin Sharma	0	0
2	22Q61A0402	Bachu Rithish	30	100
3	22Q61A0403	Bairi Kavya	30	100
4	22Q61A0404	Barkam Vishnu	30	100
5	22Q61A0405	Bheemanaboina Ganesh	30	100
6	22Q61A0406	Bhukya Anil Kumar	30	100
7	22Q61A0407	Boddu Sravani	30	100
8	22Q61A0408	Boga Abhishek	30	100
9	22Q61A0409	Burra Hemanth Goud	30	100
10	22Q61A0410	Chatari Poojitha	30	100
11	22Q61A0411	Chenamoni Chandu	30	100
12	22Q61A0412	Cheruku Bala Raju	30	100
13	22Q61A0413	Chinnabeera Praneetha	30	100
14	22Q61A0414	Chinnammolla Vijaya Laxmi	30	100
15	22Q61A0415	Chinthakunta Dinesh Reddy	30	100
16	22Q61A0416	Chinthala Ganesh	30	100
17	22Q61A0417	Chouki Srilatha	30	100
18	22Q61A0418	DhamaMallishwari	30	100
19	22Q61A0419	Dhanavath Rakesh	30	100
20	22Q61A0420	Doneti Varsha Sri	0	0
21	22Q61A0421	Donthagoni Shiva Karthik	30	100
22	22Q61A0422	Eslavath Siddhu	30	100
23	22Q61A0423	G Somasekhar	30	100
24	22Q61A0424	Gottam Srikanth Reddy	30	100
25	22Q61A0425	Gunda Revanth	30	100
26	22Q61A0426	Gundlapally Pavani	30	100
27	22Q61A0427	Hanumanthula Nikshay	30	100
28	22Q61A0428	Jadav Sathish	30	100
29	22Q61A0429	Jakkula Saritha	30	100
30	22Q61A0430	Jatangi Prashanth	30	100
31	22Q61A0431	Jinukala Raj Kumar	30	100
32	22Q61A0432	K Vinod Kumar	30	100
33	22Q61A0433	Kamtam Sucharitha	30	100

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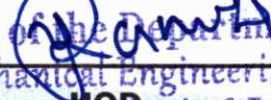Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
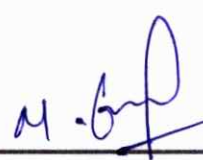
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34	22Q61A0434	Kandipati Nandini	30	100
35	22Q61A0435	Kanuku Kartheek	30	100
36	22Q61A0436	Kasha Mamatha	30	100
37	22Q61A0437	KatepalliThirumalesh	30	100
38	22Q61A0438	Katipally Sahith Reddy	30	100
39	22Q61A0439	Keerthi Shiva Prasad	30	100
40	22Q61A0440	Kinnera Nithin	0	0
41	22Q61A0441	Kolavennu Ananth Sai	30	100
42	22Q61A0442	Kotha Kota Mahesh	30	100
43	22Q61A0443	Bailadugu Sai Rama Krishna	30	100
44	22Q61A0444	Boddupalli Hemanth Kumar	30	100
45	22Q61A0445	Boppu Pavan	30	100
46	22Q61A0446	Chava Vamshi	30	100
47	22Q61A0447	Chetti Harish Goud	30	100
48	22Q61A0448	Chinnolla Vineel	30	100
49	22Q61A0449	Chitteti Keerthi Bhargavi	30	100
50	22Q61A0450	Gaddam Saharika	30	100
51	22Q61A0451	Gopishetti Nikitha	30	100
52	22Q61A0452	Gorla Pranay	30	100
53	22Q61A0453	Gurram Pavani	30	100
54	22Q61A0454	Kandati Vinay Reddy	30	100
55	22Q61A0455	Madastu Keerthi	30	100
56	22Q61A0456	Maddineni Venkata Ganesh	30	100
57	22Q61A0457	Mamilla Arun Teja	30	100
58	22Q61A0458	Md Khaleel	30	100
59	22Q61A0459	Mirampally Nikesh	30	100
60	22Q61A0460	Miryala Srilekha	30	100
61	22Q61A0461	Kothoor Aravind	30	100
62	22Q61A0462	Kummari Vishnu Vardhan	30	100
63	22Q61A0463	Kurelly Bindu	30	100
64	22Q61A0464	Lavudya Gouse	30	100
65	22Q61A0465	Lavudya Shailaja	0	0
66	22Q61A0466	Machanapally Srikanth	30	100
67	22Q61A0467	Mandadi Shirisha	30	100
68	22Q61A0468	Mantipalli Mahesh	30	100
69	22Q61A0469	Muthunoori Ajay Kumar	30	100
70	22Q61A0470	PalleboinaSumonu	30	100
71	22Q61A0471	Pasula Rithusha	30	100
72	22Q61A0472	Peddolla Ankitha	30	100
73	22Q61A0473	Ponnam Siddhartha	30	100

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74	22Q61A0474	Ravula Sai Kiran	30	100
75	22Q61A0475	Sama Kaarthi Reddy	30	100
76	22Q61A0476	Saram Abhilash	30	100
77	22Q61A0477	Sarigari Sindhu	30	100
78	22Q61A0478	Seeloju Lakshmi Priya Dharshini	30	100
79	22Q61A0479	Sunnam Bhanuprasad	30	100
80	22Q61A0480	TenatiYogananda Sai	0	0
81	22Q61A0481	Thakkuri Akshaya	30	100
82	22Q61A0482	Thokala Ravi Teja	0	0
83	22Q61A0483	Vangala Mahesh	30	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 10.12.2022

COURSE REPORT

Name of The Value added course: Nano Technology & Nano Sensor

Day/Duration: 06 Days (30Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr. G.Saikumar, Associate Professor.

Name of the Coordinator: Dr.P.Sundeep, Assistant Professor

Number of the Participants: 77

Topics covered: The following topics covered in this program

      1 2D, 1D, OD, Quantum size effect large.

      2 chemical potentials, Fundamentals.

      3 Nanoparticles, Nano-clusters, nanotubes.

      4 Small angle X-ray scattering.

      5 Metal nanoparticle-based Sensors.

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Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.PRANAY** Bearing roll number **22Q61A0452** from the department of Basic Sciences and Humanities completed the value added course on **"NANO TECHNOLOGY & NANO SENSOR"** During the year **2022-2023**.

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Head of The Department

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.RITHISH** Bearing roll number **22Q61A0402** from the department of Basic Sciences and Humanities completed the value added course on **"NANO TECHNOLOGY & NANO SENSOR"** During the year **2022-2023**.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/I/02   Date: 08.12.2022

CIRCULAR

This is to inform all the I B. Tech EEE&MECH students that, the Department organizing as Value added course on "**Quantum Mechanics**". Department Advisory Committee has been identified **Dr.Y.Ramesh Babu, Associate Professor, Department of Mech** As a resource person for this course. The course is scheduled to run for 06 days from 12-12-2022 to 17-12-2022.Participating students will be awarded Certificates of Course Completion. This course is organized by Department of Basic Sciences and Humanities.

HOD

Head of the Department
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Copy to:

The principal, for kind information

IQAC

Notice Board

I.B. Tech EEE&MECH students

Dept. file

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ABOUT THE COURSE

Quantum mechanics is a fundamental theory in physics that describes the behavior of nature at the scale of atoms and subatomic particles. It is the foundation of all quantum physics including quantum chemistry, quantum field theory, quantum technology, and science. Classical, the collection of theories that existed before the advent of quantum mechanics, describes many aspects of nature at an ordinary (macroscopic) scale, but is not sufficient for describing them at small (atomic and subatomic) scales.

COURSE OBJECTIVES

- Utilize the postulates of quantum mechanics to describe quantum systems
- Use operator techniques to solve relevant problems.
- Analyze the time dependence of quantum systems using the Heisenberg picture.
- Use the properties of angular momentum and spin to describe quantum systems
- Understand the interaction of the electromagnetic field with charged quantum mechanical.

EXPECTED OUTCOMES

- Describe the main features of the historical development of quantum physics.
- discuss and explain the key concepts and principles of quantum physics
- Solve the Schrödinger equation for standard systems with both analytical and numerical methods, and then interpret the results.
- Explain the physical states of elementary particles and atoms in different systems based on quantum mechanics.
- Use commutation relations to explain the outcome of measurements.
- work independently with key questions and problems in quantum physics

Resource Person	Co-ordinator
Dr.Y.Ramesh Babu	Mr.K.Nagaraju
Assistant Professor	Assistant Professor
Department of MECH	Department of H&S

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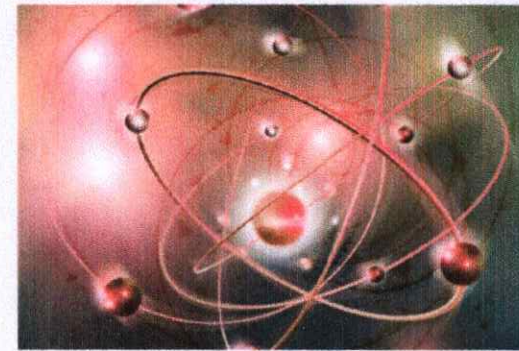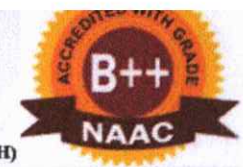
ADD-ON COURSE ON

"QUANTUM MECHANICS"

12th DEC TO 17th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **QUANTUM MECHANICS**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B.TECH I YEAR-I SEM EEE&MECH

COURSE OBJECTIVES:

1. Utilize the postulates of quantum mechanics to describe quantum systems
2. Use operator techniques to solve relevant problems.
3. Analyze the time dependence of quantum systems using the Heisenberg picture.
4. Use the properties of angular momentum and spin to describe quantum systems
5. Understand the interaction of the electromagnetic field with charged quantum mechanical.

COURSE OUTCOME:

1. Describe the main features of the historical development of quantum physics.
2. discuss and explain the key concepts and principles of quantum physics
3. Solve the Schrödinger equation for standard systems with both analytical and numerical methods, and then interpret the results.
4. Explain the physical states of elementary particles and atoms in different systems based on quantum mechanics.
5. Use commutation relations to explain the outcome of measurements.
6. work independently with key questions and problems in quantum physics

UNIT 1: introduction; experimental basis and Photon polarization: example of a state vector Postulates of quantum mechanics.

UNIT 2: Schrodinger's equation and wave functions Operators, Eigen functions, and Eigen values One-dimensional potentials One-dimensional potentials Harmonic oscillator (based on wave functions).

UNIT 3: General structure of wave mechanics Time dependence of operators (Heisenberg picture) Operator methods Harmonic oscillator (based on operator techniques) N-particle systems Schrodinger Equation in three dimensions Spherical symmetry and angular momentum Angular momentum The radial equation

UNIT 4: Hydrogen atom Interaction with classical EM fields Interaction with classical EM fields Operators and spin of the electron Addition of angular moment Time-independent perturbation theory

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UNIT 5: Corrections to the hydrogen atom Structure of atoms and the periodic table Time-dependent perturbation theory Applications of time-dependent perturbation theory Simplified quantization of the EM field (photons)

TEXT BOOKS:

1. Quantum Physics by Stephen Gasiorowicz
2. Quantum Mechanics by Gordon Baym

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR –I SEM ECE

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Quantum Mechanics	BREAK	Quantum Mechanics	LUNCH	Quantum Mechanics	BREAK	Quantum Mechanics
TUE							
WED							
THU							
FRI							
SAT							

CLASS: I YEAR –I SEM MECH

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Quantum Mechanics	BREAK	Quantum Mechanics	LUNCH	Quantum Mechanics	BREAK	Quantum Mechanics
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: QUANTUM MECHANICS

ACADEMIC YEAR: 2022-23

Date: 08.12.2022

B.TECH I YEAR-I SEM EEE&MECH

DAY WISE SCHEDULE SHEET

S.I No	DAY	Topic	Timings	Duration
1	12.12.2022	Introduction; experimental basis and Photon polarization: example of a state vector Postulates of quantum mechanics	10.00 AM to 04.00 PM	5 hour
2	13.12.2022	Schrodinger's equation and wave functions Operators, Eigen functions, and Eigen values One-dimensional potentials	10.00 AM to 04.00 PM	5 hour
3	14.12.2022	General structure of wave mechanics Time dependence of operators	10.00 AM to 04.00 PM	5 hour
4	15.12.2022	N-particle systems Schrodinger Equation in three dimensions Spherical symmetry	10.00 AM to 04.00 PM	5 hour
5	16.12.2022	Hydrogen atom Interaction with classical EM fields Interaction with classical.	10.00 AM to 04.00 PM	5 hour
6	17.12.2022	Corrections to the hydrogen atom Structure of atoms and the periodic table	10.00 AM to 04.00 PM	5 hour
			Total – 30 hours	

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VALUE ADDED COURSE NAME: **QUANTUM MECHANICS**

B.TECH I YEAR-I SEM ECE, EEE&MECH   ENROLLED STUDENTS LIST

A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A0484	Varakala Prashanth
2	22Q61A0485	Mohd Altaf Hussain
3	22Q61A0486	Orpula Santhosh
4	22Q61A0487	Palla Venkata Narayana
5	22Q61A0488	Pasula Karthik
6	22Q61A0489	Pathipakala Rohith
7	22Q61A0490	Podhila Thirupathi Rao
8	22Q61A0491	Ponnam Akshay
9	22Q61A0492	Rangu Shiva
10	22Q61A0493	Veeramusti Bharath
11	22Q61A0494	Velma Srija
12	22Q61A0495	Bandi Vinakara Ashok
13	22Q61A0496	Rupani Dinesh
14	22Q61A0201	Manupati Vamshi
15	22Q61A0202	A Lakshmi Sowjanya
16	22Q61A0203	Gullipilli.Narendra
17	22Q61A0204	U.Jeevan Sai
18	22Q61A0205	Badireddi.Yamini
19	22Q61A0206	Narne.Naga Lakshmi
20	22Q61A0207	Md JubiaFathimunnisa Begum
21	22Q61A0208	Vaiyimdi.SaiSesi Kiran
22	22Q61A0209	K.Praveen Kumar
23	22Q61A0210	Reddy Bocha Harshavardhan
24	22Q61A0211	Shaik.ChinnaMadeena
25	22Q61A0212	S.Md.Shaheed
26	22Q61A0213	Challa.Chinnmayee
27	22Q61A0214	Namburi.Ravi Prakash
28	22Q61A0215	Gudapati.Venkata Ratna Sai
29	22Q61A0216	Pappala.Hemanth Kumar
30	22Q61A0217	Manasa.M
31	22Q61A0218	B Sushanthika
32	22Q61A0219	.Nayana D.R
33	22Q61A0220	Katru.Akhila
34	22Q61A0221	S.Kalyani

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35	22Q61A0222	P.V.Annpurna
36	22Q61A0223	Gorapalli Varshini
37	22Q61A0224	Nalamalapu.Nithin Kumar
38	22Q61A0225	Makke.Renuka Kamala
39	22Q61A0226	Savidiboina.Manohar
40	22Q61A0227	Cherukuri Rohith Sai
41	22Q61A0228	G.Koti Reddy
42	22Q61A0229	TheedaManiratnam
43	22Q61A0230	Arugula.Naga Poojitha
44	22Q61A0231	Jayanthi Srikar
45	22Q61A0232	Guttula Pranay
46	22Q61A0233	Erla Navya
47	22Q61A0234	M.Ashok
48	22Q61A0235	S.Girish
49	22Q61A0236	S.Dhanush Kumar
50	22Q61A0237	Peeta Pavan Kumar
51	22Q61A0238	Asu Ram Vinayaka Sai Krishna
52	22Q61A0301	P.Lakshmivarshitha
53	22Q61A0302	P.Santosh Kumar
54	22Q61A0303	Kottakota Harshitha
55	22Q61A0304	R.Jahnavi
56	22Q61A0305	K.Varshini
57	22Q61A0306	V.Ghayathri
58	22Q61A0307	Chereddy.Naresh Reddy
59	22Q61A0308	Mutchi.Chittibabu
60	22Q61A0309	Yadla Ajay Kumar
61	22Q61A0310	JulakantiKrishnavenamma
62	22Q61A0311	Reddy Rajesh
63	22Q61A0312	Dara Vamsi Krishna
64	22Q61A0313	Killada Sai
65	22Q61A0314	Nayani Harsha Vardhan
66	22Q61A0315	Chilaka Naga Venkata Neha
67	22Q61A0316	Reddy Ravi Teja
68	22Q61A0317	K.Ashrith Kumar
69	22Q61A0318	M.Yashwanth
70	22Q61A0319	E.SriChakridhar
71	22Q61A0320	PatekeShanmukkha Kumar
72	22Q61A0321	Kadali.Goutham Charan
73	22Q61A0322	Verabathina.Naga Kavya
74	22Q61A0323	Thunga.Sai Kiran

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75	22Q61A0324	K.Mohammad Rayees Nawaz
76	22Q61A0325	Peta.Prasanthi
77	22Q61A0326	Arja.Manu Babu
78	22Q61A0327	Jami.Rohitha
79	22Q61A0328	Maguluri Satyanarayana
80	22Q61A0329	Kunuku Ganesh
81	22Q61A0330	Chinni Yuvakiran
82	22Q61A0331	B.Kesava Rao
83	22Q61A0332	Hardeep Singh Kalera

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Head of **HOD** Departm
Humanities & Scienc
Avanthi Institute of Engineering & Te
Gunthapally (VIII), Abdullapur Met
Ranga Reddy District.

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The students of I-Year B.Tech certificate program attending "Quantum Mechanics" by the resource person "Mr. Y. RameshBabu"

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HOD

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Humanities & Sciences
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME:QUANTUM MECHANICS

B.TECH I YEAR-I SEM ECE, EEE&MECH   A.Y 2022-2023   Date: 08-12-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	12.12.22	13.12.22	14.12.22	15.12.22	16.12.22	17.12.22
1	22Q61A0484	Varakala Prashanth	P	P	P	P	P	P
2	22Q61A0485	Mohd Altaf Hussain	P	P	P	P	P	P
3	22Q61A0486	Orpula Santhosh	P	P	P	P	P	P
4	22Q61A0487	Palla Venkata Narayana	P	P	P	P	P	P
5	22Q61A0488	Pasula Karthik	P	P	P	P	P	P
6	22Q61A0489	Pathipakala Rohith	P	P	P	P	P	P
7	22Q61A0490	Podhila Thirupathi Rao	P	P	P	P	P	P
8	22Q61A0491	Ponnam Akshay	P	P	P	P	P	P
9	22Q61A0492	Rangu Shiva	P	P	P	P	P	P
10	22Q61A0493	Veeramusti Bharath	A	A	A	A	A	A
11	22Q61A0494	Velma Srija	P	P	P	P	P	P
12	22Q61A0495	Bandi Vinakara Ashok	P	P	P	P	P	P
13	22Q61A0496	Rupani Dinesh	P	P	P	P	P	P
14	22Q61A0201	Manupati Vamshi	P	P	P	P	P	P
15	22Q61A0202	A Lakshmi Sowjanya	P	P	P	P	P	P
16	22Q61A0203	Gullipilli.Narendra	P	P	P	P	P	P
17	22Q61A0204	U.Jeevan Sai	P	P	P	P	P	P
18	22Q61A0205	Badireddi.Yamini	A	A	A	A	A	A
19	22Q61A0206	Narne.Naga Lakshmi	P	P	P	P	P	P
20	22Q61A0207	Md JubiaFathimunnisa Begum	P	P	P	P	P	P
21	22Q61A0208	Vaiyimdi.SaiSesi Kiran	P	P	P	P	P	P
22	22Q61A0209	K.Praveen Kumar	A	A	A	A	A	A
23	22Q61A0210	Reddy Bocha Harshavardhan	P	P	P	P	P	P
24	22Q61A0211	Shaik.ChinnaMadeena	P	P	P	P	P	P
25	22Q61A0212	S.Md.Shaheed	P	P	P	P	P	P
26	22Q61A0213	Challa.Chinnmayee	P	P	P	P	P	P
27	22Q61A0214	Namburi.Ravi Prakash	P	P	P	P	P	P
28	22Q61A0215	Gudapati.Venkata Ratna Sai	P	P	P	P	P	P
29	22Q61A0216	Pappala.Hemanth Kumar	P	P	P	P	P	P
30	22Q61A0217	Manasa.M	P	P	P	P	P	P
31	22Q61A0218	B Sushanthika	P	P	P	P	P	P
32	22Q61A0219	.Nayana D.R	P	P	P	P	P	P
33	22Q61A0220	Katru.Akhila	P	P	P	P	P	P
34	22Q61A0221	S.Kalyani	P	P	P	P	P	P
35	22Q61A0222	P.V.Annpurna	P	P	P	P	P	P
36	22Q61A0223	Gorapalli Varshini	A	A	A	A	A	A
37	22Q61A0224	Nalamalapu.Nithin Kumar	P	P	P	P	P	P

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38	22Q61A0225	Makke.Renuka Kamala	P	P	P	P	P	P
39	22Q61A0226	Savidiboina.Manohar	P	P	P	P	P	P
40	22Q61A0227	Cherukuri Rohith Sai	P	P	P	P	P	P
41	22Q61A0228	G.Koti Reddy	P	P	P	P	P	P
42	22Q61A0229	TheedaManiratnam	P	P	P	P	P	P
43	22Q61A0230	Arugula.Naga Poojitha	P	P	P	P	P	P
44	22Q61A0231	Jayanthi Srikar	P	P	P	P	P	P
45	22Q61A0232	Guttula Pranay	P	P	P	P	P	P
46	22Q61A0233	Erla Navya	P	P	P	P	P	P
47	22Q61A0234	M.Ashok	A	A	A	A	A	A
48	22Q61A0235	S.Girish	P	P	P	P	P	P
49	22Q61A0236	S.Dhanush Kumar	P	P	P	P	P	P
50	22Q61A0237	Peeta Pavan Kumar	P	P	P	P	P	P
51	22Q61A0238	Asu Ram Vinayaka Sai Krishna	P	P	P	P	P	P
52	22Q61A0301	P.Lakshmivarshitha	P	P	P	P	P	P
53	22Q61A0302	P.Santosh Kumar	P	P	P	P	P	P
54	22Q61A0303	Kottakota Harshitha	P	P	P	P	P	P
55	22Q61A0304	R.Jahnavi	P	P	P	P	P	P
56	22Q61A0305	K.Varshini	A	A	A	A	A	A
57	22Q61A0306	V.Ghayathri	P	P	P	P	P	P
58	22Q61A0307	Chereddy.Naresh Reddy	P	P	P	P	P	P
59	22Q61A0308	Mutchi.Chittibabu	P	P	P	P	P	P
60	22Q61A0309	Yadla Ajay Kumar	P	P	P	P	P	P
61	22Q61A0310	JulakantiKrishnavenamma	P	P	P	P	P	P
62	22Q61A0311	Reddy Rajesh	P	P	P	P	P	P
63	22Q61A0312	Dara Vamsi Krishna	P	P	P	P	P	P
64	22Q61A0313	Killada Sai	P	P	P	P	P	P
65	22Q61A0314	Nayani Harsha Vardhan	P	P	P	P	P	P
66	22Q61A0315	Chilaka Naga Venkata Neha	A	A	A	A	A	A
67	22Q61A0316	Reddy Ravi Teja	P	P	P	P	P	P
68	22Q61A0317	K.Ashrith Kumar	P	P	P	P	P	P
69	22Q61A0318	M.Yashwanth	P	P	P	P	P	P
70	22Q61A0319	E.SriChakridhar	P	P	P	P	P	P
71	22Q61A0320	PatekeShanmukkha Kumar	P	P	P	P	P	P
72	22Q61A0321	Kadali.Goutham Charan	P	P	P	P	P	P
73	22Q61A0322	Verabathina.Naga Kavya	P	P	P	P	P	P
74	22Q61A0323	Thunga.Sai Kiran	P	P	P	P	P	P
75	22Q61A0324	K.Mohammad Rayees Nawaz	P	P	P	P	P	P
76	22Q61A0325	Peta.Prasanthi	P	P	P	P	P	P
77	22Q61A0326	Arja.Manu Babu	P	P	P	P	P	P
78	22Q61A0327	Jami.Rohitha	P	P	P	P	P	P
79	22Q61A0328	Maguluri Satyanarayana	P	P	P	P	P	P
80	22Q61A0329	Kunuku Ganesh	P	P	P	P	P	P
81	22Q61A0330	Chinni Yuvakiran	P	P	P	P	P	P

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82	22Q61A0331	B.Kesava Rao	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
			P	P	P	P	P	P
83	22Q61A0332	Hardeep Singh Kalera	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: QUANTUM MECHANICS

B.TECH I YEAR-I SEM ECE, EEE&MECH   **Date: 12-12-2022 to 17-12-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A0484	Varakala Prashanth	30	100
2	22Q61A0485	Mohd Altaf Hussain	30	100
3	22Q61A0486	Orpula Santhosh	30	100
4	22Q61A0487	Palla Venkata Narayana	30	100
5	22Q61A0488	Pasula Karthik	30	100
6	22Q61A0489	Pathipakala Rohith	30	100
7	22Q61A0490	Podhila Thirupathi Rao	30	100
8	22Q61A0491	Ponnam Akshay	30	100
9	22Q61A0492	Rangu Shiva	30	100
10	22Q61A0493	Veeramusti Bharath	0	0
11	22Q61A0494	Velma Srija	30	100
12	22Q61A0495	Bandi Vinakara Ashok	30	100
13	22Q61A0496	Rupani Dinesh	30	100
14	22Q61A0201	Manupati Vamshi	30	100
15	22Q61A0202	A Lakshmi Sowjanya	30	100
16	22Q61A0203	Gullipilli.Narendra	30	100
17	22Q61A0204	U.Jeevan Sai	30	100
18	22Q61A0205	Badireddi.Yamini	0	0
19	22Q61A0206	Narne.Naga Lakshmi	30	100
20	22Q61A0207	Md JubiaFathimunnisa Begum	30	100
21	22Q61A0208	Vaiyimdi.SaiSesi Kiran	30	100
22	22Q61A0209	K.Praveen Kumar	0	0
23	22Q61A0210	Reddy Bocha Harshavardhan	30	100
24	22Q61A0211	Shaik.ChinnaMadeena	30	100
25	22Q61A0212	S.Md.Shaheed	30	100
26	22Q61A0213	Challa.Chinnmayee	30	100
27	22Q61A0214	Namburi.Ravi Prakash	30	100
28	22Q61A0215	Gudapati.Venkata Ratna Sai	30	100
29	22Q61A0216	Pappala.Hemanth Kumar	30	100
30	22Q61A0217	Manasa.M	30	100
31	22Q61A0218	B Sushanthika	30	100
32	22Q61A0219	.Nayana D.R	30	100
33	22Q61A0220	Katru.Akhila	30	100
34	22Q61A0221	S.Kalyani	30	100

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35	22Q61A0222	P.V.Annpurna	30	100
36	22Q61A0223	Gorapalli Varshini	0	0
37	22Q61A0224	Nalamalapu.Nithin Kumar	30	100
38	22Q61A0225	Makke.Renuka Kamala	30	100
39	22Q61A0226	Savidiboina.Manohar	30	100
40	22Q61A0227	Cherukuri Rohith Sai	30	100
41	22Q61A0228	G.Koti Reddy	30	100
42	22Q61A0229	TheedaManiratnam	30	100
43	22Q61A0230	Arugula.Naga Poojitha	30	100
44	22Q61A0231	Jayanthi Srikar	30	100
45	22Q61A0232	Guttula Pranay	30	100
46	22Q61A0233	Erla Navya	30	100
47	22Q61A0234	M.Ashok	0	0
48	22Q61A0235	S.Girish	30	100
49	22Q61A0236	S.Dhanush Kumar	30	100
50	22Q61A0237	Peeta Pavan Kumar	30	100
51	22Q61A0238	Asu Ram Vinayaka Sai Krishna	30	100
52	22Q61A0301	P.Lakshmivarshitha	30	100
53	22Q61A0302	P.Santosh Kumar	30	100
54	22Q61A0303	Kottakota Harshitha	30	100
55	22Q61A0304	R.Jahnavi	30	100
56	22Q61A0305	K.Varshini	0	0
57	22Q61A0306	V.Ghayathri	30	100
58	22Q61A0307	Chereddy.Naresh Reddy	30	100
59	22Q61A0308	Mutchi.Chittibabu	30	100
60	22Q61A0309	Yadla Ajay Kumar	30	100
61	22Q61A0310	JulakantiKrishnavenamma	30	100
62	22Q61A0311	Reddy Rajesh	30	100
63	22Q61A0312	Dara Vamsi Krishna	30	100
64	22Q61A0313	Killada Sai	30	100
65	22Q61A0314	Nayani Harsha Vardhan	30	100
66	22Q61A0315	Chilaka Naga Venkata Neha	0	0
67	22Q61A0316	Reddy Ravi Teja	30	100
68	22Q61A0317	K.Ashrith Kumar	30	100
69	22Q61A0318	M.Yashwanth	30	100
70	22Q61A0319	E.SriChakridhar	30	100
71	22Q61A0320	PatekeShanmukkha Kumar	30	100
72	22Q61A0321	Kadali.Goutham Charan	30	100
73	22Q61A0322	Verabathina.Naga Kavya	30	100
74	22Q61A0323	Thunga.Sai Kiran	30	100

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75	22Q61A0324	K.Mohammad Rayees Nawaz	30	100
76	22Q61A0325	Peta.Prasanthi	30	100
77	22Q61A0326	Arja.Manu Babu	30	100
78	22Q61A0327	Jami.Rohitha	30	100
79	22Q61A0328	Maguluri Satyanarayana	30	100
80	22Q61A0329	Kunuku Ganesh	30	100
81	22Q61A0330	Chinni Yuvakiran	30	100
82	22Q61A0331	B.Kesava Rao	0	0
83	22Q61A0332	Hardeep Singh Kalera	30	100

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Head of the Department **HOD**
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Ranga Reddy District.

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 24.12.2022

COURSE REPORT

Name of The Value added course: Quantum Mechanics

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.Y.Ramesh Babu, Associate Professor.

Name of the Coordinator: Mr.K.Nagaraju, Assistant Professor.

Number of the Participants: 75

Topics covered: The following topics covered in this program

1. Photon polarization.
2. Schrodinger's equation and wave functions Operators.
3. General structure of wave mechanics Time dependence of operators.
4. Hydrogen atom Interaction with classical.
5. Corrections to the hydrogen atom Structure of atoms.

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HOD
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Avanthi Institute of Engineering and Technology

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **O.SANTHOSH** Bearing roll number **22Q61A0486** from the department of Basic Sciences and Humanities completed the value added course on "**QUANTUM MECHANICS**" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi **Head of The Department** hnology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.YASHWANTH** Bearing roll number **22Q61A0318** from

the department of Basic Sciences and Humanities completed the value added course on

"QUANTUM MECHANICS" During the year **2022-2023**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of...
Gunthap... ...Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.GIRISH** Bearing roll number **22Q61A0235** from the department of Basic Sciences and Humanities completed the value added course on **"QUANTUM MECHANICS"** During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.

Head of The Department

Co-Ordinator

CO-ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
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Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/I/03   **Date: 05.01.2023**

CIRCULAR

This is to inform all the I B. Tech CSE students that, the Department organizing a Value Added Course on "**Mobile Application Development**". The course is scheduled to run for 06 days from 16-01-2023 to 21-01-2023.Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is in Collaboration with Mr. G. Rajesh Guptha with Innovative Systems.

HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technolog
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

    The principal, for kind information

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    Notice Board

    I.B. Tech CSE students

    Dept. file

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ABOUT THE COURSE

Mobile application development is the process of making software for smart phones, tablets and digital assistants, most commonly for the Android and iOS operating systems. The software can be preinstalled on the device, downloaded from a mobile app store or accessed through a mobile web browser. The programming and markup languages used for this kind of software development include Java, Swift, C# and HTML5.

COURSE OBJECTIVES

- To facilitate students to understand android SDK
- To help students to gain a basic understanding of Android application development
- To inculcate working knowledge of Android Studio development tool.

EXPECTED OUTCOMES

By the end of this course, students will be able to:

- Student able to identify various concepts of mobile programming that make it unique from programming for other platforms.
- Student able to critique mobile applications on their design pros and cons.
- Student able to utilize rapid prototyping techniques to design and develop sophisticated mobile interfaces, Type here to search.
- Student able to develop program mobile applications for the Android operating system that use basic and advanced phone features.
- Student able to deploy applications to the Android marketplace for distribution

Resource Person	Co-ordinator
Mr.G.Rajesh Guptha	Mr.K.Raja Manohar
Subject Expert	Assistant Professor
Innovative Systems	Department of H&S

LAST DATE FOR REGISTRATION:14th JAN,2023

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ECE,CSE&EEE UG Programmes are Accredited by NBA
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MOBILE APP DEVELOPMENT

ADD-ON COURSE ON

"MOBILE APPLICATION DEVELOPMENT"

16th JAN TO 21st JAN,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

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Guntljhapally (V), Abdullapurmet (M), R.R.Dist

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: MOBILE APPLICATION DEVELOPMENT

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. TECH I YEAR-I SEM CSE

Course objectives:

- To facilitate students to understand android SDK
- To help students to gain a basic understanding of Android application development
- To inculcate working knowledge of Android Studio development tool.

Course Outcome:

By the end of this course, students will be able to:

- Student able to identify various concepts of mobile programming that make it unique from programming for other platforms.
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- Student able to utilize rapid prototyping techniques to design and develop sophisticated mobile interfaces, Type here to search.
- Student able to develop program mobile applications for the Android operating system that use basic and advanced phone features.
- Student able to deploy applications to the Android marketplace for distribution.

SYLLABUS

- Introduction to Android: The Android Platform,
- Android SDK, Eclipse Installation,
- Android Installation,
- Building you First Android application,
- Understanding Anatomy of Android Application,
- Android Manifest file.
- Anatomy of an Android applications
- Android terminologies,
- Application Context,
- Activities, Services,
- Intents,
- Receiving and Broadcasting Intents

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- Android Manifest File and its common settings,
- Using Intent Filter,
- Permissions.
- User Interface Screen elements,
- Designing User Interfaces with Layouts,
- Drawing and Working with Animation.
- Testing Android applications,
- Publishing Android application,
- Using Android preferences,
- Using Android Data and Storage APIs,
- Managing data using SQLite,
- Sharing Data between Applications with Content Providers,
- Using Android Networking APIs,
- Using Android Web APIs,
- Using Android Telephony APIs,
- Deploying Android Application to the World.

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Ranga Reddy Dist, Telangana.

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Head of the Departmen
Humanities & Sciences
Avanthi Institute of Engineering & Techno
Gunthapally (Vill), Abdullapur Met (Md
Ranga Reddy District.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR –I SEM CSE

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Mobile Application Development	BREAK	Mobile Application Development	LUNCH	Mobile Application Development	BREAK	Mobile Application Development
TUE							
WED							
THU							
FRI							
SAT							

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Humanities & Sciences
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: MOBILE APPLICATION DEVELOPMENT

ACADEMIC YEAR: 2022-23

Date: 05-01-2023

B. TECH I YEAR-I SEM CSE

DAY WISE SCHEDULE SHEET

S.I No	DAY	Topic	Timings	Duration
1	16-01-2023	Introduction to Android: The Android Platform.	09.30 AM to 04.00 PM	6 hour
2	17-01-2023	Android SDK, Eclipse Installation.	09.30 AM to 04.00 PM	6 hour
3	18-01-2023	Building you First Android applicationUnderstanding Anatomy of Android Application.	09.30 AM to 04.00 PM	6 hour
4	19-01-2023	Android terminologies, Application Context, Activities, Services.	09.30 AM to 04.00 PM	6 hour
5	20-01-2023	Using Android preferences, Using Android Data and Storage Apis, managing data using SQLite,Sharing Data between Applications with Content Providers.	09.30 AM to 04.00 PM	6 hour
6	21-01-2023	Using Android Web Apis, Using Android Telephony Apis, Deploying Android Application to the World.	09.30 AM to 04.00 PM	6 hour
			Total – 36 Hours	

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Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Techn
Gunthapally (Vill), Abdullapur Met (M
Ranga Reddy District.

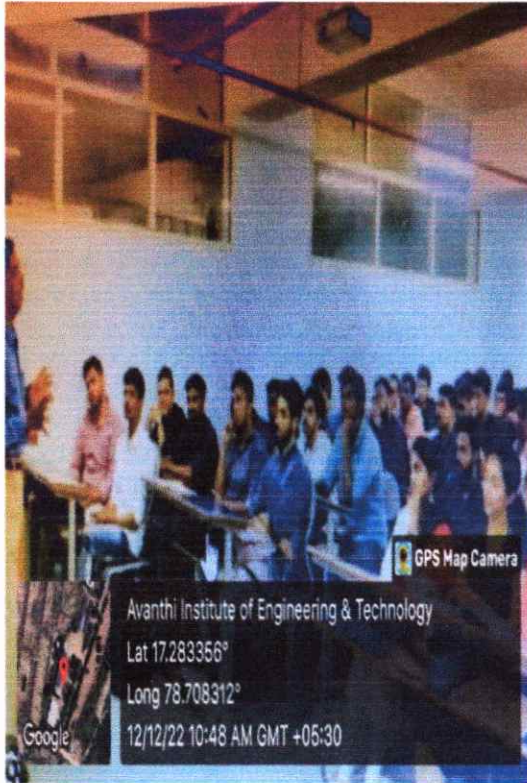Avanthi Institute of Engineering and Technology

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **MOBILE APPLICATION DEVELOPMENT**

B.TECH I YEAR-I SEM CSE   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A0501	A Parnika Yadav
2	22Q61A0502	AileniRoshik
3	22Q61A0503	Aleti Vivek
4	22Q61A0504	Ambala Sanjay
5	22Q61A0505	Anthati Kiran
6	22Q61A0506	B Venkatesh Goud
7	22Q61A0507	Bakka Sanjaykumar
8	22Q61A0508	Balusu Hemanth Sai
9	22Q61A0509	Banda Keerthana
10	22Q61A0510	Banoth Naveen Nayak
11	22Q61A0511	Banothu Hemanth
12	22Q61A0512	Barigela Navya
13	22Q61A0513	Bashipangu Leema Teja
14	22Q61A0514	Batchu Jyotsna Amulya
15	22Q61A0515	Bheemagani Srikanth
16	22Q61A0516	Bhugolla Chandu
17	22Q61A0517	Bhukya Ajay
18	22Q61A0518	Boddula Shyam
19	22Q61A0519	Bodige Varun Goud
20	22Q61A0520	Boini Naresh Kumar
21	22Q61A0521	Bolgam Laxmi Kavya
22	22Q61A0522	Bommakanti Nikhil
23	22Q61A0523	Bonagani Abhiram
24	22Q61A0524	Bongani Shravya
25	22Q61A0525	Chika Varun
26	22Q61A0526	Chikkulla Navya Sri
27	22Q61A0527	Chilkuri Ashritha
28	22Q61A0528	Chinthakindi Shiva Prasad
29	22Q61A0529	ChinthalapellyKrushitha
30	22Q61A0530	Damineni Teja Sri
31	22Q61A0531	Dandempalli Vamshi Kumar
32	22Q61A0532	Dharavath Venu
33	22Q61A0533	Dommati Bhavana
34	22Q61A0534	Dudekula Parvin

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35	22Q61A0535	Eravena Shiva Kumar
36	22Q61A0536	Eravena Varshith
37	22Q61A0537	Gandla Mehul
38	22Q61A0538	Godala Vijay Kumar Reddy
39	22Q61A0539	Golla Malleshwari
40	22Q61A0540	Golla Shishindher
41	22Q61A0541	Gudikandula Sandeep
42	22Q61A0542	Aadi Sai Nithya
43	22Q61A0543	Avula Rakesh
44	22Q61A0544	Boda Teja
45	22Q61A0545	Gorle Tejasri
46	22Q61A0546	Gourav Rajpurohit
47	22Q61A0547	Akula Ranjith
48	22Q61A0548	Alakuntla Bharath
49	22Q61A0549	Amir Kamal Ansari
50	22Q61A0550	Bandi Bhavana
51	22Q61A0551	Boda Priyanka
52	22Q61A0552	Bodige Nithin Kumar
53	22Q61A0553	Buchagari Naresh
54	22Q61A0554	Bulli Vivekananda Reddy
55	22Q61A0555	Burra Mani Vardhan
56	22Q61A0556	Busharaju Mallika
57	22Q61A0557	Dharpally Nithin Swamy
58	22Q61A0558	Dudam Srikanth
59	22Q61A0559	Esalla Spandhana
60	22Q61A0560	Esuraju Mahesh
61	22Q61A0561	Gaddam Sanjeev Yadav
62	22Q61A0562	Chakali Manobiram
63	22Q61A0563	Ganthala Akhila

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The Students of I-YEAR B.TECH Certificate Program Attending "Mobile Application Developer" By the Resource Person "Mr.G. Rajesh Guptha" With 'Innovative Systems'

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME:MOBILE APPLICATION DEVELOPMENT

B.TECH I YEAR-I SEM CSE　　　　**A.Y 2022-2023**　　　　**Date:05-01-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	16.01.23	17.01.23	18.01.23	19.01.23	20.01.23	21.01.23
1	22Q61A0501	A Parnika Yadav	P	P	P	P	P	P
2	22Q61A0502	AileniRoshik	P	P	P	P	P	P
3	22Q61A0503	Aleti Vivek	P	P	P	P	P	P
4	22Q61A0504	Ambala Sanjay	P	P	P	P	P	P
5	22Q61A0505	Anthati Kiran	P	P	P	P	P	P
6	22Q61A0506	B Venkatesh Goud	P	P	P	P	P	P
7	22Q61A0507	Bakka Sanjaykumar	P	P	P	P	P	P
8	22Q61A0508	Balusu Hemanth Sai	P	P	P	P	P	P
9	22Q61A0509	Banda Keerthana	P	P	P	P	P	P
10	22Q61A0510	Banoth Naveen Nayak	(A)	(A)	(A)	(A)	(A)	(A)
11	22Q61A0511	Banothu Hemanth	P	P	P	P	P	P
12	22Q61A0512	Barigela Navya	P	P	P	P	P	P
13	22Q61A0513	Bashipangu Leema Teja	P	P	P	P	P	P
14	22Q61A0514	Batchu Jyotsna Amulya	P	P	P	P	P	P
15	22Q61A0515	Bheemagani Srikanth	P	P	P	P	P	P
16	22Q61A0516	Bhugolla Chandu	P	P	P	P	P	P
17	22Q61A0517	Bhukya Ajay	P	P	P	P	P	P
18	22Q61A0518	Boddula Shyam	P	P	P	P	P	P
19	22Q61A0519	Bodige Varun Goud	P	P	P	P	P	P
20	22Q61A0520	Boini Naresh Kumar	P	P	P	P	P	P
21	22Q61A0521	Bolgam Laxmi Kavya	P	P	P	P	P	P
22	22Q61A0522	Bommakanti Nikhil	(A)	(A)	(A)	(A)	(A)	(A)
23	22Q61A0523	Bonagani Abhiram	P	P	P	P	P	P
24	22Q61A0524	Bongani Shravya	P	P	P	P	P	P
25	22Q61A0525	Chika Varun	P	P	P	P	P	P
26	22Q61A0526	Chikkulla Navya Sri	P	P	P	P	P	P
27	22Q61A0527	Chilkuri Ashritha	P	P	P	P	P	P
28	22Q61A0528	Chinthakindi Shiva Prasad	P	P	P	P	P	P
29	22Q61A0529	ChinthalapellyKrushitha	P	P	P	P	P	P
30	22Q61A0530	Damineni Teja Sri	P	P	P	P	P	P
31	22Q61A0531	Dandempalli Vamshi Kumar	P	P	P	P	P	P
32	22Q61A0532	Dharavath Venu	P	P	P	P	P	P
33	22Q61A0533	Dommati Bhavana	P	P	P	P	P	P
34	22Q61A0534	Dudekula Parvin	P	P	P	P	P	P
35	22Q61A0535	Eravena Shiva Kumar	P	P	P	P	P	P
36	22Q61A0536	Eravena Varshith	P	P	P	P	P	P
37	22Q61A0537	Gandla Mehul	P	P	P	P	P	P

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38	22Q61A0538	Godala Vijay Kumar Reddy	P	P	P	P	P	P
39	22Q61A0539	Golla Malleshwari	P	P	P	P	P	P
40	22Q61A0540	Golla Shishindher	P	P	P	P	P	P
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42	22Q61A0542	Aadi Sai Nithya	P	P	P	P	P	P
43	22Q61A0543	Avula Rakesh	P	P	P	P	P	P
44	22Q61A0544	Boda Teja	P	P	P	P	P	P
45	22Q61A0545	Gorle Tejasri	P	P	P	P	P	P
46	22Q61A0546	Gourav Rajpurohit	P	P	P	P	P	P
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49	22Q61A0549	Amir Kamal Ansari	P	P	P	P	P	P
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53	22Q61A0553	Buchagari Naresh	P	P	P	P	P	P
54	22Q61A0554	Bulli Vivekananda Reddy	P	P	P	P	P	P
55	22Q61A0555	Burra Mani Vardhan	A	A	A	A	A	A
56	22Q61A0556	Busharaju Mallika	P	P	P	P	P	P
57	22Q61A0557	Dharpally Nithin Swamy	P	P	P	P	P	P
58	22Q61A0558	Dudam Srikanth	P	P	P	P	P	P
59	22Q61A0559	Esalla Spandhana	P	P	P	P	P	P
60	22Q61A0560	Esuraju Mahesh	P	P	P	P	P	P
61	22Q61A0561	Gaddam Sanjeev Yadav	P	P	P	P	P	P
62	22Q61A0562	Chakali Manobiram	P	P	P	P	P	P
63	22Q61A0563	Ganthala Akhila	P	P	P	P	P	P

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VALUE ADDED COURSE NAME: **MOBILE APPLICATION DEVELOPMENT**

B.TECH I YEAR-I SEM CSE　　　**A.Y 2022-2023**　　　**Date: 16-01-2023 to 21-01-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A0501	A Parnika Yadav	36	100
2	22Q61A0502	AileniRoshik	36	100
3	22Q61A0503	Aleti Vivek	36	100
4	22Q61A0504	Ambala Sanjay	36	100
5	22Q61A0505	Anthati Kiran	36	100
6	22Q61A0506	B Venkatesh Goud	36	100
7	22Q61A0507	Bakka Sanjaykumar	36	100
8	22Q61A0508	Balusu Hemanth Sai	36	100
9	22Q61A0509	Banda Keerthana	36	100
10	22Q61A0510	Banoth Naveen Nayak	0	0
11	22Q61A0511	Banothu Hemanth	36	100
12	22Q61A0512	Barigela Navya	36	100
13	22Q61A0513	Bashipangu Leema Teja	36	100
14	22Q61A0514	Batchu Jyotsna Amulya	36	100
15	22Q61A0515	Bheemagani Srikanth	36	100
16	22Q61A0516	Bhugolla Chandu	36	100
17	22Q61A0517	Bhukya Ajay	36	100
18	22Q61A0518	Boddula Shyam	36	100
19	22Q61A0519	Bodige Varun Goud	36	100
20	22Q61A0520	Boini Naresh Kumar	36	100
21	22Q61A0521	Bolgam Laxmi Kavya	36	100
22	22Q61A0522	Bommakanti Nikhil	0	0
23	22Q61A0523	Bonagani Abhiram	36	100
24	22Q61A0524	Bongani Shravya	36	100
25	22Q61A0525	Chika Varun	36	100
26	22Q61A0526	Chikkulla Navya Sri	36	100
27	22Q61A0527	Chilkuri Ashritha	36	100
28	22Q61A0528	Chinthakindi Shiva Prasad	36	100
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30	22Q61A0530	Damineni Teja Sri	36	100
31	22Q61A0531	Dandempalli Vamshi Kumar	36	100
32	22Q61A0532	Dharavath Venu	36	100
33	22Q61A0533	Dommati Bhavana	36	100

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34	22Q61A0534	Dudekula Parvin	36	100
35	22Q61A0535	Eravena Shiva Kumar	36	100
36	22Q61A0536	Eravena Varshith	36	100
37	22Q61A0537	Gandla Mehul	36	100
38	22Q61A0538	Godala Vijay Kumar Reddy	36	100
39	22Q61A0539	Golla Malleshwari	36	100
40	22Q61A0540	Golla Shishindher	36	100
41	22Q61A0541	Gudikandula Sandeep	36	100
42	22Q61A0542	Aadi Sai Nithya	36	100
43	22Q61A0543	Avula Rakesh	36	100
44	22Q61A0544	Boda Teja	36	100
45	22Q61A0545	Gorle Tejasri	36	100
46	22Q61A0546	Gourav Rajpurohit	36	100
47	22Q61A0547	Akula Ranjith	36	100
48	22Q61A0548	Alakuntla Bharath	36	100
49	22Q61A0549	Amir Kamal Ansari	36	100
50	22Q61A0550	Bandi Bhavana	36	100
51	22Q61A0551	Boda Priyanka	36	100
52	22Q61A0552	Bodige Nithin Kumar	36	100
53	22Q61A0553	Buchagari Naresh	36	100
54	22Q61A0554	Bulli Vivekananda Reddy	36	100
55	22Q61A0555	Burra Mani Vardhan	0	0
56	22Q61A0556	Busharaju Mallika	36	100
57	22Q61A0557	Dharpally Nithin Swamy	36	100
58	22Q61A0558	Dudam Srikanth	36	100
59	22Q61A0559	Esalla Spandhana	36	100
60	22Q61A0560	Esuraju Mahesh	36	100
61	22Q61A0561	Gaddam Sanjeev Yadav	36	100
62	22Q61A0562	Chakali Manobiram	36	100
63	22Q61A0563	Ganthala Akhila	36	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 27.01.2023

COURSE REPORT

Name of The Value added course: Mobile Application Development
Day/Duration: 06 Days (36 Hours)
Time: 09:30 am to 04:00 pm
Resource Person: Mr. G. Rajesh Guptha, Subject Expert, Innovative Systems.
Name of the Coordinator: Mr.K.Raja Manohar, Assistant Professor
Number of the Participants: 60

Topics covered: The following topics covered in this program

      1 Introduction to Android: The Android Platform.

      2 Android Manifest file.

      3 Android Manifest File and its common settings.

      4 Testing Android applications.

      5 Managing data using SqLite.

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Gunthapally (Vill), Abdullapur Met (Md!
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**A.VIVEK** Bearing Reg.No **22Q61A0503** is participated in

"MOBILE APPLICATION DEVELOPMENT" course conducted at the **Avanthi Institute of**

Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with

'INNOVATIVE SYSTEMS'. from **16/01/2023** to **21/01/2023**.

