



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Regg. 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.

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

1.2.2 Number of Add on /Certificate programs offered during Academic Year: 2021-2022

1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year: - 2021-2022

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/I/01

Date: 15-09-2021

CIRCULAR

This is to inform all the III B.Tech CSE students that the Department organizing an value added course on "**Data Analytics with R programming**". Department Advisory Committee has been identified **Mr.S.Rajendar, Assistant Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 20-09-2021 to 25-09-2021. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


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

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The principal, for kind information

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Notice board

III-I B. Tech CSE students

Dept. file


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ABOUT THE COURSE

In this course, you'll learn about the programming language known as R. You'll find out how to use R Studio, the environment that allows you to work with R. This course will also cover the software applications and tools that are unique to R, such as R packages. You'll discover how R lets you clean, organize, analyze, visualize, and report data in new and more powerful ways. Exploratory data analysis is an approach for summarizing and visualizing the important characteristics of a data set. Promoted by John Tukey, exploratory data analysis focuses on exploring data to understand the data's underlying structure and variables, to develop intuition about the data set to consider how that data set came into existence, and to decide how it can be investigated with more formal statistical methods. Data analysis becomes an essential part of everyday life. After this course, you will be able to conduct data analysis task yourself. Gain insights from the data. R-widely used tool for data analysis and visualization. R is rapidly becoming the leading programming language for effective data analysis and statistics. It is the tool of choice for many data science professionals in every industry

COURSE OBJECTIVES

The fundamental of course you will feel much more comfortable programming in other languages as well This is because R is a fully empowered programming language itself. Main programming concepts presented Various data types. Conditional statements and For and While loops. Finally, data mining and data science techniques in R are delivered in a clear fashion together with assignments to make sure you understand t Main statistical capabilities behind data science covered Data Analytics with R training will help you gain expertise in R Programming. Data Manipulation, Exploratory Data Analysis. Data Visualization, Data Mining. Regression Sentiment Analysis, and using R Studio for real-life case studies on Retail, Social Media. n this course, you will learn about the basics of statistical computing and data analysis how to

use R for analytical programming. How implement data structure in R. R loop functions and debugging tools. Object-oriented programming concepts in R. Data visualization in R. How to perform error handling. Writing custom R functions.

EXPECTED OUTCOMES

Examine the benefits of using the R programming language. Discover how to use R Studio to apply R to your analysis. Explore the fundamental concepts associated with programming in R. Explore the contents and components of R packages including the Tidyverse package. Gain an understanding of data frames and their use in R. - Discover the options for generating visualizations in R. Learn about R Markdown for documenting R programming After competing this course, you will be able to: Explain critical & programming concepts. Demonstrate how to install and configure Studio, Apply OOP concepts in R programming, Explain the use of data structure and loop functions. Analyse data and generate reports based on the data. Apply various concepts to write programs in R

Resource Person
Mr.S.Rajendar,
Assistant Professor
Department of CSE

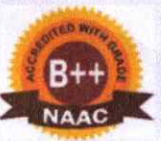
Co-ordinator
Mr.G.Shiva Prasad
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:18th SEP,2021



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ECE,CSE&EEE UG Programmes are Accredited by NBA
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ADD-ON COURSE ON "DATA ANALYTICS WITH R PROGRAMMING"

20th TO 25th SEP,2021

Duration of the course:36 HRS

ORGANIZED BY :
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**



S.R.
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DATA ANALYTICS WITH R PROGRAMMING

VALUE ADDED COURSE SYLLABUS

B.TECH III YEAR –I SEM

ACADEMIC YEAR: 2021-2022

Course Objectives:

- The basics of statistical computing and data analysis
- How to use R for analytical programming
- How to implement data structure in R
- R loop functions and debugging tools
- Object-oriented programming concepts in R
- Data visualization in R

Course Outcomes:

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

- Install Code and Use R Programming Language in R Studio IDE to perform basic tasks on Vectors, Matrices and Data frames.
- Describe key terminologies, concepts and techniques employed in Statistical Analysis.
- Define Calculate, Implement Probability and Probability Distributions to solve a wide variety of problems.
- Conduct and interpret a variety of Hypothesis Tests to aid Decision Making.
- Understand, Analyze, Interpret Correlation and Regression
- To analyze the underlying relationships between different variables.