Sd/-
Authorised Signatory
M/s Innovative Systems

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Ranga Reddy District.

Innovative Systems

Towards Quality Service

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**G.AKHILA** Bearing Reg.No **22Q61A0563** is participated

in **"MOBILE APPLICATION DEVELOPMENT"** course conducted at the **Avanthi Institute**

of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with

'INNOVATIVE SYSTEMS'. from **16/01/2023** to **21/01/2023**.

Sd/-

Authorised Signatory

M/s Innovative Systems

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/I/04   **Date: 16.02.2023**

CIRCULAR

This is to inform all the I B. Tech CSE students that, the Department organizing a Value added course on **"Aerial Robotics"**. Department Advisory Committee has been identified **Dr. A. Siva Kumar, Professor, and Department of Mech**. As a resource person for this course. The course is scheduled to run for 06 days from 20-02-2023 to 25-02-2023. Participating students will be awarded Certificates of Course Completion. This course is organized by Department of Basic Sciences and Humanities.

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Copy to:

The principal, for kind information

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Notice Board

I.B. Tech CSE students

Dept. file

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ABOUT THE COURSE

The **Aerial Robotics** will provide you with the knowledge required to become an innovator in aerial robotic systems and tackle the latest challenges for Uncrewed Air Vehicles (UAVs) or drones, from urban utility operations through to remote scientific investigation. Foundational skills such as flight dynamics, control and avionics will be complemented with disruptive technologies such as autonomous navigation and bio-inspiration.

COURSE OBJECTIVES

To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry..

EXPECTED OUTCOMES

- Synthesize autopilot for the control of unmanned aerial vehicles
- Derive a mathematical model for aerial robot dynamics
- Design a controllable rotorcraft aerial vehicle
- Analyze the dynamics of acti
- Derive a trajectory planning a robots

Resource Person
Dr.A.Siva Kumar
Professor
Department of MECH

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Co-ordinator
Mr.N.Ramesh
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:18th FEB,2023

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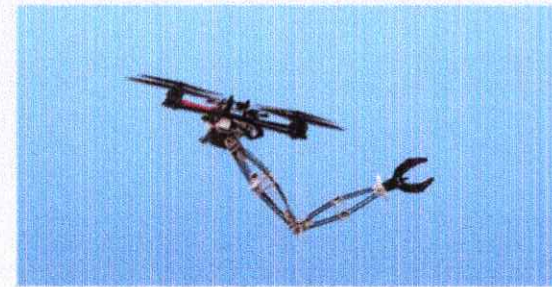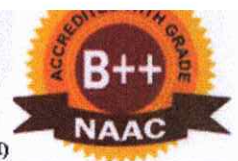
ADD-ON COURSE ON

"AERIAL ROBOTICS"

20th FEB TO 25th FEB,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF HUMANITIES AND SCIENCE

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **AERIAL ROBOTICS**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. TECH I YEAR-I SEM EEE

COURSE OBJECTIVES:

- Upon completion of their studies, students will be able to develop their unmanned aerial vehicle control system, derive a mathematical model of unmanned aerial vehicle dynamics, and, finally.
- Design a controllable rotorcraft capable of applying contact with the environment.

COURSE OUTCOME:

- synthesize autopilot for the control of unmanned aerial vehicles
- derive a mathematical model for aerial robot dynamics
- design a controllable rotorcraft aerial vehicle
- analyze the dynamics of acting
- derive a trajectory planning a robots

UNIT-I: Introduction to Aerial Robotics: Introduced to the exciting field of Unmanned Aerial Robotics (UAVs) and quadrotors in particular. You will learn about their basic mechanics and control strategies and realize how careful component selection and design affect the vehicles' performance. This week also provides you with instructions on how to download and install MATLAB. This software will be used throughout this course in exercises and assignments, so it is strongly recommended to familiarize you with MATLAB soon.

UNIT II: Geometry and Mechanics: Aerial Robotics course! We hope you are having a good time and learning a lot already! In this week, we will first focus on the kinematics of quadrotors. Then, you will learn how to derive the dynamic equations of motion for quadrotors. To build a better understanding on these notions, some essential mathematical tools are discussed in supplementary material lectures. In this week, you will also complete your first programming assignment on 1-D quadrotor control. If you have not done so already, please download, install, and learn about MATLAB before starting the assignment.

UNIT III: Planning and Control: We have developed planar and three-dimensional dynamic models of the quad rotor. This week, you will learn more about how to develop linear controllers for these models. With this knowledge, you will be required to complete the second programming assignment of this course, which focuses on controlling the quadrotor in two dimensions. We encourage you to start working on the assignment soon. This week ends with a discussion on motion planning for quadrotors

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UNIT IV: Advanced Topics: So far, we have gone over the basics of developing linear controllers for quadrotors and motion planning. In this last week of the course, we will discuss some more advanced material on how to enable quadrotors to perform more agile maneuvers and to operate autonomously in teams. Note that the last programming assignment on quadrotor control in three dimensions uses material from the previous weeks. It is strongly recommended to start the assignment as soon as possible.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR-I CSE

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Aerial Robotics	BREAK	Aerial Robotics	LUNCH	Aerial Robotics	BREAK	Aerial Robotics
TUE							
WED							
THU							
FRI							
SAT							

N. Ramesh.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: AERIAL ROBOTICS

ACADEMIC YEAR: 2022-23

Date: 16.02.2023

B.TECH. I YEAR-I SEM CSE

DAY WISE SCHEDULE SHEET

S.I No	DAY	Topic	Timings	Duration
1	20.02.2023	Introduced to the exciting field of Unmanned Aerial Robotics (UAVs) and quad rotors in particular.	10.00 AM to 04.00 PM	5 hour
2	21.02.2023	Aerial Robotics course! We hope you are having a good time and learning a lot already.	10.00 AM to 04.00 PM	5 hour
3	22.02.2023	To build a better understanding on these notions, some essential mathematical tools are discussed	10.00 AM to 04.00 PM	5 hour
4	23.02.2023	Three-dimensional dynamic models of the quadrotor	10.00 AM to 04.00 PM	5 hour
5	24.02.2023	The basics of developing linear controllers for quadrotors and motion planning	10.00 AM to 04.00 PM	5 hour
6	25.02.2023	The last programming assignment on quadrotor control in three dimensions uses material.	10.00 AM to 04.00 PM	5 hour
			Total – 30 Hours	

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: AERIAL ROBOTICS

B.TECH I YEAR-I SEM CSE   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A05D0	Nagapuri Akhil
2	22Q61A05D1	Nalla Nandini
3	22Q61A05D2	Namburi Chaitrika
4	22Q61A05D3	Narayandas Vaishnavi
5	22Q61A05D4	Nathi Shivamani
6	22Q61A05D5	Neerudu Dharani
7	22Q61A05D6	NenavathJailal
8	22Q61A05D7	Onteddu Shivani
9	22Q61A05D8	P Shirisha
10	22Q61A05D9	Pachipala Navya Sri
11	22Q61A05E0	Palavelli Mukesh
12	22Q61A05E1	Pampana Achyuth Kumar
13	22Q61A05E2	Patukoori Chinmaya
14	22Q61A05E3	Posireddy Shiva
15	22Q61A05E4	Pylla Swetha
16	22Q61A05E5	Ragula Lalith Kumar
17	22Q61A05E6	Ramavath Hari Krishna
18	22Q61A05E7	Raparthi Sharvani
19	22Q61A05E8	Rendla Abhinay
20	22Q61A05E9	Rendla Bhuvaneshwari
21	22Q61A05F0	Rokkarukala Dinesh
22	22Q61A05F1	Samartapu Umesh
23	22Q61A05F2	Sami Reddy Sai Prakash
24	22Q61A05F3	Samreen Fathima
25	22Q61A05F4	Selery Swamy
26	22Q61A05F5	SiddagouniAnivardhan
27	22Q61A05F6	Srimanthula Akhilesh
28	22Q61A05F7	Talari Saipravalika
29	22Q61A05F8	Talmeez Ahmad Khan
30	22Q61A05F9	Tejavath Ananth
31	22Q61A05G0	Thavanam Saisree
32	22Q61A05G1	Thogiti Aishwarya
33	22Q61A05G2	Thumurugoti Renu Sri
34	22Q61A05G3	Tumma Ajay
35	22Q61A05G4	V Chandrashekhar

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36	22Q61A05G5	Vasampalli Mahendra
37	22Q61A05G6	VeyyaSirichandana
38	22Q61A05G7	Vishnu Vardhan P
39	22Q61A05G8	Yelchala Lokesh
40	22Q61A05G9	Merugu Bharath
41	22Q61A05H0	Perka Navya
42	22Q61A05H1	Pronit Sardar
43	22Q61A05H2	S Sirisha Rao
44	22Q61A05H3	Shyamala Teja
45	22Q61A05H4	VendruLakshmithulasi
46	22Q61A05H5	Mulkanoori Sai Priya
47	22Q61A05H6	Nampelly Manoj
48	22Q61A05H7	Nidhi Kumari
49	22Q61A05H8	Padarthi Venkata Anjana Sai Devesh
50	22Q61A05H9	Pujari Sowmya
51	22Q61A05I0	Pullemla Yash Nikhil
52	22Q61A05I1	Radas Rahul Varma
53	22Q61A05I2	Samala Bhanu Prasad
54	22Q61A05I3	Sonde Tejaswini
55	22Q61A05I4	Sunkara Srinadh
56	22Q61A05I5	Suram Rohith
57	22Q61A05I6	T Srujan Kumar Reddy
58	22Q61A05I7	Thadaka Balaji
59	22Q61A05I8	Thorpunoori Vivek Adithya
60	22Q61A05I9	Vaka Uday Chandra
61	22Q61A05J0	Vanga Jeevan Kumar
62	22Q61A05J1	VarreSaiganitha
63	22Q61A05J2	Yelishetti Shiva

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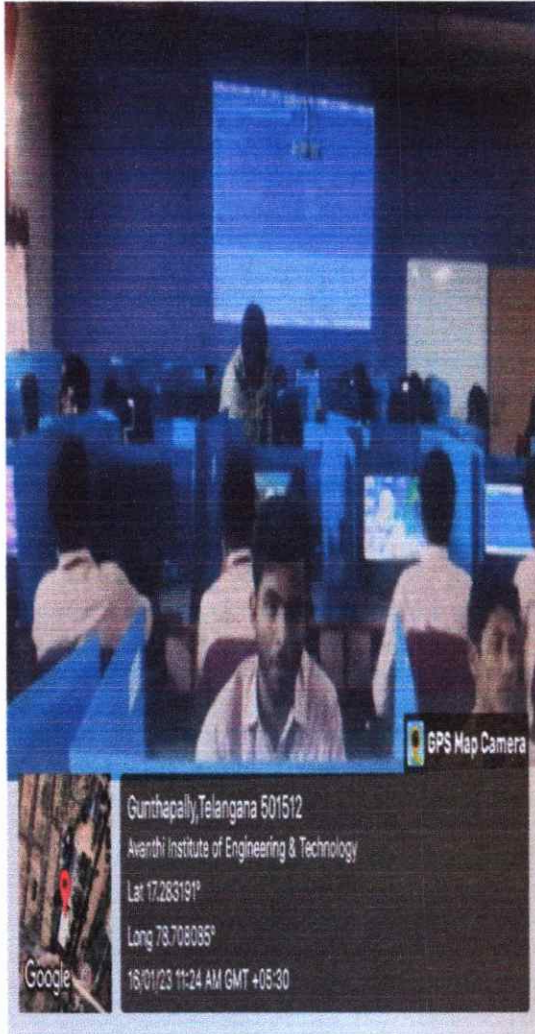Ranga Reddy District.

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The Students of I-Year B.Tech Certificate Program Attending "Aerial Robotics" By the Resource Person "Dr.A. Siva Kumar, Professor".

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: AERIAL ROBOTICS

B.TECH I YEAR-I SEM CSE   **A.Y 2022-2023**   **Date: 16-02-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	20.02.23	21.02.23	22.02.23	23.02.23	24.02.23	25.02.23
1	22Q61A05D0	Nagapuri Akhil	A	A	A	A	A	A
2	22Q61A05D1	Nalla Nandini	P	P	P	P	P	P
3	22Q61A05D2	Namburi Chaitrika	P	P	P	P	P	P
4	22Q61A05D3	Narayandas Vaishnavi	P	P	P	P	P	P
5	22Q61A05D4	Nathi Shivamani	P	P	P	P	P	P
6	22Q61A05D5	Neerudu Dharani	P	P	P	P	P	P
7	22Q61A05D6	NenavathJailal	P	P	P	P	P	P
8	22Q61A05D7	Onteddu Shivani	P	P	P	P	P	P
9	22Q61A05D8	P Shirisha	P	P	P	P	P	P
10	22Q61A05D9	Pachipala Navya Sri	A	A	A	A	A	A
11	22Q61A05E0	Palavelli Mukesh	P	P	P	P	P	P
12	22Q61A05E1	Pampana Achyuth Kumar	P	P	P	P	P	P
13	22Q61A05E2	Patukoori Chinmaya	P	P	P	P	P	P
14	22Q61A05E3	Posireddy Shiva	P	P	P	P	P	P
15	22Q61A05E4	Pylla Swetha	P	P	P	P	P	P
16	22Q61A05E5	Ragula Lalith Kumar	P	P	P	P	P	P
17	22Q61A05E6	Ramavath Hari Krishna	P	P	P	P	P	P
18	22Q61A05E7	Raparthi Sharvani	P	P	P	P	P	P
19	22Q61A05E8	Rendla Abhinay	P	P	P	P	P	P
20	22Q61A05E9	Rendla Bhuvaneshwari	P	P	P	P	P	P
21	22Q61A05F0	Rokkarukala Dinesh	P	P	P	P	P	P
22	22Q61A05F1	Samartapu Umesh	P	P	P	P	P	P
23	22Q61A05F2	Sami Reddy Sai Prakash	P	P	P	P	P	P
24	22Q61A05F3	Samreen Fathima	P	P	P	P	P	P
25	22Q61A05F4	Selery Swamy	P	P	P	P	P	P
26	22Q61A05F5	SiddagouniAnivardhan	P	P	P	P	P	P
27	22Q61A05F6	Srimanthula Akhilesh	A	A	A	A	A	A
28	22Q61A05F7	Talari Saipravalika	P	P	P	P	P	P
29	22Q61A05F8	Talmeez Ahmad Khan	P	P	P	P	P	P
30	22Q61A05F9	Tejavath Ananth	P	P	P	P	P	P
31	22Q61A05G0	Thavanam Saisree	P	P	P	P	P	P
32	22Q61A05G1	Thogiti Aishwarya	P	P	P	P	P	P
33	22Q61A05G2	Thumurugoti Renu Sri	P	P	P	P	P	P
34	22Q61A05G3	Tumma Ajay	P	P	P	P	P	P
35	22Q61A05G4	V Chandrashekhar	P	P	P	P	P	P
36	22Q61A05G5	Vasampalli Mahendra	P	P	P	P	P	P
37	22Q61A05G6	VeyyaSirichandana	P	P	P	P	P	P
38	22Q61A05G7	Vishnu Vardhan P	A	A	A	A	A	A

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39	22Q61A05G8	Yelchala Lokesh	A	A	A	A	A	A
40	22Q61A05G9	Merugu Bharath	P	P	P	P	P	P
41	22Q61A05H0	Perka Navya	P	P	P	P	P	P
42	22Q61A05H1	Pronit Sardar	P	P	P	P	P	P
43	22Q61A05H2	S Sirisha Rao	A	A	A	A	A	A
44	22Q61A05H3	Shyamala Teja	P	P	P	P	P	P
45	22Q61A05H4	VendruLakshmithulasi	P	P	P	P	P	P
46	22Q61A05H5	Mulkanoori Sai Priya	P	P	P	P	P	P
47	22Q61A05H6	Nampelly Manoj	P	P	P	P	P	P
48	22Q61A05H7	Nidhi Kumari	P	P	P	P	P	P
49	22Q61A05H8	Padarthi Venkata Anjana Sai Devesh	A	A	A	A	A	A
50	22Q61A05H9	Pujari Sowmya	P	P	P	P	P	P
51	22Q61A05I0	Pullemla Yash Nikhil	P	P	P	P	P	P
52	22Q61A05I1	Radas Rahul Varma	P	P	P	P	P	P
53	22Q61A05I2	Samala Bhanu Prasad	P	P	P	P	P	P
54	22Q61A05I3	Sonde Tejaswini	A	A	A	A	A	A
55	22Q61A05I4	Sunkara Srinadh	P	P	P	P	P	P
56	22Q61A05I5	Suram Rohith	P	P	P	P	P	P
57	22Q61A05I6	T Srujan Kumar Reddy	P	P	P	P	P	P
58	22Q61A05I7	Thadaka Balaji	P	P	P	P	P	P
59	22Q61A05I8	Thorpunoori Vivek Adithya	P	P	P	P	P	P
60	22Q61A05I9	Vaka Uday Chandra	P	P	P	P	P	P
61	22Q61A05J0	Vanga Jeevan Kumar	P	P	P	P	P	P
62	22Q61A05J1	VarreSaiganitha	P	P	P	P	P	P
63	22Q61A05J2	Yelishetti Shiva	P	P	P	P	P	P

N. Ramesh.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: AERIAL ROBOTICS

B.TECH I YEAR-I SEM CSE **A.Y 2022-2023** **Date: 20-02-2023 to 25-02-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A05D0	Nagapuri Akhil	0	0
2	22Q61A05D1	Nalla Nandini	30	100
3	22Q61A05D2	Namburi Chaitrika	30	100
4	22Q61A05D3	Narayandas Vaishnavi	30	100
5	22Q61A05D4	Nathi Shivamani	30	100
6	22Q61A05D5	Neerudu Dharani	30	100
7	22Q61A05D6	NenavathJailal	30	100
8	22Q61A05D7	Onteddu Shivani	30	100
9	22Q61A05D8	P Shirisha	30	100
10	22Q61A05D9	Pachipala Navya Sri	0	0
11	22Q61A05E0	Palavelli Mukesh	30	100
12	22Q61A05E1	Pampana Achyuth Kumar	30	100
13	22Q61A05E2	Patukoori Chinmaya	30	100
14	22Q61A05E3	Posireddy Shiva	30	100
15	22Q61A05E4	Pylla Swetha	30	100
16	22Q61A05E5	Ragula Lalith Kumar	30	100
17	22Q61A05E6	Ramavath Hari Krishna	30	100
18	22Q61A05E7	Raparthi Sharvani	30	100
19	22Q61A05E8	Rendla Abhinay	30	100
20	22Q61A05E9	Rendla Bhuvaneshwari	30	100
21	22Q61A05F0	Rokkarukala Dinesh	30	100
22	22Q61A05F1	Samartapu Umesh	30	100
23	22Q61A05F2	Sami Reddy Sai Prakash	30	100
24	22Q61A05F3	Samreen Fathima	30	100
25	22Q61A05F4	Selery Swamy	30	100
26	22Q61A05F5	SiddagouniAnivardhan	30	100
27	22Q61A05F6	Srimanthula Akhilesh	0	0
28	22Q61A05F7	Talari Saipravalika	30	100
29	22Q61A05F8	Talmeez Ahmad Khan	30	100
30	22Q61A05F9	Tejavath Ananth	30	100
31	22Q61A05G0	Thavanam Saisree	30	100
32	22Q61A05G1	Thogiti Aishwarya	30	100
33	22Q61A05G2	Thumurugoti Renu Sri	30	100
34	22Q61A05G3	Tumma Ajay	30	100

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35	22Q61A05G4	V Chandrashekhar	30	100
36	22Q61A05G5	Vasampalli Mahendra	30	100
37	22Q61A05G6	VeyyaSirichandana	30	100
38	22Q61A05G7	Vishnu Vardhan P	30	100
39	22Q61A05G8	Yelchala Lokesh	0	0
40	22Q61A05G9	Merugu Bharath	30	100
41	22Q61A05H0	Perka Navya	30	100
42	22Q61A05H1	Pronit Sardar	30	100
43	22Q61A05H2	S Sirisha Rao	30	100
44	22Q61A05H3	Shyamala Teja	30	100
45	22Q61A05H4	VendruLakshmithulasi	30	100
46	22Q61A05H5	Mulkanoori Sai Priya	30	100
47	22Q61A05H6	Nampelly Manoj	30	100
48	22Q61A05H7	Nidhi Kumari	30	100
49	22Q61A05H8	Padarthi Venkata Anjana Sai Devesh	0	0
50	22Q61A05H9	Pujari Sowmya	30	100
51	22Q61A05I0	Pullemla Yash Nikhil	30	100
52	22Q61A05I1	Radas Rahul Varma	30	100
53	22Q61A05I2	Samala Bhanu Prasad	30	100
54	22Q61A05I3	Sonde Tejaswini	0	0
55	22Q61A05I4	Sunkara Srinadh	30	100
56	22Q61A05I5	Suram Rohith	30	100
57	22Q61A05I6	T Srujan Kumar Reddy	30	100
58	22Q61A05I7	Thadaka Balaji	30	100
59	22Q61A05I8	Thorpunoori Vivek Adithya	30	100
60	22Q61A05I9	Vaka Uday Chandra	30	100
61	22Q61A05J0	Vanga Jeevan Kumar	30	100
62	22Q61A05J1	VarreSaiganitha	30	100
63	22Q61A05J2	Yelishetti Shiva	30	100

N.Ramesh.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 01.03.2023

COURSE REPORT

Name of The Value added course: Aerial Robotics
Day/Duration: 30 Hours
Time: 10:00 am to 04:00 pm
Resource Person: Dr. A. Siva Kumar, Professor
Name of the Coordinator: Mr.N.Ramesh, Assistant Professor
Number of the Participants: 55

Topics covered: The following topics covered in this program

➢ Introduction to Aerial Robotics.
➢ Geometry and Mechanics.
➢ Planning and Control.
➢ Advanced Topics.

N.Ramesh.

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.NANDINI** Bearing roll number **22Q61A05D1** from the

department of Basic Sciences and Humanities completed the value added course on **"AERIAL**

ROBOTICS" During the year **2022-2023**.

Head of The Department
Head of the Department
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N. Ramesh
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CO ORDINATOR
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Principal
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Y.SHIVA** Bearing roll number **22Q61A05J2** from the department of Basic Sciences and Humanities completed the value added course on **"AERIAL ROBOTICS"** During the year **2022-2023**.

Head of The Department
Head of the Department
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Ranga Reddy District.

V. Ramesh

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/II/01   Date: 06.04.2023

CIRCULAR

This is to inform all the I B. Tech CSE students that, the Department organizing a Value added course on **"Astro Physics"**. Department Advisory Committee has been identified **Mr. E. Rajesh, Assistant Professor, Department of BSH**. As a resource person for this course. The course is scheduled to run for 06 days from 10-04-2023 to 15-04-2023. Participating students will be awarded Certificates of Course Completion. This course is organized by Department of Basic Sciences and Humanities..

HOD

Head of the Department
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Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

I.B. Tech CSE students

Dept. file

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ABOUT THE COURSE

Astrophysics is a science that employs the methods and principles of physics and chemistry in the study of astronomical objects and phenomena. As one of the founders of the discipline, James Keeler, said, Astrophysics "seeks to ascertain the nature of the heavenly bodies, rather than their positions or motions in space—what they are, rather than where they are. Among the subjects studied are the Sun (solar physics), other stars, galaxies, extrasolar planets, the interstellar medium and the cosmic microwave background.

COURSE OBJECTIVES

- This course is meant to introduce undergraduate students to the wonders of the Universe. Students will understand how astronomers over millennia have come.
- To understand mysteries of the universe using laws of geometry and physics.
- They will also be introduced to the Indian contribution to astronomy in the modern times, techniques to measure astronomical parameters.
- The different layers of the Sun and an overview of our Milky Way galaxy.

EXPECTED OUTCOMES

After completing this course, student will gain an understanding of

- Basic concepts of positional astronomy and astronomical coordinate systems
- Astronomical instruments and the modern telescopes
- Measurement of astronomical parameters such as distance, stellar brightness, stellar mass, radii, temperature and spectral.
- The different layers of solar atmosphere and basic results of solar magneto hydrodynamics.
- Basic structure of different galaxies and rotation of the Milky Way galaxy.

Resource Person

Mr.E.Rajesh

Assistant Professor

Department of H&S

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R.

Co-ordinator

Mr.D.Shobhan Babu

Assistant Professor

Department of H&S

LAST DATE FOR REGISTRATION:8th APR,2023

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ADD-ON COURSE ON

"ASTRO PHYSICS"

10th APR TO 15th APR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF HUMANITIES AND SCIENCE

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES
VALUE ADDED COURSE NAME: ASTRO PHYSICS
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-23

B. TECH I YEAR-II SEM CSE

COURSE OBJECTIVES:

- This course is meant to introduce undergraduate students to the wonders of the Universe. Students will understand how astronomers over millennia have come.
- To understand mysteries of the universe using laws of geometry and physics.
- They will also be introduced to the Indian contribution to astronomy in the modern times, techniques to measure astronomical parameters.
- The different layers of the Sun and an overview of our Milky Way galaxy.

COURSE OUTCOME:

After completing this course, student will gain an understanding of

- Basic concepts of positional astronomy and astronomical coordinate systems
- Astronomical instruments and the modern telescopes
- Measurement of astronomical parameters such as distance, stellar brightness, stellar mass, radii, temperature and spectral.
- The different layers of solar atmosphere and basic results of solar magneto hydro dynamics.
- Basic structure of different galaxies and rotation of the Milky Way galaxy.

UNIT–I INTRODUCTION TO ASTRONOMY: Overview of the night sky; diurnal and yearly motions of the Sun; basic concepts of positional astronomy: celestial sphere, astronomical coordinate systems and conversion between them (Horizon and Equatorial systems of coordinates), circumpolar stars; sidereal and solar day

UNIT–II BASIC PARAMETERS OF STARS: Sources of stellar energy; measurement of astronomical distances (stellar parallax, aberration, proper motion), measurement of brightness, radiant flux and luminosity (apparent and absolute magnitude scales; distance modulus); determination of stellar mass (visual binaries, eclipsing binaries, spectroscopic binaries); measurement of stellar temperature and radius; stellar spectra, dependence of spectral types on temperature; Stellar classification (Harvard and modern Morgan-Keenan classification schemes), H-R diagram .

UNIT–III ASTRONOMICAL INSTRUMENTS: Observing through the atmosphere (scintillation, seeing, atmospheric windows and extinction); basic definitions for telescopes (magnification, light gathering power, limiting magnitude, resolving power, diffraction limit); optical telescope (Galilean, Newtonian, Cassegrain); basic overview of Hubble space telescope,

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James Web space telescope, Fermi gamma ray space telescope, radio astronomy (overview of GMRT)

UNIT-IV: SUN: Solar parameters, Sun's internal structure, solar photosphere, solar atmosphere, chromosphere, corona, solar activity, basics of solar magneto-hydrodynamics

UNIT–V: PHYSICS OF GALAXIES AND COSMOLOGY: Physics of galaxies: Basic structure and properties of different types of Galaxies; Nature of rotation of the Milky Way: Differential rotation of the Galaxy and Oort constants, rotation curve of the Galaxy and the dark matter, virial theorem Cosmology: Standard Candles (Cepheids and SNe Type1a); cosmic distance ladder; expansion of the Universe, Cosmological Principle, Newtonian Cosmology and Friedmann Models.

REFERENCE BOOKS:

1. Fundamental Astronomy, H. Karttunen et al., Springer Berlin, Heidelberg
2. Modern Astrophysics, B. W. Carroll and D. A. Ostlie, Addison-Wesley Publishing Co.
3. Introductory Astronomy and Astrophysics, M. Zeilik and S. A. Gregory, Saunders College Publishing.
4. Astronomy in India: A Historical Perspective, T. Padmanabhan, Springer
5. Foundation of Astrophysics, B. Ryden and B. M. Peterson, Cambridge University Press
6. Astronomy: A Physical Perspective, M. Kutner, Cambridge University Press

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR-II SEM CSE

SECTION: C

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Astro Physics	BREAK	Astro Physics	LUNCH	Astro Physics	BREAK	Astro Physics
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ASTRO PHYSICS

ACADEMIC YEAR: 2022-23　　　　　　　　　　　**Date: 06.04.2023**

B.TECH. I YEAR-II SEM CSE　　　　　　　　**DAY WISE SCHEDULE SHEET**

S.I No	DAY	Topic	Timings	Duration
1	10.04.2023	Overview of the night sky; diurnal and yearly motions of the Sun.	10.00 AM to 04.00 PM	5 hour
2	11.04.2023	Sources of stellar energy; measurement of astronomical distances.	10.00 AM to 04.00 PM	5 hour
3	12.04.2023	Observing through the atmosphere.	10.00 AM to 04.00 PM	5 hour
4	13.04.2023	Solar parameters, Sun's internal structure, solar photosphere.	10.00 AM to 04.00 PM	5 hour
5	14.04.2023	Physics of galaxies: Basic structure and properties of different types of Galaxies.	10.00 AM to 04.00 PM	5 hour
6	15.04.2023	Rotation curve of the Galaxy and the dark matter, virial theorem Cosmology: Standard Candles.	10.00 AM to 04.00 PM	5 hour
			Total – 30 hours	

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VALUE ADDED COURSE NAME: ASTRO PHYSICS

B.TECH I YEAR-II SEM CSE   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A0564	Garapati Prasanna
2	22Q61A0566	Guguloth Ushasri
3	22Q61A0567	Gunaganti Suchithra
4	22Q61A0568	Gundemoni Vamshi
5	22Q61A0569	Gurrala Kavya
6	22Q61A0570	Jadhav Athmaram
7	22Q61A0571	JejalaBrahmateja
8	22Q61A0572	Jonnalagadda Anjali
9	22Q61A0573	K Mahendra
10	22Q61A0574	Kaluri Raju
11	22Q61A0575	Kanchukommula Sravani
12	22Q61A0576	Kandunuri Saikumar
13	22Q61A0577	Kanthibadanakurthi Rajaneesh
14	22Q61A0578	Kanya Akshaya
15	22Q61A0579	Kayyala Saiteja
16	22Q61A0580	Kesari Akshitha
17	22Q61A0581	Kidambi Kundan Kumar
18	22Q61A0582	KindigeriVenkateshwar
19	22Q61A0583	Kistamgari Shivani
20	22Q61A0584	Kolanu Varsha Reddy
21	22Q61A0585	Kolipyaka Vishnuvardhan
22	22Q61A0586	Konga Maheshwari
23	22Q61A0587	Konkali Bharath Sai Kumar
24	22Q61A0588	Kota Rithish
25	22Q61A0589	Kothi Akhil
26	22Q61A0590	Kothuru Pranay
27	22Q61A0591	Lakkireddy Snehalatha
28	22Q61A0592	Lingala Sathish
29	22Q61A0593	Mabbu Akshara
30	22Q61A0594	Machukuri Nikitha
31	22Q61A0595	Mamidi Nikhitha
32	22Q61A0596	Manje Anand
33	22Q61A0597	Masam Kavya
34	22Q61A0598	Medaboina Bharath
35	22Q61A0599	Meesala Rakesh

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36	22Q61A05A0	Methri Karthik
37	22Q61A05A1	Mogili Raju
38	22Q61A05A2	Mohammad Abdul Khaif
39	22Q61A05A3	Mohammed Ashfaq
40	22Q61A05A4	Mohammed Mustafa
41	22Q61A05A5	Mohd Anas
42	22Q61A05A6	Gundla Charantej
43	22Q61A05A7	Kathi Krishnavamshi
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45	22Q61A05A9	Kunati Srinidhi
46	22Q61A05B0	L Indu
47	22Q61A05B2	Gopagani Umesh
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50	22Q61A05B5	KadipikondaMadhumohan
51	22Q61A05B6	Kambala Abhishek
52	22Q61A05B7	Karnati Varsha
53	22Q61A05B8	Kasani Shiva Shankar
54	22Q61A05B9	Kasu Durgaparameshwari
55	22Q61A05C0	Koppula Chaithanya
56	22Q61A05C2	Kunapuri Srividhya
57	22Q61A05C3	Manur Saketh
58	22Q61A05C4	MididoddiSaivenkat
59	22Q61A05C5	Mohammad Aquib Khan
60	22Q61A05C6	Mohd Saif Uddin
61	22Q61A05C7	Mudoju Shiva Kumar
62	22Q61A05C8	Mukkera Jaipal Reddy
63	22Q61A05C9	Muppa Harshitha

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The students of I year B.Tech Certificate program attending "Astro Physics" by Resource person "Mr.E.Rajesh Assistant Professor"

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Head of the **HOD** Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Avanthi Institute of Engineering and Technology

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME:ASTRO PHYSICS

B.TECH I YEAR-II SEM CSE   **A.Y 2022-2023**   **Date: 06-04-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	10.04.23	11.04.23	12.04.23	13.04.23	14.04.23	15.04.23
1	22Q61A0564	Garapati Prasanna	A	A	A	A	A	A
2	22Q61A0566	Guguloth Ushasri	P	P	P	P	P	P
3	22Q61A0567	Gunaganti Suchithra	P	P	P	P	P	P
4	22Q61A0568	Gundemoni Vamshi	P	P	P	P	P	P
5	22Q61A0569	Gurrala Kavya	P	P	P	P	P	P
6	22Q61A0570	Jadhav Athmaram	P	P	P	P	P	P
7	22Q61A0571	JejalaBrahmateja	P	P	P	P	P	P
8	22Q61A0572	Jonnalagadda Anjali	P	P	P	P	P	P
9	22Q61A0573	K Mahendra	P	P	P	P	P	P
10	22Q61A0574	Kaluri Raju	P	P	P	P	P	P
11	22Q61A0575	Kanchukommula Sravani	P	P	P	P	P	P
12	22Q61A0576	Kandunuri Saikumar	P	P	P	P	P	P
13	22Q61A0577	Kanthibadanakurthi Rajaneesh	P	P	P	P	P	P
14	22Q61A0578	Kanya Akshaya	P	P	P	P	P	P
15	22Q61A0579	Kayyala Saiteja	P	P	P	P	P	P
16	22Q61A0580	Kesari Akshitha	P	P	P	P	P	P
17	22Q61A0581	Kidambi Kundan Kumar	P	P	P	P	P	P
18	22Q61A0582	KindigeriVenkateshwar	P	P	P	P	P	P
19	22Q61A0583	Kistamgari Shivani	P	P	P	P	P	P
20	22Q61A0584	Kolanu Varsha Reddy	A	A	A	A	A	A
21	22Q61A0585	Kolipyaka Vishnuvardhan	P	P	P	P	P	P
22	22Q61A0586	Konga Maheshwari	P	P	P	P	P	P
23	22Q61A0587	Konkali Bharath Sai Kumar	P	P	P	P	P	P
24	22Q61A0588	Kota Rithish	P	P	P	P	P	P
25	22Q61A0589	Kothi Akhil	P	P	P	P	P	P
26	22Q61A0590	Kothuru Pranay	A	A	A	A	A	A
27	22Q61A0591	Lakkireddy Snehalatha	P	P	P	P	P	P
28	22Q61A0592	Lingala Sathish	P	P	P	P	P	P
29	22Q61A0593	Mabbu Akshara	P	P	P	P	P	P
30	22Q61A0594	Machukuri Nikitha	P	P	P	P	P	P
31	22Q61A0595	Mamidi Nikhitha	P	P	P	P	P	P
32	22Q61A0596	Manje Anand	P	P	P	P	P	P
33	22Q61A0597	Masam Kavya	P	P	P	P	P	P
34	22Q61A0598	Medaboina Bharath	P	P	P	P	P	P
35	22Q61A0599	Meesala Rakesh	P	P	P	P	P	P
36	22Q61A05A0	Methri Karthik	P	P	P	P	P	P
37	22Q61A05A1	Mogili Raju	P	P	P	P	P	P

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38	22Q61A05A2	Mohammad Abdul Khaif	P	P	P	P	P	P
39	22Q61A05A3	Mohammed Ashfaq	P	P	P	P	P	P
40	22Q61A05A4	Mohammed Mustafa	P	P	P	P	P	P
41	22Q61A05A5	Mohd Anas	P	P	P	P	P	P
42	22Q61A05A6	Gundla Charantej	P	P	P	P	P	P
43	22Q61A05A7	Kathi Krishnavamshi	P	P	P	P	P	P
44	22Q61A05A8	Kondi Navyasree	P	P	P	P	P	P
45	22Q61A05A9	Kunati Srinidhi	A	A	A	A	A	A
46	22Q61A05B0	L Indu	P	P	P	P	P	P
47	22Q61A05B2	Gopagani Umesh	P	P	P	P	P	P
48	22Q61A05B3	Gouni Nithin Goud-	P	P	P	P	P	P
49	22Q61A05B4	Gudaboina Akash	P	P	P	P	P	P
50	22Q61A05B5	KadipikondaMadhumohan	P	P	P	P	P	P
51	22Q61A05B6	Kambala Abhishek	P	P	P	P	P	P
52	22Q61A05B7	Karnati Varsha	P	P	P	P	P	P
53	22Q61A05B8	Kasani Shiva Shankar	P	P	P	P	P	P
54	22Q61A05B9	Kasu Durgaparameshwari	P	P	P	P	P	P
55	22Q61A05C0	Koppula Chaithanya	P	P	P	P	P	P
56	22Q61A05C2	Kunapuri Srividhya	A	A	A	A	A	A
57	22Q61A05C3	Manur Saketh	P	P	P	P	P	P
58	22Q61A05C4	MididoddiSaivenkat	P	P	P	P	P	P
59	22Q61A05C5	Mohammad Aquib Khan	P	P	P	P	P	P
60	22Q61A05C6	Mohd Saif Uddin	P	P	P	P	P	P
61	22Q61A05C7	Mudoju Shiva Kumar	P	P	P	P	P	P
62	22Q61A05C8	Mukkera Jaipal Reddy	P	P	P	P	P	P
63	22Q61A05C9	Muppa Harshitha	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ASTRO PHYSICS

B.TECH I YEAR-II SEM CSE   **A.Y 2022-2023**   **Date: 10-04-2023 to 15-04-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A0564	Garapati Prasanna	0	0
2	22Q61A0566	Guguloth Ushasri	30	100
3	22Q61A0567	Gunaganti Suchithra	30	100
4	22Q61A0568	Gundemoni Vamshi	30	100
5	22Q61A0569	Gurrala Kavya	30	100
6	22Q61A0570	Jadhav Athmaram	30	100
7	22Q61A0571	JejalaBrahmateja	30	100
8	22Q61A0572	Jonnalagadda Anjali	30	100
9	22Q61A0573	K Mahendra	30	100
10	22Q61A0574	Kaluri Raju	30	100
11	22Q61A0575	Kanchukommula Sravani	30	100
12	22Q61A0576	Kandunuri Saikumar	30	100
13	22Q61A0577	Kanthibadanakurthi Rajaneesh	30	100
14	22Q61A0578	Kanya Akshaya	30	100
15	22Q61A0579	Kayyala Saiteja	30	100
16	22Q61A0580	Kesari Akshitha	30	100
17	22Q61A0581	Kidambi Kundan Kumar	30	100
18	22Q61A0582	KindigeriVenkateshwar	30	100
19	22Q61A0583	Kistamgari Shivani	30	100
20	22Q61A0584	Kolanu Varsha Reddy	0	0
21	22Q61A0585	Kolipyaka Vishnuvardhan	30	100
22	22Q61A0586	Konga Maheshwari	30	100
23	22Q61A0587	Konkali Bharath Sai Kumar	30	100
24	22Q61A0588	Kota Rithish	30	100
25	22Q61A0589	Kothi Akhil	30	100
26	22Q61A0590	Kothuru Pranay	0	0
27	22Q61A0591	Lakkireddy Snehalatha	30	100
28	22Q61A0592	Lingala Sathish	30	100
29	22Q61A0593	Mabbu Akshara	30	100
30	22Q61A0594	Machukuri Nikitha	30	100
31	22Q61A0595	Mamidi Nikhitha	30	100
32	22Q61A0596	Manje Anand	30	100
33	22Q61A0597	Masam Kavya	30	100
34	22Q61A0598	Medaboina Bharath	30	100

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35	22Q61A0599	Meesala Rakesh	30	100
36	22Q61A05A0	Methri Karthik	30	100
37	22Q61A05A1	Mogili Raju	30	100
38	22Q61A05A2	Mohammad Abdul Khaif	30	100
39	22Q61A05A3	Mohammed Ashfaq	30	100
40	22Q61A05A4	Mohammed Mustafa	30	100
41	22Q61A05A5	Mohd Anas	30	100
42	22Q61A05A6	Gundla Charantej	30	100
43	22Q61A05A7	Kathi Krishnavamshi	30	100
44	22Q61A05A8	Kondi Navyasree	30	100
45	22Q61A05A9	Kunati Srinidhi	0	0
46	22Q61A05B0	L Indu	30	100
47	22Q61A05B2	Gopagani Umesh	30	100
48	22Q61A05B3	Gouni Nithin Goud-	30	100
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50	22Q61A05B5	KadipikondaMadhumohan	30	100
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53	22Q61A05B8	Kasani Shiva Shankar	30	100
54	22Q61A05B9	Kasu Durgaparameshwari	30	100
55	22Q61A05C0	Koppula Chaithanya	30	100
56	22Q61A05C2	Kunapuri Srividhya	0	0
57	22Q61A05C3	Manur Saketh	30	100
58	22Q61A05C4	MididoddiSaivenkat	30	100
59	22Q61A05C5	Mohammad Aquib Khan	30	100
60	22Q61A05C6	Mohd Saif Uddin	30	100
61	22Q61A05C7	Mudoju Shiva Kumar	30	100
62	22Q61A05C8	Mukkera Jaipal Reddy	30	100
63	22Q61A05C9	Muppa Harshitha	30	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 20.04.2023

<u>COURSE REPORT</u>

Name of The Value added course: Astro Physics

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr. E. Rajesh, Assistant Professor.

Name of the Coordinator: Mr.D.Shobhan Babu, Assistant Professor.

Number of the Participants: 58

<u>Topics covered:</u> The following topics covered in this program

➢ Introduction to Astronomy.

➢ Basic Parameters of Stars.

➢ Astronomical Instruments.

➢ Sun.

➢ Physics of galaxies and Cosmology

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HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technolo
Gunthapally (Vill), ... Met (Mdl)
Ranga ...

Avanthi Institute of Engineering and Technology

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.HARSHITHA** Bearing roll number **22Q61A05C9** from

the department of **Basic Sciences and Humanities** completed the value added course on

"ASTRO PHYSICS" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Head of The Department
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Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
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Principal
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.USHASRI** Bearing roll number **22Q61A0566** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ASTRO PHYSICS" During the year **2022-2023**.

Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy Dist.
Head of The Department

Co-Ordinator
CO ORDINATOR
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/II/02   **Date: 25.04.2023**

CIRCULAR

This is to inform all the I B. Tech CSD students that, the Department organizing a Value added course on **"Indian spiritual & Cultural Heritage"**. The course is scheduled to run for 06 days from 01-05-2023 to 06-05-2023. Participating students will be awarded Certificates of Course Completion. Interested students can sign in the registration form..

The Value Added Course is in Collaboration with Mr.M.Prakash with Edunet Foundation

HOD
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

    The principal, for kind information

    IQAC

    Notice Board

    I.B. Tech CSD students

    Dept. file

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Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

India's culture refers to a group of small distinct civilizations. Clothing, festivals, languages, religions, music, dance, architecture, food, and art are all part of Indian culture. Most notably, various foreign civilizations have affected Indian culture throughout its history

COURSE OBJECTIVES

- To familiarize learners with various aspects of the culture and heritage of India.
- To enable learners to appreciate the underlying unity amidst diversity in all aspects of India's culture.
- To enable learners to appreciate the composite nature of Indian culture.
- To develop among learners a feeling of love and a sense of belonging towards the nation

EXPECTED OUTCOMES

- Identify Approaches towards the sources and the study of ancient Indian history.
- Identify Approaches towards the sources and the study of Medieval Indian history.
- To Know Art and Culture of India.
- Evolution of Composite Culture.
- To Know Art and Culture of India.
- To acquaint the learners with the languages and literature of India.
- To trace the developments in Indian philosophical thought and examine the major religious traditions.

Resource Person
Mr.M.Prakash
Trainer
Edunet Foundation

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Di:

Co-ordinator
Miss.Swarupa Kumari
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:- 29th APR,2023.

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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Indian Spiritual & Cultural Heritage
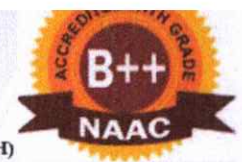
ADD-ON COURSE ON

"INDIAN SPIRITUAL & CULTURAL HERITAGE"

01st MAY TO 06th MAY,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES
VALUE ADDED COURSE NAME: **INDIAN SPIRITUAL & CULTURAL HERITAGE**
VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-23

B. TECH I YEAR-II SEM CSD

COURSE OBJECTIVES:

- To Familiarize Learners With Various Aspects Of The Culture And Heritage Of India.
- To Enable Learners To Appreciate The Underlying Unity Amidst Diversity In All Aspects Of India's Culture.
- To Enable Learners To Appreciate The Composite Nature Of Indian Culture.
- To Develop Among Learners A Feeling Of Love And A Sense Of Belonging Towards The Nation.

COURSE OUTCOME:

After completing this course, student will gain an understanding of

- Identify Approaches towards the sources and the study of ancient Indian history
- Identify Approaches towards the sources and the study of Medieval Indian history to Know Art and Culture of India
- Evolution of Composite Culture to Know Art and Culture of India to acquaint the learners with the languages and literature of India
- The developments in Indian philosophical thought and examine the major religious traditions Cult Definition and Characteristics

SYLLABUS

- Culture: Definition and Characteristics
- Indian Culture through the Ages
- Languages and Literature
- Indian Philosophical Thought
- NYANTHI Education
- Social Structure
- Spread of Indian Culture Abroad Fine Arts

REFERENCE BOOK:

1. The Reference book: Indian Culture, Art and Heritage by Dr. P. K. Agrawal

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Gunthapally (Vill), Abdullapur Met (Mc
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Avanthi Institute of Engineering and Technology

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR –II SEM CSD

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	Indian spiritual & Cultural Heritage	BREAK	Indian spiritual & Cultural Heritage	LUNCH	Indian spiritual & Cultural Heritage	BREAK	Indian spiritual & Cultural Heritage
TUE							
WED							
THU							
FRI							
SAT							

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Gunthapally (V), Abdullapur Met (Mdl),

Ranga Reddy Dist, Telangana.

HOD

Head of the Department

Humanities & Sciences

Avanthi Institute of Engineering & Technology

Gunthapally (Vill), Abdullapur Met (Mdl),

Ranga Reddy District.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: INDIAN SPIRTUAL & CULTURAL HERITAGE

ACADEMIC YEAR: 2022-23   **Date: 25.04.2023**

B.TECH. I YEAR-II SEM CSD   **DAY WISE SCHEDULE SHEET**

S.I No	DAY	Topic	Timings	Duration
1	01.05.2023	Characteristics of Indian culture Cultural Identity, Religion, Region and Ethnicity).Vedic Culture: Society and Religion, Material Life and Economy Ashoka the Great.	10.00 AM to 04.00 PM	5 hour
2	02.05.2023	Nalanda's Emergence as a great centre of learning. Cultural Development in India. Development of Folk Arts, Music, Painting South India: Development under the Cholas, the Vijayanagara and Bahmani Kingdoms.	10.00 AM to 04.00 PM	5 hour
3	03.05.2023	Indian Languages: The role of Sanskrit The Vedas: Rig Veda, Yajur Veda, Sama Veda, Atharva Veda,Veda, Sama Veda, Atharva Veda	10.00 AM to 04.00 PM	5 hour
4	04.05.2023	Epics: Ra-05-ana and Mahabharata Bhagavad Gita	10.00 AM to 04.00 PM	5 hour
5	05.05.2023	Unorthodox Religious movements-Buddhism and Jainism Vaishnava and Shaiva Movements in the South..	10.00 AM to 04.00 PM	5 hour
6	06.05.2023	The Sufl movement The Bhakti movement Ramakrishna Mission and Swami Vivekananda. Conclusion of Bhagavad Gita	10.00 AM to 04.00 PM	5 hour
			Total – 30 hours	

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: INDIAN SPIRTUAL & CULTURAL HERITAGE

B.TECH I YEAR-II SEM CSD   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A6701	B Venkatesh
2	22Q61A6702	Badavath Ramu
3	22Q61A6703	Baina Shivaraj
4	22Q61A6704	Banavath Suri Babu
5	22Q61A6705	Beeram Shivani
6	22Q61A6706	Boddupally Vasanth Sai
7	22Q61A6707	Daki Harsha Vardhan
8	22Q61A6708	DakuriSrinadh
9	22Q61A6709	EnjamuriThrilok
10	22Q61A6710	G Sai Sri Rami
11	22Q61A6711	GadwalaRamancha Samith
12	22Q61A6712	Gajawada Chinmai
13	22Q61A6713	Gandarapu Vamsi Krishna
14	22Q61A6714	Gudise Soni
15	22Q61A6715	Gugulothu Sravan
16	22Q61A6716	Gurram Chandu
17	22Q61A6717	Janagama Manideep Goud
18	22Q61A6718	Jangam Sravan
19	22Q61A6719	Kanakavali Karthik
20	22Q61A6720	Kandagatla Keerthi
21	22Q61A6721	Kassa Maneesh
22	22Q61A6722	Keshamoni Harish Goud
23	22Q61A6723	Kommera Vishal Reddy
24	22Q61A6724	Korra Varun
25	22Q61A6725	Korvi Rithin Kumar
26	22Q61A6726	KothakapuVenkateshwar
27	22Q61A6727	Maloth Akhila
28	22Q61A6728	N Karthikeya
29	22Q61A6729	Penmatcha Sowbhagya
30	22Q61A6730	Ragi Varsha
31	22Q61A6731	Rameshwaram Sneha
32	22Q61A6732	Rangaraju Sai Shashidhar
33	22Q61A6733	RapelliVinaydeep
34	22Q61A6734	Sanghishetty Mahesh

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35	22Q61A6735	Sankalamaddi Sai Harshith
36	22Q61A6736	Siliveru Vinay
37	22Q61A6737	Sripathi Panditharadhyula
38	22Q61A6738	Boddupalli Sai Bhargav
39	22Q61A6739	Chikkula Shiva Prasad
40	22Q61A6740	Kampasati Naveen
41	22Q61A6741	Pantham Gangadhar
42	22Q61A6742	Pasika Kishore
43	22Q61A6743	Rallabandi Praneeth Raju
44	22Q61A6744	Ummeda Abhilash
45	22Q61A6745	A Sainath
46	22Q61A6746	MandatiBhanuchandar
47	22Q61A6747	Bheemagani Manasa
48	22Q61A6748	Burakala Arun
49	22Q61A6749	Gade Harikrishna
50	22Q61A6750	Marri Rahul
51	22Q61A6751	Mirudoddi Mahesh
52	22Q61A6752	Myla Vagdevi
53	22Q61A6753	Neernemula Shiva Kumar
54	22Q61A6754	Thornala Naveen Reddy
55	22Q61A6755	Torupunuri Naveen
56	22Q61A6756	Veduru Venkat Reddy
57	22Q61A6757	Yarraboina Ganesh
58	22Q61A6758	Gaddam Nikhil
59	22Q61A6759	Andhekar Kranthi Kumar
60	22Q61A6760	Mamidi Saideep

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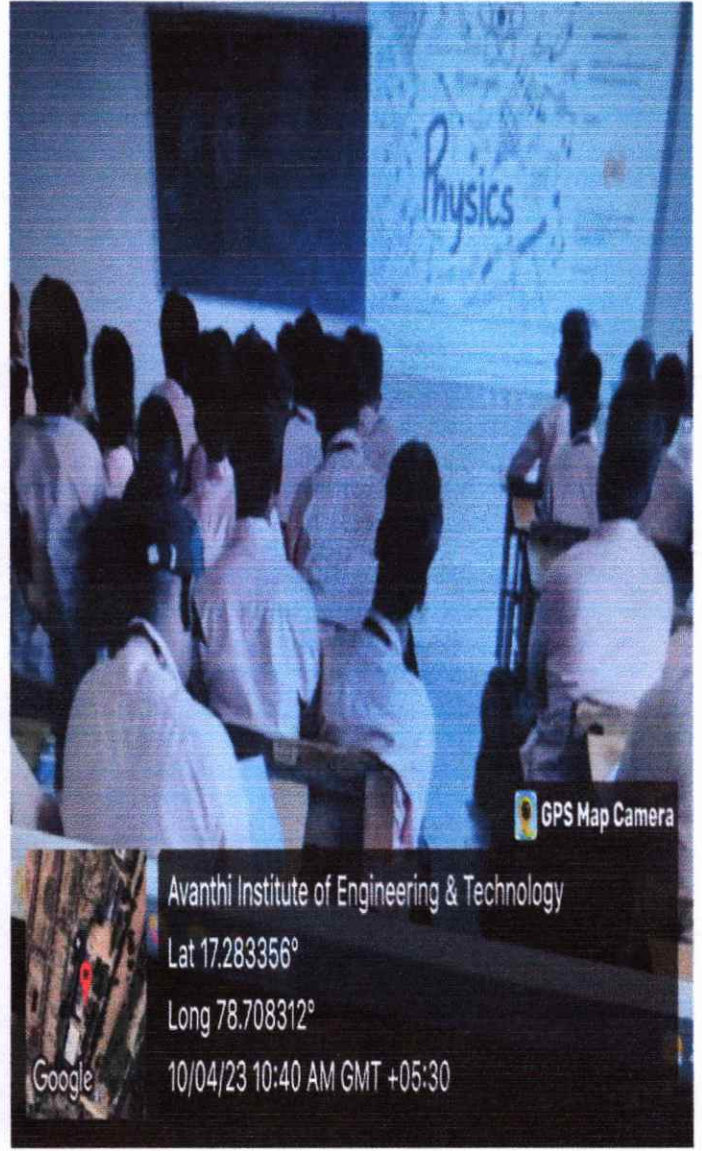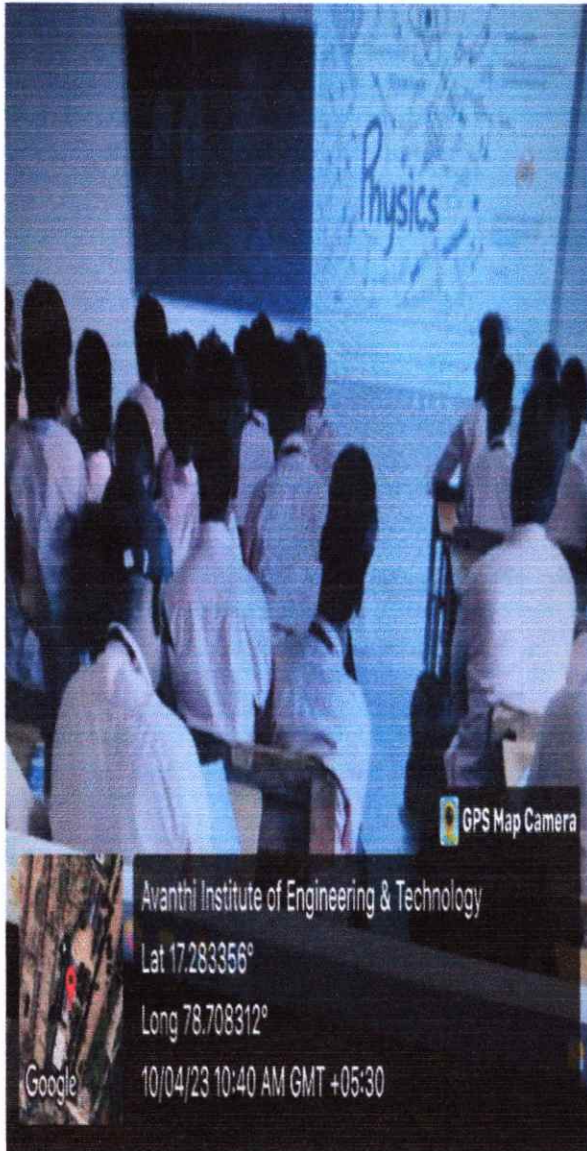Avanthi Institute of Engineering and Technology

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The Students of I Year B.Tech Certificate Program attending "Indian Spiritual &Cultural Heritage" By Resource Person "Mr .M.Prakash" By 'EduNet Foundation'

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: INDIAN SPIRTUAL & CULTURAL HERITAGE

B.TECH I YEAR-II SEM CSD　　　　**A.Y 2022-2023**　　　　**Date: 25-04-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	01.05.23	02.05.23	03.05.23	04.05.23	05.05.23	06.05.23
1	22Q61A6701	B Venkatesh	P	P	P	P	P	P
2	22Q61A6702	Badavath Ramu	P	P	P	P	P	P
3	22Q61A6703	Baina Shivaraj	P	P	P	P	P	P
4	22Q61A6704	Banavath Suri Babu	P	P	P	P	P	P
5	22Q61A6705	Beeram Shivani	P	P	P	P	P	P
6	22Q61A6706	Boddupally Vasanth Sai	P	P	P	P	P	P
7	22Q61A6707	Daki Harsha Vardhan	P	P	P	P	P	P
8	22Q61A6708	DakuriSrinadh	P	P	P	P	P	P
9	22Q61A6709	EnjamuriThrilok	P	P	P	P	P	P
10	22Q61A6710	G Sai Sri Rami	P	P	P	P	P	P
11	22Q61A6711	GadwalaRamancha Samith	P	P	P	P	P	P
12	22Q61A6712	Gajawada Chinmai	P	P	P	P	P	P
13	22Q61A6713	Gandarapu Vamsi Krishna	P	P	P	P	P	P
14	22Q61A6714	Gudise Soni	P	P	P	P	P	P
15	22Q61A6715	Gugulothu Sravan	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
16	22Q61A6716	Gurram Chandu	P	P	P	P	P	P
17	22Q61A6717	Janagama Manideep Goud	P	P	P	P	P	P
18	22Q61A6718	Jangam Sravan	P	P	P	P	P	P
19	22Q61A6719	Kanakavali Karthik	P	P	P	P	P	P
20	22Q61A6720	Kandagatla Keerthi	P	P	P	P	P	P
21	22Q61A6721	Kassa Maneesh	P	P	P	P	P	P
22	22Q61A6722	Keshamoni Harish Goud	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
23	22Q61A6723	Kommera Vishal Reddy	P	P	P	P	P	P
24	22Q61A6724	Korra Varun	P	P	P	P	P	P
25	22Q61A6725	Korvi Rithin Kumar	P	P	P	P	P	P
26	22Q61A6726	KothakapuVenkateshwar	P	P	P	P	P	P
27	22Q61A6727	Maloth Akhila	P	P	P	P	P	P
28	22Q61A6728	N Karthikeya	P	P	P	P	P	P
29	22Q61A6729	Penmatcha Sowbhagya	P	P	P	P	P	P
30	22Q61A6730	Ragi Varsha	P	P	P	P	P	P
31	22Q61A6731	Rameshwaram Sneha	P	P	P	P	P	P
32	22Q61A6732	Rangaraju Sai Shashidhar	P	P	P	P	P	P
33	22Q61A6733	RapelliVinaydeep	P	P	P	P	P	P
34	22Q61A6734	Sanghishetty Mahesh	P	P	P	P	P	P
35	22Q61A6735	Sankalamaddi Sai Harshith	P	P	P	P	P	P
36	22Q61A6736	Siliveru Vinay	P	P	P	P	P	P
37	22Q61A6737	Sripathi Panditharadhyula	P	P	P	P	P	P

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38	22Q61A6738	Boddupalli Sai Bhargav	A	A	A	A	A	A
39	22Q61A6739	Chikkula Shiva Prasad	P	P	P	P	P	P
40	22Q61A6740	Kampasati Naveen	P	P	P	P	P	P
41	22Q61A6741	Pantham Gangadhar	P	P	P	P	P	P
42	22Q61A6742	Pasika Kishore	P	P	P	P	P	P
43	22Q61A6743	Rallabandi Praneeth Raju	P	P	P	P	P	P
44	22Q61A6744	Ummeda Abhilash	P	P	P	P	P	P
45	22Q61A6745	A Sainath	P	P	P	P	P	P
46	22Q61A6746	MandatiBhanuchandar	P	P	P	P	P	P
47	22Q61A6747	Bheemagani Manasa	P	P	P	P	P	P
48	22Q61A6748	Burakala Arun	P	P	P	P	P	P
49	22Q61A6749	Gade Harikrishna	P	P	P	P	P	P
50	22Q61A6750	Marri Rahul	P	P	P	P	P	P
51	22Q61A6751	Mirudoddi Mahesh	A	A	A	A	A	A
52	22Q61A6752	Myla Vagdevi	P	P	P	P	P	P
53	22Q61A6753	Neernemula Shiva Kumar	P	P	P	P	P	P
54	22Q61A6754	Thornala Naveen Reddy	P	P	P	P	P	P
55	22Q61A6755	Torupunuri Naveen	P	P	P	P	P	P
56	22Q61A6756	Veduru Venkat Reddy	P	P	P	P	P	P
57	22Q61A6757	Yarraboina Ganesh	A	A	A	A	A	A
58	22Q61A6758	Gaddam Nikhil	P	P	P	P	P	P
59	22Q61A6759	Andhekar Kranthi Kumar	P	P	P	P	P	P
60	22Q61A6760	Mamidi Saideep	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: INDIAN SPIRTUAL & CULTURAL HERITAGE

B.TECH I YEAR-II SEM CSD   **A.Y 2022-2023**   **Date: 01-05-2023 to 06-05-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A6701	B Venkatesh	30	100
2	22Q61A6702	Badavath Ramu	30	100
3	22Q61A6703	Baina Shivaraj	30	100
4	22Q61A6704	Banavath Suri Babu	30	100
5	22Q61A6705	Beeram Shivani	30	100
6	22Q61A6706	Boddupally Vasanth Sai	30	100
7	22Q61A6707	Daki Harsha Vardhan	30	100
8	22Q61A6708	DakuriSrinadh	30	100
9	22Q61A6709	EnjamuriThrilok	30	100
10	22Q61A6710	G Sai Sri Rami	30	100
11	22Q61A6711	GadwalaRamancha Samith	30	100
12	22Q61A6712	Gajawada Chinmai	30	100
13	22Q61A6713	Gandarapu Vamsi Krishna	30	100
14	22Q61A6714	Gudise Soni	30	100
15	22Q61A6715	Gugulothu Sravan	0	0
16	22Q61A6716	Gurram Chandu	30	100
17	22Q61A6717	Janagama Manideep Goud	30	100
18	22Q61A6718	Jangam Sravan	30	100
19	22Q61A6719	Kanakavali Karthik	30	100
20	22Q61A6720	Kandagatla Keerthi	30	100
21	22Q61A6721	Kassa Maneesh	30	100
22	22Q61A6722	Keshamoni Harish Goud	0	0
23	22Q61A6723	Kommera Vishal Reddy	30	100
24	22Q61A6724	Korra Varun	30	100
25	22Q61A6725	Korvi Rithin Kumar	30	100
26	22Q61A6726	KothakapuVenkateshwar	30	100
27	22Q61A6727	Maloth Akhila	30	100
28	22Q61A6728	N Karthikeya	30	100
29	22Q61A6729	Penmatcha Sowbhagya	30	100
30	22Q61A6730	Ragi Varsha	30	100
31	22Q61A6731	Rameshwaram Sneha	30	100
32	22Q61A6732	Rangaraju Sai Shashidhar	30	100
33	22Q61A6733	RapelliVinaydeep	30	100

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34	22Q61A6734	Sanghishetty Mahesh	30	100
35	22Q61A6735	Sankalamaddi Sai Harshith	30	100
36	22Q61A6736	Siliveru Vinay	30	100
37	22Q61A6737	Sripathi Panditharadhyula	30	100
38	22Q61A6738	Boddupalli Sai Bhargav	0	0
39	22Q61A6739	Chikkula Shiva Prasad	30	100
40	22Q61A6740	Kampasati Naveen	30	100
41	22Q61A6741	Pantham Gangadhar	30	100
42	22Q61A6742	Pasika Kishore	30	100
43	22Q61A6743	Rallabandi Praneeth Raju	30	100
44	22Q61A6744	Ummeda Abhilash	30	100
45	22Q61A6745	A Sainath	30	100
46	22Q61A6746	MandatiBhanuchandar	30	100
47	22Q61A6747	Bheemagani Manasa	30	100
48	22Q61A6748	Burakala Arun	30	100
49	22Q61A6749	Gade Harikrishna	30	100
50	22Q61A6750	Marri Rahul	30	100
51	22Q61A6751	Mirudoddi Mahesh	0	0
52	22Q61A6752	Myla Vagdevi	30	100
53	22Q61A6753	Neernemula Shiva Kumar	30	100
54	22Q61A6754	Thornala Naveen Reddy	30	100
55	22Q61A6755	Torupunuri Naveen	30	100
56	22Q61A6756	Veduru Venkat Reddy	30	100
57	22Q61A6757	Yarraboina Ganesh	0	0
58	22Q61A6758	Gaddam Nikhil	30	100
59	22Q61A6759	Andhekar Kranthi Kumar	30	100
60	22Q61A6760	Mamidi Saideep	30	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 15.05.2023

COURSE REPORT

Name of The Value added course: Indian Spiritual & Cultural Heritage

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.M.Prakash, Trainer, Edunet Foundation.

Name of the Coordinator: Miss.Swarupa Kumari, Assistant Professor.

Number of the Participants: 55

Topics covered: The following topics covered in this program

- ➢ Characteristics of Indian culture.
- ➢ The role of Sanskrit.
- ➢ Ra-05-ana and Mahabharata.
- ➢ Bhagavad Gita.
- ➢ Vaishnava and Shaiva Movements in the South.

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.VENKATESH** Bearing roll number **22Q61A6701** from

the department of **Basic Sciences and Humanities** completed the value added course on

"INDIAN SPIRTUAL AND CULTURAL HERITAGE" During the year **2022-2023**.

Head of The Department

Co-Ordinator
CO ORDINATOR
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.VINAY** Bearing roll number **22Q61A6736** from the department of **Basic Sciences and Humanities** completed the value added course on **"INDIAN SPIRTUAL AND CULTURAL HERITAGE"** During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunt**Head of The Department),**
Ranga Reddy District.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2022-23/II/03   **Date: 22.06.2023**

CIRCULAR

This is to inform all the I B. Tech CSM students that, the Department organizing a Value added course on **"Android Developer Fundamentals".** The course is scheduled to run for 06 days from 26-06-2023 to 01-07-2023. Participating students will be awarded Certificates of Course Completion. Interested students can sign in the registration form.

The Value Added Course is in Collaboration with Mr.P.Suresh with ASK Training Service.

Head of **HOD** Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

I.B. Tech CSM students

Dept. file

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Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

Android Developer Fundamentals is a training course created by the Google Developer Training team. You learn basic Android programming concepts and build a variety of apps, starting with Hello World and working your way up to apps that use content providers and loaders.

COURSE OBJECTIVES

- To provide the comprehensive insight into developing applications running on smart mobile devices and demonstrate programming skills for managing task on mobile.
- To provide systematic approach for studying definition, methods and its applications for Mobile-App development

EXPECTED OUTCOMES

After completing this course, student will gain an understanding of

- Understand the requirements of Mobile programming environment.
- Learn about basic methods, tools and techniques for developing Apps
- Explore and practice App development on Android Platform

Resource Person
Mr.P.Suresh
Technical Trainer
ASK Training Service

Co-ordinator
Mr.G.Laxminarayana
Assistant Professor
Department of CSE

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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VALUE ADDED COURSE ON

"ANDROID DEVELOPER FUNDAMENTALS"

26th JUN to 01st JULY 2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **ANDROID DEVELOPER FUNDAMENTALS**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-23

B. TECH I YEAR-II SEM CSM

COURSE OBJECTIVES:

- To provide the comprehensive insight into developing applications running on smart mobile devices and demonstrate programming skills for managing task on mobile.
- To provide systematic approach for studying definition, methods and its applications for Mobile-App development.

COURSE OUTCOME:

After completing this course, student will gain an understanding of

- Understand the requirements of Mobile programming environment.
- Learn about basic methods, tools and techniques for developing Apps
- Explore and practice App development on Android Platform
- Develop working prototypes of working systems for various uses in daily lives.

UNIT-I: What is Android? Obtaining the required tools, creating first android app,understanding the components of screen, adapting display orientation, action bar, Activities and Intents, Activity Lifecycle and Saving State, Basic Views: Text View, Button, Image Button, EditText,CheckBox, Toggle Button, Radio Button, and Radio Group Views, Progress Bar View, AutoCompleteTextView, Time Picker View, Date Picker View, List View View, Spinner View.

UNIT-II: User Input Controls, Menus, Screen Navigation, Recycler View, Drawables,Themes and Styles, Material design, Providing resources for adaptive layouts,AsyncTask and AsyncTaskLoader, Connecting to the Internet, Broadcast receivers, Services, Notifications, Alarm managers, Transferring data efficiently.

UNIT-III: Data - saving, retrieving, and loading: Overview to storing data, Shared preferences, SQLite primer, store data using SQLite database, Content Providers, loaders to load and display data, Permissions, performance and security, Firebase and AdMob, Publish your app.

TEXT BOOK:

1"Beginning Android 4 Application Development", Wei-Meng Lee, March 2012, WROX.

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REFERENCE BOOKS:

1. https://developers.google.com/training/courses/android-fundamentals
2. https://www.gitbook.com/book/google-developer-training/android-developer fundamentals-course-practicals/details

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Ranga Reddy Dist, Telangana.

HOD

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Humanities & Sciences
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR- II SEM CSM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:00	12:00-12:30	12:30-03:00	03:00-03:10	03:10-04:00
MON	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS
TUE	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS
WED	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS
THU	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS
FRI	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS
SAT	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS	LUNCH	ANDROID DEVELOPER FUNDAMENTALS	BREAK	ANDROID DEVELOPER FUNDAMENTALS

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Humanities & Sciences
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ANDROID DEVELOPER FUNDAMENTALS

ACADEMIC YEAR: 2022-23

Date: 22.06.2023

B.TECH. I YEAR-II SEM CSM

DAY WISE SCHEDULE SHEET

S.I No	DAY	Topic	Timings	Duration
1	26-06-2023	Creating first android app, understanding the components of screen, adapting display orientation, action bar, Activities and Intents.	09.30 AM to 04.00 PM	6 Hour
2	27-06-2023	Radio Group Views, Progress Bar View, AutoCompleteTextView, Time Picker View, Date Picker View.	09.30 AM to 04.00 PM	6 Hour
3	28-06-2023	User Input Controls, Menus, Screen Navigation, Recycler View	09.30 AM to 04.00 PM	6 Hour
4	29-06-2023	Services, Notifications, Alarm managers, Transferring data efficiently.	09.30 AM to 04.00 PM	6 Hour
5	30-06-2023	Overview to storing data, Shared preferences, SQLite primer, store data using SQLite database, Content Providers	09.30 AM to 04.00 PM	6 Hour
6	01-07-2023	loaders to load and display data, Permissions, performance and security, Firebase and AdMob, Publish your app	09.30 AM to 04.00 PM	6 Hour
			Total – 36 Hours	

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ANDROID DEVELOPER FUNDAMENTALS

B.TECH I YEAR-II SEM CSM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61A6601	AerramAbhivardhanreddy
2	22Q61A6602	Allu Abhishek Reddy
3	22Q61A6603	Amaragani Mahesh
4	22Q61A6604	Baki Karthik
5	22Q61A6605	Bhukya Praveen Kumar
6	22Q61A6606	Billingi Praveen Kumar
7	22Q61A6607	Bujuru Pranathi Reddy
8	22Q61A6608	Dammalapati Ajay
9	22Q61A6609	Gaddam Ragha Varshini
10	22Q61A6610	Gaddam Vyshnavi
11	22Q61A6611	Gajjala Vaishnavi
12	22Q61A6612	Gandhe Archana
13	22Q61A6613	Godugu Surya
14	22Q61A6614	Harsh Kumar Vyas
15	22Q61A6615	Jodu Varshitha
16	22Q61A6616	Kammadanam Nikhitha
17	22Q61A6617	Kasaramoni Ajay Kumar
18	22Q61A6618	KomirellyMaahith Reddy
19	22Q61A6619	Konatham Raj Kumar
20	22Q61A6620	Kondapuram Anjith Kumar
21	22Q61A6621	Kote Sravan
22	22Q61A6622	Loda Ramakrishna
23	22Q61A6623	Madamsetti Arun Sagar
24	22Q61A6624	Madhipatla Gayathri
25	22Q61A6625	Medagam Adhithya Reddy
26	22Q61A6626	Mekala Vijay Kanth
27	22Q61A6627	Nagireddy Sai Ganesh
28	22Q61A6628	Nakka Varshitha
29	22Q61A6629	Nalla Trishakala Reddy
30	22Q61A6630	Podduturi Ramu
31	22Q61A6631	Ruqaiyyah Tabassum

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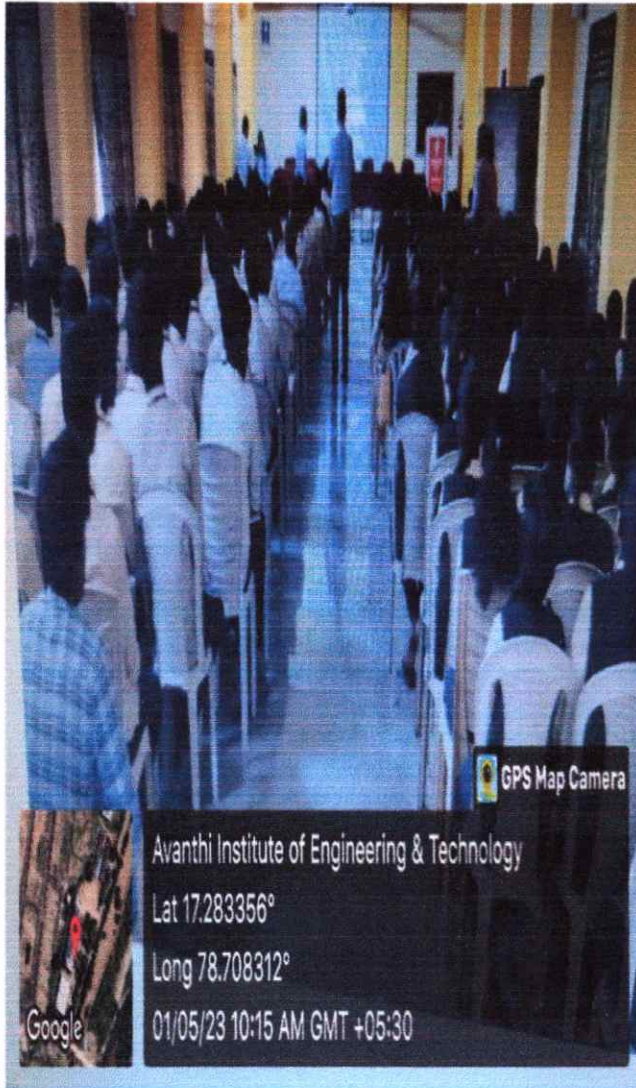Avanthi Institute of Engineering and Technology

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32	22Q61A6632	S Bharath Kumar
33	22Q61A6633	Samudrala Sridhar
34	22Q61A6634	Siripuram Rajesh
35	22Q61A6635	Sudireddy Venkata Reddy
36	22Q61A6636	V Anitha
37	22Q61A6637	Vittapu Rishika Sharma
38	22Q61A6638	Yalamcheruvu Nishitha
39	22Q61A6639	Yaramala Narsi Reddy
40	22Q61A6640	Adith Singh
41	22Q61A6641	Avala Srinivas
42	22Q61A6642	Godavarthi Tejash Chowdary
43	22Q61A6643	Ketham Harshavardhan
44	22Q61A6644	Marikanti Gopi
45	22Q61A6645	Mekala Ahalya
46	22Q61A6646	Putluri Mani Deep Reddy
47	22Q61A6647	Yalaka Aishwarya
48	22Q61A6648	Amaragani Lokesh
49	22Q61A6649	BonalaMoneysh
50	22Q61A6650	Gundoju Pradeep Chary
51	22Q61A6651	Madhipatla Akhila
52	22Q61A6652	Mohammed Nadeem Anwar
53	22Q61A6653	Pathakunta Prabhakar Reddy
54	22Q61A6654	Pathki Teja
55	22Q61A6655	Pilli Shirisha
56	22Q61A6656	Survi Vivekananda Goud
57	22Q61A6657	Gogineni Harshavardhan
58	22Q61A6658	Koudagani Ramya
59	22Q61A6659	Gugulothu Vishnuvardhan

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The Students of III Year B.Tech Certificate Program   attending "Android Development Fundamentals" By Resource Person "Mr.P.Suresh" With 'ASK Training Service'

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ANDROID DEVELOPER FUNDAMENTALS

B.TECH I YEAR-II SEM CSM   **A.Y 2022-2023**   **Date: 22-06-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	26.06.23	27.06.23	28.06.23	29.06.23	30.06.23	01.07.23
1	22Q61A6601	Aerram Abhivardhanreddy	P	P	P	P	P	P
2	22Q61A6602	Allu Abhishek Reddy	P	P	P	P	P	P
3	22Q61A6603	Amaragani Mahesh	P	P	P	P	P	P
4	22Q61A6604	Baki Karthik	P	P	P	P	P	P
5	22Q61A6605	Bhukya Praveen Kumar	P	P	P	P	P	P
6	22Q61A6606	Billingi Praveen Kumar	P	P	P	P	P	P
7	22Q61A6607	Bujuru Pranathi Reddy	P	P	P	P	P	P
8	22Q61A6608	Dammalapati Ajay	P	P	P	P	P	P
9	22Q61A6609	Gaddam Ragha Varshini	P	P	P	P	P	P
10	22Q61A6610	Gaddam Vyshnavi	P	P	P	P	P	P
11	22Q61A6611	Gajjala Vaishnavi	P	P	P	P	P	P
12	22Q61A6612	Gandhe Archana	P	P	P	P	P	P
13	22Q61A6613	Godugu Surya	P	P	P	P	P	P
14	22Q61A6614	Harsh Kumar Vyas	P	P	P	P	P	P
15	22Q61A6615	Jodu Varshitha	P	P	P	P	P	P
16	22Q61A6616	Kammadanam Nikhitha	A	A	A	A	A	A
17	22Q61A6617	Kasaramoni Ajay Kumar	P	P	P	P	P	P
18	22Q61A6618	Komirelly Maahith Reddy	P	P	P	P	P	P
19	22Q61A6619	Konatham Raj Kumar	P	P	P	P	P	P
20	22Q61A6620	Kondapuram Anjith Kumar	P	P	P	P	P	P
21	22Q61A6621	Kote Sravan	P	P	P	P	P	P
22	22Q61A6622	Loda Ramakrishna	P	P	P	P	P	P
23	22Q61A6623	Madamsetti Arun Sagar	P	P	P	P	P	P
24	22Q61A6624	Madhipatla Gayathri	P	P	P	P	P	P
25	22Q61A6625	Medagam Adhithya Reddy	P	P	P	P	P	P
26	22Q61A6626	Mekala Vijay Kanth	P	P	P	P	P	P
27	22Q61A6627	Nagireddy Sai Ganesh	P	P	P	P	P	P
28	22Q61A6628	Nakka Varshitha	P	P	P	P	P	P
29	22Q61A6629	Nalla Trishakala Reddy	A	A	A	A	A	A
30	22Q61A6630	Podduturi Ramu	P	P	P	P	P	P
31	22Q61A6631	Ruqaiyyah Tabassum	P	P	P	P	P	P

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33	22Q61A6633	Samudrala Sridhar	P	P	P	P	P	P
34	22Q61A6634	Siripuram Rajesh	P	P	P	P	P	P
35	22Q61A6635	Sudireddy Venkata Reddy	P	P	P	P	P	P
36	22Q61A6636	V Anitha	P	P	P	P	P	P
37	22Q61A6637	Vittapu Rishika Sharma	P	P	P	P	P	P
38	22Q61A6638	Yalamcheruvu Nishitha	A	A	A	A	A	A
39	22Q61A6639	Yaramala Narsi Reddy	P	P	P	P	P	P
40	22Q61A6640	Adith Singh	P	P	P	P	P	P
41	22Q61A6641	Avala Srinivas	P	P	P	P	P	P
42	22Q61A6642	Godavarthi Tejash Chowdary	P	P	P	P	P	P
43	22Q61A6643	Ketham Harshavardhan	P	P	P	P	P	P
44	22Q61A6644	Marikanti Gopi	P	P	P	P	P	P
45	22Q61A6645	Mekala Ahalya	P	P	P	P	P	P
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49	22Q61A6649	BonalaMoneysh	P	P	P	P	P	P
50	22Q61A6650	Gundoju Pradeep Chary	P	P	P	P	P	P
51	22Q61A6651	Madhipatla Akhila	P	P	P	P	P	P
52	22Q61A6652	Mohammed Nadeem Anwar	P	P	P	P	P	P
53	22Q61A6653	Pathakunta Prabhakar Reddy	P	P	P	P	P	P
54	22Q61A6654	Pathki Teja	P	P	P	P	P	P
55	22Q61A6655	Pilli Shirisha	P	P	P	P	P	P
56	22Q61A6656	Survi Vivekananda Goud	P	P	P	P	P	P
57	22Q61A6657	Gogineni Harshavardhan	P	P	P	P	P	P
58	22Q61A6658	Koudagani Ramya	A	A	A	A	A	A
59	22Q61A6659	Gugulothu Vishnuvardhan	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ANDROID DEVELOPER FUNDAMENTALS

B.TECH I YEAR-II SEM CSM   A.Y 2022-2023   Date: 26-06-2023 to 01-07-2023

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61A6601	AerramAbhivardhanreddy	36	100
2	22Q61A6602	Allu Abhishek Reddy	36	100
3	22Q61A6603	Amaragani Mahesh	36	100
4	22Q61A6604	Baki Karthik	36	100
5	22Q61A6605	Bhukya Praveen Kumar	36	100
6	22Q61A6606	Billingi Praveen Kumar	36	100
7	22Q61A6607	Bujuru Pranathi Reddy	36	100
8	22Q61A6608	Dammalapati Ajay	36	100
9	22Q61A6609	Gaddam Ragha Varshini	36	100
10	22Q61A6610	Gaddam Vyshnavi	36	100
11	22Q61A6611	Gajjala Vaishnavi	36	100
12	22Q61A6612	Gandhe Archana	36	100
13	22Q61A6613	Godugu Surya	36	100
14	22Q61A6614	Harsh Kumar Vyas	36	100
15	22Q61A6615	Jodu Varshitha	36	100
16	22Q61A6616	Kammadanam Nikhitha	0	0
17	22Q61A6617	Kasaramoni Ajay Kumar	36	100
18	22Q61A6618	KomirellyMaahith Reddy	36	100
19	22Q61A6619	Konatham Raj Kumar	36	100
20	22Q61A6620	Kondapuram Anjith Kumar	36	100
21	22Q61A6621	Kote Sravan	36	100
22	22Q61A6622	Loda Ramakrishna	36	100
23	22Q61A6623	Madamsetti Arun Sagar	36	100
24	22Q61A6624	Madhipatla Gayathri	36	100
25	22Q61A6625	Medagam Adhithya Reddy	36	100
26	22Q61A6626	Mekala Vijay Kanth	36	100
27	22Q61A6627	Nagireddy Sai Ganesh	36	100
28	22Q61A6628	Nakka Varshitha	36	100
29	22Q61A6629	Nalla Trishakala Reddy	0	0
30	22Q61A6630	Podduturi Ramu	36	100
31	22Q61A6631	Ruqaiyyah Tabassum	36	100

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32	22Q61A6632	S Bharath Kumar	36	100
33	22Q61A6633	Samudrala Sridhar	36	100
34	22Q61A6634	Siripuram Rajesh	36	100
35	22Q61A6635	Sudireddy Venkata Reddy	36	100
36	22Q61A6636	V Anitha	36	100
37	22Q61A6637	Vittapu Rishika Sharma	36	100
38	22Q61A6638	Yalamcheruvu Nishitha	0	0
39	22Q61A6639	Yaramala Narsi Reddy	36	100
40	22Q61A6640	Adith Singh	36	100
41	22Q61A6641	Avala Srinivas	36	100
42	22Q61A6642	Godavarthi Tejash Chowdary	36	100
43	22Q61A6643	Ketham Harshavardhan	36	100
44	22Q61A6644	Marikanti Gopi	36	100
45	22Q61A6645	Mekala Ahalya	36	100
46	22Q61A6646	Putluri Mani Deep Reddy	36	100
47	22Q61A6647	Yalaka Aishwarya	36	100
48	22Q61A6648	Amaragani Lokesh	0	0
49	22Q61A6649	BonalaMoneysh	36	100
50	22Q61A6650	Gundoju Pradeep Chary	36	100
51	22Q61A6651	Madhipatla Akhila	36	100
52	22Q61A6652	Mohammed Nadeem Anwar	36	100
53	22Q61A6653	Pathakunta Prabhakar Reddy	36	100
54	22Q61A6654	Pathki Teja	36	100
55	22Q61A6655	Pilli Shirisha	36	100
56	22Q61A6656	Survi Vivekananda Goud	36	100
57	22Q61A6657	Gogineni Harshavardhan	36	100
58	22Q61A6658	Koudagani Ramya	0	0
59	22Q61A6659	Gugulothu Vishnuvardhan	36	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 06.07.2023

COURSE REPORT

Name of The Value added course: Android Developer Fundamentals

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.P.Suresh, Technical Trainer, ASK Training Service.

Name of the Coordinator: Mr.G.Laxminarayana, Assistant Professor.

Number of the Participants: 54

Topics covered: The following topics covered in this program

> ➤ Activities and Intents, Activity Lifecycle and Saving.
> ➤ User Input Controls, Menus, Screen Navigation.
> ➤ Services, Notifications, Alarm managers, Transferring data efficiently
> ➤ Data - saving, retrieving, and loading.
> ➤ Performance and security, Firebase and Ad Mob.

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Ranga Reddy District.

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ASK Training Services

This is to certify that Mr./Ms **B.KARTHIK** bearing Reg.no **22Q61A6604** Has completed **"ANDROID DEVELOPER FUNDAMENTALS"** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **22/06/2023** to **01/07/2023**.

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Proprietor

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Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

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This is to certify that Mr./Ms **P.SHIRISHA** bearing Reg.no **22Q61A6655** Has completed **"ANDROID DEVELOPER FUNDAMENTALS"** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **22/06/2023** to **01/07/2023**.

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2022-23/SEM/I/01   **Dates: 10-11-2022**

CIRCULAR

This is to inform all the II Year MBA students that, the Department organizing an Value added course on **"Emotional Intelligence and Leadership "**.Department Advisory Committee has been identified **Dr.B.Nayeema Assistant Professor in MBA** as a resource person for this course. This course is scheduled for 06 days which will take place from 14-11-2022 to 19-11-2022. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

Head of the Department

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Ranga Reddy District.

Copy to:

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Notice Board

II Year. MBA students

Dept. file

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ABOUT THE COURSE

Emotional intelligence is the way that you combine your thinking with your feelings to make good, authentic decisions and build quality relationshipsPopularized by psychologist Daniel Goleman, emotional intelligence is defined as our capacity to be aware of, to control, and to express emotions. Emotional intelligence enables us as leaders to handle interpersonal relationships judiciously and empathetically..

COURSE OBJECTIVES

- Recognize and Consciously Use Emotional Data to Create and Maintain Productive Workplace Relationships and Team Environments
- Manage and Adapt Emotional Behaviors That Impact Leadership in a Variety of Workplace Situations
- Integrate Empathy to Promote Strong Relationships
- Apply Collaborative, Inclusive, and Creative Communication Practice
- Gain Emotional Insights to Understand and Implement Change.

EXPECTED OUTCOMES

After completion of the course, learners would be able to

- Identify the impact you want to make as a leader.
- Explore tools and strategies to understand yourself and others.
- Describe the importance of aligning values in making a personal impact.
- Understand how to communicate with impact.

Resource Person	Co-ordinator
Dr.B.Nayeema	Mr.M.Naresh
Assistant Professor	Assistant Professor
Department of MBA	Department of MBA

LAST DATE FOR REGISTRATION:12th NOV,2022

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EMOTIONAL INTELLIGENCE IN LEADERSHIP:
— THE KEY TO SUCCESS —

ADD-ON COURSE ON

"EMOTIONAL INTELLIGENCE AND LEADERSHIP"

14th NOV TO 19th NOV,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **EMOTIONAL INTELLIGENCE AND LEADERSHIP**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

MBA II YEAR-I SEM

Course Objectives:

- Recognize and Consciously Use Emotional Data to Create and Maintain Productive Workplace Relationships and Team Environments
- Manage and Adapt Emotional Behaviors That Impact Leadership in a Variety of Workplace Situations
- Integrate Empathy to Promote Strong Relationships
- Apply Collaborative, Inclusive, and Creative Communication Practice
- Gain Emotional Insights to Understand and Implement Change.

Course Outcomes: After completion of the course, learners would be able to

- Identify the impact you want to make as a leader.
- Explore tools and strategies to understand yourself and others.
- Describe the importance of aligning values in making a personal impact.
- Understand how to communicate with impact.

UNIT-I: Integrating Emotional Intelligence and Leadership Competencies: Recognize the Impact Your Emotionally Intelligent Interpersonal Communication Skill Has on Your Colleagues Applied Emotionally Intelligent Speaking and Listening Skills to Leading.

UNIT-II: Achieving Emotionally Intelligent Personal Influence: Assess Your Personal Credibility Quotient to Authentically Influence Others Apply Empathy as a Powerful Influencing Strategy When Planning a Coaching Session Analyze Resistance Through the Lens of EI to Identify Alternative Influencing Approaches.

UNIT-III: Creating Emotionally Intelligent Inspiration: Categorize Your Present Strengths and Liabilities When Seeking to Inspire Others Apply Skills to Inspire Using Emotionally Intelligent Leadership Stories. Describe Collaboration as an Emotionally Intelligent, Relationship-Based Activity Identify Different Types of Leaders or Colleague Inquiry That Strengthen Relationships and Creativity.

UNIT-IV: Managing Change with Emotional Intelligence: Describe How Emotions Impact People's Attitudes toward Change Identify Communication Skills That Leaders Can Use to Move Past Colleagues' Resistance to Change.