UNIT 1: Introduction to Data Analysis: Overview of Data Analytics, Need of Data Analytics, Nature of Data, Classification of Data: Structured, Semi-Structured, Unstructured, Characteristics of Data, Applications of Data Analytics.

UNIT 2: R Programming Basics: Overview of R programming, Environment setup with R Studio, R Commands, Variables and Data Types, Control Structures, Array, Matrix, Vectors, Factors, Functions, R packages.

UNIT 3: Data Visualization using R: Reading and getting data into R (External Data): Using CSV files, XML files, Web Data, JSON files, Databases, Excel files. Working with R Charts and Graphs: Histograms, Boxplots, Bar Charts, Line Graphs, Scatter plots, Pie Charts

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UNIT 4: Statistics with R: Random Forest, Decision Tree, Normal and Binomial distributions, Time Series Analysis, Linear and Multiple Regression, Logistic Regression Survival Analysis

UNIT 5: Prescriptive Analytics: Creating data for analytics through designed experiments, creating data for analytics through active learning, creating data for analytics through reinforcement learning

TEXT BOOK:

- 1 An Introduction to R, Notes on R: A Programming Environment for Data Analysis and Graphics. W. N. Venables, D.M. Smith and the R Development Core Team. Version 3.0.1 (2013-05-16). URL

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VALUE ADDED COURSE NAME: DATA ANALYTICS WITH R PROGRAMMING

ACADEMIC YEAR: 2021-2022

Date: 15-09-2021

B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	20-09-2021	Overview of Data Analytics, Need of Data Analytics, Nature of Data, Classification of Data	09:30 am to 04:00 pm	6 Hours
2	21-09-2021	Overview of R programming, Environment setup with R Studio, R Commands, Variables and Data Types	09:30 am to 04:00 pm	6 Hours
3	22-09-2021	Reading and getting data into R (External Data): Using CSV files, XML files, Web Data, JSON files, Databases	09:30 am to 04:00 pm	6 Hours
4	23-09-2021	Random Forest, Decision Tree, Normal and Binomial distributions, Time Series Analysis, Linear and Multiple Regression	09:30 am to 04:00 pm	6 Hours
5	24-09-2021	Creating data for analytics through designed experiments, creating data for analytics through active learning, creating data for analytics through reinforcement learning	09:30 am to 04:00 pm	6 Hours
6	25-09-2021	Creating data for analytics through designed experiments, creating data for analytics through active learning, creating data for analytics through reinforcement learning	09:30 am to 04:00 pm	6 Hours
Total -36 Hours				

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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	Data Analytics with R programming"	BREAK	Data Analytics with R programming"	LUNCH	Data Analytics with R programming"	BREAK	Data Analytics with R programming"
TUE							
WED							
THU							
FRI							
SAT							