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UNIT-V: Leading Emotionally Intelligent Teams: Analyze Your Team's Emotional and Social Intelligence Assess Your Team's Stress Level and Mood to Remain Optimistic and Productive Apply Emotionally Intelligent Mindfulness Practices When the Whole Team or a Single Team Member Experiences Stress

TEXT BOOKS:
1. Ahmetoglu, G., Leutner, F., & Chamorro-Premuzic, T. (2011).
2. Antonakis, J., Ashkanasy, N. M., &Dasborough, M. T. (2009).
3. Ashkanasy, N. M., & Daus, C. S. (2002). Emotion in the workplace: The new challenge for managers. Academy of Management Executive.

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TIME TABLE

CLASS: II YEAR –I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Emotional Intelligence and Leadership	BREAK	Emotional Intelligence and Leadership	LUNCH	Emotional Intelligence and Leadership	BREAK	Emotional Intelligence and Leadership
TUE							
WED							
THU							
FRI							
SAT							

CLASS: II YEAR –I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Emotional Intelligence and Leadership	BREAK	Emotional Intelligence and Leadership	LUNCH	Emotional Intelligence and Leadership	BREAK	Emotional Intelligence and Leadership
TUE							
WED							
THU							
FRI							
SAT							

M. Naresh

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: EMOTIONAL INTELLIGENCE AND LEADERSHIP

ACADEMIC YEAR: 2022-2023   **Date: 10-11-2022**

MBA II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
14-11-2022	Introduction: Data Entry, Storing and Retrieving Files, Generating New Variables; Managing Data	10:00 Am to 04:00 Pm	5hour
15-11-2022	recoding variables, selecting cases, sorting cases, merging files, Graphs	10:00 Am to 04:00 Pm	5hour
16-11-2022	One sample test, Independent samples and paired samples t-test; ANOVAs	10:00 Am to 04:00 Pm	5hour
17-11-2022	Parametric and Non-Parametric Chi-square analysis; Bivariate Correlation and simple scatter Plot	10:00 Am to 04:00 Pm	5hour
18-11-2022	Linear Regression: Simple Linear Regression, Multiple regression analysis with matrix scatter plot; Binary Logistic Regression, Discriminate Analysis.	10:00 Am to 04:00 Pm	5hour
19-11-2022	analysis: Hierarchical Cluster analysis, K-Means Cluster Analysis; Factor analysis / Principal Components Analysis	10:00 Am to 04:00 Pm	5hour
		Total- 30 Hours	

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MBA II YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name Of The Student
1	21Q61E0001	Ammula Srikanth
2	21Q61E0002	Anchanala Ramya
3	21Q61E0003	Anil Mudderaboina
4	21Q61E0004	Anupuram Pavan Sai
5	21Q61E0005	Arutla Deepthi
6	21Q61E0006	Ashadapu Shivakumar
7	21Q61E0007	B Harish
8	21Q61E0008	Bachanagoni Srujana
9	21Q61E0009	Bandam Shireesha
10	21Q61E0010	Bavandlapally Sonali
11	21Q61E0011	Bhimanolla Naveen Kumar
12	21Q61E0012	Boddu Prem Sagar
13	21Q61E0013	Boini Ajay Kumar
14	21Q61E0014	Boosa Raviteja
15	21Q61E0015	Chakilam Manideep
16	21Q61E0016	CheguriChandanasree
17	21Q61E0017	Chiluka Ganesh
18	21Q61E0018	Chitedi Nikitha
19	21Q61E0019	Chitlapally Shiva Kumar
20	21Q61E0020	Chityala Anudeep
21	21Q61E0021	Dharmapuri Sukesh
22	21Q61E0022	Dilli Jayanth
23	21Q61E0023	Dula Karuna
24	21Q61E0024	Elimineti Sandeep Reddy
25	21Q61E0025	EslavathSikinder
26	21Q61E0026	G Venkatesh
27	21Q61E0027	Gaddam Rakesh Reddy
28	21Q61E0028	Gajireddy Rama
29	21Q61E0029	Gajula Rachana
30	21Q61E0030	Ganji Naveen
31	21Q61E0031	Ganjimala Divya
32	21Q61E0032	Giramoni Lalitha
33	21Q61E0033	Gollaboina Manjula
34	21Q61E0034	Gomasa Naveena Rani

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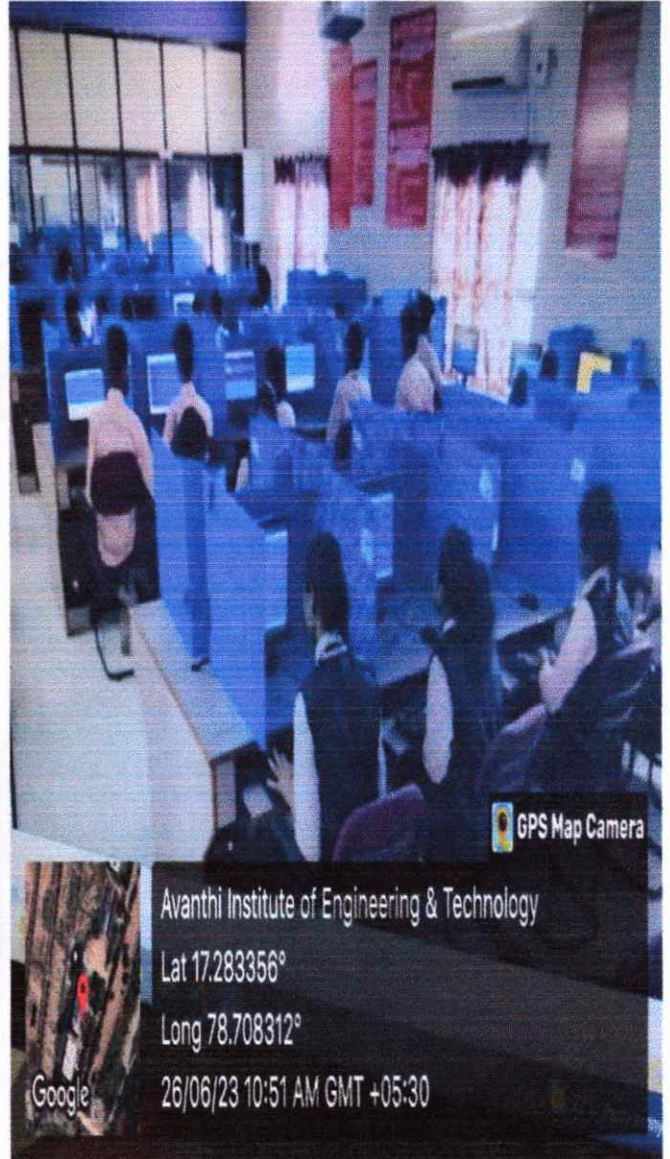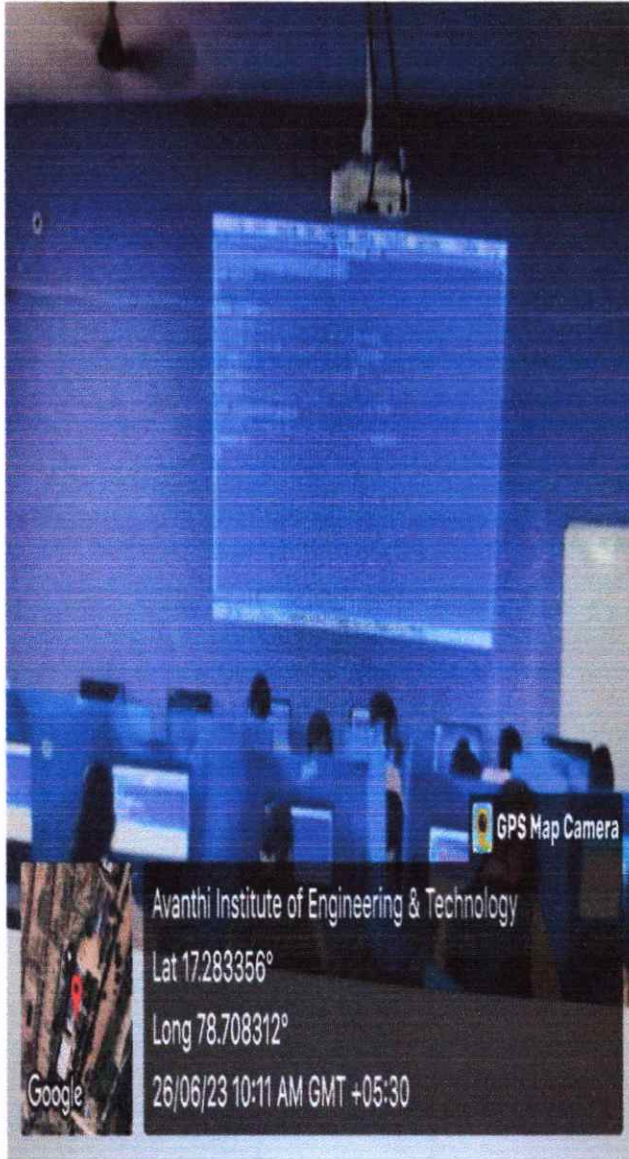Gunthapally (V), Abdullapurmet (md.), R.R. Dist.

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35	21Q61E0035	Gudapati Naga Sowjanya
36	21Q61E0036	Gujjeti Shashidhar
37	21Q61E0037	Gunja Madhu Kumar
38	21Q61E0038	Guntuka Saiteja
39	21Q61E0039	Jallu Mounika
40	21Q61E0040	Jampulla Shivaprasad
41	21Q61E0041	Japala Bhargavi Yadav
42	21Q61E0042	Jhansi Rani Bollu
43	21Q61E0043	Saritha S
44	21Q61E0044	Poojitha B
45	21Q61E0045	N Srikanth
46	21Q61E0046	Madharapu Ranga Rao
47	21Q61E0047	Veldhandi Manimala
48	21Q61E0048	Yarramreddy Chinna Anji
49	21Q61E0049	J Helkana
50	21Q61E0050	V Kaveri
51	21Q61E0051	Vaddepally Pavithra
52	21Q61E0052	Bobbala Samatha
53	21Q61E0053	Muddu Venkata Shiva Kumar
54	21Q61E0054	Sowmya Malkajgiri
55	21Q61E0055	Sowmya Tadichettu
56	21Q61E0056	Bejjam Karunakar
57	21Q61E0057	Mohammad Afirid
58	21Q61E0058	Karkola Kalpana
59	21Q61E0059	G.Sunitha
60	21Q61E0060	G Ankitha
61	21Q61E0061	K Naresh
62	21Q61E0062	K Rajireddy
63	21Q61E0063	Kaki Ramu
64	21Q61E0064	Karingula Mahesh
65	21Q61E0065	Karra Nagamani
66	21Q61E0066	Kasthala Mahesh Babu
67	21Q61E0067	Katkuri Manisha
68	21Q61E0068	Khamampati Chandrika
69	21Q61E0069	Kodesela Shravani
70	21Q61E0070	KothapallyShowshna
71	21Q61E0071	Kummari Tharun
72	21Q61E0072	Lakkireddy Ashokreddy
73	21Q61E0073	Lingampalli Ajay Kumar
74	21Q61E0074	M Raghavendher Goud

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75	21Q61E0075	M Sandya Rani
76	21Q61E0076	Macharla Meghana
77	21Q61E0077	Machkuri Sandhya
78	21Q61E0078	Maddela Pravalika
79	21Q61E0079	Madupu Sairam
80	21Q61E0080	Mahammad Yakub
81	21Q61E0081	Manasa Madidoddi
82	21Q61E0082	Mallarpatel Swathi
83	21Q61E0083	Manda Varsha
84	21Q61E0084	Meghavath Sachin
85	21Q61E0085	Mettu Varsha
86	21Q61E0086	Mohammad Ameer
87	21Q61E0087	Moodampelli Eshwari
88	21Q61E0088	Muthineni Ravindhar

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The Students of II-Year MBA Certificate Program Attending "Emotional Intelligence and Leadership" By the Resource Person "Mrs.Dr.B.Nayeema Assistant Professor"

M. Naresh

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME:EMOTIONAL INTELLIGENCE AND

LEADERSHIP

MBA II YEAR-I SEM　　　　**A.Y 2022-2023**　　　　**Date: 10-11-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name Of The Student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22	19.11.22
1	21Q61E0001	Ammula Srikanth	P	P	P	P	P	P
2	21Q61E0002	Anchanala Ramya	P	P	P	P	P	P
3	21Q61E0003	Anil Mudderaboina	P	P	P	P	P	P
4	21Q61E0004	Anupuram Pavan Sai	P	P	P	P	P	P
5	21Q61E0005	Arutla Deepthi	P	P	P	P	P	P
6	21Q61E0006	Ashadapu Shivakumar	A	A	A	A	A	A
7	21Q61E0007	B Harish	P	P	P	P	P	P
8	21Q61E0008	Bachanagoni Srujana	P	P	P	P	P	P
9	21Q61E0009	Bandam Shireesha	P	P	P	P	P	P
10	21Q61E0010	Bavandlapally Sonali	P	P	P	P	P	P
11	21Q61E0011	Bhimanolla Naveen Kumar	P	P	P	P	P	P
12	21Q61E0012	Boddu Prem Sagar	P	P	P	P	P	P
13	21Q61E0013	Boini Ajay Kumar	P	P	P	P	P	P
14	21Q61E0014	Boosa Raviteja	P	P	P	P	P	P
15	21Q61E0015	Chakilam Manideep	P	P	P	P	P	P
16	21Q61E0016	CheguriChandanasree	A	A	A	A	A	A
17	21Q61E0017	Chiluka Ganesh	P	P	P	P	P	P
18	21Q61E0018	Chitedi Nikitha	P	P	P	P	P	P
19	21Q61E0019	Chitlapally Shiva Kumar	P	P	P	P	P	P
20	21Q61E0020	Chityala Anudeep	P	P	P	P	P	P
21	21Q61E0021	Dharmapuri Sukesh	P	P	P	P	P	P
22	21Q61E0022	Dilli Jayanth	P	P	P	P	P	P
23	21Q61E0023	Dula Karuna	P	P	P	P	P	P
24	21Q61E0024	Elimineti Sandeep Reddy	P	P	P	P	P	P
25	21Q61E0025	EslavathSikinder	P	P	P	P	P	P
26	21Q61E0026	G Venkatesh	P	P	P	P	P	P
27	21Q61E0027	Gaddam Rakesh Reddy	P	P	P	P	P	P
28	21Q61E0028	Gajireddy Rama	P	P	P	P	P	P
29	21Q61E0029	Gajula Rachana	P	P	P	P	P	P
30	21Q61E0030	Ganji Naveen	P	P	P	P	P	P
31	21Q61E0031	Ganjimala Divya	P	P	P	P	P	P
32	21Q61E0032	Giramoni Lalitha	A	A	A	A	A	A
33	21Q61E0033	Gollaboina Manjula	P	P	P	P	P	P
34	21Q61E0034	Gomasa Naveena Rani	P	P	P	P	P	P
35	21Q61E0035	Gudapati Naga Sowjanya	P	P	P	P	P	P
36	21Q61E0036	Gujjeti Shashidhar	P	P	P	P	P	P

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37	21Q61E0037	Gunja Madhu Kumar	P	P	P	P	P	P
38	21Q61E0038	Guntuka Saiteja	P	P	P	P	P	P
39	21Q61E0039	Jallu Mounika	P	P	P	P	P	P
40	21Q61E0040	Jampulla Shivaprasad	P	P	P	P	P	P
41	21Q61E0041	Japala Bhargavi Yadav	P	P	P	P	P	P
42	21Q61E0042	Jhansi Rani Bollu	P	P	P	P	P	P
43	21Q61E0043	Saritha S	P	P	P	P	P	P
44	21Q61E0044	Poojitha B	P	P	P	P	P	P
45	21Q61E0045	N Srikanth	A	A	A	A	A	A
46	21Q61E0046	Madharapu Ranga Rao	P	P	P	P	P	P
47	21Q61E0047	Veldhandi Manimala	P	P	P	P	P	P
48	21Q61E0048	Yarramreddy Chinna Anji	P	P	P	P	P	P
49	21Q61E0049	J Helkana	P	P	P	P	P	P
50	21Q61E0050	V Kaveri	A	A	A	A	A	A
51	21Q61E0051	Vaddepally Pavithra	P	P	P	P	P	P
52	21Q61E0052	Bobbala Samatha	P	P	P	P	P	P
53	21Q61E0053	Muddu Venkata Shiva Kumar	P	P	P	P	P	P
54	21Q61E0054	Sowmya Malkajgiri	P	P	P	P	P	P
55	21Q61E0055	Sowmya Tadichettu	P	P	P	P	P	P
56	21Q61E0056	Bejjam Karunakar	P	P	P	P	P	P
57	21Q61E0057	Mohammad Afirid	P	P	P	P	P	P
58	21Q61E0058	Karkola Kalpana	P	P	P	P	P	P
59	21Q61E0059	G.Sunitha	P	P	P	P	P	P
60	21Q61E0060	G Ankitha	P	P	P	P	P	P
61	21Q61E0061	K Naresh	P	P	P	P	P	P
62	21Q61E0062	K Rajireddy	P	P	P	P	P	P
63	21Q61E0063	Kaki Ramu	A	A	A	A	A	A
64	21Q61E0064	Karingula Mahesh	P	P	P	P	P	P
65	21Q61E0065	Karra Nagamani	P	P	P	P	P	P
66	21Q61E0066	Kasthala Mahesh Babu	P	P	P	P	P	P
67	21Q61E0067	Katkuri Manisha	P	P	P	P	P	P
68	21Q61E0068	Khamampati Chandrika	P	P	P	P	P	P
69	21Q61E0069	Kodesela Shravani	P	P	P	P	P	P
70	21Q61E0070	KothapallyShowshna	P	P	P	P	P	P
71	21Q61E0071	Kummari Tharun	P	P	P	P	P	P
72	21Q61E0072	Lakkireddy Ashokreddy	P	P	P	P	P	P
73	21Q61E0073	Lingampalli Ajay Kumar	P	P	P	P	P	P
74	21Q61E0074	M Raghavendher Goud	P	P	P	P	P	P
75	21Q61E0075	M Sandya Rani	P	P	P	P	P	P
76	21Q61E0076	Macharla Meghana	P	P	P	P	P	P
77	21Q61E0077	Machkuri Sandhya	P	P	P	P	P	P
78	21Q61E0078	Maddela Pravalika	P	P	P	P	P	P
79	21Q61E0079	Madupu Sairam	P	P	P	P	P	P
80	21Q61E0080	Mahammad Yakub	P	P	P	P	P	P
81	21Q61E0081	Manasa Madidoddi	P	P	P	P	P	P

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82	21Q61E0082	Mallarpatel Swathi	A	A	A	A	A	A
83	21Q61E0083	Manda Varsha	P	P	P	P	P	P
84	21Q61E0084	Meghavath Sachin	P	P	P	P	P	P
85	21Q61E0085	Mettu Varsha	P	P	P	P	P	P
86	21Q61E0086	Mohammad Ameer	A	A	A	A	A	A
87	21Q61E0087	Moodampelli Eshwari	P	P	P	P	P	P
88	21Q61E0088	Muthineni Ravindhar	P	P	P	P	P	P

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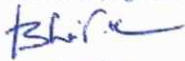CO ORDINATOR
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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **EMOTIONAL INTELLIGENCE AND LEADERSHIP**

MBA II YEAR-I SEM   **A.Y 2022-2023**   **Date: 14-11-2022 to 19-11-2022**

S.No	Roll Number	Name Of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61E0001	Ammula Srikanth	30	100
2	21Q61E0002	Anchanala Ramya	30	100
3	21Q61E0003	Anil Mudderaboina	30	100
4	21Q61E0004	Anupuram Pavan Sai	30	100
5	21Q61E0005	Arutla Deepthi	30	100
6	21Q61E0006	Ashadapu Shivakumar	0	0
7	21Q61E0007	B Harish	30	100
8	21Q61E0008	Bachanagoni Srujana	30	100
9	21Q61E0009	Bandam Shireesha	30	100
10	21Q61E0010	Bavandlapally Sonali	30	100
11	21Q61E0011	Bhimanolla Naveen Kumar	30	100
12	21Q61E0012	Boddu Prem Sagar	30	100
13	21Q61E0013	Boini Ajay Kumar	30	100
14	21Q61E0014	Boosa Raviteja	30	100
15	21Q61E0015	Chakilam Manideep	30	100
16	21Q61E0016	CheguriChandanasree	0	0
17	21Q61E0017	Chiluka Ganesh	30	100
18	21Q61E0018	Chitedi Nikitha	30	100
19	21Q61E0019	Chitlapally Shiva Kumar	30	100
20	21Q61E0020	Chityala Anudeep	30	100
21	21Q61E0021	Dharmapuri Sukesh	30	100
22	21Q61E0022	Dilli Jayanth	30	100
23	21Q61E0023	Dula Karuna	30	100
24	21Q61E0024	Elimineti Sandeep Reddy	30	100
25	21Q61E0025	EslavathSikinder	30	100
26	21Q61E0026	G Venkatesh	30	100
27	21Q61E0027	Gaddam Rakesh Reddy	30	100
28	21Q61E0028	Gajireddy Rama	30	100
29	21Q61E0029	Gajula Rachana	30	100
30	21Q61E0030	Ganji Naveen	30	100
31	21Q61E0031	Ganjimala Divya	30	100
32	21Q61E0032	Giramoni Lalitha	0	0
33	21Q61E0033	Gollaboina Manjula	30	100

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34	21Q61E0034	Gomasa Naveena Rani	30	100
35	21Q61E0035	Gudapati Naga Sowjanya	30	100
36	21Q61E0036	Gujjeti Shashidhar	30	100
37	21Q61E0037	Gunja Madhu Kumar	30	100
38	21Q61E0038	Guntuka Saiteja	30	100
39	21Q61E0039	Jallu Mounika	30	100
40	21Q61E0040	Jampulla Shivaprasad	30	100
41	21Q61E0041	Japala Bhargavi Yadav	30	100
42	21Q61E0042	Jhansi Rani Bollu	30	100
43	21Q61E0043	Saritha S	30	100
44	21Q61E0044	Poojitha B	30	100
45	21Q61E0045	N Srikanth	0	0
46	21Q61E0046	Madharapu Ranga Rao	30	100
47	21Q61E0047	Veldhandi Manimala	30	100
48	21Q61E0048	Yarramreddy Chinna Anji	30	100
49	21Q61E0049	J Helkana	30	100
50	21Q61E0050	V Kaveri	0	0
51	21Q61E0051	Vaddepally Pavithra	30	100
52	21Q61E0052	Bobbala Samatha	30	100
53	21Q61E0053	Muddu Venkata Shiva Kumar	30	100
54	21Q61E0054	Sowmya Malkajgiri	30	100
55	21Q61E0055	Sowmya Tadichettu	30	100
56	21Q61E0056	Bejjam Karunakar	30	100
57	21Q61E0057	Mohammad Afirid	30	100
58	21Q61E0058	Karkola Kalpana	30	100
59	21Q61E0059	G.Sunitha	30	100
60	21Q61E0060	G Ankitha	30	100
61	21Q61E0061	K Naresh	30	100
62	21Q61E0062	K Rajireddy	30	100
63	21Q61E0063	Kaki Ramu	0	0
64	21Q61E0064	Karingula Mahesh	30	100
65	21Q61E0065	Karra Nagamani	30	100
66	21Q61E0066	Kasthala Mahesh Babu	30	100
67	21Q61E0067	Katkuri Manisha	30	100
68	21Q61E0068	Khamampati Chandrika	30	100
69	21Q61E0069	Kodesela Shravani	30	100
70	21Q61E0070	KothapallyShowshna	30	100
71	21Q61E0071	Kummari Tharun	30	100
72	21Q61E0072	Lakkireddy Ashokreddy	30	100
73	21Q61E0073	Lingampalli Ajay Kumar	30	100

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74	21Q61E0074	M Raghavendher Goud	30	100
75	21Q61E0075	M Sandya Rani	30	100
76	21Q61E0076	Macharla Meghana	30	100
77	21Q61E0077	Machkuri Sandhya	30	100
78	21Q61E0078	Maddela Pravalika	30	100
79	21Q61E0079	Madupu Sairam	30	100
80	21Q61E0080	Mahammad Yakub	30	100
81	21Q61E0081	Manasa Madidoddi	30	100
82	21Q61E0082	Mallarpatel Swathi	0	0
83	21Q61E0083	Manda Varsha	30	100
84	21Q61E0084	Meghavath Sachin	30	100
85	21Q61E0085	Mettu Varsha	30	100
86	21Q61E0086	Mohammad Ameer	0	0
87	21Q61E0087	Moodampelli Eshwari	30	100
88	21Q61E0088	Muthineni Ravindhar	30	100

M. Naveen

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 25-11-2022

COURSE REPORT

Name of The Value added course: Emotional Intelligence and Leadership

Day/Duration: 06 Days (30Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr.B.Nayeema Assistant Professor

Name of the Coordinator: Mr. M. Naresh Assistant Professor

Number of the Participants: 80

Topics covered: The following topics covered in this program

  ➤ Integrating Emotional Intelligence and Leadership Competencies.
  ➤ Achieving Emotionally Intelligent Personal Influence.
  ➤ Creating Emotionally Intelligent Inspiration.
  ➤ Managing Change with Emotional Intelligence.
  ➤ Leading Emotionally Intelligent Teams

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Anchanala Ramya** Bearing roll number **21Q61E0002** from the department of **Master of Business and Administration** completed the value added course on **"EMOTIONAL INTELLIGENCE & LEADERSHIP"** During the year **2022-23**.

Head of The Department

Head of the Department
MBA
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Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator

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Principal

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Gujjeti Shashidhar** Bearing roll number **21Q61E0036** from the

department of **Master of Business and Administration** completed the value added course on

"EMOTIONAL INTELLIGENCE & LEADERSHIP" During the year **2022-23.**

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Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

M. Naresh

Co-Ordinator

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PRINCIPAL
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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2022-23/SEM/I/02   **Dates: 01-12-2022**

CIRCULAR

This is to inform all the I Year MBA students that, the Department organizing an Value added course on **"Production and Inventory Management "**.Department Advisory Committee has been identified **Dr.N.Ramana Reddy Assistant Professor in MBA** as a resource person for this course. This course is scheduled for 06 days which will take place from 05-12-2022 to 10-12-2022. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

HOD

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmiet (Mdl),
Ranga Reddy District,

Copy to:

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Notice Board

I Year. MBA students

Dept. file

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Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

The Certified in Production and Inventory Management [CPIM] is a professional certification, provided by APICS since 1973, recognized globally as a standard in production and inventory management. This certification enhances the professional value of the individual, increases the earning potential and provides a career advantage over peers. One can learn necessary terminologies, concepts and strategies related to various knowledge areas like procurement and supplier planning, demand management, MRP, capacity requirements planning, sales and operations planning, master scheduling, performance measurements, supplier relationships.

COURSE OBJECTIVES

- Understand Manufacturing 4.0 and appreciate technology integration in smart production
- Understand the various production and operations design decisions and how they relate to the overall strategies of organizations.
- Understand the importance of product and service design decisions and its impact other design decisions and operations.
- Obtain an understanding of quality management practice in organizations and how total quality management and six-sigma facilitate organizational effectiveness.
- Understand the roles of inventories and basics of managing inventories in various demand settings.

EXPECTED OUTCOMES

After completion of the course, learners would be able to

- Students will develop an integrated framework for strategic thinking and decision making to analyse the enterprise as a whole with a specific focus on production delivery processes
- Understand the knowledge on core features of the operations and production management function
- Sensitive to the impact on environments while dealing with production, use of technology and waste management

Resource Person
Dr.N.Ramana Reddy
Assistant Professor
Department of MBA

PRINCIPAL
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untihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Mr.D.Manikanta
Assistant Professor
Department of MBA

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NAAC

Production and Inventory Management

ADD-ON COURSE ON

"PRODUCTION AND INVENTORY MANAGEMENT"

05th DEC TO 10th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

LAST DATE FOR REGISTRATION:03rd DEC,2022

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: PRODUCTION AND INVENTORY MANAGEMENT

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

MBA I YEAR-I SEM

Course Objectives:

- Understand Manufacturing 4.0 and appreciate technology integration in smart production
- Understand the various production and operations design decisions and how they relate to the overall strategies of organizations.
- Understand the importance of product and service design decisions and its impact other design decisions and operations.
- Obtain an understanding of quality management practice in organizations and how total quality management and six-sigma facilitate organizational effectiveness.
- Understand the roles of inventories and basics of managing inventories in various demand settings.

Course Outcomes: After completion of the course, learners would be able to

- Students will develop an integrated framework for strategic thinking and decision making to analyse the enterprise as a whole with a specific focus on production delivery processes
- Understand the knowledge on core features of the operations and production management function
- Sensitive to the impact on environments while dealing with production, use of technology and waste management

Module I: Manufacturing Operations Management - The Smart Backbone of Industry 4.0; Introduction, Basic concepts of Manufacturing Operations Management (MOM)/ Manufacturing Execution System (MES) for Industry 4.0**Smart manufacturing;** The roots of smart manufacturing, Pillars of smart manufacturing; Pillar 1: Manufacturing technology and processes, Pillar 2: Materials, Pillar 3: Data, Pillar 4: Predictive engineering, Pillar 5: Sustainability, Pillar 6: Resource sharing and networking.

Module II: Operations Management and Strategy; Operations Decisions - A Framework, Cross-Functional Decision Making, Operations as a Process.

Process Analysis; key elements of process analysis: flow rates, and flow times, uncover bottlenecks; optimize labour and inventory, and complexities of multiple flow units.

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Module III: Inventory Management; Purpose of Inventories, Costs of Inventories, Independent versus Dependent Demand, Economic Order Quantity, Continuous Review System, Periodic Review System, Using P and Q System in Practice, ABC Inventory Management, Betting on the Uncertain Demand. Service Levels and Lead Times; Newsvendor Model

Module IV: Quality; quality in operations, from examining the common reasons for defects to the most widely used implementation techniques for addressing problems of quality and ensuring reliability and standards. Sound strategy for maintaining quality and stability.

Module V: Scheduling and Sequencing; Objective of Scheduling, Advanced Planning and Scheduling System. Sequencing; Gantt chart, Sequencing model - "n" jobs 1 machine, "n" jobs 2 machines, "n" jobs "m" machines **Service Operation Scheduling;** Waiting Line Problems. Effect of Randomness on Throughput. Thru put Loss due to Impatience / Limited Buffers.

TEXT BOOKS:

1. OM by Chase, Jacobs, Aquilano, Agarwal
2. Krajewski, Ritzman, Malhotra- Operations Management, Pearson
3. Gaither, Frazier, Operations Management, CENAGE

REFERENCE BOOKS:

1. Roberta S. Russell & Bernard W. Taylor III, - "Operations Management", Pearson/ PHI-(PPT)
2. Everette. Adam Jr., Ronald J. Ebert, - "Production and Operations Management", PHI
3. B. MAHADEVAN, "OPERATIONS MAANGEMENT" FOR CASELETS

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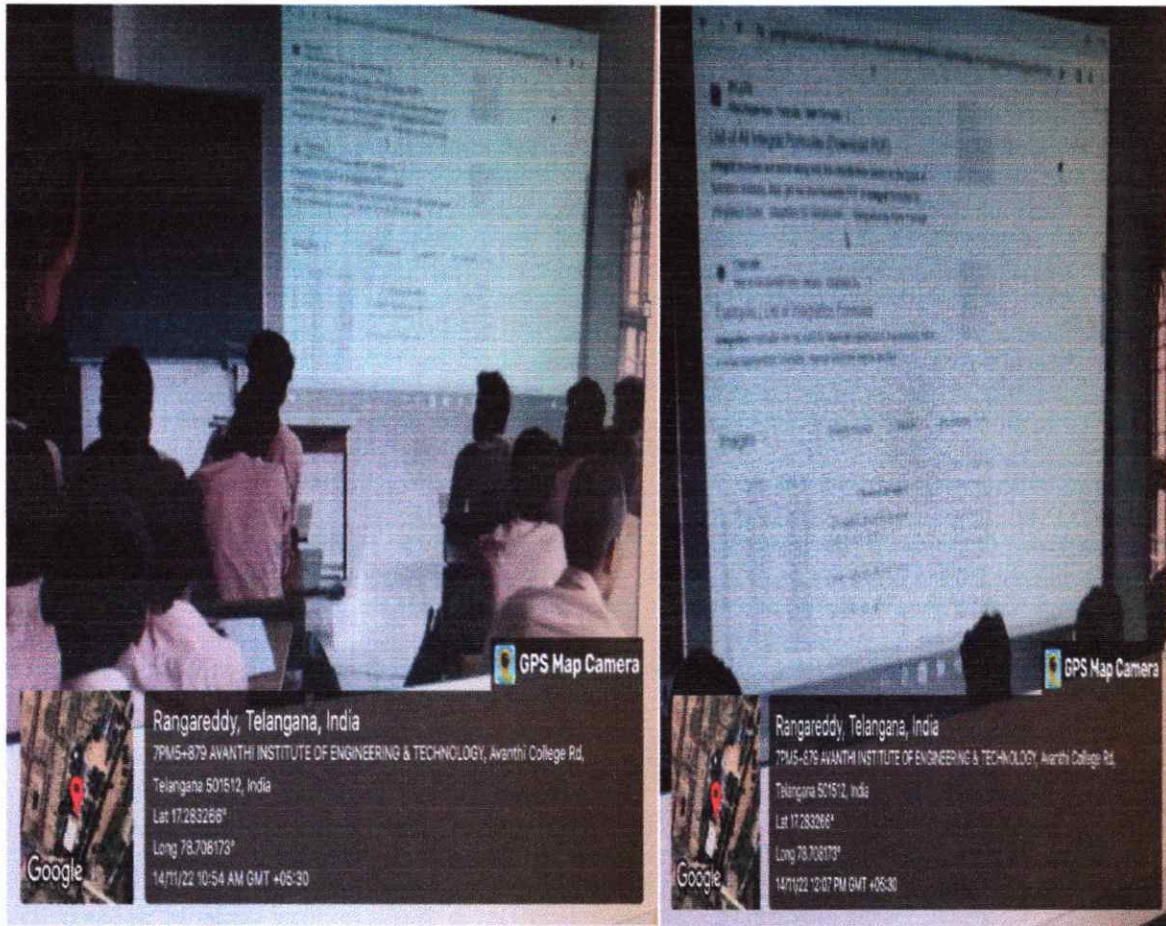Avanthi Institute of Engineering and Technology

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TIME TABLE

CLASS: I YEAR – I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	PRODUCTION AND INVENTORY MANAGEMENT	BREAK	PRODUCTION AND INVENTORY MANAGEMENT	LUNCH	PRODUCTION AND INVENTORY MANAGEMENT	BREAK	PRODUCTION AND INVENTORY MANAGEMENT
TUE							
WED							
THU							
FRI							
SAT							

CLASS: I YEAR – I SEM
SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	PRODUCTION AND INVENTORY MANAGEMENT	BREAK	PRODUCTION AND INVENTORY MANAGEMENT	LUNCH	PRODUCTION AND INVENTORY MANAGEMENT	BREAK	PRODUCTION AND INVENTORY MANAGEMENT
TUE							
WED							
THU							
FRI							
SAT							

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VALUE ADDED COURSE NAME: **PRODUCTION AND INVENTORY MANAGEMENT**

ACADEMIC YEAR: 2022-2023　　　　　　　　**Dates: 01-12-2022**

MBA I YEAR-I SEM　　　　　　　　　　**DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
05-12-2022	Introduction, **B**asic concepts of Manufacturing Operations Management.	10:00 Am to 04:00 Pm	5hour
06-12-2022	Operations Decisions - A Framework, Cross-Functional Decision Making, Operations as a Process	10:00 Am to 04:00 Pm	5hour
07-12-2022	Purpose of Inventories, Costs of Inventories	10:00 Am to 04:00 Pm	5hour
08-12-2022	Quality in operations, from examining the common reasons for defects	10:00 Am to 04:00 Pm	5hour
09-12-2022	Objective of Scheduling Advanced Planning and Scheduling System.	10:00 Am to 04:00 Pm	5hour
10-12-2022	Waiting Line Problems. Effect of Randomness on Throughput. thru put Loss due to Impatience.	10:00 Am to 04:00 Pm	5hour
		Total- 30 Hours	

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MBA I YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name Of The Student
1	22Q61E0001	A Lavanya
2	22Q61E0002	A Radhika
3	22Q61E0003	Akiti Shireesha
4	22Q61E0004	Alli Vaishanavi
5	22Q61E0005	Anagandula Gopi
6	22Q61E0006	Anangi Srinivas Yadav
7	22Q61E0007	Anthati Vani
8	22Q61E0008	Apuri Sai Krishna
9	22Q61E0009	Avunuri Kalyani
10	22Q61E0010	B Yadagiri
11	22Q61E0011	Bandari Shylaja
12	22Q61E0012	Bathula Deepthi
13	22Q61E0013	Bedh Ajay
14	22Q61E0014	Bollam Manisha
15	22Q61E0015	Budda Bhargavi
16	22Q61E0016	C Sampath Kumar
17	22Q61E0017	Cheguri Shiva
18	22Q61E0018	Chenchala Manusha
19	22Q61E0019	Chenchala Shilpa
20	22Q61E0020	Cherukumalli Vamsi
21	22Q61E0021	Chinnapaka Sandhya
22	22Q61E0022	Chintala Raveena
23	22Q61E0023	ChunchuSravankumar
24	22Q61E0024	D Raghu
25	22Q61E0025	Dasari Manasa
26	22Q61E0026	Dhanavath Bangari
27	22Q61E0027	Dhanuri Shashikumar
28	22Q61E0028	Dongari Pravalika
29	22Q61E0029	Gandu Anil Kumar
30	22Q61E0030	Gogula Narsimha
31	22Q61E0031	Golakonda Vishnu
32	22Q61E0032	Gollena Mounika
33	22Q61E0033	Gouni Santhosh Kumar
34	22Q61E0034	Govala Rekha

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35	22Q61E0035	Gunti Surya Roshini
36	22Q61E0036	Jakkani Vinay
37	22Q61E0037	Jakkula Madhuri
38	22Q61E0038	Jannumahanthi Tejaswini
39	22Q61E0039	JarpulavathSikhindhar
40	22Q61E0040	K Jagan-Not Register
41	22Q61E0041	K Mahesh Kumar
42	22Q61E0042	Kallu Swapna
43	22Q61E0043	Godugu Shivani
44	22Q61E0044	K Govardhani
45	22Q61E0045	Kandukuri Shravani
46	22Q61E0046	Tekumatla Aishwarya
47	22Q61E0047	Dokku Pranathi
48	22Q61E0048	Paladi Manusha
49	22Q61E0049	Kura Samanth Reddy
50	22Q61E0050	Ranga Prudhvi Raj
51	22Q61E0051	Chitturi Harsha Vardhan
52	22Q61E0052	Bathini Akhila
53	22Q61E0053	Puttoju Nikhitha
54	22Q61E0054	Yata Bhanu Prakash
55	22Q61E0055	Iyar Akshith
56	22Q61E0056	M Shilpa
57	22Q61E0057	Ponnaganti Sravani
58	22Q61E0058	Kasoju Arun
59	22Q61E0059	Shaik Mohammed Arif
60	22Q61E0060	Nagubandi Karuniya
61	22Q61E0061	Kamanaboina Shivakumar
62	22Q61E0062	Kankanala Anjal Rddy
63	22Q61E0063	KarangulaAbhikya
64	22Q61E0064	Karani Ramya
65	22Q61E0065	Karnati Srilaxmi
66	22Q61E0066	Kethavath Anji
67	22Q61E0067	Kolluri Srinivas
68	22Q61E0068	Komaram Sravan Kumar
69	22Q61E0069	Korem Akhil
70	22Q61E0070	Kotha Sai Krishna
71	22Q61E0071	Kumbam Soni
72	22Q61E0072	Lubna Tabassum
73	22Q61E0073	M Prashanti
74	22Q61E0074	M Sravani

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75	22Q61E0075	Mallarapu Vamshi
76	22Q61E0076	Mandala Ravali
77	22Q61E0077	Mandla Pooja
78	22Q61E0078	Matta Srujana
79	22Q61E0079	Matte Shashi Kumar
80	22Q61E0080	Menthula Alekhya
81	22Q61E0081	Merugu Sravani Yadav
82	22Q61E0082	Mididoddi Sairam
83	22Q61E0083	Mohammad Waseem
84	22Q61E0084	Mohammed Feroz
85	22Q61E0085	Moola Abhishek
86	22Q61E0086	Nakka Karthik
87	22Q61E0087	Naraman Prathibha
88	22Q61E0088	Narsing Teja
89	22Q61E0089	Naykwad Karthik Kumar
90	22Q61E0090	Nenavath Praveen

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The Students of I-Year MBA Certificate Program Production and Inventory Management by the resource person "Dr.N.Ramana Reddy Assistant Professor"

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MBA I YEAR-I SEM   **A.Y 2022-2023**   **Date:01-12-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name Of The Student	05.12.22	06.12.22	07.12.22	08.12.22	09.12.22	10.12.22
1	22Q61E0001	A Lavanya	P	P	P	P	P	P
2	22Q61E0002	A Radhika	P	P	P	P	P	P
3	22Q61E0003	Akiti Shireesha	P	P	P	P	P	P
4	22Q61E0004	Alli Vaishanavi	P	P	P	P	P	P
5	22Q61E0005	Anagandula Gopi	P	P	P	P	P	P
6	22Q61E0006	Anangi Srinivas Yadav	P	P	P	P	P	P
7	22Q61E0007	Anthati Vani	A	A	A	A	A	A
8	22Q61E0008	Apuri Sai Krishna	P	P	P	P	P	P
9	22Q61E0009	Avunuri Kalyani	P	P	P	P	P	P
10	22Q61E0010	B Yadagiri	P	P	P	P	P	P
11	22Q61E0011	Bandari Shylaja	P	P	P	P	P	P
12	22Q61E0012	Bathula Deepthi	P	P	P	P	P	P
13	22Q61E0013	Bedh Ajay	P	P	P	P	P	P
14	22Q61E0014	Bollam Manisha	P	P	P	P	P	P
15	22Q61E0015	Budda Bhargavi	P	P	P	P	P	P
16	22Q61E0016	C Sampath Kumar	P	P	P	P	P	P
17	22Q61E0017	Cheguri Shiva	P	P	P	P	P	P
18	22Q61E0018	Chenchala Manusha	P	P	P	P	P	P
19	22Q61E0019	Chenchala Shilpa	P	P	P	P	P	P
20	22Q61E0020	Cherukumalli Vamsi	P	P	P	P	P	P
21	22Q61E0021	Chinnapaka Sandhya	P	P	P	P	P	P
22	22Q61E0022	Chintala Raveena	P	P	P	P	P	P
23	22Q61E0023	ChunchuSravankumar	P	P	P	P	P	P
24	22Q61E0024	D Raghu	P	P	P	P	P	P
25	22Q61E0025	Dasari Manasa	P	P	P	P	P	P
26	22Q61E0026	Dhanavath Bangari	P	P	P	P	P	P
27	22Q61E0027	Dhanuri Shashikumar	P	P	P	P	P	P
28	22Q61E0028	Dongari Pravalika	A	A	A	A	A	A
29	22Q61E0029	Gandu Anil Kumar	P	P	P	P	P	P
30	22Q61E0030	Gogula Narsimha	P	P	P	P	P	P
31	22Q61E0031	Golakonda Vishnu	P	P	P	P	P	P
32	22Q61E0032	Gollena Mounika	P	P	P	P	P	P
33	22Q61E0033	Gouni Santhosh Kumar	P	P	P	P	P	P
34	22Q61E0034	Govala Rekha	P	P	P	P	P	P
35	22Q61E0035	Gunti Surya Roshini	P	P	P	P	P	P
36	22Q61E0036	Jakkani Vinay	P	P	P	P	P	P
37	22Q61E0037	Jakkula Madhuri	P	P	P	P	P	P

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38	22Q61E0038	Jannumahanthi Tejaswini	P	P	P	P	P	P
39	22Q61E0039	JarpulavathSikhindhar	P	P	P	P	P	P
40	22Q61E0040	K Jagan-Not Register	P	P	P	P	P	P
41	22Q61E0041	K Mahesh Kumar	P	P	P	P	P	P
42	22Q61E0042	Kallu Swapna	A	A	A	A	A	A
43	22Q61E0043	Godugu Shivani	P	P	P	P	P	P
44	22Q61E0044	K Govardhani	P	P	P	P	P	P
45	22Q61E0045	Kandukuri Shravani	P	P	P	P	P	P
46	22Q61E0046	Tekumatla Aishwarya	P	P	P	P	P	P
47	22Q61E0047	Dokku Pranathi	P	P	P	P	P	P
48	22Q61E0048	Paladi Manusha	P	P	P	P	P	P
49	22Q61E0049	Kura Samanth Reddy	P	P	P	P	P	P
50	22Q61E0050	Ranga Prudhvi Raj	P	P	P	P	P	P
51	22Q61E0051	Chitturi Harsha Vardhan	P	P	P	P	P	P
52	22Q61E0052	Bathini Akhila	P	P	P	P	P	P
53	22Q61E0053	Puttoju Nikhitha	P	P	P	P	P	P
54	22Q61E0054	Yata Bhanu Prakash	P	P	P	P	P	P
55	22Q61E0055	Iyar Akshith	P	P	P	P	P	P
56	22Q61E0056	M Shilpa	P	P	P	P	P	P
57	22Q61E0057	Ponnaganti Sravani	P	P	P	P	P	P
58	22Q61E0058	Kasoju Arun	P	P	P	P	P	P
59	22Q61E0059	Shaik Mohammed Arif	P	P	P	P	P	P
60	22Q61E0060	Nagubandi Karuniya	P	P	P	P	P	P
61	22Q61E0061	Kamanaboina Shivakumar	P	P	P	P	P	P
62	22Q61E0062	Kankanala Anjal Rddy	P	P	P	P	P	P
63	22Q61E0063	KarangulaAbhikya	P	P	P	P	P	P
64	22Q61E0064	Karani Ramya	P	P	P	P	P	P
65	22Q61E0065	Karnati Srilaxmi	P	P	P	P	P	P
66	22Q61E0066	Kethavath Anji	A	A	A	A	A	A
67	22Q61E0067	Kolluri Srinivas	P	P	P	P	P	P
68	22Q61E0068	Komaram Sravan Kumar	P	P	P	P	P	P
69	22Q61E0069	Korem Akhil	P	P	P	P	P	P
70	22Q61E0070	Kotha Sai Krishna	P	P	P	P	P	P
71	22Q61E0071	Kumbam Soni	P	P	P	P	P	P
72	22Q61E0072	Lubna Tabassum	P	P	P	P	P	P
73	22Q61E0073	M Prashanti	P	P	P	P	P	P
74	22Q61E0074	M Sravani	P	P	P	P	P	P
75	22Q61E0075	Mallarapu Vamshi	P	P	P	P	P	P
76	22Q61E0076	Mandala Ravali	P	P	P	P	P	P
77	22Q61E0077	Mandla Pooja	P	P	P	P	P	P
78	22Q61E0078	Matta Srujana	P	P	P	P	P	P
79	22Q61E0079	Matte Shashi Kumar	P	P	P	P	P	P
80	22Q61E0080	Menthula Alekhya	P	P	P	P	P	P
81	22Q61E0081	Merugu Sravani Yadav	P	P	P	P	P	P
82	22Q61E0082	Mididoddi Sairam	P	P	P	P	P	P

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83	22Q61E0083	Mohammad Waseem	P	P	P	P	P	P
84	22Q61E0084	Mohammed Feroz	P	P	P	P	P	P
85	22Q61E0085	Moola Abhishek	P	P	P	P	P	P
86	22Q61E0086	Nakka Karthik	P	P	P	P	P	P
87	22Q61E0087	Naraman Prathibha	A	A	A	A	A	A
88	22Q61E0088	Narsing Teja	P	P	P	P	P	P
89	22Q61E0089	Naykwad Karthik Kumar	P	P	P	P	P	P
90	22Q61E0090	Nenavath Praveen	P	P	P	P	P	P

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **PRODUCTION AND INVENTORY MANAGEMENT**

MBA I YEAR-I SEM   **A.Y 2022-2023**   **Date: 05-12-2022 to 10-12-2022**

S.No	Roll Number	Name Of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61E0001	A Lavanya	30	100
2	22Q61E0002	A Radhika	30	100
3	22Q61E0003	Akiti Shireesha	30	100
4	22Q61E0004	Alli Vaishanavi	30	100
5	22Q61E0005	Anagandula Gopi	30	100
6	22Q61E0006	Anangi Srinivas Yadav	30	100
7	22Q61E0007	Anthati Vani	0	0
8	22Q61E0008	Apuri Sai Krishna	30	100
9	22Q61E0009	Avunuri Kalyani	30	100
10	22Q61E0010	B Yadagiri	30	100
11	22Q61E0011	Bandari Shylaja	30	100
12	22Q61E0012	Bathula Deepthi	30	100
13	22Q61E0013	Bedh Ajay	30	100
14	22Q61E0014	Bollam Manisha	30	100
15	22Q61E0015	Budda Bhargavi	30	100
16	22Q61E0016	C Sampath Kumar	30	100
17	22Q61E0017	Cheguri Shiva	30	100
18	22Q61E0018	Chenchala Manusha	30	100
19	22Q61E0019	Chenchala Shilpa	30	100
20	22Q61E0020	Cherukumalli Vamsi	30	100
21	22Q61E0021	Chinnapaka Sandhya	30	100
22	22Q61E0022	Chintala Raveena	30	100
23	22Q61E0023	ChunchuSravankumar	30	100
24	22Q61E0024	D Raghu	30	100
25	22Q61E0025	Dasari Manasa	30	100
26	22Q61E0026	Dhanavath Bangari	30	100
27	22Q61E0027	Dhanuri Shashikumar	30	100
28	22Q61E0028	Dongari Pravalika	0	0
29	22Q61E0029	Gandu Anil Kumar	30	100
30	22Q61E0030	Gogula Narsimha	30	100
31	22Q61E0031	Golakonda Vishnu	30	100
32	22Q61E0032	Gollena Mounika	30	100
33	22Q61E0033	Gouni Santhosh Kumar	30	100

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34	22Q61E0034	Govala Rekha	30	100
35	22Q61E0035	Gunti Surya Roshini	30	100
36	22Q61E0036	Jakkani Vinay	30	100
37	22Q61E0037	Jakkula Madhuri	30	100
38	22Q61E0038	Jannumahanthi Tejaswini	30	100
39	22Q61E0039	JarpulavathSikhindhar	30	100
40	22Q61E0040	K Jagan-Not Register	30	100
41	22Q61E0041	K Mahesh Kumar	30	100
42	22Q61E0042	Kallu Swapna	0	0
43	22Q61E0043	Godugu Shivani	30	100
44	22Q61E0044	K Govardhani	30	100
45	22Q61E0045	Kandukuri Shravani	30	100
46	22Q61E0046	Tekumatla Aishwarya	30	100
47	22Q61E0047	Dokku Pranathi	30	100
48	22Q61E0048	Paladi Manusha	30	100
49	22Q61E0049	Kura Samanth Reddy	30	100
50	22Q61E0050	Ranga Prudhvi Raj	30	100
51	22Q61E0051	Chitturi Harsha Vardhan	30	100
52	22Q61E0052	Bathini Akhila	30	100
53	22Q61E0053	Puttoju Nikhitha	30	100
54	22Q61E0054	Yata Bhanu Prakash	30	100
55	22Q61E0055	Iyar Akshith	30	100
56	22Q61E0056	M Shilpa	30	100
57	22Q61E0057	Ponnaganti Sravani	30	100
58	22Q61E0058	Kasoju Arun	30	100
59	22Q61E0059	Shaik Mohammed Arif	30	100
60	22Q61E0060	Nagubandi Karuniya	30	100
61	22Q61E0061	Kamanaboina Shivakumar	30	100
62	22Q61E0062	Kankanala Anjal Rddy	30	100
63	22Q61E0063	KarangulaAbhikya	30	100
64	22Q61E0064	Karani Ramya	30	100
65	22Q61E0065	Karnati Srilaxmi	30	100
66	22Q61E0066	Kethavath Anji	0	0
67	22Q61E0067	Kolluri Srinivas	30	100
68	22Q61E0068	Komaram Sravan Kumar	30	100
69	22Q61E0069	Korem Akhil	30	100
70	22Q61E0070	Kotha Sai Krishna	30	100
71	22Q61E0071	Kumbam Soni	30	100
72	22Q61E0072	Lubna Tabassum	30	100
73	22Q61E0073	M Prashanti	30	100

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74	22Q61E0074	M Sravani	30	100
75	22Q61E0075	Mallarapu Vamshi	30	100
76	22Q61E0076	Mandala Ravali	30	100
77	22Q61E0077	Mandla Pooja	30	100
78	22Q61E0078	Matta Srujana	30	100
79	22Q61E0079	Matte Shashi Kumar	30	100
80	22Q61E0080	Menthula Alekhya	30	100
81	22Q61E0081	Merugu Sravani Yadav	30	100
82	22Q61E0082	Mididoddi Sairam	30	100
83	22Q61E0083	Mohammad Waseem	30	100
84	22Q61E0084	Mohammed Feroz	30	100
85	22Q61E0085	Moola Abhishek	30	100
86	22Q61E0086	Nakka Karthik	30	100
87	22Q61E0087	Naraman Prathibha	0	0
88	22Q61E0088	Narsing Teja	30	100
89	22Q61E0089	Naykwad Karthik Kumar	30	100
90	22Q61E0090	Nenavath Praveen	30	100

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 15-12-2022

COURSE REPORT

Name of The Value added course: Production and Inventory Management

Day/Duration: 06 Days (30Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr.N.Ramana Reddy Assistant Professor

Name of the Coordinator: Mr. D. Manikanta Assistant Professor

Number of the Participants: 85

Topics covered: The following topics covered in this program

➢ Manufacturing Operations Management - The Smart Backbone of Industry.

➢ Operations Management and Strategy.

➢ Inventory Management.

➢ Quality.

➢ Scheduling and Sequencing.

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.Lavanya** Bearing roll number **22Q61E0001** from the department

of **Master of Business and Administration** completed the value added course on **"PRODUCTION**

AND INVENTORY MANAGEMENT" During the year **2022-23.**

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Principal
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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Mididoddi Sairam** Bearing roll number **22Q61E0082** from the

department of **Master of Business and Administration** completed the value added course on

"PRODUCTION AND INVENTORY MANAGEMENT" During the year **2022-23.**

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2022-23/SEM/I/03   **Dates: 02-02-2023**

CIRCULAR

This is to inform all the II Year MBA students that, the Department organizing an Value added course on **"TALLY ERP 9.0"**. Department Advisory Committee has been identified **Mr.S.Rambabu, Assistant Professor in MBA** as a resource person for this course. This course is scheduled for 06 days which will take place from 06-02-2023 to 11-02-2023. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

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IQAC

Notice Board

II Year. MBA students

Dept. file

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B++

NAAC

ABOUT THE COURSE

This course covers the topics on concept, tools and techniques of accounting using Tally. The main contents of the course are accounting process, recording transactions, generating and printing of reports & invoices

COURSE OBJECTIVES

- To impart knowledge regarding concepts of Financial Accounting. Tally is an accounting package which is used for learning to maintain accounts.
- This course helps students to work with well-known accounting software i.e., Tally ERP.9.
- To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- Accounting with Tally certificate course is not just theoretical program, but it also includes continuous practice, to make students ready with required skill for employability in the job market.

EXPECTED OUTCOMES

- After completion of the course, learners would be able to
- After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e., Tally ERP.9
- Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- Students will possess required skill and can also be employed as Tally data entry operator

Resource Person
Mr.S.Rambabu
Assistant Professor
Department of MBA

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Co-ordinator
Mrs.R.Srilatha
Assistant Professor
Department of MBA

Tally ERP *Tally* ERP.9

ADD-ON COURSE ON

"TALLY ERP 9.0"

06th FEB TO 11th FEB,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

LAST DATE FOR REGISTRATION: 04th FEB,2023

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **TALLY ERP 9.0**

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

MBA II YEAR-I SEM

Course Objectives:

- To impart knowledge regarding concepts of Financial Accounting. Tally is an accounting package which is used for learning to maintain accounts.
- This course helps students to work with well-known accounting software i.e., Tally ERP.9.
- To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement.
- Accounting with Tally certificate course is not just theoretical program, but it also includes continuous practice, to make students ready with required skill for employability in the job market.

Course Outcomes:

After completion of the course, learners would be able to

- After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e., Tally ERP.9
- Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements,
- Students will possess required skill and can also be employed as Tally data entry operator.

Module I: Fundamentals of Accounting, Maintaining Chart of Accounts in Tally ERP.

Module II: Maintaining Stock Keeping Units (SKU), Recording Day-to-Day Transactions in Tally ERP 9

Module III: Accounts Receivable and Payable Management, MIS Reports.

Module IV: Recording Vouchers with TDS, Recording Vouchers with TDS (Tax Deducted at Source).

Module V: Goods and Services Tax (GST) – Introduction.

TEXT BOOKS:

1. Tally ERP 9.0 by Sanjay Satpathy

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TIME TABLE

CLASS: II YEAR – I SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	TALLY ERP 9.0	BREAK	TALLY ERP 9.0	LUNCH	TALLY ERP 9.0	BREAK	TALLY ERP 9.0
TUE							
WED							
THU							
FRI							
SAT							

CLASS: II YEAR – I SEM

SECTION: C

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	TALLY ERP 9.0	BREAK	TALLY ERP 9.0	LUNCH	TALLY ERP 9.0	BREAK	TALLY ERP 9.0
TUE							
WED							
THU							
FRI							
SAT							

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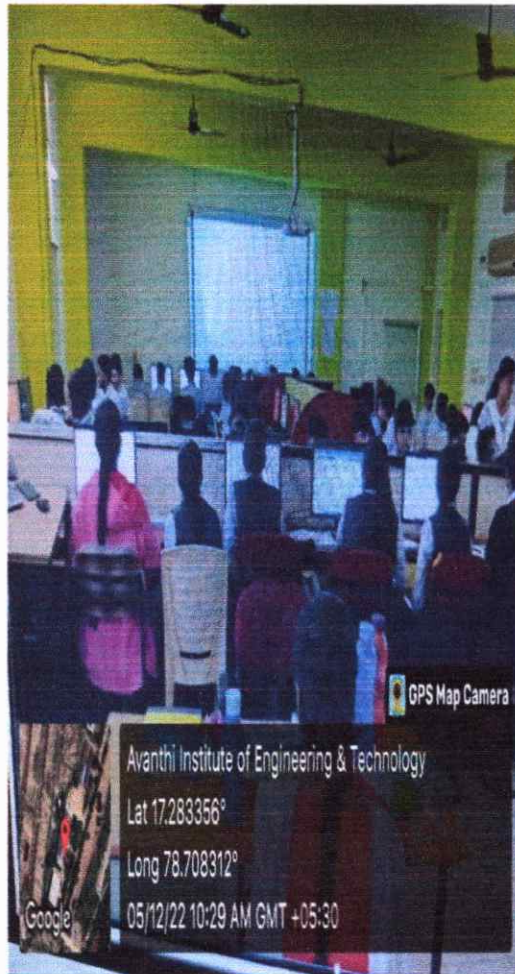Avanthi Institute of Engineering and Technology

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VALUE ADDED COURSE NAME: TALLY ERP 9.0

ACADEMIC YEAR: 2022-2023   **Dates: 02-02-2023**

MBA II YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

DAY	Topic	Timings	Duration
06-02-2023	Fundamentals of Accounting, Maintaining Chart of Accounts in Tally ERP.	10:00 Am to 04:00 Pm	5hour
07-02-2023	Maintaining Stock Keeping Units (SKU), Recording	10:00 Am to 04:00 Pm	5hour
08-02-2023	Day-to-Day Transactions in Tally ERP 9	10:00 Am to 04:00 Pm	5hour
09-02-2023	Accounts Receivable and Payable Management, MIS Reports.	10:00 Am to 04:00 Pm	5hour
10-02-2023	Recording Vouchers with TDS, Recording Vouchers withTDS.	10:00 Am to 04:00 Pm	5hour
11-02-2023	Goods and Services Tax (GST).	10:00 Am to 04:00 Pm	5hour
		Total- 30 Hours	

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: TALLY ERP 9.0

MBA II YEAR-I SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name Of The Student
1	21Q61E0089	Mutukuloju Akhila
2	21Q61E0090	Mylaram Sharath Kumar
3	21Q61E0091	Nandagiri Ganesh
4	21Q61E0092	N Nikitha
5	21Q61E0093	Nagam Anusha
6	21Q61E0094	Nomula Mahesh
7	21Q61E0095	Palenki Pratyusha
8	21Q61E0096	Parikipalla Sai Kumar
9	21Q61E0097	Peddini Ramesh
10	21Q61E0098	Pentala Ramesh
11	21Q61E0099	PepriyaKeshavlal
12	21Q61E00A0	Polagani Satheesh
13	21Q61E00A1	Ponnaluri Prasanna Ratna
14	21Q61E00A2	Pottipaka Nagaraju
15	21Q61E00A3	B Jeevan
16	21Q61E00A4	E Pavankalyan
17	21Q61E00A5	B Sravan Kumar
18	21Q61E00A6	Badam Pavan Kumar
19	21Q61E00A7	Manamalla Rajeshwari
20	21Q61E00A8	Manavalla Aravind
21	21Q61E00A9	Dabbikar Sowmya
22	21Q61E00B0	Bonkuri Pranaya Sri
23	21Q61E00B1	Begavi Sai Krishna
24	21Q61E00B2	Shaik Rawoof
25	21Q61E00B3	R Thirumalesh
26	21Q61E00B4	Bandaru Sai Kumar
27	21Q61E00B5	Kadari Shiva Prasad
28	21Q61E00B6	A Harish Kumar
29	21Q61E00B7	ParichiAtchyuth Balarama
30	21Q61E00B8	Bushigampala Likhitha
31	21Q61E00B9	Ragipani Akhil Chary
32	21Q61E00C0	Juveria Tabassum
33	21Q61E00C1	Pulijala Bhavana
34	21Q61E00C2	R Sandeep Goud
35	21Q61E00C3	Rachakonda Shirisha

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36	21Q61E00C4	Radharapu Sravani
37	21Q61E00C5	Rajpathi Reena
38	21Q61E00C6	Ramagiri Nikitha
39	21Q61E00C7	Sabbithi Chandini
40	21Q61E00C8	Sabavath Ganesh
41	21Q61E00C9	Sai Reddy Navya
42	21Q61E00D0	Sama Bhavani
43	21Q61E00D1	Samanthula Shivani
44	21Q61E00D2	Sardar Tarandeep Singh
45	21Q61E00D3	Seetha Giri
46	21Q61E00D4	Serla Aswini
47	21Q61E00D5	Silmula Bhargavi
48	21Q61E00D6	Somishetty Mukesh
49	21Q61E00D7	Sonkamble Pooja
50	21Q61E00D8	Surugu Vamshi
51	21Q61E00D9	T Niharika
52	21Q61E00E0	Thadaka Shanthi Kumar
53	21Q61E00E1	Thanda Manisha
54	21Q61E00E2	Thodishetty Bharath
55	21Q61E00E3	Thogarapally Keshav Kumar
56	21Q61E00E4	Thota Deepika
57	21Q61E00E5	Thota Madhu
58	21Q61E00E6	Thota Srujana
59	21Q61E00E7	UdugulaSaidulu
60	21Q61E00E8	Vallala Mallika
61	21Q61E00E9	Vangala Chaithanya
62	21Q61E00F0	Vangapandla Kalpana
63	21Q61E00F1	Veeramalla Akhila
64	21Q61E00F2	Veerla Akhila
65	21Q61E00F3	Vemula Divyasree
66	21Q61E00F4	Votarkar Mounika
67	21q61e00f5	Y Maheswari
68	21Q61E00F6	Yadawar Pranoti Shankar
69	21Q61E00F7	Yasa Harshitha
70	21Q61E00F8	Mohammed Anwarpasha
71	21Q61E00F9	Kandula Mahananda Reddy
72	21Q61E00G0	Sk Babar
73	21Q61E00G1	Yamjala Bhavana
74	21Q61E00G2	Gangani Mounika
75	21Q61E00G3	Nagoju Laxmi Prasanna

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76	21Q61E00G4	Muppalla Mamatha
77	21Q61E00G5	Yellanki Srikanth
78	21Q61E00G6	Gundla Durga
79	21Q61E00G7	Keshagoni Jeshwanth
80	21Q61E00G8	Tusamad Sanjana
81	21Q61E00G9	Jilla Sridhar
82	21Q61E00H0	Gajula Sri Lakshmi Tirupathamma
83	21Q61E00H1	Ch Shiva Sai Guptha
84	21Q61E00H2	Kodiganti Vijaya Laxmi
85	21Q61E00H3	Peddinti Sushma Reddy
86	21Q61E00H4	Musku Preethi
87	21Q61E00H5	Nellutla Vindhya

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Ranga Reddy Dist, Telangana.

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HOD
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl)
Ranga Reddy District.

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The Students Of II Year MBA Certificate Program attending "TALLY EFP 9.0" By Resource Person "Mr.S.Rambabu,Assistant Professor".

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Head of the Department

MBA

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Ranga Reddy District.

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: TALLY ERP 9.0

MBA II YEAR-I SEM   **A.Y 2022-2023**   **Date:02-02-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name Of The Student	06.02.23	07.02.23	08.02.23	09.02.23	10.02.23	11.02.23
1	21Q61E0089	Mutukuloju Akhila	P	P	P	P	P	P
2	21Q61E0090	Mylaram Sharath Kumar	P	P	P	P	P	P
3	21Q61E0091	Nandagiri Ganesh	P	P	P	P	P	P
4	21Q61E0092	N Nikitha	P	P	P	P	P	P
5	21Q61E0093	Nagam Anusha	P	P	P	P	P	P
6	21Q61E0094	Nomula Mahesh	P	P	P	P	P	P
7	21Q61E0095	Palenki Pratyusha	P	P	P	P	P	P
8	21Q61E0096	Parikipalla Sai Kumar	A	A	A	A	A	A
9	21Q61E0097	Peddini Ramesh	P	P	P	P	P	P
10	21Q61E0098	Pentala Ramesh	P	P	P	P	P	P
11	21Q61E0099	PepriyaKeshavlal	P	P	P	P	P	P
12	21Q61E00A0	Polagani Satheesh	P	P	P	P	P	P
13	21Q61E00A1	Ponnaluri Prasanna Ratna	P	P	P	P	P	P
14	21Q61E00A2	Pottipaka Nagaraju	P	P	P	P	P	P
15	21Q61E00A3	B Jeevan	P	P	P	P	P	P
16	21Q61E00A4	E Pavankalyan	P	P	P	P	P	P
17	21Q61E00A5	B Sravan Kumar	P	P	P	P	P	P
18	21Q61E00A6	Badam Pavan Kumar	P	P	P	P	P	P
19	21Q61E00A7	Manamalla Rajeshwari	P	P	P	P	P	P
20	21Q61E00A8	Manavalla Aravind	P	P	P	P	P	P
21	21Q61E00A9	Dabbikar Sowmya	P	P	P	P	P	P
22	21Q61E00B0	Bonkuri Pranaya Sri	P	P	P	P	P	P
23	21Q61E00B1	Begavi Sai Krishna	P	P	P	P	P	P
24	21Q61E00B2	Shaik Rawoof	A	A	A	A	A	A
25	21Q61E00B3	R Thirumalesh	P	P	P	P	P	P
26	21Q61E00B4	Bandaru Sai Kumar	P	P	P	P	P	P
27	21Q61E00B5	Kadari Shiva Prasad	P	P	P	P	P	P
28	21Q61E00B6	A Harish Kumar	P	P	P	P	P	P
29	21Q61E00B7	ParichiAtchyuth Balarama	P	P	P	P	P	P
30	21Q61E00B8	Bushigampala Likhitha	P	P	P	P	P	P
31	21Q61E00B9	Ragipani Akhil Chary	P	P	P	P	P	P
32	21Q61E00C0	Juveria Tabassum	P	P	P	P	P	P
33	21Q61E00C1	Pulijala Bhavana	P	P	P	P	P	P
34	21Q61E00C2	R Sandeep Goud	P	P	P	P	P	P
35	21Q61E00C3	Rachakonda Shirisha	P	P	P	P	P	P
36	21Q61E00C4	Radharapu Sravani	P	P	JNTUH	P	P	P
37	21Q61E00C5	Rajpathi Reena	P	P	P	P	P	P
38	21Q61E00C6	Ramagiri Nikitha	P	P	P	P	P	P

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39	21Q61E00C7	Sabbithi Chandini	P	P	P	P	P	P
40	21Q61E00C8	Sabavath Ganesh	P	P	P	P	P	P
41	21Q61E00C9	Sai Reddy Navya	P	P	P	P	P	P
42	21Q61E00D0	Sama Bhavani	P	P	P	P	P	P
43	21Q61E00D1	Samanthula Shivani	P	P	P	P	P	P
44	21Q61E00D2	Sardar Tarandeep Singh	P	P	P	P	P	P
45	21Q61E00D3	Seetha Giri	P	P	P	P	P	P
46	21Q61E00D4	Serla Aswini	P	P	P	P	P	P
47	21Q61E00D5	Silmula Bhargavi	P	P	P	P	P	P
48	21Q61E00D6	Somishetty Mukesh	P	P	P	P	P	P
49	21Q61E00D7	Sonkamble Pooja	P	P	P	P	P	P
50	21Q61E00D8	Surugu Vamshi	P	P	P	P	P	P
51	21Q61E00D9	T Niharika	P	P	P	P	P	P
52	21Q61E00E0	Thadaka Shanthi Kumar	P	P	P	P	P	P
53	21Q61E00E1	Thanda Manisha	P	P	P	P	P	P
54	21Q61E00E2	Thodishetty Bharath	P	P	P	P	P	P
55	21Q61E00E3	Thogarapally Keshav Kumar	P	P	P	P	P	P
56	21Q61E00E4	Thota Deepika	P	P	P	P	P	P
57	21Q61E00E5	Thota Madhu	P	P	P	P	P	P
58	21Q61E00E6	Thota Srujana	P	P	P	P	P	P
59	21Q61E00E7	UdugulaSaidulu	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
60	21Q61E00E8	Vallala Mallika	P	P	P	P	P	P
61	21Q61E00E9	Vangala Chaithanya	P	P	P	P	P	P
62	21Q61E00F0	Vangapandla Kalpana	P	P	P	P	P	P
63	21Q61E00F1	Veeramalla Akhila	P	P	P	P	P	P
64	21Q61E00F2	Veerla Akhila	P	P	P	P	P	P
65	21Q61E00F3	Vemula Divyasree	P	P	P	P	P	P
66	21Q61E00F4	Votarkar Mounika	P	P	P	P	P	P
67	21q61e00f5	Y Maheswari	P	P	P	P	P	P
68	21Q61E00F6	Yadawar Pranoti Shankar	P	P	P	P	P	P
69	21Q61E00F7	Yasa Harshitha	P	P	P	P	P	P
70	21Q61E00F8	Mohammed Anwarpasha	P	P	P	P	P	P
71	21Q61E00F9	Kandula Mahananda Reddy	P	P	P	P	P	P
72	21Q61E00G0	Sk Babar	P	P	P	P	P	P
73	21Q61E00G1	Yamjala Bhavana	P	P	P	P	P	P
74	21Q61E00G2	Gangani Mounika	P	P	P	P	P	P
75	21Q61E00G3	Nagoju Laxmi Prasanna	P	P	P	P	P	P
76	21Q61E00G4	Muppalla Mamatha	P	P	P	P	P	P
77	21Q61E00G5	Yellanki Srikanth	P	P	P	P	P	P
78	21Q61E00G6	Gundla Durga	P	P	P	P	P	P
79	21Q61E00G7	Keshagoni Jeshwanth	P	P	P	P	P	P
80	21Q61E00G8	Tusamad Sanjana	P	P	P	P	P	P
81	21Q61E00G9	Jilla Sridhar	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ	Ⓐ
82	21Q61E00H0	Gajula Sri Lakshmi Tirupathamma	P	P	P	P	P	P

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83	21Q61E00H1	Ch Shiva Sai Guptha	P	P	P	P	P	P
84	21Q61E00H2	Kodiganti Vijaya Laxmi	P	P	P	P	P	P
85	21Q61E00H3	Peddinti Sushma Reddy	P	P	P	P	P	P
86	21Q61E00H4	Musku Preethi	A	A	A	A	A	A
87	21Q61E00H5	Nellutla Vindhya	P	P	P	P	P	P

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **TALLY ERP 9.0**

MBA II YEAR-I SEM   **A.Y 2022-2023**   **Date: 06-02-2023 to 11-02-2023**

S.No	Roll Number	Name Of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61E0089	Mutukuloju Akhila	30	100
2	21Q61E0090	Mylaram Sharath Kumar	30	100
3	21Q61E0091	Nandagiri Ganesh	30	100
4	21Q61E0092	N Nikitha	30	100
5	21Q61E0093	Nagam Anusha	30	100
6	21Q61E0094	Nomula Mahesh	30	100
7	21Q61E0095	Palenki Pratyusha	30	100
8	21Q61E0096	Parikipalla Sai Kumar	0	0
9	21Q61E0097	Peddini Ramesh	30	100
10	21Q61E0098	Pentala Ramesh	30	100
11	21Q61E0099	PepriyaKeshavlal	30	100
12	21Q61E00A0	Polagani Satheesh	30	100
13	21Q61E00A1	Ponnaluri Prasanna Ratna	30	100
14	21Q61E00A2	Pottipaka Nagaraju	30	100
15	21Q61E00A3	B Jeevan	30	100
16	21Q61E00A4	E Pavankalyan	30	100
17	21Q61E00A5	B Sravan Kumar	30	100
18	21Q61E00A6	Badam Pavan Kumar	30	100
19	21Q61E00A7	Manamalla Rajeshwari	30	100
20	21Q61E00A8	Manavalla Aravind	30	100
21	21Q61E00A9	Dabbikar Sowmya	30	100
22	21Q61E00B0	Bonkuri Pranaya Sri	30	100
23	21Q61E00B1	Begavi Sai Krishna	30	100
24	21Q61E00B2	Shaik Rawoof	0	0
25	21Q61E00B3	R Thirumalesh	30	100
26	21Q61E00B4	Bandaru Sai Kumar	30	100
27	21Q61E00B5	Kadari Shiva Prasad	30	100
28	21Q61E00B6	A Harish Kumar	30	100
29	21Q61E00B7	ParichiAtchyuth Balarama	30	100
30	21Q61E00B8	Bushigampala Likhitha	30	100
31	21Q61E00B9	Ragipani Akhil Chary	30	100
32	21Q61E00C0	Juveria Tabassum	30	100
33	21Q61E00C1	Pulijala Bhavana	30	100
34	21Q61E00C2	R Sandeep Goud	30	100

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35	21Q61E00C3	Rachakonda Shirisha	30	100
36	21Q61E00C4	Radharapu Sravani	30	100
37	21Q61E00C5	Rajpathi Reena	30	100
38	21Q61E00C6	Ramagiri Nikitha	30	100
39	21Q61E00C7	Sabbithi Chandini	30	100
40	21Q61E00C8	Sabavath Ganesh	30	100
41	21Q61E00C9	Sai Reddy Navya	30	100
42	21Q61E00D0	Sama Bhavani	30	100
43	21Q61E00D1	Samanthula Shivani	30	100
44	21Q61E00D2	Sardar Tarandeep Singh	30	100
45	21Q61E00D3	Seetha Giri	30	100
46	21Q61E00D4	Serla Aswini	30	100
47	21Q61E00D5	Silmula Bhargavi	30	100
48	21Q61E00D6	Somishetty Mukesh	30	100
49	21Q61E00D7	Sonkamble Pooja	30	100
50	21Q61E00D8	Surugu Vamshi	30	100
51	21Q61E00D9	T Niharika	30	100
52	21Q61E00E0	Thadaka Shanthi Kumar	30	100
53	21Q61E00E1	Thanda Manisha	30	100
54	21Q61E00E2	Thodishetty Bharath	30	100
55	21Q61E00E3	Thogarapally Keshav Kumar	30	100
56	21Q61E00E4	Thota Deepika	30	100
57	21Q61E00E5	Thota Madhu	30	100
58	21Q61E00E6	Thota Srujana	30	100
59	21Q61E00E7	UdugulaSaidulu	0	0
60	21Q61E00E8	Vallala Mallika	30	100
61	21Q61E00E9	Vangala Chaithanya	30	100
62	21Q61E00F0	Vangapandla Kalpana	30	100
63	21Q61E00F1	Veeramalla Akhila	30	100
64	21Q61E00F2	Veerla Akhila	30	100
65	21Q61E00F3	Vemula Divyasree	30	100
66	21Q61E00F4	Votarkar Mounika	30	100
67	21q61e00f5	Y Maheswari	30	100
68	21Q61E00F6	Yadawar Pranoti Shankar	30	100
69	21Q61E00F7	Yasa Harshitha	30	100
70	21Q61E00F8	Mohammed Anwarpasha	30	100
71	21Q61E00F9	Kandula Mahananda Reddy	30	100
72	21Q61E00G0	Sk Babar	30	100
73	21Q61E00G1	Yamjala Bhavana	30	100
74	21Q61E00G2	Gangani Mounika	30	100

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75	21Q61E00G3	Nagoju Laxmi Prasanna	30	100
76	21Q61E00G4	Muppalla Mamatha	30	100
77	21Q61E00G5	Yellanki Srikanth	30	100
78	21Q61E00G6	Gundla Durga	30	100
79	21Q61E00G7	Keshagoni Jeshwanth	30	100
80	21Q61E00G8	Tusamad Sanjana	30	100
81	21Q61E00G9	Jilla Sridhar	0	0
82	21Q61E00H0	Gajula Sri Lakshmi Tirupathamma	30	100
83	21Q61E00H1	Ch Shiva Sai Guptha	30	100
84	21Q61E00H2	Kodiganti Vijaya Laxmi	30	100
85	21Q61E00H3	Peddinti Sushma Reddy	30	100
86	21Q61E00H4	Musku Preethi	0	0
87	21Q61E00H5	Nellutla Vindhya	30	100

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 15-02-2023

COURSE REPORT

Name of The Value added course: TALLY ERP 9.0

Day/Duration: 06 Days (30Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.S.Rambabu, Assistant Professor

Name of the Coordinator: Mrs.R.Srilatha Assistant Professor

Number of the Participants: 82

Topics covered: The following topics covered in this program

➤ Fundamentals of Accounting, Maintaining Chart of Accounts in Tally ERP

➤ Maintaining Stock Keeping Units (SKU), Recording

➤ Accounts Receivable and Payable Management, MIS Reports.

➤ Recording Vouchers with TDS, Recording Vouchers with TDS.

➤ Goods and Services Tax (GST).

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Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District

Avanthi Institute of Engineering and Technology

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Nellutla Vindhya** Bearing roll number **21Q61E00H5** from the department of **Master of Business and Administration** completed the value added course on **"TALLY ERP 9.0"** During the year **2022-23**.

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Head of the Department
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Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.Jeevan** Bearing roll number **21Q61E00A3** from the department of **Master of Business and Administration** completed the value added course on

"TALLY ERP 9.0" During the year **2022-23**.

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Co-Ordinator
CO ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2022-23/SEM/II/01   **Dates: 04-04-2023**

CIRCULAR

This is to inform all the I Year MBA students that, the Department organizing an Value added course on **"Strong Works Ethics"**. Department Advisory Committee has been identified **Mr.Ashraf Husain Assistant Professor in MBA** as a resource person for this course. This course is scheduled for 06 days which will take place from 10-04-2023 to 15-04-2023. All students are welcome to participate in this Value added course. Interested students can sign in the registration form.

HOD

head of the Department
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Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

I Year. MBA students

Dept. file

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Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Avanthi Institute of Engineering and Technology

ABOUT THE COURSE

A high drive for work ethic means that they take enough gratification in their job to complete every task, and correctly prioritize their work/life balance. People with a strong work ethic take pride in their jobs and see every task they do as important

COURSE OBJECTIVES

- Skills for recognize and promote of ethical decisions in the workplace
- Integrity, treating everyone with dignity and respect, and owning up to mistakes
- Ethical and unethical actions and behaviours

EXPECTED OUTCOMES

After successful completion of the course, the learners will be able to:

- Promote the healthy work environment.
- Show the power of integrity at workplace.
- Differentiate the ethical and unethical behavioral aspects.

Resource Person   Co-ordinator
Mr.Ashraf Hussain   PRINCIPAL   Mr.M.Sudhakar
Assistant Professor   Avanthi Institute of Engg & Tech   Assistant Professor
Department of MBA   Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist   Department of MBA

LAST DATE FOR REGISTRATION:08th APR,2023
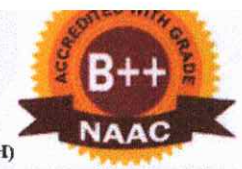
WORK
ETHICS

ADD-ON COURSE ON

"STRONG WORKS ETHICS"

10th APR TO 15th APR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **STRONG WORKS ETHICS**

VALUE ADDED COURSE SYLLABUS
ACADEMIC YEAR: 2022-2023

MBA I YEAR-II SEM

Course Objectives:

1. Skills for recognize and promote of ethical decisions in the workplace.
2. Integrity, treating everyone with dignity and respect, and owning up to mistakes.
3. Ethical and unethical actions and behaviours.

Course Outcomes:

After successful completion of the course, the learners will be able to:

1. Promote the healthy work environment.
2. Show the power of integrity at workplace.
3. Differentiate the ethical and unethical behavioural aspects.

SYLLABUS:

- Appearance: Displays proper dress, grooming, hygiene, and manners.
- Attendance: Attends class, arrives and leaves on time.
- Tells instructor in advance of planned absences, and makes up assignment promptly.
- Attitude: Shows a positive attitude, appears confident and has true hopes of self.
- Character: Displays loyalty, honesty, dependability, reliability, initiative, and self-control.
- Communication: Displays proper verbal and non-verbal skills and listens.
- Cooperation
- Displays leadership skills.
- Properly handles criticism, conflicts, and stress.
- Maintains proper relationships with peers and follows chain of command.
- Organizational Skill: Shows skills in management. Prioritizing, and dealing with change.
- Productivity: Follows safety practices.
- Conserves resources, and follows instructions.
- Respect: Deals properly with diversity, shows understanding and tolerance
- Teamwork: Respects rights of phot, is in line worker, is helpful.
- Conflans, deploys a customer service attitude, and sacks continuous learning

PRINCIPAL

Avanthi Institute of Engg. & Tech

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REFERENCE BOOK:

1. Workplace Ethics by Paul Falcone, HarperCollins Leadership

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Ranga Reddy Dist, Telangana.

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Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

HOD
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Avanthi Institute of Engineering and Technology

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

TIME TABLE

CLASS: I YEAR-II SEM

SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
TUE	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
WED	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
THU	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
FRI	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
SAT	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics

CLASS: I YEAR-II SEM

SECTION: C

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
TUE	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
WED	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
THU	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
FRI	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics
SAT	Strong Works Ethics	BREAK	Strong Works Ethics	LUNCH	Strong Works Ethics	BREAK	Strong Works Ethics

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HOD

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl)

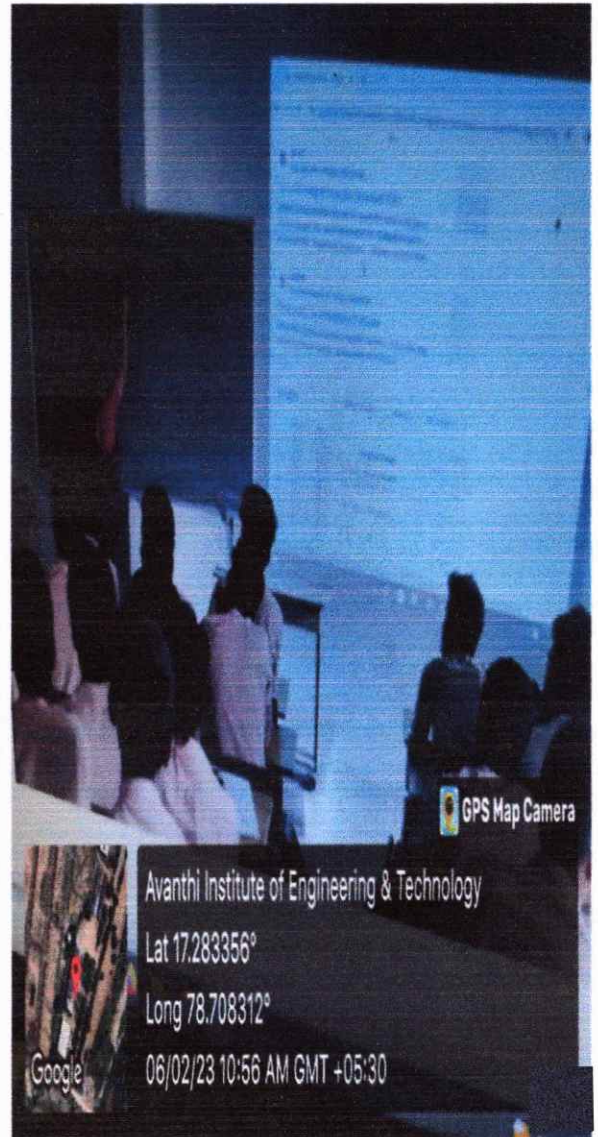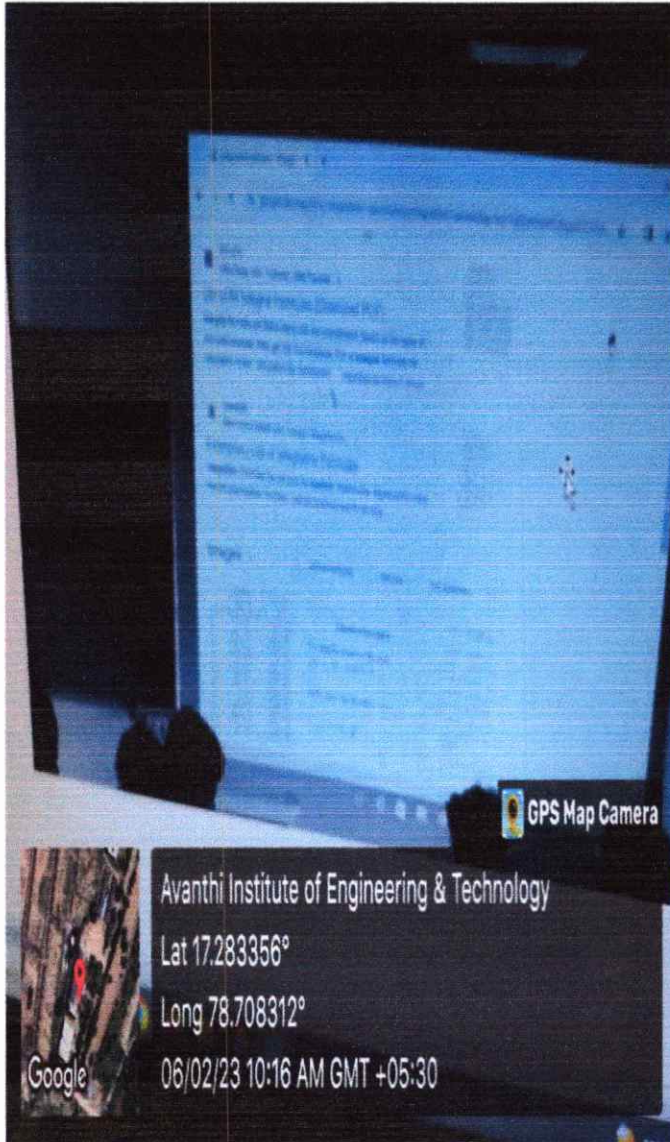Avanthi Institute of Engineering and Technology

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STRONG WORKS ETHICS

ACADEMIC YEAR: 2022-2023

MBA I YEAR-II SEM

Dates: 04-04-2023

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
10-04-2023	Appearance: Displays proper dress, grooming, hygiene, and manners.	10:00 Am to 04:00 Pm	5hour
11-04-2023	Displays proper verbal and non-verbal skills and listens.	10:00 Am to 04:00 Pm	5hour
12-04-2023	Purpose of Inventories, Costs of Inventories	10:00 Am to 04:00 Pm	5hour
13-04-2023	Properly handles criticism, conflicts, and stress.	10:00 Am to 04:00 Pm	5hour
14-04-2023	Productivity: Follows safety practices.	10:00 Am to 04:00 Pm	5hour
15-04-2023	Teamwork: Respects rights of phot, is in line worker, is helpful.	10:00 Am to 04:00 Pm	5hour
		Total- 30 Hours	

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Ranga Reddy Dist, Telangana.

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Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist...

HOD

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...nthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSENAME: **STRONG WORKS ETHICS**

MBA I YEAR-II SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	22Q61E0091	Pabbathi Shravani
2	22Q61E0092	Pabbu Poojitha
3	22Q61E0093	Pathan Dawood Khan
4	22Q61E0094	Patlori Nikhitha
5	22Q61E0095	Puppala Vamshi Krishna
6	22Q61E0096	Roshan Prasad
7	22Q61E0097	Sabavath Patel
8	22Q61E0098	Samoji Bhavani
9	22Q61E0099	Samreen Begum
10	22Q61E00A0	Sanga Priyanka
11	22Q61E00A1	Saniya Wazeer
12	22Q61E00A2	Shaik Ruhi
13	22Q61E00A3	Kotha Sri Laxmi
14	22Q61E00A4	Bolishetti Shiva Prasad
15	22Q61E00A5	Rakesh M
16	22Q61E00A6	Palle Srija
17	22Q61E00A7	Nalaparaju Uma
18	22Q61E00A8	Soora Tharun
19	22Q61E00A9	Palakshi Naga Laxmi
20	22Q61E00B0	Challa Kushal
21	22Q61E00B1	Jangili Ramya
22	22Q61E00B2	Kanukutla Jayasri
23	22Q61E00B3	Pandala Shilpa
24	22Q61E00B4	Nathi Akhil
25	22Q61E00B5	Siddagoni Dilip Goud
26	22Q61E00B6	Anyalapu Prashanthi
27	22Q61E00B7	Gangireddy Tajasri
28	22Q61E00B8	Dummala Vyshnavi
29	22Q61E00B9	KokkulaVasthavya
30	22Q61E00C0	Jemma Rachana
31	22Q61E00C1	Shanagonda Kirankumar
32	22Q61E00C2	Siliveri Greeshma
33	22Q61E00C3	Supriya Jadi
34	22Q61E00C4	Surabhi Greeshma
35	22Q61E00C5	Suryavamshi Rajani

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36	22Q61E00C6	T Naveena
37	22Q61E00C7	Talari Deepika
38	22Q61E00C8	Tepoju Srikar
39	22Q61E00C9	Tharala Amulya
40	22Q61E00D0	Thota Srinivas
41	22Q61E00D1	Uchitha Pavan Kalyan
42	22Q61E00D2	Udari Rajeshwari
43	22Q61E00D3	Vadla Srikanth Chary
44	22Q61E00D4	Vangoori Vikram
45	22Q61E00D5	Varikuppala Mounika
46	22Q61E00D6	Velpugonda Ashwanth
47	22Q61E00D7	Yenkirala Nandini
48	22Q61E00D8	Eedudhula Varshitha
49	22Q61E00D9	Thammaneni Venkata Priyanka
50	22Q61E00E0	Molugu Maheshwari Komal
51	22Q61E00E1	Eravena Ravikiran
52	22Q61E00E2	Sirikonda Suraj
53	22Q61E00E3	Boina Navyasree
54	22Q61E00E4	Varkala Bharath Kumar
55	22Q61E00E5	G Shravan Kumar
56	22Q61E00E6	Syed Salman
57	22Q61E00E7	Vangala Suryateja
58	22Q61E00E8	Vatipalli Jayanth
59	22Q61E00E9	Godhumala Tejasri
60	22Q61E00F0	Sheik Sandhani
61	22Q61E00F1	Gorley Poojitha Sree Laxmi
62	22Q61E00F2	Panga Nagaraju Yadav
63	22Q61E00F3	Labde Jayasree
64	22Q61E00F4	Boddu Manoj
65	22Q61E00F5	Lakkakula Sravani
66	22Q61E00F6	G Dhanush Ram
67	22Q61E00F7	Kunda Umesh Reddy
68	22Q61E00F8	Chandana H S
69	22Q61E00F9	Supreeth D K
70	22Q61E00G0	B Jaya Prasanth Reddy
71	22Q61E00G1	Pavan.Nuthalapati
72	22Q61E00G2	Oruganti.Pranitha
73	22Q61E00G3	Mohammed Ubadah Sudais
74	22Q61E00G4	K Veera Venkata Bhanu Prakash
75	22Q61E00G5	C.Jaswina

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76	22Q61E00G6	Kopuri.Prasanna Kumar
77	22Q61E00G7	K.Divya
78	22Q61E00G8	Donga Neeharika
79	22Q61E00G9	Dhanush Gowda G
80	22Q61E00H0	M.Sushma Sree
81	22Q61E00H1	Lakkireddy Bharath Kumar
82	22Q61E00H2	Barre Hari Krishna
83	22Q61E00H3	Penugonda.Venkata Narasimha
84	22Q61E00H4	Bommanapalli Sruthi
85	22Q61E00H5	Anangi.Rohit
86	22Q61E00H6	Santati.Balaji
87	22Q61E00H7	O.Mayur
88	22Q61E00H8	Jagannadham.Navya Sri
89	22Q61E00H9	Anangi.Mani Vivek
90	22Q61E00I0	Kondreddy Yaswanth Kumar

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The Students of I-YEAR MBA certificate program attending "Strong Works & Ethics" by the resource person "Mr.Ashraf Husain Assistant Professor".