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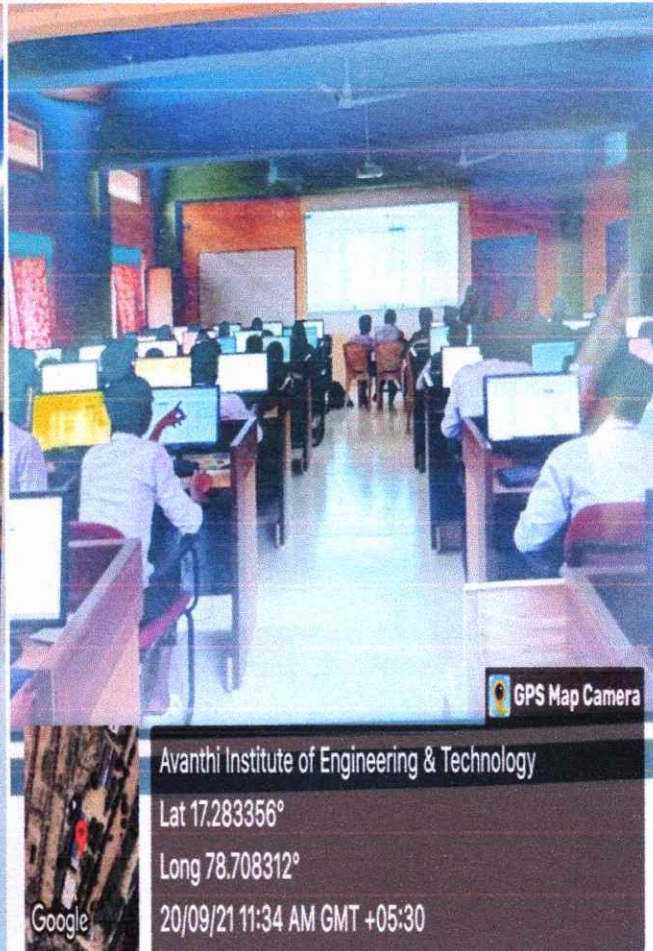
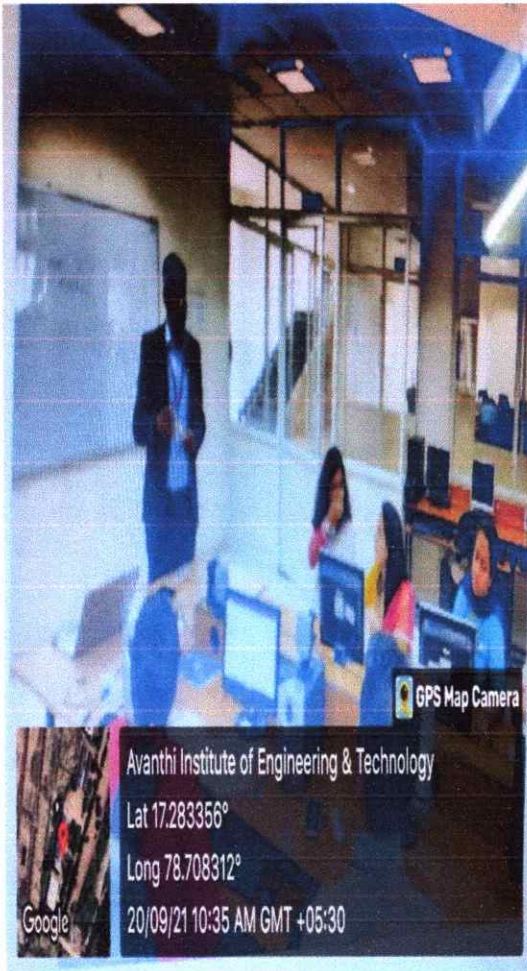
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The Students of I-Year B.Tech certificate program attending "Data Analytics with R programming" by the Resource person "Mr.S.Rajendar, Assistant Professor".


COORDINATOR
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Ranga Reddy Dist, Telangana.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DATA ANALYTICS WITH R PROGRAMMING

III YEAR I-SEM

Enrolled Students List

Date: 20-11-2021 to 25-11-2021

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
26	19Q61A0526	Gurralla Gowtham Sai
27	19Q61A0527	Jakkala Manisha
28	19Q61A0528	Jakkula Srinath
29	19Q61A0529	Janagama Sai Kumar
30	19Q61A0530	Juvvanthula Harsha
31	19Q61A0531	Kagithapu Adithya



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32	19Q61A0532	Kairamkonda Pavan
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
39	19Q61A0539	Katam Sneha
40	19Q61A0540	Kolli Priyanka Chowdary
41	19Q61A0541	Mohammed Sameer Ahmed

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HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DATA ANALYTICS WITH R PROGRAMMING