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSENAME:STRONG WORKS ETHICS

MBA I YEAR-II SEM   **A.Y 2022-2023**   **Date: 04-04-2023**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	10.04.22	11.04.22	12.04.22	13.04.22	14.04.22	15.04.22
1	22Q61E0091	Pabbathi Shravani	P	P	P	P	P	P
2	22Q61E0092	Pabbu Poojitha	P	P	P	P	P	P
3	22Q61E0093	Pathan Dawood Khan	P	P	P	P	P	P
4	22Q61E0094	Patlori Nikhitha	P	P	P	P	P	P
5	22Q61E0095	Puppala Vamshi Krishna	P	P	P	P	P	P
6	22Q61E0096	Roshan Prasad	P	P	P	P	P	P
7	22Q61E0097	Sabavath Patel	P	P	P	P	P	P
8	22Q61E0098	Samoji Bhavani	P	P	P	P	P	P
9	22Q61E0099	Samreen Begum	P	P	P	P	P	P
10	22Q61E00A0	Sanga Priyanka	P	P	P	P	P	P
11	22Q61E00A1	Saniya Wazeer	P	P	P	P	P	P
12	22Q61E00A2	Shaik Ruhi	P	P	P	P	P	P
13	22Q61E00A3	Kotha Sri Laxmi	P	P	P	P	P	P
14	22Q61E00A4	Bolishetti Shiva Prasad	P	P	P	P	P	P
15	22Q61E00A5	Rakesh M	P	P	P	P	P	P
16	22Q61E00A6	Palle Srija	P	P	P	P	P	P
17	22Q61E00A7	Nalaparaju Uma	P	P	P	P	P	P
18	22Q61E00A8	Soora Tharun	P	P	P	P	P	P
19	22Q61E00A9	Palakshi Naga Laxmi	A	A	A	A	A	A
20	22Q61E00B0	Challa Kushal	P	P	P	P	P	P
21	22Q61E00B1	Jangili Ramya	P	P	P	P	P	P
22	22Q61E00B2	Kanukutla Jayasri	P	P	P	P	P	P
23	22Q61E00B3	Pandala Shilpa	P	P	P	P	P	P
24	22Q61E00B4	Nathi Akhil	P	P	P	P	P	P
25	22Q61E00B5	Siddagoni Dilip Goud	P	P	P	P	P	P
26	22Q61E00B6	Anyalapu Prashanthi	P	P	P	P	P	P
27	22Q61E00B7	Gangireddy Tajasri	P	P	P	P	P	P
28	22Q61E00B8	Dummala Vyshnavi	P	P	P	P	P	P
29	22Q61E00B9	KokkulaVasthavya	P	P	P	P	P	P
30	22Q61E00C0	Jemma Rachana	P	P	P	P	P	P
31	22Q61E00C1	Shanagonda Kirankumar	P	P	P	P	P	P
32	22Q61E00C2	Siliveri Greeshma	P	P	P	P	P	P
33	22Q61E00C3	Supriya Jadi	P	P	P	P	P	P
34	22Q61E00C4	Surabhi Greeshma	P	P	P	P	P	P
35	22Q61E00C5	Suryavamshi Rajani	P	P	P	P	P	P
36	22Q61E00C6	T Naveena	P	P	P	P	P	P
37	22Q61E00C7	Talari Deepika	P	P	P	P	P	P
38	22Q61E00C8	Tepoju Srikar	P	P	P		P	P

PRINCIPAL

Avanthi Institute of Engg. & Tech

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Avanthi Institute of Engineering and Technology, Gunthapally

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No	Roll No	Name						
39	22Q61E00C9	Tharala Amulya	P	P	P	P	P	P
40	22Q61E00D0	Thota Srinivas	P	P	P	P	P	P
41	22Q61E00D1	Uchitha Pavan Kalyan	P	P	P	P	P	P
42	22Q61E00D2	Udari Rajeshwari	P	P	P	P	P	P
43	22Q61E00D3	Vadla Srikanth Chary	P	P	P	P	P	P
44	22Q61E00D4	Vangoori Vikram	P	P	P	P	P	P
45	22Q61E00D5	Varikuppala Mounika	P	P	P	P	P	P
46	22Q61E00D6	Velpugonda Ashwanth	P	P	P	P	P	P
47	22Q61E00D7	Yenkirala Nandini	P	P	P	P	P	P
48	22Q61E00D8	Eedudhula Varshitha	P	P	P	P	P	P
49	22Q61E00D9	Thammaneni Venkata Priyanka	P	P	P	P	P	P
50	22Q61E00E0	Molugu Maheshwari Komal	P	P	P	P	P	P
51	22Q61E00E1	Eravena Ravikiran	P	P	P	P	P	P
52	22Q61E00E2	Sirikonda Suraj	P	P	P	P	P	P
53	22Q61E00E3	Boina Navyasree	P	P	P	P	P	P
54	22Q61E00E4	Varkala Bharath Kumar	P	P	P	P	P	P
55	22Q61E00E5	G Shravan Kumar	P	P	P	P	P	P
56	22Q61E00E6	Syed Salman	P	P	P	P	P	P
57	22Q61E00E7	Vangala Suryateja	P	P	P	P	P	P
58	22Q61E00E8	Vatipalli Jayanth	P	P	P	P	P	P
59	22Q61E00E9	Godhumala Tejasri	P	P	P	P	P	P
60	22Q61E00F0	Sheik Sandhani	P	P	P	P	P	P
61	22Q61E00F1	Gorley Poojitha Sree Laxmi	A	A	A	A	A	A
62	22Q61E00F2	Panga Nagaraju Yadav	P	P	P	P	P	P
63	22Q61E00F3	Labde Jayasree	P	P	P	P	P	P
64	22Q61E00F4	Boddu Manoj	P	P	P	P	P	P
65	22Q61E00F5	Lakkakula Sravani	P	P	P	P	P	P
66	22Q61E00F6	G Dhanush Ram	P	P	P	P	P	P
67	22Q61E00F7	Kunda Umesh Reddy	P	P	P	P	P	P
68	22Q61E00F8	Chandana H S	P	P	P	P	P	P
69	22Q61E00F9	Supreeth D K	P	P	P	P	P	P
70	22Q61E00G0	B Jaya Prasanth Reddy	P	P	P	P	P	P
71	22Q61E00G1	Pavan.Nuthalapati	P	P	P	P	P	P
72	22Q61E00G2	Oruganti.Pranitha	P	P	P	P	P	P
73	22Q61E00G3	Mohammed Ubadah Sudais	P	P	P	P	P	P
74	22Q61E00G4	K Veera Venkata Bhanu Prakash	P	P	P	P	P	P
75	22Q61E00G5	C.Jaswina	P	P	P	P	P	P
76	22Q61E00G6	Kopuri.Prasanna Kumar	P	P	P	P	P	P
77	22Q61E00G7	K.Divya	P	P	P	P	P	P
78	22Q61E00G8	Donga Neeharika	P	P	P	P	P	P
79	22Q61E00G9	Dhanush Gowda G	P	P	P	P	P	P
80	22Q61E00H0	M.Sushma Sree	P	P	P	P	P	P
81	22Q61E00H1	Lakkireddy Bharath Kumar	P	P	P	P		P
82	22Q61E00H2	Barre Hari Krishna	P	P	P	P	P	P

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83	22Q61E00H3	Penugonda.Venkata Narasimha	P	P	P	P	P	P
84	22Q61E00H4	Bommanapalli Sruthi	P	P	P	P	P	P
85	22Q61E00H5	Anangi.Rohit	P	P	P	P	P	P
86	22Q61E00H6	Santati.Balaji	P	P	P	P	P	P
87	22Q61E00H7	O.Mayur	P	P	P	P	P	P
88	22Q61E00H8	Jagannadham.Navya Sri	P	P	P	P	P	P
89	22Q61E00H9	Anangi.Mani Vivek	A	A	A	A	A	A
90	22Q61E00I0	Kondreddy Yaswanth Kumar	P	P	P	P	P	P

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSENAME: STRONG WORKS ETHICS

MBA I YEAR-II SEM   **A.Y 2022-2023**   **Date: 10-04-2023 to 15-04-2023**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	22Q61E0091	Pabbathi Shravani	30	100
2	22Q61E0092	Pabbu Poojitha	30	100
3	22Q61E0093	Pathan Dawood Khan	30	100
4	22Q61E0094	Patlori Nikhitha	30	100
5	22Q61E0095	Puppala Vamshi Krishna	30	100
6	22Q61E0096	Roshan Prasad	30	100
7	22Q61E0097	Sabavath Patel	30	100
8	22Q61E0098	Samoji Bhavani	30	100
9	22Q61E0099	Samreen Begum	30	100
10	22Q61E00A0	Sanga Priyanka	30	100
11	22Q61E00A1	Saniya Wazeer	30	100
12	22Q61E00A2	Shaik Ruhi	30	100
13	22Q61E00A3	Kotha Sri Laxmi	30	100
14	22Q61E00A4	Bolishetti Shiva Prasad	30	100
15	22Q61E00A5	Rakesh M	30	100
16	22Q61E00A6	Palle Srija	30	100
17	22Q61E00A7	Nalaparaju Uma	30	100
18	22Q61E00A8	Soora Tharun	30	100
19	22Q61E00A9	Palakshi Naga Laxmi	0	0
20	22Q61E00B0	Challa Kushal	30	100
21	22Q61E00B1	Jangili Ramya	30	100
22	22Q61E00B2	Kanukutla Jayasri	30	100
23	22Q61E00B3	Pandala Shilpa	30	100
24	22Q61E00B4	Nathi Akhil	30	100
25	22Q61E00B5	Siddagoni Dilip Goud	30	100
26	22Q61E00B6	Anyalapu Prashanthi	30	100
27	22Q61E00B7	Gangireddy Tajasri	30	100
28	22Q61E00B8	Dummala Vyshnavi	30	100
29	22Q61E00B9	KokkulaVasthavya	30	100
30	22Q61E00C0	Jemma Rachana	30	100
31	22Q61E00C1	Shanagonda Kirankumar	30	100
32	22Q61E00C2	Siliveri Greeshma	30	100
33	22Q61E00C3	Supriya Jadi	30	100
34	22Q61E00C4	Surabhi Greeshma	30	100

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35	22Q61E00C5	Suryavamshi Rajani	30	100
36	22Q61E00C6	T Naveena	30	100
37	22Q61E00C7	Talari Deepika	30	100
38	22Q61E00C8	Tepoju Srikar	30	100
39	22Q61E00C9	Tharala Amulya	30	100
40	22Q61E00D0	Thota Srinivas	30	100
41	22Q61E00D1	Uchitha Pavan Kalyan	30	100
42	22Q61E00D2	Udari Rajeshwari	30	100
43	22Q61E00D3	Vadla Srikanth Chary	30	100
44	22Q61E00D4	Vangoori Vikram	30	100
45	22Q61E00D5	Varikuppala Mounika	30	100
46	22Q61E00D6	Velpugonda Ashwanth	30	100
47	22Q61E00D7	Yenkirala Nandini	30	100
48	22Q61E00D8	Eedudhula Varshitha	30	100
49	22Q61E00D9	Thammaneni Venkata Priyanka	30	100
50	22Q61E00E0	Molugu Maheshwari Komal	30	100
51	22Q61E00E1	Eravena Ravikiran	30	100
52	22Q61E00E2	Sirikonda Suraj	30	100
53	22Q61E00E3	Boina Navyasree	30	100
54	22Q61E00E4	Varkala Bharath Kumar	30	100
55	22Q61E00E5	G Shravan Kumar	30	100
56	22Q61E00E6	Syed Salman	30	100
57	22Q61E00E7	Vangala Suryateja	30	100
58	22Q61E00E8	Vatipalli Jayanth	30	100
59	22Q61E00E9	Godhumala Tejasri	30	100
60	22Q61E00F0	Sheik Sandhani	30	100
61	22Q61E00F1	Gorley Poojitha Sree Laxmi	0	0
62	22Q61E00F2	Panga Nagaraju Yadav	30	100
63	22Q61E00F3	Labde Jayasree	30	100
64	22Q61E00F4	Boddu Manoj	30	100
65	22Q61E00F5	Lakkakula Sravani	30	100
66	22Q61E00F6	G Dhanush Ram	30	100
67	22Q61E00F7	Kunda Umesh Reddy	30	100
68	22Q61E00F8	Chandana H S	30	100
69	22Q61E00F9	Supreeth D K	30	100
70	22Q61E00G0	B Jaya Prasanth Reddy	30	100
71	22Q61E00G1	Pavan.Nuthalapati	30	100
72	22Q61E00G2	Oruganti.Pranitha	30	100
73	22Q61E00G3	Mohammed Ubadah Sudais	30	100
74	22Q61E00G4	K Veera Venkata Bhanu Prakash	30	100

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75	22Q61E00G5	C.Jaswina	30	100
76	22Q61E00G6	Kopuri.Prasanna Kumar	30	100
77	22Q61E00G7	K.Divya	30	100
78	22Q61E00G8	Donga Neeharika	30	100
79	22Q61E00G9	Dhanush Gowda G	30	100
80	22Q61E00H0	M.Sushma Sree	30	100
81	22Q61E00H1	Lakkireddy Bharath Kumar	30	100
82	22Q61E00H2	Barre Hari Krishna	30	100
83	22Q61E00H3	Penugonda.Venkata Narasimha	30	100
84	22Q61E00H4	Bommanapalli Sruthi	30	100
85	22Q61E00H5	Anangi.Rohit	30	100
86	22Q61E00H6	Santati.Balaji	30	100
87	22Q61E00H7	O.Mayur	30	100
88	22Q61E00H8	Jagannadham.Navya Sri	30	100
89	22Q61E00H9	Anangi.Mani Vivek	0	0
90	22Q61E00I0	Kondreddy Yaswanth Kumar	30	100

M.Sudhakar

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 20-04-2023

COURSE REPORT

Name of The Value added course: Strong Works Ethics
Day/Duration: 06 Days (30Hours)
Time: 10:00 am to 04:00 pm
Resource Person: Mr.Ashraf Husain Assistant Professor
Name of the Coordinator: Mr.M.Sudhakar Assistant Professor
Number of the Participants: 87
Topics covered: The following topics covered in this program

- ➢ Appearance: Displays proper dress, grooming, hygiene, and manners.
- ➢ Attitude: Shows a positive attitude, appears confident and has true hopes of self.
- ➢ Properly handles criticism, conflicts, and stress.
- ➢ Conserves resources, and follows instructions.
- ➢ Confabs, deploys a customer service attitude, and sacks continuous learning.

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **H.Chandana**   Bearing roll number **22Q61E00F8** from the

department of **Master of Business and Administration** completed the value added course on

"STRONG WORK ETHICS" During the year **2022-23.**

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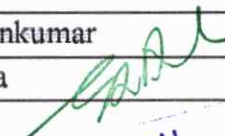
Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **O.Mayur**   Bearing roll number **22Q61E00H7** from the department of **Master of Business and Administration** completed the value added course on **"STRONG WORK ETHICS"** During the year **2022-23.**

Head of The Department

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AVIH/AOC/CIR/2022-23/I/08   Date: 04-11-2022

CIRCULAR

This is to inform all the IV Year students that there will be a Value added course on **"Entrepreneurship Abroad Education & Start up Initiatives".** The course is scheduled to run for 06 days 07-11-2022 to 23-11-2022. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The Value Added Course is on Collaboration with Mr.Rahul kamnur with SashakT HR Services Pvt Ltd.

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    IQAC
    Notice Board
    B.Tech IV Year students
    Dept. file

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ABOUT THE COURSE

Startup India, an entrepreneurship initiative by the Indian government, aims to foster innovation and support the growth of startups in the country. It offers various benefits such as access to funding, tax exemptions, and simplified compliance procedures.

COURSE OBJECTIVES

- To develop a detail understanding about the skill set expected from an aspiring entrepreneur and key areas and elements of entrepreneurial ecosystem to be considered by her/him for setting up and running a start-up entity.
- To be equipped with knowledge to prepare operational and financial plans, convert plans into result-oriented actions, including fund raising, deployment and optimization of costs.
- To attain abilities for providing inputs to promoters and leadership team to identify and innovatively analyze opportunities for optimizing value additions to products and the entity and lead the organization following best ethical practices by creating competitive advantage.
- To gain abilities to formulate strategies for scaling up a start-up's operations, perform valuation to facilitate fund raising and devising appropriate exit strategies for early stage investors.

EXPECTED OUTCOMES

- Students will be able to guide promoters and key role holders of start-ups for setting up, stabilising and scaling up of new enterprises with due regard to the dynamics of entrepreneurial ecosystem.
- They will attain abilities to assist the management in implementing innovative ideas for adding values to the products and organisation, stabilise operations and scaleup with appropriate execution of business plans.
- Students will be equipped with skill sets to assist entrepreneurs in leading start-up entities, meeting challenges and mitigating risks by risk-enabled operating strategies, building competitive advantages and adopting measures for result-oriented performance management.

Resource Person
Mr.Rahul kamnur
Director
ASK Technology

Co-ordinator
Dr.G.Chandrashekar Reddy
Assistant Professor
Department of ECE

Class starts from 07-11-2022 to 23-11-2022,10:00 AM to 01:00 PM

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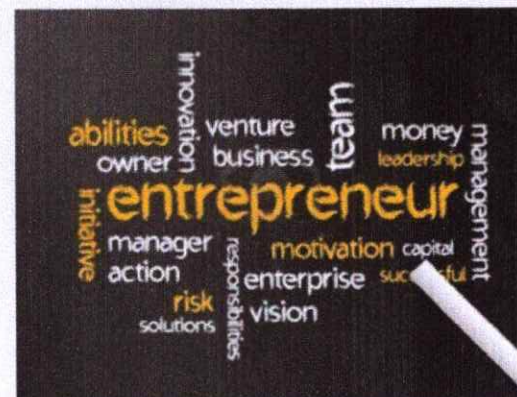
VALUE ADDED COURSE ON

"ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES"

07th NOV to 23rd NOV 2022
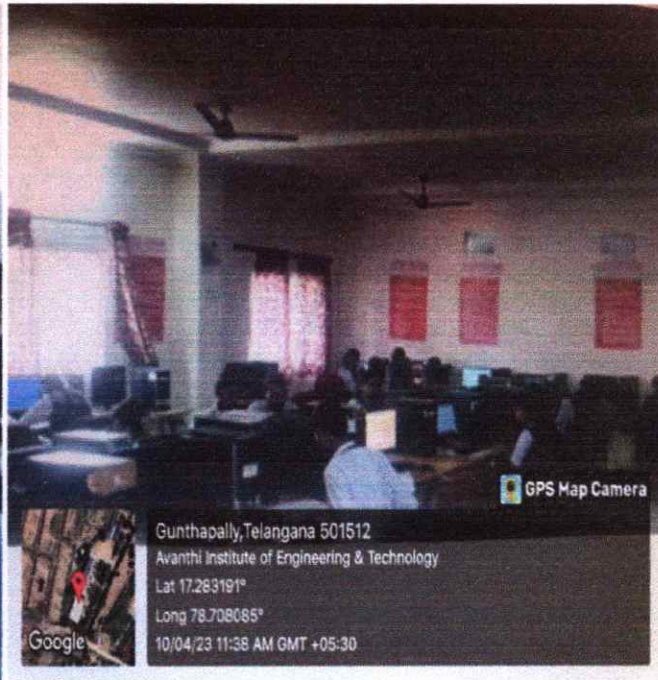
DURATION OF THE COURSE 36HRS

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VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION &**

START UP INITIATIVES

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2022-2023

B.TECH IV YEAR-I SEM

Course Obejective:

- To develop a detail understanding about the skill set expected from an aspiring entrepreneur and key areas and elements of entrepreneurial ecosystem to be considered by her/him for setting up and running a start-up entity.
- To be equipped with knowledge to prepare operational and financial plans, convert plans into result-oriented actions, including fund raising, deployment and optimization of costs.
- To attain abilities for providing inputs to promoters and leadership team to identify and innovatively analyse opportunities for optimizing value additions to products and the entity and lead the organization following best ethical practices by creating competitive advantage.
- To gain abilities to formulate strategies for scaling up a start-up's operations, perform valuation to facilitate fund raising and devising appropriate exit strategies for early-stage investors.
- To be equipped with the knowledge to manage risks in a start-up within the given business ecosystem and convert it into a risk-enabled organisation for growth and prosperity.
- To develop an idea of innovative entrepreneurship models and forms and utilise opportunities to make a successful venture.

Course Outcome:

- Students will be able to guide promoters and key role holders of start-ups for setting up, stabilising and scaling up of new enterprises with due regard to the dynamics of entrepreneurial ecosystem.
- They will attain abilities to assist the management in implementing innovative ideas for adding values to the products and organisation, stabilise operations and scaleup with appropriate execution of business plans.
- Students will be equipped with skill sets to assist entrepreneurs in leading start-up entities, meeting challenges and mitigating risks by risk-enabled operating strategies, building competitive advantages and adopting measures for result-oriented performance management.
- They will acquire skill set to perform valuation to facilitate fund raising anddevising appropriate exit strategies for early-stage investors.

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SYLLABUS

TOPIC-01: Fundamentals of Entrepreneurship.

TOPIC-02: Looking More Closely at Resources.

TOPIC-03: Understanding Your Business Model.

TOPIC-04: Creativity & Opportunity.

TOPIC-05: "Fail" In Order to Succeed.

TOPIC-06: Measuring Market Opportunities.

TOPIC-07: Presentations.

TOPIC-08: Digital marketing Fundamentals.

TOPIC-09: How to Start a Start Up

TOPIC-10: SEO for beginners.

TOPIC-11: Group Discussions / Ice Breaking Sessions

TOPIC-12: Insights of Abroad Education.

TOPIC-13: How to choose Country /University.

TOPIC-14: Various SOP's of different Countries.

TOPIC-15: Meet an Entrepreneur.

TEXT BOOKS:

1. Design Thinking: Integrating Innovation, Customer Experience, and Brand Value Paperback - 2009, Thomas Lockwood.
2. Non-Designers-Guide-Design-Thinking-Marketer- Saso Kunitake, Hiroshi Ishii

REFERENCE BOOKS:

1. Entrepreneurship Development Robert D Hisrich
2. Entrepreneurship Development B.Jankiram and M.Rizwana, Excel Books
3. Edward de Bono, New think: The use of lateral thinking in the generation of new ideas, 1967

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

CLASS: IV YEAR-I SEM
SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department
HOD
Electronics & Communication Engineering
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VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

ACADEMIC YEAR: 2022-2023   **Date: 04-11-2022**

B.TECH IV YEAR-I SEM   **DAY WISE SCHEDULE SHEET**

Sl. No	DAY	Topic	Timings	Duration
1	07-11-2022	Fundamentals of Entrepreneurship	10:00 am to 01:00 pm	2 hour
2	08-11-2022	Looking More Closely at Resources	10:00 am to 01:00 pm	2 hour
3	09-11-2022	Understanding Your Business Model	10:00 am to 01:00 pm	2 hour
4	10-11-2022	Creativity & Opportunity	10:00 am to 01:00 pm	2 hour
5	11-11-2022	"Fail" In Order to Succeed.	10:00 am to 01:00 pm	2 hour
6	12-11-2022	Measuring Market Opportunities	10:00 am to 01:00 pm	2 hour
7	14-11-2022	Presentations.	10:00 am to 01:00 pm	2:30 hour
8	15-11-2022	Presentations.	10:00 am to 01:00 pm	2:30 hour
9	16-11-2022	Digital marketing Fundamentals	10:00 am to 01:00 pm	2 hour
10	17-11-2022	How to Start a Start Up	10:00 am to 01:00 pm	2 hour
11	18-11-2022	Presentations	10:00 am to 01:00 pm	2:30 hour
12	19-11-2022	Group Discussions / Ice Breaking Sessions	10:00 am to 01:00 pm	2:30 hour
13	20-11-2022	Insights of Abroad Education	10:00 am to 01:00 pm	2:30 hour
14	21-11-2022	How to choose Country /University	10:00 am to 01:00 pm	2:30 hour
15	22-11-2022	Various SOP's of different Countries	10:00 am to 01:00 pm	2:30 hour
16	23-11-2022	Meet an Entrepreneur	10:00 am to 01:00 pm	2:30 hour
			Total -36 hours	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	19Q61A0401	Aitha Swamynath
2	19Q61A0402	Akkela Swetha
3	19Q61A0403	Ala Sri Teja Reddy
4	19Q61A0404	Amit Kumar Samal
5	19Q61A0405	Artham Anjali
6	19Q61A0406	Aytha Pavan Kalyan
7	19Q61A0407	Baddula Apoorva
8	19Q61A0408	Bandaru Ram Reddy
9	19Q61A0409	Bandi Sindhu
10	19Q61A0410	Barla Anil Kumar
11	19Q61A0411	Bathula Prashanth
12	19Q61A0412	Bramadhevara Varun Kumar
13	19Q61A0413	Chirumamilla Sai Teja
14	19Q61A0414	Desi Deekshitha
15	19Q61A0415	Donda Sampath Reddy
16	19Q61A0416	Enabothula Nagaraju
17	19Q61A0417	Gaddam Sahana
18	19Q61A0418	Gone Manohar
19	19Q61A0419	Gorla Akshaya
20	19Q61A0420	Gorrepati Yaswanth
21	19Q61A0421	Gouni Srinika Reddy
22	19Q61A0422	Gummula Anupama
23	19Q61A0423	Gummula Sripathi
24	19Q61A0424	Irukulapati Sai Charan
25	19Q61A0425	Jagadabi Venu Gopal
26	19Q61A0426	K Ajay Karthik
27	19Q61A0427	Kappera Anoosha
28	19Q61A0428	Kodem Devanand
29	19Q61A0429	Kommanaboina Pradeep
30	19Q61A0430	Koripelli Aishwarya
31	19Q61A0431	Lagga Saikoushik
32	19Q61A0432	Maddineni Mahesh

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33	19Q61A0433	Madhavaram Shiva Prasad
34	19Q61A0434	Mankal Supriya
35	19Q61A0435	Merugu Akash
36	19Q61A0436	Motam Navadeep
37	19Q61A0437	Munagala Dhanush
38	19Q61A0438	Nagollu Nikitha Reddy
39	19Q61A0439	Palvai Vigneshwar Reddy
40	19Q61A0440	Peesu Alekya
41	19Q61A0441	Pinnapureddy Mythli Reddy
42	19Q61A0442	Rangineni Gopi
43	19Q61A0443	Shivannagari Venkat Reddy
44	19Q61A0444	Siddiraju Sai Kalyan Teja
45	19Q61A0445	Ushkagula Manohar
46	19Q61A0446	Vangala Chithra Reddy
47	19Q61A0447	Veeramalla Sandeep Kumar
48	19Q61A0448	Veluvali Satya Madhunika
49	19Q61A0449	Vilasagaram Gopikrishna
50	19Q61A0450	Vittamsetti Praveen Kumar
51	19Q61A0451	Y Bheem Shanker
52	19Q61A0452	Yadarapu Manisha
53	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta
54	19Q61A0454	Alle Kesari Vijendra Simha
55	19Q61A0455	Ara Saipriya
56	19Q61A0456	Avuluri Venugopal Reddy
57	19Q61A0457	Bandaruu Raju
58	19Q61A0458	Bheemanaboina Saikirann
59	19Q61A0459	Devesh Agarwal
60	19Q61A0460	Guda Rahul
61	19Q61A0461	Guduri Prashanth Kumar
62	19Q61A0462	Jujuva Rajjath Kumar
63	19Q61A0463	K Srikanth
64	19Q61A0464	Karnati Upender Reddy
65	19Q61A0465	Kavali Dinesh Kumar
66	19Q61A0466	Kondoju Ankitha
67	19Q61A0467	Korpuri Arun Kumar
68	19Q61A0468	Kudikala Swapna
69	19Q61A0469	Mamindla Karthik
70	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal

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71	19Q61A0471	Mohammed Khaleel
72	19Q61A0472	Mote Vamshi Krishna
73	19Q61A0473	Mulakala Nireesha
74	19Q61A0474	Mulinti Mounika
75	19Q61A0475	Punna Srija
76	19Q61A0476	Syed Imran
77	19Q61A0477	Venreddy Rashmitha
78	19Q61A0478	Jakkidi Madhuri
79	19Q61A0479	Balamisu Divya
80	19Q61A0480	Venna Ujwala
81	19Q61A0481	Aithagoni Venkatesh
82	18Q61A0447	Bommireddy Nikhil Vardhan Reddy
83	18Q61A0450	Chellingi Durga Saiteja
84	18Q61A0441	Velga Shashidar Reddy
85	18Q61A0406	Boddu Srinivas Reddy
86	18Q61A0463	Pidugu Vivek
87	20Q65A0401	Bairi Bhaskar Goud
88	20Q65A0402	Bantu Shiva Prasad
89	20Q65A0403	Bhukya Sreelatha
90	20Q65A0404	Boda Saidulu
91	20Q65A0405	Ch Om Sai Vahini
92	20Q65A0406	Chitumalla Manideep
93	20Q65A0407	Gajagatla Keerthana
94	20Q65A0408	Gundeti Shruthi
95	20Q65A0409	K Shiva
96	20Q65A0410	Mandaloju Ramprasad
97	20Q65A0411	Mohammed Soheil
98	20Q65A0412	Nadikudi Mounika
99	20Q65A0413	Polepalli Hemanth
100	20Q65A0414	Puli Anusha
101	20Q65A0415	Puttapaga Manisha
102	20Q65A0416	Racharla Bhanuprasad
103	20Q65A0417	Adapaka Raviteja
104	20Q65A0418	Anna Keerthana
105	20Q65A0419	Attani Mahesh Yadav
106	20Q65A0420	Balnagar Govind
107	20Q65A0421	Bharatha Geetha
108	20Q65A0422	Chittumalla Sharath Chandra

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109	20Q65A0423	Deshagani Bharath Chandra
110	20Q65A0424	Gudise Divya
111	20Q65A0425	Karupothula Shyam Sunder
112	20Q65A0426	Kavati Karthik
113	20Q65A0427	Kothapelli Arunkumar
114	20Q65A0428	Mohite Rahul
115	20Q65A0429	Tharun Gundapu
116	20Q65A0430	Vasampalli Sowjanya
117	20Q65A0431	Vasampally Sravanthi
118	20Q65A0432	Voraganti Shashank Abhishek
119	20Q65A0433	Yelimeti Sai Sumanth
120	17Q61A0454	Perati Yashwanth Reddy
121	18Q61A0415	Jambula Rakesh Reddy

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Head of the Department
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IV YEAR I–SEM   **A.Y 2022-23**   **Date: 04-11-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07. 11. 22	08. 11. 22	09. 11. 22	10. 11. 22	11. 11. 22	12. 11. 22	13. 11. 22	14. 11. 22	15. 11. 22	16. 11. 22	17. 11. 22	18. 11. 22	19. 11. 22	20. 11. 22	21. 11. 22	22. 11. 22	23. 11. 22
1	19Q61A0401	Aitha Swamynath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19Q61A0402	Akkela Swetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19Q61A0403	Ala Sri Teja Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19Q61A0404	Amit Kumar Samal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19Q61A0405	Artham Anjali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19Q61A0406	Aytha Pavan Kalyan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19Q61A0407	Baddula Apoorva	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19Q61A0408	Bandaru Ram Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	19Q61A0409	Bandi Sindhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19Q61A0410	Barla Anil Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	19Q61A0411	Bathula Prashanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19Q61A0412	Bramadhevara Varun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
13	19Q61A0413	Chirumamilla Sai Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	19Q61A0414	Desi Deekshitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19Q61A0415	Donda Sampath Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	19Q61A0416	Enabothula Nagaraju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	19Q61A0417	Gaddam Sahana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	19Q61A0418	Gone Manohar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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19	19Q61A0419	Gorla Akshaya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	19Q61A0420	Gorrepati Yaswanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	19Q61A0421	Gouni Srinika Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	19Q61A0422	Gummula Anupama	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	19Q61A0423	Gummula Sripathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	19Q61A0424	Irukulapati Sai Charan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	19Q61A0425	Jagadabi Venu Gopal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	19Q61A0426	K Ajay Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	19Q61A0427	Kappera Anoosha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	19Q61A0428	Kodem Devanand	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	19Q61A0429	Kommanaboina Pradeep	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
30	19Q61A0430	Koripelli Aishwarya	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
31	19Q61A0431	Lagga Saikoushik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19Q61A0432	Maddineni Mahesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19Q61A0433	Madhavaram Shiva Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19Q61A0434	Mankal Supriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	19Q61A0435	Merugu Akash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	19Q61A0436	Motam Navadeep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	19Q61A0437	Munagala Dhanush	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	19Q61A0438	Nagollu Nikitha Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	19Q61A0439	Palvai Vigneshwar Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	19Q61A0440	Peesu Alekya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	19Q61A0441	Pinnapureddy Mythli Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	19Q61A0442	Rangineni Gopi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	19Q61A0443	Shivannagari Venkat Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	19Q61A0444	Siddiraju Sai Kalyan Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	19Q61A0445	Ushkagula Manohar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	19Q61A0446	Vangala Chithra Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	19Q61A0447	Veeramalla Sandeep Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	19Q61A0448	Veluvali Satya Madhunika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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S.No	Roll No	Name																	
49	19Q61A0449	Vilasagaram Gopikrishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	19Q61A0450	Vittamsetti Praveen Kumar	P	P	P	P	P	P	(A)	P	P	P	P	P	P	P	P	P	P
51	19Q61A0451	Y Bheem Shanker	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	19Q61A0452	Yadarapu Manisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	19Q61A0454	Alle Kesari Vijendra Simha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	19Q61A0455	Ara Saipriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	19Q61A0456	Avuluri Venugopal Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	19Q61A0457	Bandaruu Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	19Q61A0458	Bheemanaboina Saikirann	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	19Q61A0459	Devesh Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	19Q61A0460	Guda Rahul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	19Q61A0461	Guduri Prashanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	19Q61A0462	Jujuva Rajjath Kumar	P	P	P	(A)	P	P	P	P	P	P	P	P	P	P	P	P	P
63	19Q61A0463	K Srikanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	19Q61A0464	Karnati Upender Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	19Q61A0465	Kavali Dinesh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	19Q61A0466	Kondoju Ankitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	19Q61A0467	Korpuri Arun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	19Q61A0468	Kudikala Swapna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	19Q61A0469	Mamindla Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	19Q61A0471	Mohammed Khaleel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	19Q61A0472	Mote Vamshi Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	19Q61A0473	Mulakala Nireesha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	19Q61A0474	Mulinti Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	19Q61A0475	Punna Srija	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76	19Q61A0476	Syed Imran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77	19Q61A0477	Venreddy Rashmitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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S.No	Roll No	Name																		
78	19Q61A0478	Jakkidi Madhuri	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	78
79	19Q61A0479	Balamisu Divya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
80	19Q61A0480	Venna Ujwala	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
81	19Q61A0481	Aithagoni Venkatesh	P	P	P	P	P	P	P	P	(A)	P	P	P	P	P	P	P	P	
82	18Q61A0447	Bommireddy Nikhil Vardhan Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
83	18Q61A0450	Chellingi Durga Saiteja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
84	18Q61A0441	Velga Shashidar Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
85	18Q61A0406	Boddu Srinivas Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
86	18Q61A0463	Pidugu Vivek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
87	20Q65A0401	Bairi Bhaskar Goud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
88	20Q65A0402	Bantu Shiva Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
89	20Q65A0403	Bhukya Sreelatha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
90	20Q65A0404	Boda Saidulu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
91	20Q65A0405	Ch Om Sai Vahini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
92	20Q65A0406	Chitumalla Manideep	P	P	P	P	P	(A)	P	P	P	P	P	P	P	P	P	P	P	
93	20Q65A0407	Gajagatla Keerthana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
94	20Q65A0408	Gundeti Shruthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
95	20Q65A0409	K Shiva	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
96	20Q65A0410	Mandaloju Ramprasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
97	20Q65A0411	Mohammed Soheil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
98	20Q65A0412	Nadikudi Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
99	20Q65A0413	Polepalli Hemanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
100	20Q65A0414	Puli Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
101	20Q65A0415	Puttapaga Manisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
102	20Q65A0416	Racharla Bhanuprasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
103	20Q65A0417	Adapaka Raviteja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
104	20Q65A0418	Anna Keerthana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
105	20Q65A0419	Attani Mahesh Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
106	20Q65A0420	Balnagar Govind	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
107	20Q65A0421	Bharatha Geetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

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108	20Q65A0422	Chittumalla Sharath Chandra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	20Q65A0423	Deshagani Bharath Chandra	P	P	(A)	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	20Q65A0424	Gudise Divya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	20Q65A0425	Karupothula Shyam Sunder	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
112	20Q65A0426	Kavati Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
113	20Q65A0427	Kothapelli Arunkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	20Q65A0428	Mohite Rahul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	20Q65A0429	Tharun Gundapu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
116	20Q65A0430	Vasampalli Sowjanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	20Q65A0431	Vasampally Sravanthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	20Q65A0432	Voraganti Shashank Abhishek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
119	20Q65A0433	Yelimeti Sai Sumanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	17Q61A0454	Perati Yashwanth Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
121	18Q61A0415	Jambula Rakesh Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **A.Y 2022-23**   **Date: 07-11-2022 to 27-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0401	Aitha Swamynath	36	100
2	19Q61A0402	Akkela Swetha	36	100
3	19Q61A0403	Ala Sri Teja Reddy	36	100
4	19Q61A0404	Amit Kumar Samal	36	100
5	19Q61A0405	Artham Anjali	36	100
6	19Q61A0406	Aytha Pavan Kalyan	36	100
7	19Q61A0407	Baddula Apoorva	36	100
8	19Q61A0408	Bandaru Ram Reddy	36	100
9	19Q61A0409	Bandi Sindhu	36	100
10	19Q61A0410	Barla Anil Kumar	36	100
11	19Q61A0411	Bathula Prashanth	36	100
12	19Q61A0412	Bramadhevara Varun Kumar	36	100
13	19Q61A0413	Chirumamilla Sai Teja	36	100
14	19Q61A0414	Desi Deekshitha	36	100
15	19Q61A0415	Donda Sampath Reddy	36	100
16	19Q61A0416	Enabothula Nagaraju	36	100
17	19Q61A0417	Gaddam Sahana	36	100
18	19Q61A0418	Gone Manohar	36	100
19	19Q61A0419	Gorla Akshaya	36	100
20	19Q61A0420	Gorrepati Yaswanth	36	100
21	19Q61A0421	Gouni Srinika Reddy	36	100
22	19Q61A0422	Gummula Anupama	36	100
23	19Q61A0423	Gummula Sripathi	36	100
24	19Q61A0424	Irukulapati Sai Charan	36	100
25	19Q61A0425	Jagadabi Venu Gopal	36	100
26	19Q61A0426	K Ajay Karthik	36	100
27	19Q61A0427	Kappera Anoosha	36	100
28	19Q61A0428	Kodem Devanand	36	100
29	19Q61A0429	Kommanaboina Pradeep	36	100
30	19Q61A0430	Koripelli Aishwarya	36	100
31	19Q61A0431	Lagga Saikoushik	36	100

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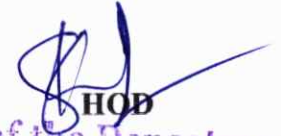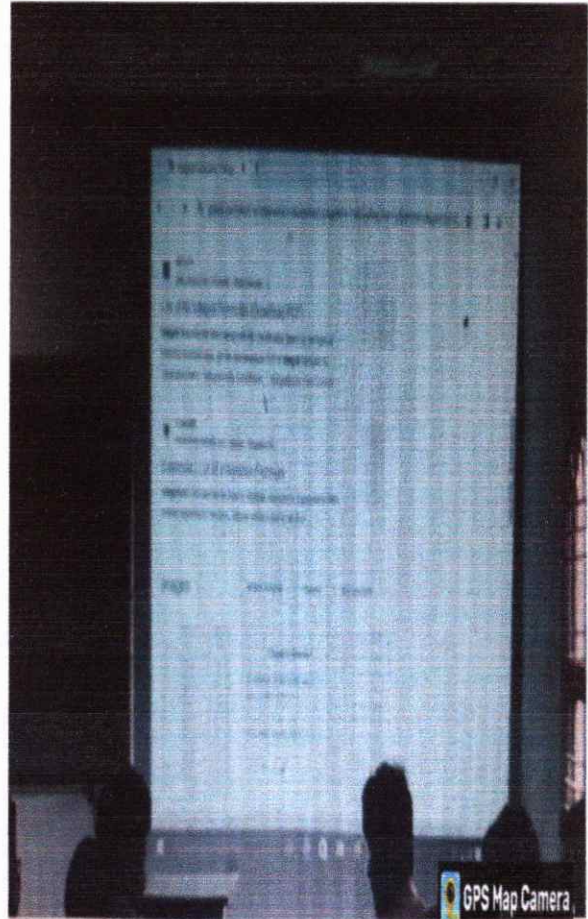
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32	19Q61A0432	Maddineni Mahesh	36	100
33	19Q61A0433	Madhavaram Shiva Prasad	36	100
34	19Q61A0434	Mankal Supriya	36	100
35	19Q61A0435	Merugu Akash	36	100
36	19Q61A0436	Motam Navadeep	36	100
37	19Q61A0437	Munagala Dhanush	36	100
38	19Q61A0438	Nagollu Nikitha Reddy	36	100
39	19Q61A0439	Palvai Vigneshwar Reddy	36	100
40	19Q61A0440	Peesu Alekya	36	100
41	19Q61A0441	Pinnapureddy Mythli Reddy	36	100
42	19Q61A0442	Rangineni Gopi	36	100
43	19Q61A0443	Shivannagari Venkat Reddy	36	100
44	19Q61A0444	Siddiraju Sai Kalyan Teja	36	100
45	19Q61A0445	Ushkagula Manohar	36	100
46	19Q61A0446	Vangala Chithra Reddy	36	100
47	19Q61A0447	Veeramalla Sandeep Kumar	36	100
48	19Q61A0448	Veluvali Satya Madhunika	36	100
49	19Q61A0449	Vilasagaram Gopikrishna	36	100
50	19Q61A0450	Vittamsetti Praveen Kumar	36	100
51	19Q61A0451	Y Bheem Shanker	36	100
52	19Q61A0452	Yadarapu Manisha	36	100
53	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta	36	100
54	19Q61A0454	Alle Kesari Vijendra Simha	36	100
55	19Q61A0455	Ara Saipriya	36	100
56	19Q61A0456	Avuluri Venugopal Reddy	36	100
57	19Q61A0457	Bandaruu Raju	36	100
58	19Q61A0458	Bheemanaboina Saikirann	36	100
59	19Q61A0459	Devesh Agarwal	36	100
60	19Q61A0460	Guda Rahul	36	100
61	19Q61A0461	Guduri Prashanth Kumar	36	100
62	19Q61A0462	Jujuva Rajjath Kumar	36	100
63	19Q61A0463	K Srikanth	36	100
64	19Q61A0464	Karnati Upender Reddy	36	100
65	19Q61A0465	Kavali Dinesh Kumar	36	100
66	19Q61A0466	Kondoju Ankitha	36	100
67	19Q61A0467	Korpuri Arun Kumar	36	100
68	19Q61A0468	Kudikala Swapna	36	100

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69	19Q61A0469	Mamindla Karthik	36	100
70	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal	36	100
71	19Q61A0471	Mohammed Khaleel	36	100
72	19Q61A0472	Mote Vamshi Krishna	36	100
73	19Q61A0473	Mulakala Nireesha	36	100
74	19Q61A0474	Mulinti Mounika	36	100
75	19Q61A0475	Punna Srija	36	100
76	19Q61A0476	Syed Imran	36	100
77	19Q61A0477	Venreddy Rashmitha	36	100
78	19Q61A0478	Jakkidi Madhuri	36	100
79	19Q61A0479	Balamisu Divya	36	100
80	19Q61A0480	Venna Ujwala	36	100
81	19Q61A0481	Aithagoni Venkatesh	36	100
82	18Q61A0447	Bommireddy Nikhil Vardhan Reddy	36	100
83	18Q61A0450	Chellingi Durga Saiteja	36	100
84	18Q61A0441	Velga Shashidar Reddy	36	100
85	18Q61A0406	Boddu Srinivas Reddy	36	100
86	18Q61A0463	Pidugu Vivek	36	100
87	20Q65A0401	Bairi Bhaskar Goud	36	100
88	20Q65A0402	Bantu Shiva Prasad	36	100
89	20Q65A0403	Bhukya Sreelatha	36	100
90	20Q65A0404	Boda Saidulu	36	100
91	20Q65A0405	Ch Om Sai Vahini	36	100
92	20Q65A0406	Chitumalla Manideep	36	100
93	20Q65A0407	Gajagatla Keerthana	36	100
94	20Q65A0408	Gundeti Shruthi	36	100
95	20Q65A0409	K Shiva	36	100
96	20Q65A0410	Mandaloju Ramprasad	36	100
97	20Q65A0411	Mohammed Soheil	36	100
98	20Q65A0412	Nadikudi Mounika	36	100
99	20Q65A0413	Polepalli Hemanth	36	100
100	20Q65A0414	Puli Anusha	36	100
101	20Q65A0415	Puttapaga Manisha	36	100
102	20Q65A0416	Racharla Bhanuprasad	36	100
103	20Q65A0417	Adapaka Raviteja	36	100
104	20Q65A0418	Anna Keerthana	36	100

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105	20Q65A0419	Attani Mahesh Yadav	36	100
106	20Q65A0420	Balnagar Govind	36	100
107	20Q65A0421	Bharatha Geetha	36	100
108	20Q65A0422	Chittumalla Sharath Chandra	36	100
109	20Q65A0423	Deshagani Bharath Chandra	36	100
110	20Q65A0424	Gudise Divya	36	100
111	20Q65A0425	Karupothula Shyam Sunder	36	100
112	20Q65A0426	Kavati Karthik	36	100
113	20Q65A0427	Kothapelli Arunkumar	36	100
114	20Q65A0428	Mohite Rahul	36	100
115	20Q65A0429	Tharun Gundapu	36	100
116	20Q65A0430	Vasampalli Sowjanya	36	100
117	20Q65A0431	Vasampally Sravanthi	36	100
118	20Q65A0432	Voraganti Shashank Abhishek	36	100
119	20Q65A0433	Yelimeti Sai Sumanth	36	100
120	17Q61A0454	Perati Yashwanth Reddy	36	100
121	18Q61A0415	Jambula Rakesh Reddy	36	100

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Ranga Reddy Dist, Telangana.

Head of the Department

Electronics & Communication Engineering

Avanthi Institute of Engineering & Technology

PRINCIPAL Gunthapally (VIII), Abdullapur Met (Mdl),

Avanthi Institute of Engg. & Tech Ranga Reddy District.

Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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Gunthapally (V), Abdullapur Met (Mdl),

Ranga Reddy Dist, Telangana.

PRINCIPAL

Avanthi Institute of Engg. & Te

Gunthapally (V), Abdullapurmet (Mdl) R.R.Dis

HOD

Head of the Department

Electronics & Communication Engineering

Avanthi Institute of Engineering & Technology

Gunthapally (Vill), Abdullapur Met (Mdl),

Ranga Reddy District.