III YEAR I-SEM

A.Y 2021-2022

Date: 15-09-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	20.09.21	21.11.21	22.11.21	23.11.21	24.11.21	25.11.21
1	19Q61A0501	Aerukala Shiva Kumar	P	P	P	P	P	P
2	19Q61A0502	Ailagoni Maina	P	P	P	P	P	P
3	19Q61A0503	Aitipamula Vinay Kumar	P	P	P	P	P	P
4	19Q61A0504	Alladi Ranjith	P	P	P	P	P	P
5	19Q61A0505	Alugula Venkat Reddy	P	P	P	P	P	P
6	19Q61A0506	Ambesh Yadav	P	P	P	P	P	P
7	19Q61A0507	Anantha Radhika	P	P	P	P	P	P
8	19Q61A0508	Annepu Supraja	P	P	P	P	P	P
9	19Q61A0509	Baddam Umesh Reddy	P	P	P	P	P	P
10	19Q61A0510	Badreenath Gudipudi	A	A	A	A	A	A
11	19Q61A0511	Baluguri Prashanth Rao	P	P	P	P	P	P
12	19Q61A0512	Banne Mamatha	P	P	P	P	P	P
13	19Q61A0513	Bathula Shyamkumar	P	P	P	P	P	P
14	19Q61A0514	Bhagavatula Sasank	P	P	P	P	P	P
15	19Q61A0515	Boda Manisha	P	P	P	P	P	P
16	19Q61A0516	Bodakunti Ajay Kumar	P	A	P	P	P	P
17	19Q61A0517	Bokka Arshith Reddy	P	P	P	P	P	P
18	19Q61A0518	Bollaveni Rakesh	P	P	P	P	P	P
19	19Q61A0519	Cherukuri Rakesh	P	P	P	P	P	P
20	19Q61A0520	G Satish Kumar Reddy	P	P	P	P	P	P
21	19Q61A0521	Gobburi Nandini	P	P	P	P	P	P
22	19Q61A0522	Gollapalli Dileep Kumar	P	P	P	P	P	P
23	19Q61A0523	Gopu Bhasker	P	P	A	P	P	P
24	19Q61A0524	Gudepu Sowjanya	P	P	P	P	P	P
25	19Q61A0525	Guntaka Teja Venkat	P	P	P	P	P	P
26	19Q61A0526	Gurralla Gowtham Sai	P	P	P	P	P	P
27	19Q61A0527	Jakkala Manisha	P	P	P	A	P	P
28	19Q61A0528	Jakkula Srinath	P	P	P	P	P	P
29	19Q61A0529	Janagama Sai Kumar	P	P	P	P	P	P
30	19Q61A0530	Juvvanthula Harsha	P	P	P	P	P	P
31	19Q61A0531	Kagithapu Adithya	P	P	P	P	P	P



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32	19Q61A0532	Kairamkonda Pavan	P	P	P	P	P	P
33	19Q61A0533	S Manoj Reddy	P	P	P	P	P	P
34	19Q61A0534	Bojja Sai Charan Reddy	P	P	P	P	P	P
35	19Q61A0535	Chittiprolu Arun Kumar	P	P	P	P	P	P
36	19Q61A0536	Guntoju Renuka	P	P	P	P	P	P
37	19Q61A0537	I Raghavendra Reddy	P	P	P	P	P	P
38	19Q61A0538	Jitta Rajashekar	P	P	P	P	P	P
39	19Q61A0539	Katam Sneha	A	P	P	P	P	P
40	19Q61A0540	Kolli Priyanka Chowdary	P	P	P	P	P	P
41	19Q61A0541	Mohammed Sameer Ahmed	P	P	P	P	P	P


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: DATA ANALYTICS WITH R PROGRAMMING

III YEAR I-SEM

A.Y 2021-2022

Date: 20-11-2021 to 25-11-2021

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	0	0
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	30	83.3
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	30	83.3
24	19Q61A0524	Gudepu Sowjanya	36	100
25	19Q61A0525	Guntaka Teja Venkat	36	100
26	19Q61A0526	Gurralla Gowtham Sai	36	100
27	19Q61A0527	Jakkala Manisha	30	83.3
28	19Q61A0528	Jakkula Srinath	36	100
29	19Q61A0529	Janagama Sai Kumar	36	100
30	19Q61A0530	Juvvanthula Harsha	36	100



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31	19Q61A0531	Kagithapu Adithya	36	100
32	19Q61A0532	Kairamkonda Pavan	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
38	19Q61A0538	Jitta Rajashekar	36	100
39	19Q61A0539	Katam Sneha	30	83.3
40	19Q61A0540	Kolli Priyanka Chowdary	36	100
41	19Q61A0541	Mohammed Sameer Ahmed	36	100


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Ranga Reddy Dist, Telangana.


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HOD

Head of the Department
Computer Science & Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30-09-2021

PROGRAM REPORT

Name of the Value Added Course: Data Analytics with R programming

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.S.Rajendar, Assistant Professor.