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VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	19Q61A0201	Banala Sai Vivek
2	19Q61A0202	Banoth Rajesh
3	19Q61A0203	Banoth Sidhu Nayak
4	19Q61A0204	Boluguri Madhuri
5	19Q61A0205	Dharavath Narasimha
6	19Q61A0206	Jangeeli Praveen Kumar Patel
7	19Q61A0207	Kola Eshwar
8	19Q61A0208	Koripelli Chandu
9	19Q61A0209	Korra Naveen
10	19Q61A0210	Kotagiri Harshavardhan
11	19Q61A0211	Manda Ramu
12	19Q61A0212	Narapati Dinesh Kumar
13	19Q61A0213	P Vamshi
14	19Q61A0214	Panugothu Muni
15	19Q61A0215	Verpula Shiva Shankar
16	19Q61A0216	Areboina Kishore
17	19Q61A0217	Bojja Vishwadeepak
18	19Q61A0218	Goli Nagendrababu
19	19Q61A0219	Murugeshan Siri Sagar
20	19Q61A0220	Nallani Nagavenkata Chakravarthi
21	19Q61A0221	Padom Gowthamkumar
22	20Q65A0201	Atte Archana
23	20Q65A0202	Madas Vaishnavi
24	20Q65A0203	Marla Manikanta
25	20Q65A0204	Raviteja Desharajula
26	20Q65A0205	Sumanth Molmoori
27	20Q65A0206	Bangaru Akash Chary

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28	20Q65A0207	Beemanapalli Uma Mahesh
29	20Q65A0208	Beenamoni Ganesh
30	20Q65A0209	Ch Nvss Murali Krishna
31	20Q65A0210	Ch Prem Teja
32	20Q65A0211	Dasari Dhruvanithin
33	20Q65A0212	Dharipally Krishna Reddy
34	20Q65A0213	Gajjela Dayanand
35	20Q65A0214	Gajjela Sravani
36	20Q65A0215	Kanukuntla Eshwar
37	20Q65A0216	Karravula Shashidhar
38	20Q65A0217	Katikojula Soumya
39	20Q65A0218	Koripally Rohith Kumar
40	20Q65A0219	M Keshavulu Yadav
41	20Q65A0220	Mamidala Shiva Deepak
42	20Q65A0221	Mathangi Vineela
43	20Q65A0222	Medishetti Vamshi Krishna
44	20Q65A0223	Mohammad Abdul Rahman
45	20Q65A0224	Mohammad Sohel
46	20Q65A0225	Molugu Ajay Bhargav Reddy
47	20Q65A0226	Myaka Nandakrishna
48	20Q65A0227	Myakala Raju
49	20Q65A0228	Nakeertha Vinesh
50	20Q65A0229	Nakerakanti Bhanu Prakash
51	20Q65A0230	Nallamudi Karthikeya
52	20Q65A0231	Nunavath Vamshi Nayak
53	20Q65A0232	Padala Abhinay
54	20Q65A0233	Pagidi Shiva Kumar
55	20Q65A0234	Penjarla Ganesh
56	20Q65A0235	Ragula Ganesh
57	20Q65A0236	Rayudu Jagadeesh Sai
58	20Q65A0237	Sandineni Harish
59	20Q65A0238	Shaga Raju

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Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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60	20Q65A0239	Sura Manikanta
61	20Q65A0240	Vinukonda Laxman Kumar
62	20Q65A0241	Yousuf Khan

CO ORDINATOR

CO ORDINATOR

anthi Institute of Engineering & Technolog,

Gunthapally (V), Abdullapur Met (Mdl),

Ranga Reddy Dist, Telangana.

Head of the Department

Electrical & **HOD** tronics Engineer

Avanthi Institute of Engine

Gunthapally (Vill), Abd

Ranga Redd

PRINCIPAL

Avanthi Institute of Engg. & Tech

Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE NAME: ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES

IV YEAR I–SEM   **A.Y 2022-23**   **Date: 04-11-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07.11.22	08.11.22	09.11.22	10.11.22	11.11.22	12.11.22	13.11.22	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22	19.11.22	20.11.22	21.11.22	22.11.22	23.11.22
1	19Q61A0201	Banala Sai Vivek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19Q61A0202	Banoth Rajesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19Q61A0203	Banoth Sidhu Nayak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19Q61A0204	Boluguri Madhuri	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19Q61A0205	Dharavath Narasimha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19Q61A0206	Jangeeli Praveen Kumar Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19Q61A0207	Kola Eshwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19Q61A0208	Koripelli Chandu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	(A)
9	19Q61A0209	Korra Naveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19Q61A0210	Kotagiri Harshavardhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	19Q61A0211	Manda Ramu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19Q61A0212	Narapati Dinesh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	19Q61A0213	P Vamshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	19Q61A0214	Panugothu Muni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19Q61A0215	Verpula Shiva Shankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	19Q61A0216	Areboina Kishore	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	19Q61A0217	Bojja Vishwadeepak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	19Q61A0218	Goli Nagendrababu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	19Q61A0219	Murugeshan Siri Sagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Avanthi Institute of Engg. & Tech
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20	19Q61A0220	Nallani Nagavenkata Chakravarthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	19Q61A0221	Padom Gowthamkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	20Q65A0201	Atte Archana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	20Q65A0202	Madas Vaishnavi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	20Q65A0203	Marla Manikanta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	20Q65A0204	Raviteja Desharajula	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	20Q65A0205	Sumanth Molmoori	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20Q65A0206	Bangaru Akash Chary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	20Q65A0207	Beemanapalli Uma Mahesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	20Q65A0208	Beenamoni Ganesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	20Q65A0209	Ch Nvss Murali Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	20Q65A0210	Ch Prem Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	20Q65A0211	Dasari Dhruvanithin	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	20Q65A0212	Dharipally Krishna Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	20Q65A0213	Gajjela Dayanand	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	(A)	P
35	20Q65A0214	Gajjela Sravani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	20Q65A0215	Kanukuntla Eshwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	20Q65A0216	Karravula Shashidhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	20Q65A0217	Katikojula Soumya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	20Q65A0218	Koripally Rohith Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	20Q65A0219	M Keshavulu Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	20Q65A0220	Mamidala Shiva Deepak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	20Q65A0221	Mathangi Vineela	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	20Q65A0222	Medishetti Vamshi Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	20Q65A0223	Mohammad Abdul Rahman	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	20Q65A0224	Mohammad Sohel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	20Q65A0225	Molugu Ajay Bhargav Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	20Q65A0226	Myaka Nandakrishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	20Q65A0227	Myakala Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	20Q65A0228	Nakeertha Vinesh	P	P	P	P	P	P	P	(A)	P	P	P	P	P	P	P	P	P

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50	20Q65A0229	Nakerakanti Bhanu Prakash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	20Q65A0230	Nallamudi Karthikeya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	20Q65A0231	Nunavath Vamshi Nayak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	20Q65A0232	Padala Abhinay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	20Q65A0233	Pagidi Shiva Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	20Q65A0234	Penjarla Ganesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	20Q65A0235	Ragula Ganesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	20Q65A0236	Rayudu Jagadeesh Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	20Q65A0237	Sandineni Harish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	20Q65A0238	Shaga Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	20Q65A0239	Sura Manikanta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	20Q65A0240	Vinukonda Laxman Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	20Q65A0241	Yousuf Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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HOD
Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl).
Range Reddy District.

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VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **A.Y 2022-23**   **Date: 07-11-2022 to 27-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0201	Banala Sai Vivek	36	100
2	19Q61A0202	Banoth Rajesh	36	100
3	19Q61A0203	Banoth Sidhu Nayak	36	100
4	19Q61A0204	Boluguri Madhuri	36	100
5	19Q61A0205	Dharavath Narasimha	36	100
6	19Q61A0206	Jangeeli Praveen Kumar Patel	36	100
7	19Q61A0207	Kola Eshwar	36	100
8	19Q61A0208	Koripelli Chandu	36	100
9	19Q61A0209	Korra Naveen	36	100
10	19Q61A0210	Kotagiri Harshavardhan	36	100
11	19Q61A0211	Manda Ramu	36	100
12	19Q61A0212	Narapati Dinesh Kumar	36	100
13	19Q61A0213	P Vamshi	36	100
14	19Q61A0214	Panugothu Muni	36	100
15	19Q61A0215	Verpula Shiva Shankar	36	100
16	19Q61A0216	Areboina Kishore	36	100
17	19Q61A0217	Bojja Vishwadeepak	36	100
18	19Q61A0218	Goli Nagendrababu	36	100
19	19Q61A0219	Murugeshan Siri Sagar	36	100
20	19Q61A0220	Nallani Nagavenkata Chakravarthi	36	100
21	19Q61A0221	Padom Gowthamkumar	36	100
22	20Q65A0201	Atte Archana	36	100
23	20Q65A0202	Madas Vaishnavi	36	100
24	20Q65A0203	Marla Manikanta	36	100
25	20Q65A0204	Raviteja Desharajula	36	100
26	20Q65A0205	Sumanth Molmoori	36	100

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27	20Q65A0206	Bangaru Akash Chary	36	100
28	20Q65A0207	Beemanapalli Uma Mahesh	36	100
29	20Q65A0208	Beenamoni Ganesh	36	100
30	20Q65A0209	Ch Nvss Murali Krishna	36	100
31	20Q65A0210	Ch Prem Teja	36	100
32	20Q65A0211	Dasari Dhruvanithin	36	100
33	20Q65A0212	Dharipally Krishna Reddy	36	100
34	20Q65A0213	Gajjela Dayanand	36	100
35	20Q65A0214	Gajjela Sravani	36	100
36	20Q65A0215	Kanukuntla Eshwar	36	100
37	20Q65A0216	Karravula Shashidhar	36	100
38	20Q65A0217	Katikojula Soumya	36	100
39	20Q65A0218	Koripally Rohith Kumar	36	100
40	20Q65A0219	M Keshavulu Yadav	36	100
41	20Q65A0220	Mamidala Shiva Deepak	36	100
42	20Q65A0221	Mathangi Vineela	36	100
43	20Q65A0222	Medishetti Vamshi Krishna	36	100
44	20Q65A0223	Mohammad Abdul Rahman	36	100
45	20Q65A0224	Mohammad Sohel	36	100
46	20Q65A0225	Molugu Ajay Bhargav Reddy	36	100
47	20Q65A0226	Myaka Nandakrishna	36	100
48	20Q65A0227	Myakala Raju	36	100
49	20Q65A0228	Nakeertha Vinesh	36	100
50	20Q65A0229	Nakerakanti Bhanu Prakash	36	100
51	20Q65A0230	Nallamudi Karthikeya	36	100
52	20Q65A0231	Nunavath Vamshi Nayak	36	100
53	20Q65A0232	Padala Abhinay	36	100
54	20Q65A0233	Pagidi Shiva Kumar	36	100
55	20Q65A0234	Penjarla Ganesh	36	100
56	20Q65A0235	Ragula Ganesh	36	100
57	20Q65A0236	Rayudu Jagadeesh Sai	36	100
58	20Q65A0237	Sandineni Harish	36	100

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59	20Q65A0238	Shaga Raju	36	100
60	20Q65A0239	Sura Manikanta	36	100
61	20Q65A0240	Vinukonda Laxman Kumar	36	100
62	20Q65A0241	Yousuf Khan	36	100

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Head of the Department **HOD**

Electrical & Electronics Engineering

Avanthi Institute of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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Ranga Reddy Dist, Telangana,

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Guntihapally (V), Abdullapurmet (Mdl) R.R.Dis

HOD
Head of the Department
Electrical & Electronics Engineering
anthi Institute of Engineering & Technology
Gunthapally (Vill). Abdullapur Met (Mdl),
Ranga Reddy District.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	19Q61A0301	Gurthula Rakesh
2	19Q61A0302	Kornu Venkatesh
3	19Q61A0303	Kothur Tharun
4	19Q61A0304	Kusa Anil Kumar
5	19Q61A0305	Lavudya Rambabu
6	19Q61A0306	Munjam Saikiran
7	19Q61A0307	Pilli Venkat
8	19Q61A0308	Jinna Srinivas
9	19Q61A0309	Parne Bheemarjunreddy
10	17Q61A0325	Palvatala Sainath Reddy
11	16Q61A0324	Parne Sai Kiran Reddy
12	18Q65A0324	Yadlapally Kartheek
13	17Q61A0301	Ava Arjun
14	20Q65A0301	Adhikoppula Rohith Kumar
15	20Q65A0302	Dobbala Santhosh Kumar
16	20Q65A0303	Mule Keerthana
17	20Q65A0304	Supriya Endoori
18	20Q65A0305	Suthralavamshikrishna
19	20Q65A0306	V.Pavan Kumar
20	20Q65A0307	A Anand
21	20Q65A0308	Annareddy Ganesh
22	20Q65A0309	Chennagari Sanjaygoud
23	20Q65A0310	Gorla Naveen
24	20Q65A0311	Jadhav Sopan
25	20Q65A0312	Jogu Raju
26	20Q65A0313	Kankurthe Naresh
27	20Q65A0314	Kethavath Nitish Kumar
28	20Q65A0315	M Sai Kumar
29	20Q65A0316	Marru Tharun
30	20Q65A0317	Pagadala Srilekha
31	20Q65A0318	Ramavath Mathru
32	20Q65A0319	Sabhavatsainaik

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33	20Q65A0320	Sampangi Surya Kiran
34	20Q65A0321	Somala Gouthami
35	20Q65A0322	Sopparwar Manesh
36	20Q65A0323	Yedla Venu Gopala Krishna
37	20Q65A0324	V Kiran Kumar
38	18N81A0308	Anvesh Sriramoju
39	18N81A0306	Gopidi Sridhar

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anthi Institute of Engineering & Technology
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VALUE ADDED COURSE NAME: ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES

IV YEAR I–SEM   A.Y 2022-23   **Date: 04-11-2022**

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07.11.22	08.11.22	09.11.22	10.11.22	11.11.22	12.11.22	13.11.22	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22	19.11.22	20.11.22	21.11.22	22.11.22	23.11.22
1	19Q61A0301	Gurthula Rakesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19Q61A0302	Kornu Venkatesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19Q61A0303	Kothur Tharun	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
4	19Q61A0304	Kusa Anil Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19Q61A0305	Lavudya Rambabu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19Q61A0306	Munjam Saikiran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	19Q61A0307	Pilli Venkat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19Q61A0308	Jinna Srinivas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	19Q61A0309	Parne Bheemarjunreddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	17Q61A0325	Palvatala Sainath Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	16Q61A0324	Parne Sai Kiran Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18Q65A0324	Yadlapally Kartheek	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	17Q61A0301	Ava Arjun	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	20Q65A0301	Adhikoppula Rohith Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	20Q65A0302	Dobbala Santhosh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	20Q65A0303	Mule Keerthana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	20Q65A0304	Supriya Endoori	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	20Q65A0305	Suthralavamshikrishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	20Q65A0306	V.Pavan Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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20	20Q65A0307	A Anand	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	20Q65A0308	Annareddy Ganesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	20Q65A0309	Chennagari Sanjaygoud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	20Q65A0310	Gorla Naveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	20Q65A0311	Jadhav Sopan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	20Q65A0312	Jogu Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	20Q65A0313	Kankurthe Naresh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	20Q65A0314	Kethavath Nitish Kumar	P	P	P	P	P	P	P	P	P	P	Ⓐ	P	P	P	P	P	P
28	20Q65A0315	M Sai Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	20Q65A0316	Marru Tharun	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	20Q65A0317	Pagadala Srilekha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	20Q65A0318	Ramavath Mathru	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	20Q65A0319	Sabhavatsainaik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	20Q65A0320	Sampangi Surya Kiran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	20Q65A0321	Somala Gouthami	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	20Q65A0322	Sopparwar Manesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	20Q65A0323	Yedla Venu Gopala Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
37	20Q65A0324	V Kiran Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	18N81A0308	Anvesh Sriramoju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	18N81A0306	Gopidi Sridhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Ⓐ	P	P

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HOD

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **A.Y 2022-23**   **Date: 07-11-2022 to 27-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0301	Gurthula Rakesh	36	100
2	19Q61A0302	Kornu Venkatesh	36	100
3	19Q61A0303	Kothur Tharun	36	100
4	19Q61A0304	Kusa Anil Kumar	36	100
5	19Q61A0305	Lavudya Rambabu	36	100
6	19Q61A0306	Munjam Saikiran	36	100
7	19Q61A0307	Pilli Venkat	36	100
8	19Q61A0308	Jinna Srinivas	36	100
9	19Q61A0309	Parne Bheemarjunreddy	36	100
10	17Q61A0325	Palvatala Sainath Reddy	36	100
11	16Q61A0324	Parne Sai Kiran Reddy	36	100
12	18Q65A0324	Yadlapally Kartheek	36	100
13	17Q61A0301	Ava Arjun	36	100
14	20Q65A0301	Adhikoppula Rohith Kumar	36	100
15	20Q65A0302	Dobbala Santhosh Kumar	36	100
16	20Q65A0303	Mule Keerthana	36	100
17	20Q65A0304	Supriya Endoori	36	100
18	20Q65A0305	Suthralavamshikrishna	36	100
19	20Q65A0306	V.Pavan Kumar	36	100
20	20Q65A0307	A Anand	36	100
21	20Q65A0308	Annareddy Ganesh	36	100
22	20Q65A0309	Chennagari Sanjaygoud	36	100
23	20Q65A0310	Gorla Naveen	36	100
24	20Q65A0311	Jadhav Sopan	36	100
25	20Q65A0312	Jogu Raju	36	100
26	20Q65A0313	Kankurthe Naresh	36	100
27	20Q65A0314	Kethavath Nitish Kumar	36	100
28	20Q65A0315	M Sai Kumar	36	100
29	20Q65A0316	Marru Tharun	36	100
30	20Q65A0317	Pagadala Srilekha	36	100
31	20Q65A0318	Ramavath Mathru	36	100

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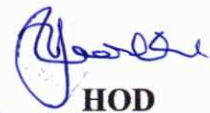| 32 | 20Q65A0319 | Sabhavatsainaik | 36 | 100 |
33	20Q65A0320	Sampangi Surya Kiran	36	100
34	20Q65A0321	Somala Gouthami	36	100
35	20Q65A0322	Sopparwar Manesh	36	100
36	20Q65A0323	Yedla Venu Gopala Krishna	36	100
37	20Q65A0324	V Kiran Kumar	36	100
38	18N81A0308	Anvesh Sriramoju	36	100
39	18N81A0306	Gopidi Sridhar	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

CLASS: IV YEAR-I SEM
SECTION: B

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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Ranga Reddy Dist, Telangana.

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Avanthi Institute of Engg. & Te
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dis

Head of the Department
HOD
Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy District, Telangana.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: IV YEAR-I SEM

SECTION: C

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	Entrepreneurship Abroad Education & Start up Initiatives	BREAK	Entrepreneurship Abroad Education & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM   **ENROLLED STUDENTS LIST**   **A.Y 2022-2023**

S.No	Roll Number	Name of The Student
1	19Q61A0501	Aerukala Shiva Kumar
2	19Q61A0502	Ailagoni Maina
3	19Q61A0503	Aitipamula Vinay Kumar
4	19Q61A0504	Alladi Ranjith
5	19Q61A0505	Alugula Venkat Reddy
6	19Q61A0506	Ambesh Yadav
7	19Q61A0507	Anantha Radhika
8	19Q61A0508	Annepu Supraja
9	19Q61A0509	Baddam Umesh Reddy
10	19Q61A0510	Badreenath Gudipudi
11	19Q61A0511	Baluguri Prashanth Rao
12	19Q61A0512	Banne Mamatha
13	19Q61A0513	Bathula Shyamkumar
14	19Q61A0514	Bhagavatula Sasank
15	19Q61A0515	Boda Manisha
16	19Q61A0516	Bodakunti Ajay Kumar
17	19Q61A0517	Bokka Arshith Reddy
18	19Q61A0518	Bollaveni Rakesh
19	19Q61A0519	Cherukuri Rakesh
20	19Q61A0520	G Satish Kumar Reddy
21	19Q61A0521	Gobburi Nandini
22	19Q61A0522	Gollapalli Dileep Kumar
23	19Q61A0523	Gopu Bhasker
24	19Q61A0524	Gudepu Sowjanya
25	19Q61A0525	Guntaka Teja Venkat Reddy
26	19Q61A0526	Gurrala Gowtham Sai
27	19Q61A0527	Jakkala Manisha
28	19Q61A0528	Jakkula Srinath
29	19Q61A0529	Janagama Sai Kumar Goud
30	19Q61A0530	Juvvanthula Harsha
31	19Q61A0531	Kagithapu Adithya
32	19Q61A0532	Kairamkonda Pavan Kumar
33	19Q61A0533	S Manoj Reddy
34	19Q61A0534	Bojja Sai Charan Reddy
35	19Q61A0535	Chittiprolu Arun Kumar
36	19Q61A0536	Guntoju Renuka
37	19Q61A0537	I Raghavendra Reddy
38	19Q61A0538	Jitta Rajashekar

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39	19Q61A0539	Katam Sneha
40	19Q61A0540	Kolli Priyanka Chowdary
41	19Q61A0541	Mohammed Sameer Ahmed
42	19Q61A0542	Mudireddy Niteesh Reddy
43	19Q61A0543	Abhinav Kumar Singh
44	19Q61A0544	Ajaykumar Vakiti
45	19Q61A0545	Anisetty Ganesh
46	19Q61A0546	Aryan Muni
47	19Q61A0547	Balasani Praneethsai
48	19Q61A0548	Budde Chandu
49	19Q61A0549	Busi Vasudev Yadav
50	19Q61A0550	Chintanippu Vamshi
51	19Q61A0551	Dandu Rahulsai Kumar Reddy
52	19Q61A0552	Daripally Sri Ram
53	19Q61A0553	Devarakonda Vinay
54	19Q61A0554	Donda Thulasi
55	19Q61A0555	G Guru Charan
56	19Q61A0556	Gadiga Gayathri Nand
57	19Q61A0557	Gudipudi Ravi Prakash
58	19Q61A0558	Gundeti Pavan Kumar
59	19Q61A0559	Katta Asrith Reddy
60	19Q61A0560	Kayyala Akshay Yadav
61	19Q61A0561	Kampati Tarun Kumar
62	19Q61A0562	Kancharla Akshitha
63	19Q61A0563	Kancharla Saikumar
64	19Q61A0564	Kandhi Vidhya Reddy
65	19Q61A0565	Kandula Manasa
66	19Q61A0566	Karakatla Lokesh
67	19Q61A0567	Kasam Sai Teja
68	19Q61A0568	Kasukurthi Sri Sowmya Devi
69	19Q61A0569	Katukuri Rakesh
70	19Q61A0570	Kenche Bala Dattu
71	19Q61A0571	Koli Harina
72	19Q61A0572	Kothapally Rajendhar
73	19Q61A0573	Kowdagani Sai Neeraj Kumar
74	19Q61A0574	Kunareddy Shiva Reddy
75	19Q61A0575	Lukka Venkata Sudheer
76	19Q61A0576	M Mallesh
77	19Q61A0577	M Nithya
78	19Q61A0578	Maalipattu Likitha
79	19Q61A0579	Maddela Akash
80	19Q61A0580	Madduri Pravalika
81	19Q61A0581	Maggidi Narsareddy
82	19Q61A0582	Mallepally Mounika
83	19Q61A0583	Mandala Ananth Reddy

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84	19Q61A0584	Mangani Jatin
85	19Q61A0585	Mari Bhavana
86	19Q61A0586	Marthota Manoj Kumar
87	19Q61A0587	Matlapudi Chinmaya Sai
88	19Q61A0588	Meesala Nikhil Reddy
89	19Q61A0589	Merugu Sindhu
90	19Q61A0590	Mohammed Ayazuddin
91	19Q61A0591	Mohammed Sohel
92	19Q61A0592	Molugu Shashank Rao
93	19Q61A0593	Munukuntla Rahul
94	19Q61A0594	Nukam Reddy Suneela
95	19Q61A0595	Punna Sai Mounika
96	19Q61A0596	Sabbu Yashwanth Reddy
97	19Q61A0597	Siddipeta Jenny James
98	19Q61A0598	Thati Deepikaa
99	19Q61A0599	Thati Dikshita
100	19Q61A05A0	Vallem Srivani
101	19Q61A05A1	Veeravalli Sai Pavan
102	19Q61A05A2	Yerramsetti Sai
103	19Q61A05A3	Koru Vinay Kumar
104	19Q61A05A4	Kotha Manjubhargavi
105	19Q61A05A5	Kunuguntla Sri Harsha
106	19Q61A05A6	Manoor Vijay Karthik
107	19Q61A05A7	Marinela Navya
108	19Q61A05A8	Nukala Avinash Reddy
109	19Q61A05A9	Palagani Manikanta Shivaji
110	19Q61A05B0	Pilli Sri Sai Rashimitha
111	19Q61A05B1	Polasa Likithha
112	19Q61A05B2	Porla Praveen Kumar
113	19Q61A05B3	Preethhi Singh
114	19Q61A05B4	Ranga Rajashekhar
115	19Q61A05B5	Rudravelly Nagasanthoshitha
116	19Q61A05B6	Salla Saikiran Reddy
117	19Q61A05B7	Sambangi Sai Sravani
118	19Q61A05B8	Thimma Reddy Maheshwara Reddy
119	19Q61A05B9	Thota Nishanth
120	19Q61A05C0	Veeravajhula Sai Uttam Dutt
121	19Q61A05C1	Nathi Sai Deepika
122	19Q61A05C2	Neha Gupta
123	19Q61A05C3	Pasham Swetha
124	19Q61A05C4	Pathuri Nikhith Reddy
125	19Q61A05C5	Peddabandyala Yadi Reddy
126	19Q61A05C6	Pillala Hemanth
127	19Q61A05C7	Puliga Vamsi
128	19Q61A05C8	Rapelli Nikhitha

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129	19Q61A05C9	Kalal Avinash Goud
130	19Q61A05D0	Sammeta Dinesh
131	19Q61A05D1	Seela Uday Kumar
132	19Q61A05D2	Seshagani Sathwik
133	19Q61A05D3	Shaik Taufeequddin
134	19Q61A05D4	Shashank Reddy
135	19Q61A05D5	Sripathi Abhiram Reddy
136	19Q61A05D6	Thakur Yashraj Singh
137	19Q61A05D7	Thandu Mahender
138	19Q61A05D8	Thedla Pravalika
139	19Q61A05D9	Thumma Sainikhil
140	19Q61A05E0	Uppu Prashanth Sagar
141	19Q61A05E1	Uppula Goutham
142	19Q61A05E2	Uyyalawada Teja
143	19Q61A05E3	Vangala Srinath Reddy
144	19Q61A05E4	Y Sridevi
145	19Q61A05E5	Yaketi Jahangir
146	19Q61A05E6	Yalamchervu Sri Harika
147	19Q61A05E7	Yelala Srija Reddy
148	19Q61A05E8	Vodnala Raj Kumar
149	19Q61A05E9	Yadamalli Praneeth
150	19Q61A05F0	Yadla Yashwanth
151	19Q61A05F1	Yarrabelli Anil Reddy
152	19Q61A05F2	Galve Rakshith
153	18Q61A0597	Dindu Siddhartha Goud
154	18Q61A0547	Golapalli Vinisha
155	18Q61A0548	Gunamoni Vinay
156	18Q61A0520	Mankala Bhaskar
157	18Q61A0505	Bodolla Sai Kiran
158	18Q61A0541	Palanati Sai Vamshi
159	18Q61A0512	Jakkali Mahendar
160	20Q65A0501	Alle Chandrashekar
161	20Q65A0502	Ankirala Swamy
162	20Q65A0503	Bari Bhanu Prasad
163	20Q65A0504	Gunti Srinivas
164	20Q65A0505	J Naveen
165	20Q65A0506	Jeekuru Ramesh
166	20Q65A0507	Kadali Adithya Surya
167	20Q65A0508	Madipeddi Praveen
168	20Q65A0509	Madupoju Varsha
169	20Q65A0510	Motike Mahesh
170	20Q65A0511	Nakka Chandu
171	20Q65A0512	Nenavath Jaipal
172	20Q65A0513	Pavan Kumar K
173	20Q65A0514	Ponneboina Sravanthi

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174	20Q65A0515	Sakhiri Anil Kumar
175	20Q65A0516	Y Yugesh Goud
176	20Q65A0517	Etikyala Saipavan
177	20Q65A0518	Gurram Mahesh Vardhan
178	20Q65A0519	Nagula Saikiran
179	20Q65A0520	S Anusha
180	18Q61A05A8	Valavala Venkata Santosh
181	18Q61A0545	Bondalapati Ramya
182	18Q61A0558	Nagati Likhith Kumar
183	18Q61A0566	Erri Lavakumarreddy
184	18Q61A0553	Nambi Nandini
185	18Q61A0448	Boppa Madhu

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Ranga Reddy Dist, Telangana.

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HOD

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES

IV YEAR I–SEM   A.Y 2022-23   Date: 04-11-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07. 11. 22	08. 11. 22	09. 11. 22	10. 11. 22	11. 11. 22	12. 11. 22	13. 11. 22	14. 11. 22	15. 11. 22	16. 11. 22	17. 11. 22	18. 11. 22	19. 11. 22	20. 11. 22	21. 11. 22	22. 11. 22	23. 11. 22
1	19Q61A0501	Aerukala Shiva Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	19Q61A0502	Ailagoni Maina	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	19Q61A0503	Aitipamula Vinay Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	19Q61A0504	Alladi Ranjith	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	19Q61A0505	Alugula Venkat Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	19Q61A0506	Ambesh Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	(A)
7	19Q61A0507	Anantha Radhika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	19Q61A0508	Annepu Supraja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	19Q61A0509	Baddam Umesh Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	19Q61A0510	Badreenath Gudipudi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	19Q61A0511	Baluguri Prashanth Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19Q61A0512	Banne Mamatha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	19Q61A0513	Bathula Shyamkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	19Q61A0514	Bhagavatula Sasank	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19Q61A0515	Boda Manisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	19Q61A0516	Bodakunti Ajay Kumar	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
17	19Q61A0517	Bokka Arshith Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	19Q61A0518	Bollaveni Rakesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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19	19Q61A0519	Cherukuri Rakesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	19Q61A0520	G Satish Kumar Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	19Q61A0521	Gobburi Nandini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	19Q61A0522	Gollapalli Dileep Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	19Q61A0523	Gopu Bhasker	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	19Q61A0524	Gudepu Sowjanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	19Q61A0525	Guntaka Teja Venkat Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	19Q61A0526	Gurrala Gowtham Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	19Q61A0527	Jakkala Manisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	19Q61A0528	Jakkula Srinath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	19Q61A0529	Janagama Sai Kumar Goud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	19Q61A0530	Juvvanthula Harsha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	19Q61A0531	Kagithapu Adithya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19Q61A0532	Kairamkonda Pavan Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19Q61A0533	S Manoj Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19Q61A0534	Bojja Sai Charan Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	19Q61A0535	Chittiprolu Arun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	19Q61A0536	Guntoju Renuka	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	19Q61A0537	I Raghavendra Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	19Q61A0538	Jitta Rajashekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	19Q61A0539	Katam Sneha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	19Q61A0540	Kolli Priyanka Chowdary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	19Q61A0541	Mohammed Sameer Ahmed	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	19Q61A0542	Mudireddy Niteesh Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	19Q61A0543	Abhinav Kumar Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	19Q61A0544	Ajaykumar Vakiti	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	19Q61A0545	Anisetty Ganesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	19Q61A0546	Aryan Muni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	19Q61A0547	Balasani Praneethsai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	19Q61A0548	Budde Chandu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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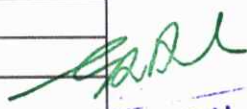(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

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49	19Q61A0549	Busi Vasudev Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	19Q61A0550	Chintanippu Vamshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	19Q61A0551	Dandu Rahulsai Kumar Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	19Q61A0552	Daripally Sri Ram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	19Q61A0553	Devarakonda Vinay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	19Q61A0554	Donda Thulasi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	19Q61A0555	G Guru Charan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	19Q61A0556	Gadiga Gayathri Nand	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	19Q61A0557	Gudipudi Ravi Prakash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	19Q61A0558	Gundeti Pavan Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	19Q61A0559	Katta Asrith Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	19Q61A0560	Kayyala Akshay Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	19Q61A0561	Kampati Tarun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	19Q61A0562	Kancharla Akshitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	19Q61A0563	Kancharla Saikumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	19Q61A0564	Kandhi Vidhya Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	19Q61A0565	Kandula Manasa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	19Q61A0566	Karakatla Lokesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	19Q61A0567	Kasam Sai Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	19Q61A0568	Kasukurthi Sri Sowmya Devi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	19Q61A0569	Katukuri Rakesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	19Q61A0570	Kenche Bala Dattu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	19Q61A0571	Koli Harina	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	19Q61A0572	Kothapally Rajendhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	19Q61A0573	Kowdagani Sai Neeraj Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	19Q61A0574	Kunareddy Shiva Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	19Q61A0575	Lukka Venkata Sudheer	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76	19Q61A0576	M Mallesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77	19Q61A0577	M Nithya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78	19Q61A0578	Maalipattu Likitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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79	19Q61A0579	Maddela Akash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
80	19Q61A0580	Madduri Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	19Q61A0581	Maggidi Narsareddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
82	19Q61A0582	Mallepally Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
83	19Q61A0583	Mandala Ananth Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	19Q61A0584	Mangani Jatin	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
85	19Q61A0585	Mari Bhavana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86	19Q61A0586	Marthota Manoj Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87	19Q61A0587	Matlapudi Chinmaya Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
88	19Q61A0588	Meesala Nikhil Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	19Q61A0589	Merugu Sindhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
90	19Q61A0590	Mohammed Ayazuddin	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91	19Q61A0591	Mohammed Sohel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
92	19Q61A0592	Molugu Shashank Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	19Q61A0593	Munukuntla Rahul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
94	19Q61A0594	Nukam Reddy Suneela	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
95	19Q61A0595	Punna Sai Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	19Q61A0596	Sabbu Yashwanth Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
97	19Q61A0597	Siddipeta Jenny James	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	19Q61A0598	Thati Deepikaa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
99	19Q61A0599	Thati Dikshita	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
100	19Q61A05A0	Vallem Srivani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
101	19Q61A05A1	Veeravalli Sai Pavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	19Q61A05A2	Yerramsetti Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
103	19Q61A05A3	Koru Vinay Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	19Q61A05A4	Kotha Manjubhargavi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	19Q61A05A5	Kunuguntla Sri Harsha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	19Q61A05A6	Manoor Vijay Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
107	19Q61A05A7	Marinela Navya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
108	19Q61A05A8	Nukala Avinash Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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109	19Q61A05A9	Palagani Manikanta Shivaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	19Q61A05B0	Pilli Sri Sai Rashimitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	19Q61A05B1	Polasa Likithha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
112	19Q61A05B2	Porla Praveen Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
113	19Q61A05B3	Preethhi Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	19Q61A05B4	Ranga Rajashekhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	19Q61A05B5	Rudravelly Nagasanthoshitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
116	19Q61A05B6	Salla Saikiran Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	19Q61A05B7	Sambangi Sai Sravani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	19Q61A05B8	Thimma Reddy Maheshwara Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
119	19Q61A05B9	Thota Nishanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	19Q61A05C0	Veeravajhula Sai Uttam Dutt	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
121	19Q61A05C1	Nathi Sai Deepika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
122	19Q61A05C2	Neha Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
123	19Q61A05C3	Pasham Swetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
124	19Q61A05C4	Pathuri Nikhith Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	19Q61A05C5	Peddabandyala Yadi Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
126	19Q61A05C6	Pillala Hemanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
127	19Q61A05C7	Puliga Vamsi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
128	19Q61A05C8	Rapelli Nikhitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
129	19Q61A05C9	Kalal Avinash Goud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
130	19Q61A05D0	Sammeta Dinesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
131	19Q61A05D1	Seela Uday Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
132	19Q61A05D2	Seshagani Sathwik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
133	19Q61A05D3	Shaik Taufeequddin	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
134	19Q61A05D4	Shashank Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
135	19Q61A05D5	Sripathi Abhiram Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
136	19Q61A05D6	Thakur Yashraj Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
137	19Q61A05D7	Thandu Mahender	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
138	19Q61A05D8	Thedla Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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139	19Q61A05D9	Thumma Sainikhil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
140	19Q61A05E0	Uppu Prashanth Sagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
141	19Q61A05E1	Uppula Goutham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
142	19Q61A05E2	Uyyalawada Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
143	19Q61A05E3	Vangala Srinath Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
144	19Q61A05E4	Y Sridevi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
145	19Q61A05E5	Yaketi Jahangir	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
146	19Q61A05E6	Yalamchervu Sri Harika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
147	19Q61A05E7	Yelala Srija Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
148	19Q61A05E8	Vodnala Raj Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	(A)
149	19Q61A05E9	Yadamalli Praneeth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
150	19Q61A05F0	Yadla Yashwanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
151	19Q61A05F1	Yarrabelli Anil Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
152	19Q61A05F2	Galve Rakshith	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
153	18Q61A0597	Dindu Siddhartha Goud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
154	18Q61A0547	Golapalli Vinisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
155	18Q61A0548	Gunamoni Vinay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
156	18Q61A0520	Mankala Bhaskar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
157	18Q61A0505	Bodolla Sai Kiran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
158	18Q61A0541	Palanati Sai Vamshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
159	18Q61A0512	Jakkali Mahendar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
160	20Q65A0501	Alle Chandrashekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	20Q65A0502	Ankirala Swamy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
162	20Q65A0503	Bari Bhanu Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
163	20Q65A0504	Gunti Srinivas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
164	20Q65A0505	J Naveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
165	20Q65A0506	Jeekuru Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
166	20Q65A0507	Kadali Adithya Surya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
167	20Q65A0508	Madipeddi Praveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
168	20Q65A0509	Madupoju Varsha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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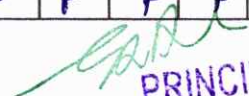# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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169	20Q65A0510	Motike Mahesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
170	20Q65A0511	Nakka Chandu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	20Q65A0512	Nenavath Jaipal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
172	20Q65A0513	Pavan Kumar K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
173	20Q65A0514	Ponneboina Sravanthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
174	20Q65A0515	Sakhiri Anil Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
175	20Q65A0516	Y Yugesh Goud	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
176	20Q65A0517	Etikyala Saipavan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
177	20Q65A0518	Gurram Mahesh Vardhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
178	20Q65A0519	Nagula Saikiran	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
179	20Q65A0520	S Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
180	18Q61A05A8	Valavala Venkata Santosh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
181	18Q61A0545	Bondalapati Ramya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
182	18Q61A0558	Nagati Likhith Kumar	P	P	P	P	P	P	P	(A)	P	P	P	P	P	P	P	P	P
183	18Q61A0566	Erri Lavakumarreddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
184	18Q61A0553	Nambi Nandini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
185	18Q61A0448	Boppa Madhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES**

IV YEAR I–SEM　　　　**A.Y 2022-23**　　　　**Date: 07-11-2022 to 27-11-2022**

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0501	Aerukala Shiva Kumar	36	100
2	19Q61A0502	Ailagoni Maina	36	100
3	19Q61A0503	Aitipamula Vinay Kumar	36	100
4	19Q61A0504	Alladi Ranjith	36	100
5	19Q61A0505	Alugula Venkat Reddy	36	100
6	19Q61A0506	Ambesh Yadav	36	100
7	19Q61A0507	Anantha Radhika	36	100
8	19Q61A0508	Annepu Supraja	36	100
9	19Q61A0509	Baddam Umesh Reddy	36	100
10	19Q61A0510	Badreenath Gudipudi	36	100
11	19Q61A0511	Baluguri Prashanth Rao	36	100
12	19Q61A0512	Banne Mamatha	36	100
13	19Q61A0513	Bathula Shyamkumar	36	100
14	19Q61A0514	Bhagavatula Sasank	36	100
15	19Q61A0515	Boda Manisha	36	100
16	19Q61A0516	Bodakunti Ajay Kumar	36	100
17	19Q61A0517	Bokka Arshith Reddy	36	100
18	19Q61A0518	Bollaveni Rakesh	36	100
19	19Q61A0519	Cherukuri Rakesh	36	100
20	19Q61A0520	G Satish Kumar Reddy	36	100
21	19Q61A0521	Gobburi Nandini	36	100
22	19Q61A0522	Gollapalli Dileep Kumar	36	100
23	19Q61A0523	Gopu Bhasker	36	100
24	19Q61A0524	Gudepu Sowjanya	36	100
25	19Q61A0525	Guntaka Teja Venkat Reddy	36	100
26	19Q61A0526	Gurrala Gowtham Sai	36	100
27	19Q61A0527	Jakkala Manisha	36	100
28	19Q61A0528	Jakkula Srinath	36	100
29	19Q61A0529	Janagama Sai Kumar Goud	36	100
30	19Q61A0530	Juvvanthula Harsha	36	100
31	19Q61A0531	Kagithapu Adithya	36	100
32	19Q61A0532	Kairamkonda Pavan Kumar	36	100
33	19Q61A0533	S Manoj Reddy	36	100
34	19Q61A0534	Bojja Sai Charan Reddy	36	100
35	19Q61A0535	Chittiprolu Arun Kumar	36	100
36	19Q61A0536	Guntoju Renuka	36	100
37	19Q61A0537	I Raghavendra Reddy	36	100

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38	19Q61A0538	Jitta Rajashekar	36	100
39	19Q61A0539	Katam Sneha	36	100
40	19Q61A0540	Kolli Priyanka Chowdary	36	100
41	19Q61A0541	Mohammed Sameer Ahmed	36	100
42	19Q61A0542	Mudireddy Niteesh Reddy	36	100
43	19Q61A0543	Abhinav Kumar Singh	36	100
44	19Q61A0544	Ajaykumar Vakiti	36	100
45	19Q61A0545	Anisetty Ganesh	36	100
46	19Q61A0546	Aryan Muni	36	100
47	19Q61A0547	Balasani Praneethsai	36	100
48	19Q61A0548	Budde Chandu	36	100
49	19Q61A0549	Busi Vasudev Yadav	36	100
50	19Q61A0550	Chintanippu Vamshi	36	100
51	19Q61A0551	Dandu Rahulsai Kumar Reddy	36	100
52	19Q61A0552	Daripally Sri Ram	36	100
53	19Q61A0553	Devarakonda Vinay	36	100
54	19Q61A0554	Donda Thulasi	36	100
55	19Q61A0555	G Guru Charan	36	100
56	19Q61A0556	Gadiga Gayathri Nand	36	100
57	19Q61A0557	Gudipudi Ravi Prakash	36	100
58	19Q61A0558	Gundeti Pavan Kumar	36	100
59	19Q61A0559	Katta Asrith Reddy	36	100
60	19Q61A0560	Kayyala Akshay Yadav	36	100
61	19Q61A0561	Kampati Tarun Kumar	36	100
62	19Q61A0562	Kancharla Akshitha	36	100
63	19Q61A0563	Kancharla Saikumar	36	100
64	19Q61A0564	Kandhi Vidhya Reddy	36	100
65	19Q61A0565	Kandula Manasa	36	100
66	19Q61A0566	Karakatla Lokesh	36	100
67	19Q61A0567	Kasam Sai Teja	36	100
68	19Q61A0568	Kasukurthi Sri Sowmya Devi	36	100
69	19Q61A0569	Katukuri Rakesh	36	100
70	19Q61A0570	Kenche Bala Dattu	36	100
71	19Q61A0571	Koli Harina	36	100
72	19Q61A0572	Kothapally Rajendhar	36	100
73	19Q61A0573	Kowdagani Sai Neeraj Kumar	36	100
74	19Q61A0574	Kunareddy Shiva Reddy	36	100
75	19Q61A0575	Lukka Venkata Sudheer	36	100
76	19Q61A0576	M Mallesh	36	100
77	19Q61A0577	M Nithya	36	100
78	19Q61A0578	Maalipattu Likitha	36	100
79	19Q61A0579	Maddela Akash	36	100
80	19Q61A0580	Madduri Pravalika	36	100
81	19Q61A0581	Maggidi Narsareddy	36	100
82	19Q61A0582	Mallepally Mounika	36	100

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83	19Q61A0583	Mandala Ananth Reddy	36	100
84	19Q61A0584	Mangani Jatin	36	100
85	19Q61A0585	Mari Bhavana	36	100
86	19Q61A0586	Marthota Manoj Kumar	36	100
87	19Q61A0587	Matlapudi Chinmaya Sai	36	100
88	19Q61A0588	Meesala Nikhil Reddy	36	100
89	19Q61A0589	Merugu Sindhu	36	100
90	19Q61A0590	Mohammed Ayazuddin	36	100
91	19Q61A0591	Mohammed Sohel	36	100
92	19Q61A0592	Molugu Shashank Rao	36	100
93	19Q61A0593	Munukuntla Rahul	36	100
94	19Q61A0594	Nukam Reddy Suneela	36	100
95	19Q61A0595	Punna Sai Mounika	36	100
96	19Q61A0596	Sabbu Yashwanth Reddy	36	100
97	19Q61A0597	Siddipeta Jenny James	36	100
98	19Q61A0598	Thati Deepikaa	36	100
99	19Q61A0599	Thati Dikshita	36	100
100	19Q61A05A0	Vallem Srivani	36	100
101	19Q61A05A1	Veeravalli Sai Pavan	36	100
102	19Q61A05A2	Yerramsetti Sai	36	100
103	19Q61A05A3	Koru Vinay Kumar	36	100
104	19Q61A05A4	Kotha Manjubhargavi	36	100
105	19Q61A05A5	Kunuguntla Sri Harsha	36	100
106	19Q61A05A6	Manoor Vijay Karthik	36	100
107	19Q61A05A7	Marinela Navya	36	100
108	19Q61A05A8	Nukala Avinash Reddy	36	100
109	19Q61A05A9	Palagani Manikanta Shivaji	36	100
110	19Q61A05B0	Pilli Sri Sai Rashimitha	36	100
111	19Q61A05B1	Polasa Likithha	36	100
112	19Q61A05B2	Porla Praveen Kumar	36	100
113	19Q61A05B3	Preethhi Singh	36	100
114	19Q61A05B4	Ranga Rajashekhar	36	100
115	19Q61A05B5	Rudravelly Nagasanthoshitha	36	100
116	19Q61A05B6	Salla Saikiran Reddy	36	100
117	19Q61A05B7	Sambangi Sai Sravani	36	100
118	19Q61A05B8	Thimma Reddy Maheshwara Reddy	36	100
119	19Q61A05B9	Thota Nishanth	36	100
120	19Q61A05C0	Veeravajhula Sai Uttam Dutt	36	100
121	19Q61A05C1	Nathi Sai Deepika	36	100
122	19Q61A05C2	Neha Gupta	36	100
123	19Q61A05C3	Pasham Swetha	36	100
124	19Q61A05C4	Pathuri Nikhith Reddy	36	100
125	19Q61A05C5	Peddabandyala Yadi Reddy	36	100
126	19Q61A05C6	Pillala Hemanth	36	100

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127	19Q61A05C7	Puliga Vamsi	36	100
128	19Q61A05C8	Rapelli Nikhitha	36	100
129	19Q61A05C9	Kalal Avinash Goud	36	100
130	19Q61A05D0	Sammeta Dinesh	36	100
131	19Q61A05D1	Seela Uday Kumar	36	100
132	19Q61A05D2	Seshagani Sathwik	36	100
133	19Q61A05D3	Shaik Taufeequddin	36	100
134	19Q61A05D4	Shashank Reddy	36	100
135	19Q61A05D5	Sripathi Abhiram Reddy	36	100
136	19Q61A05D6	Thakur Yashraj Singh	36	100
137	19Q61A05D7	Thandu Mahender	36	100
138	19Q61A05D8	Thedla Pravalika	36	100
139	19Q61A05D9	Thumma Sainikhil	36	100
140	19Q61A05E0	Uppu Prashanth Sagar	36	100
141	19Q61A05E1	Uppula Goutham	36	100
142	19Q61A05E2	Uyyalawada Teja	36	100
143	19Q61A05E3	Vangala Srinath Reddy	36	100
144	19Q61A05E4	Y Sridevi	36	100
145	19Q61A05E5	Yaketi Jahangir	36	100
146	19Q61A05E6	Yalamchervu Sri Harika	36	100
147	19Q61A05E7	Yelala Srija Reddy	36	100
148	19Q61A05E8	Vodnala Raj Kumar	36	100
149	19Q61A05E9	Yadamalli Praneeth	36	100
150	19Q61A05F0	Yadla Yashwanth	36	100
151	19Q61A05F1	Yarrabelli Anil Reddy	36	100
152	19Q61A05F2	Galve Rakshith	36	100
153	18Q61A0597	Dindu Siddhartha Goud	36	100
154	18Q61A0547	Golapalli Vinisha	36	100
155	18Q61A0548	Gunamoni Vinay	36	100
156	18Q61A0520	Mankala Bhaskar	36	100
157	18Q61A0505	Bodolla Sai Kiran	36	100
158	18Q61A0541	Palanati Sai Vamshi	36	100
159	18Q61A0512	Jakkali Mahendar	36	100
160	20Q65A0501	Alle Chandrashekar	36	100
161	20Q65A0502	Ankirala Swamy	36	100
162	20Q65A0503	Bari Bhanu Prasad	36	100
163	20Q65A0504	Gunti Srinivas	36	100
164	20Q65A0505	J Naveen	36	100
165	20Q65A0506	Jeekuru Ramesh	36	100
166	20Q65A0507	Kadali Adithya Surya	36	100
167	20Q65A0508	Madipeddi Praveen	36	100
168	20Q65A0509	Madupoju Varsha	36	100
169	20Q65A0510	Motike Mahesh	36	100
170	20Q65A0511	Nakka Chandu	36	100
171	20Q65A0512	Nenavath Jaipal	36	100

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172	20Q65A0513	Pavan Kumar K	36	100
173	20Q65A0514	Ponneboina Sravanthi	36	100
174	20Q65A0515	Sakhiri Anil Kumar	36	100
175	20Q65A0516	Y Yugesh Goud	36	100
176	20Q65A0517	Etikyala Saipavan	36	100
177	20Q65A0518	Gurram Mahesh Vardhan	36	100
178	20Q65A0519	Nagula Saikiran	36	100
179	20Q65A0520	S Anusha	36	100
180	18Q61A05A8	Valavala Venkata Santosh	36	100
181	18Q61A0545	Bondalapati Ramya	36	100
182	18Q61A0558	Nagati Likhith Kumar	36	100
183	18Q61A0566	Erri Lavakumarreddy	36	100
184	18Q61A0553	Nambi Nandini	36	100
185	18Q61A0448	Boppa Madhu	36	100

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COURSE REPORT

Date: 30-11-2022

Name of the Value added course: Entrepreneurship, Abroad Education & Start up Initiatives
Day/Duration: 36 hours
Time: 10:00 am to 01:00 pm
Resource Person: Mr.Rahul kamnur, Director-ASK Technology.
Name of the Coordinator: Dr.G.Chandrashekar Reddy, Assistant Professor.
Number of the Participants: 407
Topics covered: The following topics covered in this program

- ➤ Fundamentals of Entrepreneurship
- ➤ Looking More Closely at Resources
- ➤ Understanding Your Business Model.
- ➤ Creativity & Opportunity.
- ➤ "Fail" In Order to Succeed.
- ➤ Measuring Market Opportunities.
- ➤ Digital marketing Fundamentals.
- ➤ How to Start a Start Up.
- ➤ Insights of Abroad Education
- ➤ How to choose Country /University
- ➤ Various SOP's of different Countries
- ➤ Meet an Entrepreneur

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This is to Certify that Mr / Ms **ALLADI RANJITH** of CSE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **KOTHUR THARUN** of MECH 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **YADLAPALLY KARTHEEK** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AVA ARJUN** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **PARNE SAI KIRAN REDDY** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **KUSA ANIL KUMAR** of **MECH** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **MUNJAM SAIKIRAN** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **PILLI VENKAT** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **JINNA SRINIVAS** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **PARNE BHEEMARJUNREDDY** of   **MECH**
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This is to Certify that Mr / Ms **PALVATALA SAINATH REDDY** of   MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **ADHIKOPPULA ROHITH KUMAR** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **DOBBALA SANTHOSH KUMAR** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **MULE KEERTHANA** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AILAGONI MAINA** of **CSE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AERUKALA SHIVA KUMAR** of CSE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **ALA SRI TEJA REDDY** of **ECE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AMIT KUMAR SAMAL** of **ECE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AKKELA SWETHA** of ECE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **BOPPA MADHU** of ECE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **AITHA SWAMYNATH** of **ECE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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AVIH/AOC/CIR/2022-23/II/01   Date: 04-11-2022

CIRCULAR

This is to inform all the III Year students that there will be a Value added course on **"PEGA-UAP"**. The course is scheduled from 29-03-2023 to 01-06-2023. Participating students will be awarded Certificates of Course Completion. Hence those who are interested can sign in registration form.