Name of the Coordinator: Mr.G.Shiva Prasad, Assistant Professor.

Number of the Participants: 40

Topics covered: The following topics covered in this program

- Introduction to Data Analysis.
- R Programming Basics.
- Data Visualization using R
- Statistics with R
- Prescriptive Analytics.

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.RANJITH** Bearing roll number **19Q61A0504** from the department of **Computer Science and Engineering** completed the value added course on "**DATA ANALYTICS WITH R PROGRAMMING**" During the year **2021-22**.


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Head of The Department
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Co Ordinator
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Gunthapally (V), Abdullapur Met (M),
Ranga Reddy Dist, Telangana.


Principal
PRINCIPAL
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (M), RR Dist,



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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.RENUKA** Bearing roll number **19Q61A0536** from the department of **Computer Science and Engineering** completed the value added course on "**DATA ANALYTICS WITH R PROGRAMMING**" During the year **2021-22**.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/I/02

Date: 28-09-2021

CIRCULAR

This is to inform all the III B.Tech CSE students that the Department organizing a value added course on "**Python Programming Boot Camp**". The course is scheduled to run for 06 days from 04-10-2021 to 09-10-2021. 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.Harish with COIGN Consultants Pvt Ltd.


HOD

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The principal, for kind information

IQAC

Notice board

III B. Tech CSE students

Dept. file


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ABOUT THE COURSE

Python is an Interpreted, object-oriented programming language similar to PERL, that has gained popularity because of its clear syntax and readability. Python is said to be relatively easy to learn and portable, meaning its statements can be interpreted in a number of operating systems, including UNIX-based systems, Mac OS, MS-DOS, OS/2, and various versions of Microsoft Windows 98. Python was created by Guido van Rossum, a former resident of the Netherlands, whose favorite comedy group at the time was Monty Python's Flying Circus. The source code is freely available and open for modification and reuse. Python has a significant number of users. The Python Programming course comprises sessions dealing with syntax, variables and data types, operators and expressions, conditions and loops, functions, objects, collections, modules and packages, strings, pattern matching, exception handling, binary and text files, and databases. Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered. We're going to jump right into it so you can start coding your first Python program as soon as possible.

COURSE OBJECTIVES

This course aims to provide the delegate with the knowledge to be able to produce simple computer programs that demonstrate an understanding of the three core principles of programming sequence, selection, and iteration. Delegates will also be exposed to functions, objects, and both procedural and object-oriented programming paradigms. The course further aims to prepare delegates to go on to learn any one of many programming languages in detail. This introduction to Programming-Python course is designed for those new to programming, to learn about the terminology structures, and principles of programming generally. Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions. Work with user input to create fun and interactive programs. Create simple games with images, animations, and audio using our custom beginner-friendly programming library. The learning objectives of this course are to understand why Python is a useful scripting language for developers.

To learn how to design and program Python applications, how to use list, tuples, and dictionaries in Python programs and how to identify Python object types.

EXPECTED OUTCOMES

Make use of the python programming language to construct basic programs. Know how to use collections such as list, tuple, range, dictionary and sets. Make use of functions, classes and objects from those classes. Understand the concepts of inheritance and polymorphism for code reusability and extensibility. Write robust code using exception handling. Create and animate a variety of shapes and develop an application with graphical user interface GUI. Extend the knowledge of python programming to build successful career in software development. The goal of the course is to introduce students to Python Version 3.x programming using hands on instruction. It will show how to install Python and use the Spyder IDE (Integrated Development Environment) for writing and debugging programs. The approach will be to present an example followed by a small exercise where the learner tries something similar to solidify a concept. At the end of each module there will be an exercise where the student is required to write simple programs and submit them for grading, its intended for students with little or no programming background, although students with such a background should be able to move forward at their preferred pace.