The PEGA Certification course is in collaboration with Mr.Srikanth with Talent Sprint.

HOD

PRINCIPAL

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ABOUT THE COURSE

Pega University Program, offered by Pegasystems, in association with TalentSprint is a two-semester university-level curriculum on cutting-edge Pega software. Pega software is a low code platform for AI-powered decisioning and workflow automation.

COURSE OBJECTIVES

- BPM concepts and workflows.
- Understanding Pega 7 Concepts
- Expertise to implement Pega Concepts
- Implementing BPM Applications
- Understanding and Implemeting UI Design and Business L

EXPECTED OUTCOMES

- Customized course curriculum as per your team's specific needs
- Training delivery through self-Paced videos, live Instructor – led training through, on-premise at Mindmajix or your office facility
- Resources such as slides, demos, Exercises and answer keys included.

Resource Person
Mr.Srikanth
Technical Trainer
Talent Sprint

Co-ordinator
Dr.G.Chandrashekar Reddy
Assistant Professor
Department of ECE

PRINCIPAL
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LAST DATE FOR REGISTRATION: 15th MAR,2023

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PEGA University Program

ADD-ON COURSE ON

"PEGA-UAP"

29th MAR to 01st JUNE,2023

DURATION OF THE COURSE 135 HRS

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Name of The Value added course	: PEGA-UAP
Academic Year/ Semester	: 2022-23/ Semester-II
Resource Person	: Mr.Srikanth, Technical Trainer Talent Sprint
Name of the Coordinator	: Dr.G.Chandra Shekar Assistant Professor
Number of the Participants	: 47
Date	: 29-03-2023 to 01-06-2023
Duration	: 135 Hours
Time	: 10:00 am to 01:00 pm

Course Obejective:

- BPM concepts and workflows.
- Understanding Pega 7 Concepts
- Expertise to implement Pega Concepts
- Implementing BPM Applications
- Understanding and Implemeting UI Design and Business Logic using Pega.

Course Outcome:

- Customized course curriculum as per your team's specific needs
- Training delivery through self-Paced videos, live Instructor –led training through, on-premise at Mindmajix or your office facility
- Resources such as slides, demos,Exercises and answer keys included.

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SYLLABUS

S.No	Module	Topic /Coverage Planed	Time	Date
	Ice Breaking		150	Wednesday 29-03-2023
	Orientation - Program Overview - Batch Schedule,Pega Access,Feedback, Support system, Trainer,Pega Mail ID's, CRT access, Attendance,			
	St_01 Feedback		30	
1		Pre Tech Cousre I : Programming and Object Oriented Concepts	180	Friday 31-03-2023
2		Pre Tech Course I : Methodologies, Concepts, Definitions, Technologies	150	Saturday 01-04-2023
3	Introduction	**What is Pega**	60	Monday 03-04-2023
4	Introduction	**Case Management Introduction**	90	
5	Introduction	Lab - 1: Run the job applicant case type as manager	30	
6	Introduction	Lab - 2: Review the job applicant case type	30	
7	Introduction	Lab - 3: Modify the job applicant case type	30	
8		Pre Tech Course I : Methodologies, Agile Introduction	60	Tuesday 04-04-2023
10	Introduction	Pega Express™ Introduction	60	Thursday 06-04-2023
11	Tools and Testing	Testing Best Practices	30	
12	Pega Infinity Overview	Pega Platform Studios	45	
13	Pega Platform	Introduction to Pega Ethos	60	
14	Business Requirements	Gathering Requirements	30	
15		Situational Layer Cake	30	
16		Application Creation- Filler (Create 2 Applications F/w based and Impl also) - Enhanced Skill Lab	40	Saturday 08-04-2023
17		Relationship between Operator, Access Group, Application - Enhanced Skill Lesson	20	
18	Case Life Cycle	**Case life cycle design**	90	
19		Lab - 1: Create the 'Career Candidate' case type	20	
20		Lab - 2: Add stages to a case type	20	
21		Lab - 3: Add Processes and Steps to Stages	20	
22		Screenflows / Multi Step Form - Enhanced Skill Lesson	30	Monday 10-04-2023
23	Case Management	**Creating a child case**	30	
24		Lab - 1: Create Child Case	20˙	
25		**Pausing and resuming case processing**	30	
26		Lab - 2: Wait Step	20	

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27	Decision, Approval and Routing	**Routing**	30	Tuesday 11-04-2023
28		Lab - 1: Routing	45	
29	Decision, Approval and Routing	**Case Approvals**	30	
30		Lab - 1: Single approvals	20	Wednesday 12-04-2023
31	Pega Platform	Rule creation and management	90	
32		Lab - 1: Rule Creation	45	
33	Pega Platform	Lab - 2: Rule Update	30	
34	Pega Platform	**Classes and class hierarchy**	60	Thursday 13-04-2023
35		Lab - 1: Class Hierarchy	60	
36	Pega Platform	**Rulesets**	60	
37		Lab - 1: Ruleset	45	
38		Application Development - Delegating rules (Introduction, Business rule delegation, How to delegate rules to	60	Saturday 15-04-2023
39		Best Practices and application development guardrails - Enhanced Skill Lesson	60	
40		Relevant Records - Enhanced Skill Lesson	30	
41		Designing a Relevant Record - Enhanced Skill Lab	30	
42	Pega Platform	**Branch Development**	45	Monday 17-04-2023
43		Lab - 1: Branch Development Learning Lab	90	
44	Tools and Testing	**Debugging - Tracer Tool**	30	
45		Lab -1: Debugging application errors	20	
46	Decision, Approval and Routing	**Decision points**	60	Tuesday 18-04-2023
47		Decision table and trees	45	
48		Lab - 1: Decision Points	45	
49		Lab - 2 : Decision Points – Enhanced Skill Lab	45	
50	Decision, Approval and Routing	**Skipping Stage or Process**	30	Wednesday 19-04-2023
51		Lab - 1: Skipping a process	20	
52	Case Management	**Optional Actions**	45	
53		Lab - 1: Optional Actions and Processes	15	
54	Decision, Approval and Routing	**Duplicate Search**	20	
55		Lab - 1: Duplicate Searches	30	Thursday 20-04-2023
56		**Service Level Agreements**	45	
57		Lab - 1: Service Level Agreements	30	
58	Decision, Approval	**Sending Correspondence**	60	

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		and Routing			
59		Lab - 1: Sending Correspondence	15	
60		Configuring a work party - Enhanced Skill Lesson	30	Monday 24-04-2023
61		Configuring a work party (Two Labs) - Enhanced Skill Labs	40	
62		**Preparation for IA-1 : Internal Assessment**		
63		**IA-1 : Internal Assessment**	60	Tuesday 25-04-2023
64		**Review of Internal Assessment - 1**	60	
65		**Distribute the Mini Assignment with all the students and show a sample presentation to set the expectation**	30	Wednesday 26-04-2023
66	Data Management	**Property Rules**	60	
67		Lab - 1: Properties	15	
68	Data Management	**The data model**	45	
69		Lab - 1: Creating a data relationship	15	Thursday 27-04-2023
70	Data Management	**Viewing data in memory**	60	
71		Lab - 1: Using the Clipboard Tool	30	
72	Data Management	**Application data manipulation**	45	
73		Lab - 1: Data Transform	30	
74		Exchanging data between cases - Enhanced Skill Lesson	30	Friday 28-04-2023
75		Data Propagation to Spin Off - Enhanced Skill Lab	30	
76		Introduction to Declarative processing and What are the rules available in Pega - Enhanced Skill Lesson	30	
77		**45th Hr Feedback**		
78	Data Management	**Calculated values**	45	
79		Lab - 1: Declare Expressions	15	
80		Declarative Rules - Enhanced Skill Lesson	20	Saturday 29-04-2023
81		Declarative Rules - (Three Labs) - Enhanced Skill Labs	60	
82	Data Management	**Accessing sourced data in a case**	60	
83		Lab - 1: Data Pages	45	
84		**Saving data to a system of record**	20	Monday 01-05-2023
85		Lab - 1: Saving data to a system of record	20	
86		**Usecase Presentation (Mini-assignment)**	90	
87		Activities - Enhanced Skill Lesson	60	
88		Lab - 1 : Activity to retrieve list of skilled operators - Enhanced Skill Lab	40	Tuesday 02-05-2023
89		Circumstancing the rules - Enhanced Skill Lesson	60	
90	Data Management	**Data Validation**	60	
91		Lab - 1: Validation	30	

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92		Pre Tech Course I : Architecture, DB, Web Application, Web or Application Server, Reporting	180	Wednesday 03-05-2023
93		Pre Tech Course I : Methodology, Application Design, Programming and User Interface	120	
94	Integration	Enhanced - INT Connectors In Pega - Enhanced Skill Lesson	30	
95		Enh_INT-_REST_Connector	30	Friday 05-05-2023
96		Enhanced - INT Services In Pega - Enhanced Skill Lesson	30	
97		Enh_INT-_REST_Service for Position Details	30	
98	Data Management	Creating a data relationship	45	Saturday 06-05-2023
99		Lab - 1: Create an externally sourced Data type with REST API	30	
100	User Interface	Introduction to UI	90	
101		Lab - 1: User Interface Introduction	15	
102		Customizing the appearance of a form	60	Monday 08-05-2023
103		Lab - 1: Customizing a View	30	
104		Lab - 2: UI Controls	30	
105		Constellation Lab PDFs (Pre-Work, Students are expected to complete these 9 exercises)	30	
106	User Interface	Pega UX Solutions	30	
107	Security	Application Access	60	
108		Lab - 1: Managing application access	20	Tuesday 09-05-2023
109	Security	Application Security	60	
110		Lab - 1: Configuring security policies	10	
111		Lab - 2: Monitoring the guardrail compliance score	10	
112	Usecase Development & Presentation (Mini-assignment)		120	Wednesday 10-05-2023
113		Pre Tech Course I : Versioning, Unit Testing, Automated Unit Testing, DevOps, Project Management	60	
114	Tools and Testing	Release Management and Testing	45	Thursday 11-05-2023
115		Lab - 1: Unit Testing Lab	20	
116		Lab - 2: Scenario Testing Lab	25	
117	Security	Inviting users to an application	30	Friday 12 -05-2023
118		Lab - 1: Inviting a user to the application	45	
119	Security	Collaboration with users	30	
120		Lab - 1: Collaboration with users	15	
121	Case Management	Automation shapes and process design	45	
122		Lab - 1: Process Design	45	
123		Lab - 2: Create a PDF Document	15	
124	Case Management	Advanced Process Design - Enhanced Skill Lesson	60	Saturday

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				13-05-2023
125	Decision, Approval and Routing	**Cascading approvals**	30	
126		Lab - 1: Cascading Approvals with Authority Matrix	30	
127		Lab - 2: Cascading approvals with reporting structure	20	
128	Business Requirements	**Documenting Requirements**	40	Monday 15-05-2023
129		Lab - 1: Manage Feature Driven Development	90	
130		**Usecase Presentation (Mini-assignment)**	130	Tuesday 16-05-2023
131	User Interface	**Customizing UI elements**	45	
132		Lab - 1: Dynamic UI	30	
133	User Interface	**Portals and Dashboard**	40	Wednesday 17-05-2023
134		Lab - 1: Portal and Dashboard	30	
135	User Interface	**Responsive UI and Mobile Exp**	40	
136		Lab - 1: Mobile UI	20	
137		Lab - 2: Designing a mobile app experience	80	Thursday 18-05-2023
138	Data Management	**Field Values**	15	
139		Lab - 1: Creating Field Values	30	
140	Decision, Approval and Routing	**Creating and Setting Application Variables**	60	
141		Lab - 1: Creating and Setting Application Variables	45	Friday, 19-052023
142	Accessibility and Localization	**Application Accessibility Features**	80	
143		Lab - 1: Preview for color vision deficiency	30	
144	Accessibility and Localization	**Localizing Application Content**	30	
145		Lab - 1: Localizing a UI form	60	Saturday 20-05-2023
146	Reporting	**Exploring data with Insights**	20	
147		Lab -1: Creating an Insight	15	
148	Reporting	**Reporting**	90	
149		Lab - 1: Manager runs a standard report	30	
150		Lab - 2: Manager creates new report	45	Monday, 22-05-2023
151		Lab - 3: Modify a Report Definition	45	
152			30	Tuesday 23-05-2023
153		**Usecase Presentation (Mini-assignment)**	30	Wednesday 24-05-2023
154	**Preparation of IA-2 : Internal Assessment**			
155	**IA-2 : Internal Assessment**		60	Thursday 25-05-2023
156	**Review of Internal Assessment - 2**		60	Friday 26-05-2023

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157	Preparation of FA : Final Assessment		Saturday 27-05-2023
158	FA : Final Assessment	90	Monday 29-05-2023
159	Review of Final Assessment	120	Tuesday, 30-05-2023
160	Test Preparation Clinic	180	Wednesday 31-05-2023
161	Payment Processing for CSA EXAM	60	Thursday 01-06-2023
162	CSA Examination	120	
	Minutes	8100	
	Hours	135	

Assessment:

- Complete guidance on obtaining Certification.
- Complete Practical demonstration and discussions on industry use cases.

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TIME TABLE

CLASS: III YEAR-II SEM

SECTION: A

DAY/TIME	9:30-11:10	11:10-11:20	11:20-12:50	12:50-01:20	01:20-03:00	03:00-03:10	03:10-04:00
MON	PEGA-UAP	BREAK	PEGA-UAP	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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COURSE NAME : **PEGA-UAP**

Date   : **29-03-2023 to 01-06-2023**

B.TECH III YEAR-II SEM   ENROLLED STUDENTS LIST   A.Y 2022-2023

S.No	Roll Number	Name of The Student
1	21Q65A6603	Katroth Vignesh Nayak
2	20Q61A6631	Sunkoju Harini
3	20Q61A6618	Meenakshi Sharma
4	20Q61A6623	Ch.Murarigoud
5	20Q61A6625	Goshika Shiva Krishna
6	20Q61A0524	Hafsa Nousheen
7	20Q61A0516	D.Sreevidya
8	20Q61A0539	M Sakshith Reddy
9	20Q61A0588	Lankela Uday Kiran Reddy
10	20Q61A0581	Abhiram
11	20Q61A0531	Kota.Pavani
12	20Q61A0525	Sreeja Jella
13	20Q61AO521	Gorla Devika
14	20Q61A0571	S.Rajesh Gupta
15	20Q61A0510	Bethapudi Srija
16	20Q61A0505	A. Suryaprakash
17	20Q61A0577	Syed Musharraf Uddin
18	20Q61A0501	Abhishek Singh Tomar
19	20Q61A0564	Peddinti Sai Krishna
20	20Q61A0536	M.Vittal
21	20Q61A0443	Pannala Sravana Sandhya
22	20Q61A0428	Tallapally Uday Kumar
23	21Q65A0412	Akhil
24	21Q65A0403	Sahasra Gummadi
25	21Q65A0420	Neela Laxman
26	20Q61A0416	K.Shashi Kumar
27	20Q61A0419	Lingala Kavyanjali
28	20Q61A0440	Muddam Vinuthna
29	21Q65A0413	Saiteja Dandupati
30	21Q65A0422	Swarna Kiran Babu
31	21Q65A0404	KandipatiNavakishore
32	21Q65A0411	Poshetty Sharanya

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33	20Q61A0456	Piske Navya
34	21Q65A0406	Kotha Manisha
35	21Q65A0414	Dasari Naveen Kumar
36	21Q65A0419	Nagulapally Ganesh
37	20Q61A0437	Medam Shiva Sai Reddy
38	20Q61A0452	Sachu Umamaheswar Rao
39	20Q61A0449	Thirumala Saikumar Goud
40	21Q65A0408	M.Bharath Goud
41	21Q65A0423	Vaddepally Rakesh
42	21Q65A0402	Gandam Harika
43	20Q61A0455	Jammisetty Venu
44	21Q65A0222	Mounika Kumaram
45	21Q65A0216	Gundeti Shireesha
46	21Q65A0229	M.Sri Chandana
47	20Q61A0209	Gunti Mahesh

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COURSE NAME : **PEGA-UAP**

Date   : **29-03-2023 to 06-04-2023**

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	29.03.23	31.03.23	01.04.23	03.04.23	04.04.23	06.04.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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33	20Q61A0456	Piske Navya	P	P	P	P	P	P
34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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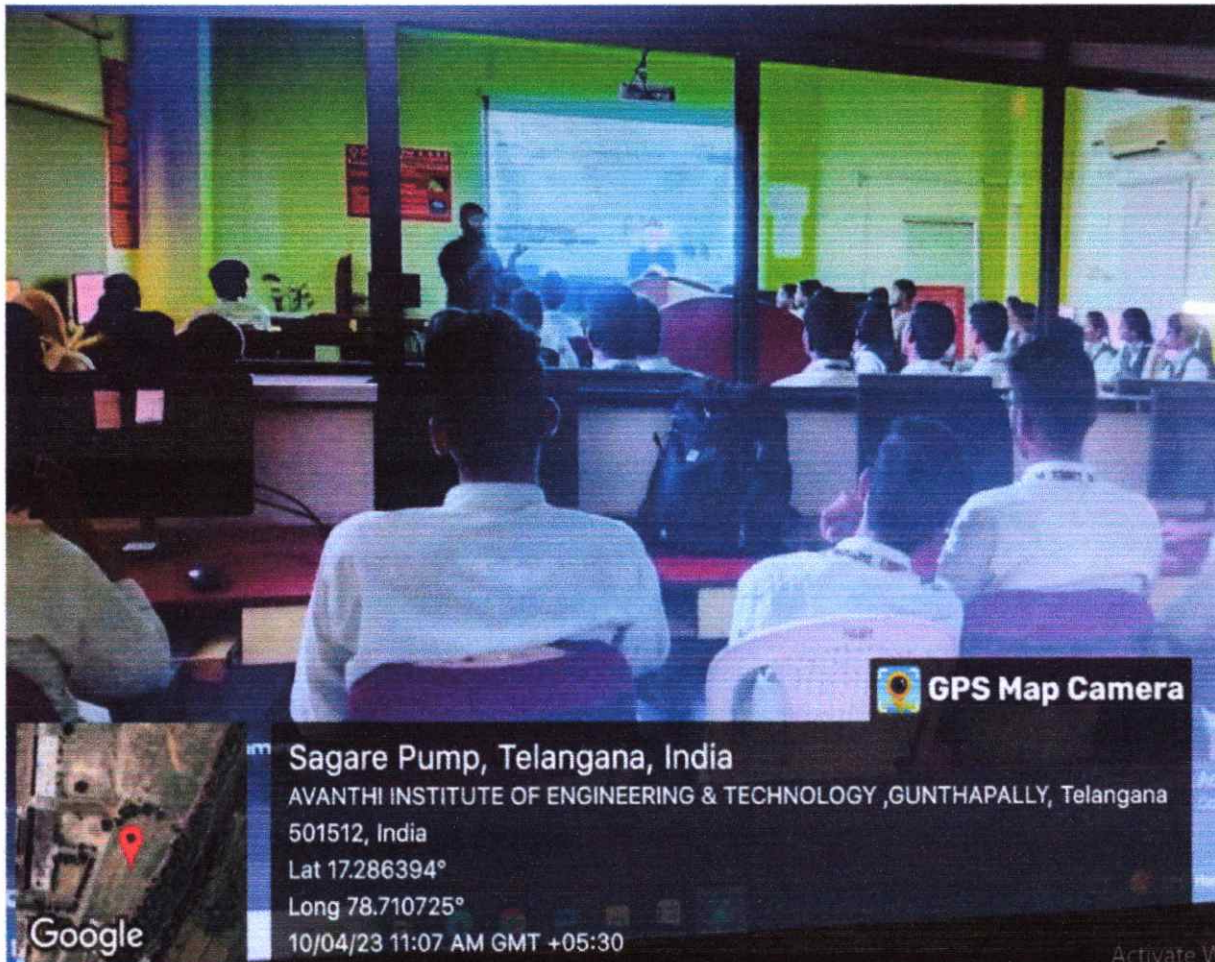Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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COURSE NAME : PEGA-UAP

Date   : 26-04-2023 to 02-05-2023

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	26.04.23	27.04.23	28.04.23	29.04.23	01.05.23	02.05.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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33	20Q61A0456	Piske Navya	P	P	P	P	P	P
34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   : **17-04-2023 to 25-04-2023**

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	17.04.23	18.04.23	19.04.23	20.04.23	24.04.23	25.04.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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33	20Q61A0456	Piske Navya	P	P	P	P	P	P
34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   : **03-05-2023 to 10-05-2023**

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	03.05.23	05.05.23	06.05.23	08.05.23	09.05.23	10.05.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date : **25-05-2023 to 01-06-2023**

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	25.05.23	26.05.23	27.05.23	29.05.23	30.05.23	31.05.23	01.06.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P	P

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35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P	P
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43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P	P
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46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   : **18-05-2023 to 24-05-2023**

B.TECH III YEAR-II SEM   **DAYWISE ATTANDANCE SHEET**

S.No	Roll Number	Name of The Student	18.05.23	19.05.23	20.05.23	22.05.23	23.05.23	24.05.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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33	20Q61A0456	Piske Navya	P	P	P	P	P	P
34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   : **11-05-2023 to 17-05-2023**

B.TECH III YEAR-II SEM   DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	11.05.23	12.05.23	13.05.23	15.05.23	16.05.23	17.05.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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33	20Q61A0456	Piske Navya	P	P	P	P	P	P
34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   **:08-04-2023 to 15-04-2023**

B.TECH III YEAR-II SEM   DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	08.04.23	10.04.23	11.04.23	12.04.23	13.04.23	15.04.23
1	21Q65A6603	Katroth Vignesh Nayak	P	P	P	P	P	P
2	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
3	20Q61A6618	Meenakshi Sharma	P	P	P	P	P	P
4	20Q61A6623	Ch.Murarigoud	P	P	P	P	P	P
5	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
6	20Q61A0524	Hafsa Nousheen	P	P	P	P	P	P
7	20Q61A0516	D.Sreevidya	P	P	P	P	P	P
8	20Q61A0539	M Sakshith Reddy	P	P	P	P	P	P
9	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
10	20Q61A0581	Abhiram	P	P	P	P	P	P
11	20Q61A0531	Kota.Pavani	P	P	P	P	P	P
12	20Q61A0525	Sreeja Jella	P	P	P	P	P	P
13	20Q61AO521	Gorla Devika	P	P	P	P	P	P
14	20Q61A0571	S.Rajesh Gupta	P	P	P	P	P	P
15	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
16	20Q61A0505	A. Suryaprakash	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0501	Abhishek Singh Tomar	P	P	P	P	P	P
19	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
20	20Q61A0536	M.Vittal	P	P	P	P	P	P
21	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
22	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
23	21Q65A0412	Akhil	P	P	P	P	P	P
24	21Q65A0403	Sahasra Gummadi	P	P	P	P	P	P
25	21Q65A0420	Neela Laxman	P	P	P	P	P	P
26	20Q61A0416	K.Shashi Kumar	P	P	P	P	P	P
27	20Q61A0419	Lingala Kavyanjali	P	P	P	P	P	P
28	20Q61A0440	Muddam Vinuthna	P	P	P	P	P	P
29	21Q65A0413	Saiteja Dandupati	P	P	P	P	P	P
30	21Q65A0422	Swarna Kiran Babu	P	P	P	P	P	P
31	21Q65A0404	KandipatiNavakishore	P	P	P	P	P	P
32	21Q65A0411	Poshetty Sharanya	P	P	P	P	P	P

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34	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
35	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
36	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
37	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
38	20Q61A0452	Sachu Umamaheswar Rao	P	P	P	P	P	P
39	20Q61A0449	Thirumala Saikumar Goud	P	P	P	P	P	P
40	21Q65A0408	M.Bharath Goud	P	P	P	P	P	P
41	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
42	21Q65A0402	Gandam Harika	P	P	P	P	P	P
43	20Q61A0455	Jammisetty Venu	P	P	P	P	P	P
44	21Q65A0222	Mounika Kumaram	P	P	P	P	P	P
45	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
46	21Q65A0229	M.Sri Chandana	P	P	P	P	P	P
47	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P

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COURSE NAME : **PEGA-UAP**

Date   : **29-03-2023 to 01-06-2023**

B.TECH III YEAR-II SEM

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A6603	Katroth Vignesh Nayak	135	100
2	20Q61A6631	Sunkoju Harini	135	100
3	20Q61A6618	Meenakshi Sharma	135	100
4	20Q61A6623	Ch.Murarigoud	135	100
5	20Q61A6625	Goshika Shiva Krishna	135	100
6	20Q61A0524	Hafsa Nousheen	135	100
7	20Q61A0516	D.Sreevidya	135	100
8	20Q61A0539	M Sakshith Reddy	135	100
9	20Q61A0588	Lankela Uday Kiran Reddy	135	100
10	20Q61A0581	Abhiram	135	100
11	20Q61A0531	Kota.Pavani	135	100
12	20Q61A0525	Sreeja Jella	135	100
13	20Q61AO521	Gorla Devika	135	100
14	20Q61A0571	S.Rajesh Gupta	135	100
15	20Q61A0510	Bethapudi Srija	135	100
16	20Q61A0505	A. Suryaprakash	135	100
17	20Q61A0577	Syed Musharraf Uddin	135	100
18	20Q61A0501	Abhishek Singh Tomar	135	100
19	20Q61A0564	Peddinti Sai Krishna	135	100
20	20Q61A0536	M.Vittal	135	100
21	20Q61A0443	Pannala Sravana Sandhya	135	100
22	20Q61A0428	Tallapally Uday Kumar	135	100
23	21Q65A0412	Akhil	135	100
24	21Q65A0403	Sahasra Gummadi	135	100
25	21Q65A0420	Neela Laxman	135	100
26	20Q61A0416	K.Shashi Kumar	135	100
27	20Q61A0419	Lingala Kavyanjali	135	100
28	20Q61A0440	Muddam Vinuthna	135	100
29	21Q65A0413	Saiteja Dandupati	135	100
30	21Q65A0422	Swarna Kiran Babu	135	100
31	21Q65A0404	KandipatiNavakishore	135	100
32	21Q65A0411	Poshetty Sharanya	135	100

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34	21Q65A0406	Kotha Manisha	135	100
35	21Q65A0414	Dasari Naveen Kumar	135	100
36	21Q65A0419	Nagulapally Ganesh	135	100
37	20Q61A0437	Medam Shiva Sai Reddy	135	100
38	20Q61A0452	Sachu Umamaheswar Rao	135	100
39	20Q61A0449	Thirumala Saikumar Goud	135	100
40	21Q65A0408	M.Bharath Goud	135	100
41	21Q65A0423	Vaddepally Rakesh	135	100
42	21Q65A0402	Gandam Harika	135	100
43	20Q61A0455	Jammisetty Venu	135	100
44	21Q65A0222	Mounika Kumaram	135	100
45	21Q65A0216	Gundeti Shireesha	135	100
46	21Q65A0229	M.Sri Chandana	135	100
47	20Q61A0209	Gunti Mahesh	135	100

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Certificate Of Achievement

Awarded to

Bharath Mula

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer
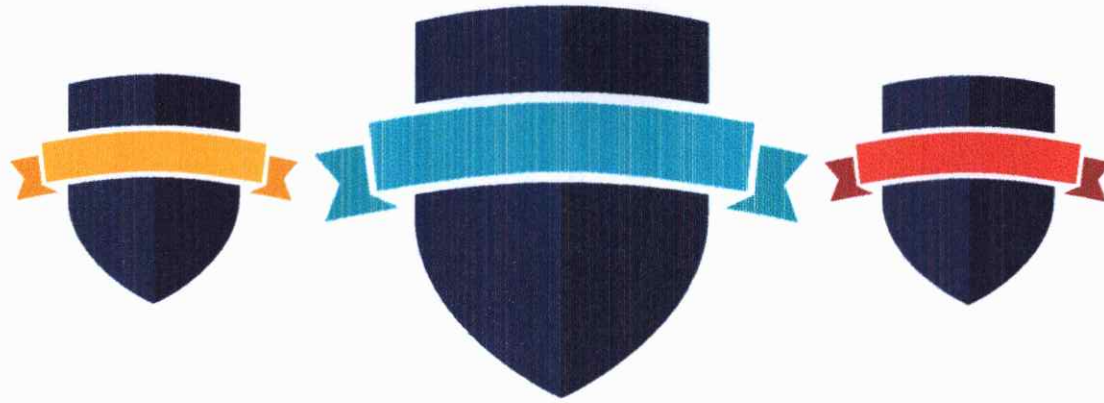
Certificate Of Achievement

Awarded to

Akhil Chinthakindi

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 22, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer

Certificate Of Achievement

Awarded to

Kavyanjali Lingala

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
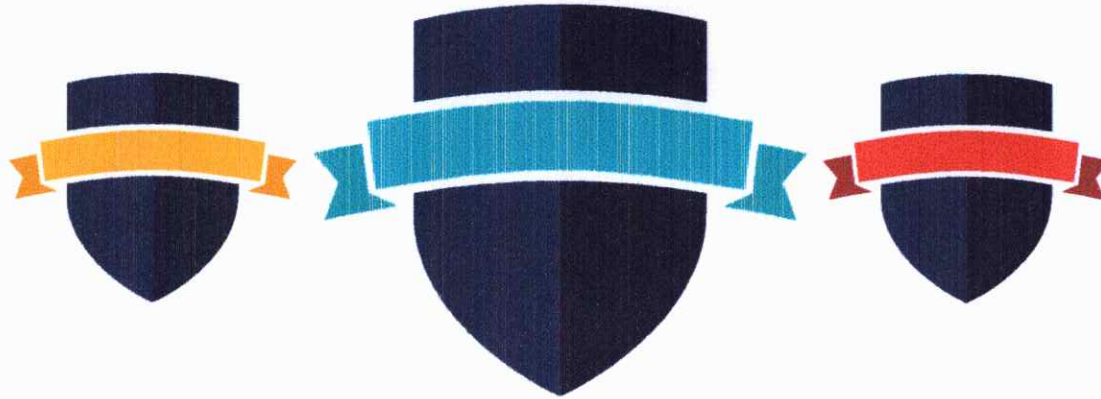
PEGA
Academy

Certificate Of Achievement

Awarded to

Kiran Babu Swarna

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
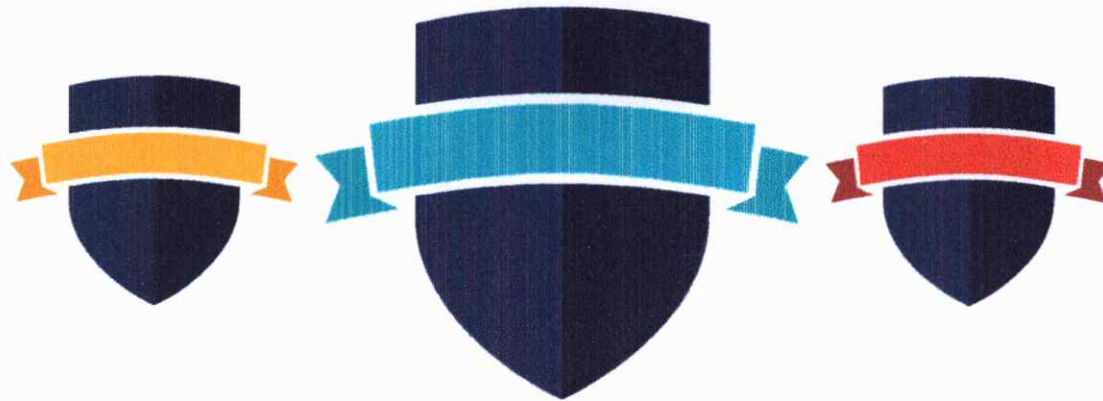
PEGA
Academy

Certificate Of Achievement

Awarded to

Devika Gorla

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer
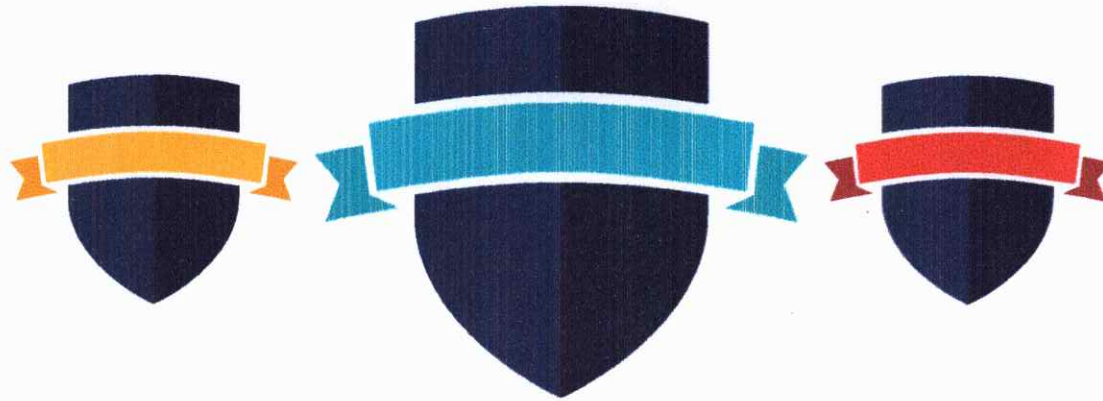
Certificate Of Achievement

Awarded to

Hafsa Nousheen

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer
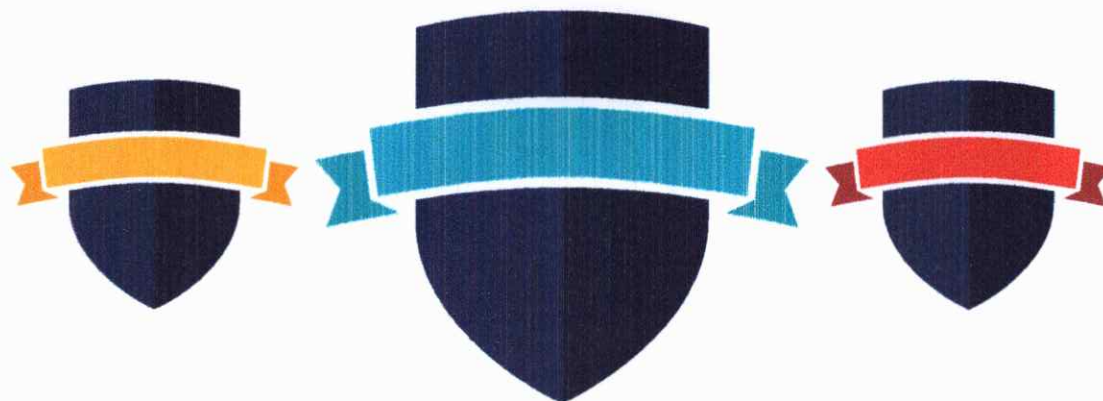
Certificate Of Achievement

Awarded to

Ganesh Nagulapally

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer
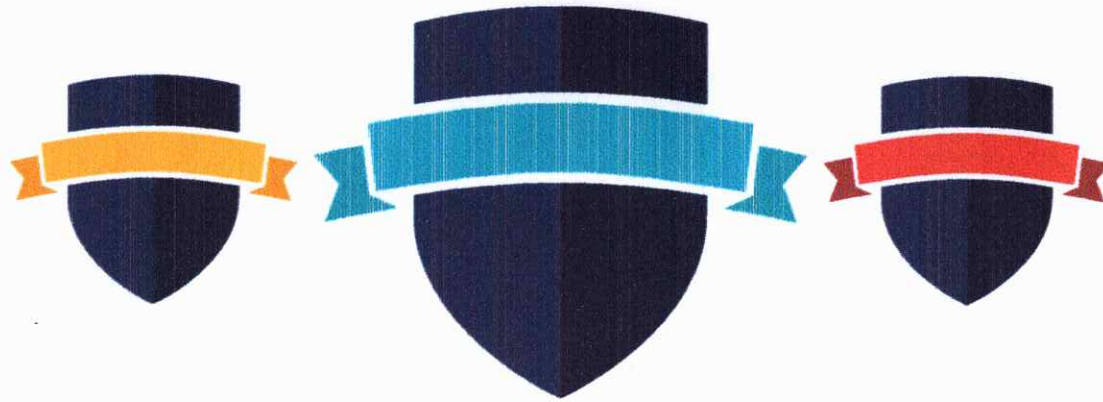
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Mahesh Gunti

In Recognition of Successful Completion of

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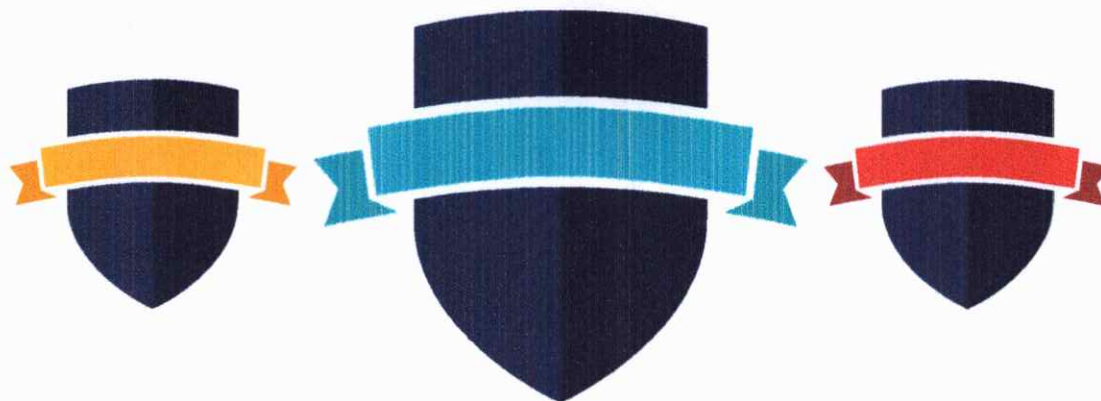
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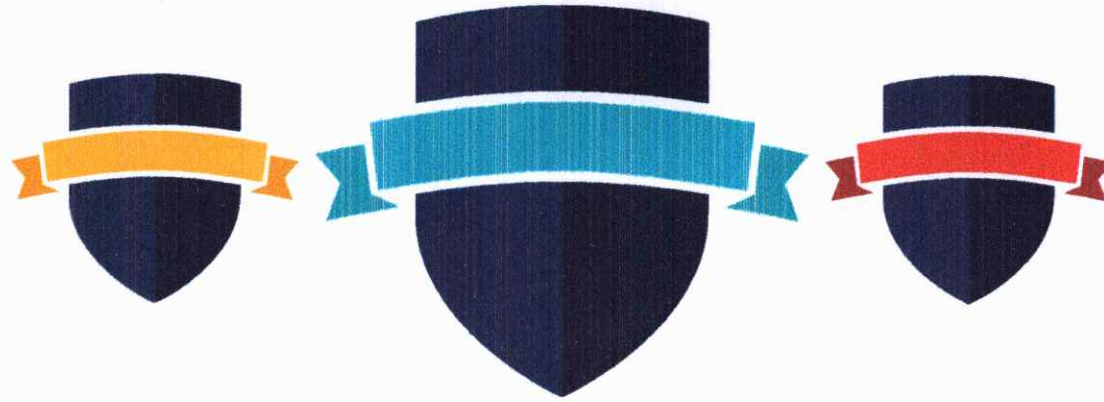
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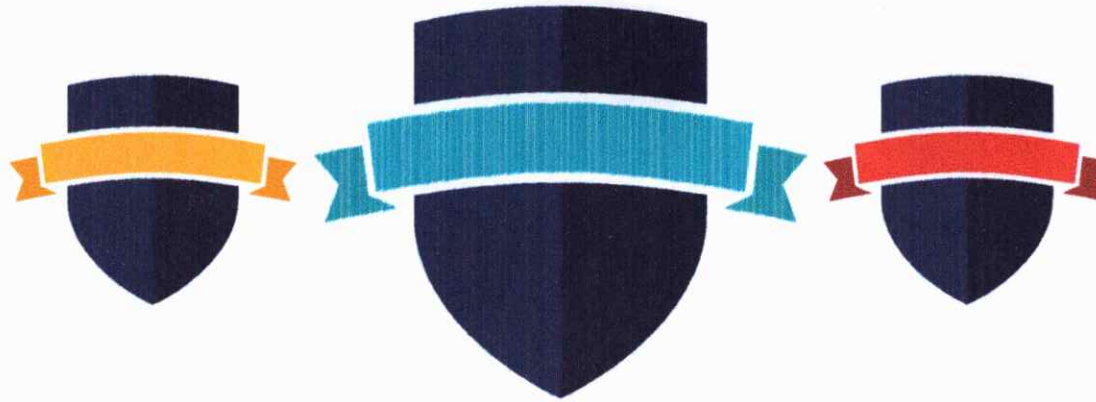
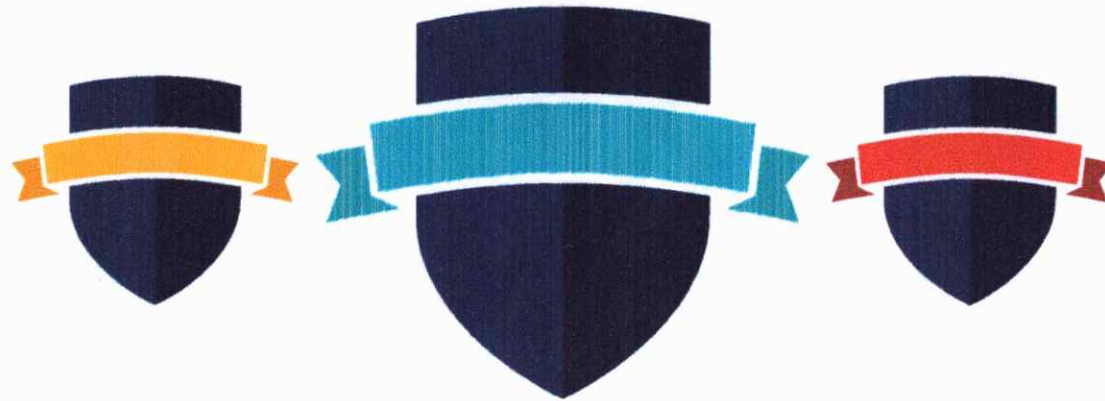# Certificate Of Achievement

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