Resource Person

Mr.G.Harish

Technical Trainer

COIGN Consultants Pvt Ltd

Co-ordinator

Mr.CH.Saidulu,

Assistant Professor

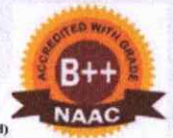
Department of CSE

LAST DATE FOR REGISTRATION:02nd OCT,2021



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ADD-ON COURSE ON

“PYTHON PROGRAMMING BOOT CAMP”

04th OCT TO 09th NOV,2021

Duration of the course:36 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: PYTHON PROGRAMMING BOOT CAMP

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH III YEAR-I SEM

Course Objectives:

1. To understand why Python is a useful scripting language for developers.
2. To design and program python applications.
3. To learn how to use dictionaries in applications. Python programs
4. To learn how to use class inheritance in Python for reusability.
5. To learn how to use exception handling in Python applications for error handling.

Module 1: Python Basics: Running Python, Hello, World!, Literals, Python Comments, Variables, writing a Python Module, print Function, Collecting User Input, Getting Help, Lab: Exercises in this Lesson, Hello, World, Exploring Types, A Simple Python Script

Module 2: Functions and Modules: Defining Functions, Variable Scope, Global Variables. Function Parameters, Returning Values, Importing Modules, Lab: Exercises in this Lesson, A Function with Parameters, Parameters with Default Values.

Module 3: Math: Arithmetic Operators, Assignment Operators, Built-in Math Functions, The Math Module, The random Module, Lab: Exercises in this Lesson, Floor and Modulus, How Many Pizzas Do We Need.

Module 4: Literals; Sequences, Dictionaries, and Sets: Definitions, Sequences, Unpacking Sequences, Dictionaries, The len Function, Sets, args and kwargs, Lab: Exercises in this Lesson, Remove and Return Random Element, Simple Rock, Paper, Scissors Game, Slicing Sequences, Creating a Dictionary from User Input.

Module 5: File Processing: Opening Files, The os and os.path Modules, Lab: Exercises in this Lesson, Finding Text in a File

TEXT BOOK:

- 1 Programming For Beginners: Learn The Fundamentals of Python by Michael Knapp and Python Programming.

CH. Saidekula

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: PYTHON PROGRAMMING BOOT CAMP

ACADEMIC YEAR: 2021-2022

Date: 28-09-2021

B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

SI. No	DAY	Topic	Timings	Duration
1	04-10-2021	Python Basics: Running Python, Hello, World!, Literals, Python Comments, Variables, writing a Python Module, print Function, Collecting User Input	09:30 am to 04:00 pm	6 Hours
2	05-10-2021	Functions and Modules: Defining Functions, Variable Scope, Global Variables. Function Parameters,	09:30 am to 04:00 pm	6 Hours
3	06-10-2021	Math: Arithmetic Operators, Assignment Operators, Built-in Math Functions, The Math Module, The random Module	09:30 am to 04:00 pm	6 Hours
4	07-10-2021	Literals; Sequences, Dictionaries, and Sets: Definitions, Sequences, Unpacking Sequences, Dictionaries	09:30 am to 04:00 pm	6 Hours
5	08-10-2021	Return Random Element, Simple Rock, Paper, Scissors Game, Slicing Sequences, Creating a Dictionary from User Input	09:30 am to 04:00 pm	6 Hours
6	09-10-2021	File Processing: Opening Files, The os and os.path Modules, Lab: Exercises in this Lesson, Finding Text in a File	09:30 am to 04:00 pm	6 Hours
Total -36 hours				

M. Saichulu

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[Signature]

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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	Python Programming Boot Camp	BREAK	Python Programming Boot Camp	LUNCH	Python Programming Boot Camp	BREAK	Python Programming Boot Camp
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	Python Programming Boot Camp	BREAK	Python Programming Boot Camp	LUNCH	Python Programming Boot Camp	BREAK	Python Programming Boot Camp
TUE							
WED							
THU							
FRI							
SAT							

Ch. Saide
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The Students of III Year B.Tech Certificate Program Attending "Python Programming Boot camp" by Resource person "Mr.G.Harish" By 'COIGN Consultants Pvt Ltd'.

C.H. Saithabi
CO ORDINATOR

CO ORDINATOR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: PYTHON PROGRAMMING BOOT CAMP

III YEAR I-SEM

Enrolled Students List

Date: 04-10-2021 to 09-10-2021

S.No	Roll Number	Name of The Student
1	20Q65A0502	Ankerala Swamy
2	20Q65A0503	Bari Bhanu Prasad
3	20Q65A0504	Gunti Srinivas
4	20Q65A0505	J Naveen
5	20Q65A0506	Jeekuru Ramesh
6	20Q65A0507	Kadali Adithya Surya
7	20Q65A0508	Madipeddi Praveen
8	20Q65A0509	Madupoju Varsha
9	20Q65A0510	Motike Mahesh
10	20Q65A0511	Nakka Chandu
11	20Q65A0512	Nenavath Jaipal
12	20Q65A0513	Pavan Kumar K
13	20Q65A0514	Ponneboina Sravanthi
14	20Q65A0515	Sakhiri Anil Kumar
15	20Q65A0516	Y Yugesh Goud
16	20Q65A0517	Etikyala Saipavan
17	20Q65A0518	Gurram Mahesh Vardhan
18	20Q65A0519	Nagula Saikiran
19	20Q65A0520	S Anusha
20	18Q61A05A8	Valavala Venkata Santosh
21	18Q61A0545	Bondalapati Ramya
22	18Q61A0558	Nagati Likhith Kumar
23	18Q61A0566	Erri Lavakumarreddy
24	20Q61D5801	Chalamalla Sahithi Reddy
25	20Q61D5802	Chintha Palli Srilatha
26	20Q61D5803	Eravelli Sandhyarani
27	20Q61D5804	Gajjala Saipriya
28	20Q61D5805	Gogula Divya
29	20Q61D5806	Kodari Manasa
30	20Q61D5807	Sambu Praveen Kumar
31	20Q61D5808	Singidi Prasad



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32	20Q61D5809	Chimadaboina Shiva Kumar
33	20Q61D5810	Manuri Mallika
34	20Q61D5811	Pinnapureddy Mamatha
35	20Q61D5812	Kamarapu Arun
36	20Q61D5813	Syed Mazhar Ali
37	20Q61D5814	Sadeeda Ulfat Aara
38	20Q61D5815	Udutha Jyothi
39	20Q61D5816	A Harika-Not Registered
40	20Q61D5817	Battu Jhansi
41	20Q61D5818	Kortalwar Sumasvi

CH. Saidulu

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HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: PYTHON PROGRAMMING BOOT

CAMP

III YEAR I-SEM

A.Y 2021-2022

Date: 28-09-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	04.10.21	05.10.21	06.10.21	07.10.21	08.10.21	09.10.21
1	20Q65A0502	Ankerala Swamy	P	P	P	P	P	P
2	20Q65A0503	Bari Bhanu Prasad	P	P	P	P	P	P
3	20Q65A0504	Gunti Srinivas	P	P	P	P	P	P
4	20Q65A0505	J Naveen	P	P	P	P	P	P
5	20Q65A0506	Jeekuru Ramesh	P	P	P	P	P	P
6	20Q65A0507	Kadali Adithya Surya	P	P	P	P	P	P
7	20Q65A0508	Madipeddi Praveen	P	P	P	P	P	P
8	20Q65A0509	Madupoju Varsha	P	P	P	P	P	P
9	20Q65A0510	Motike Mahesh	P	P	P	P	P	P
10	20Q65A0511	Nakka Chandu	P	P	P	P	P	P
11	20Q65A0512	Nenavath Jaipal	P	P	P	P	P	P
12	20Q65A0513	Pavan Kumar K	A	A	A	A	A	A
13	20Q65A0514	Ponneboina Sravanthi	P	P	P	P	P	P
14	20Q65A0515	Sakhiri Anil Kumar	P	P	P	P	P	P
15	20Q65A0516	Y Yugesh Goud	P	P	P	P	P	P
16	20Q65A0517	Etikyala Saipavan	P	P	P	P	P	P
17	20Q65A0518	Gurram Mahesh Vardhan	P	P	P	P	P	P
18	20Q65A0519	Nagula Saikiran	P	P	P	P	P	P
19	20Q65A0520	S Anusha	P	P	P	P	P	P
20	18Q61A05A8	Valavala Venkata Santosh	P	P	P	P	P	P
21	18Q61A0545	Bondalapati Ramya	P	P	P	P	P	P
22	18Q61A0558	Nagati Likhith Kumar	A	A	A	A	A	A
23	18Q61A0566	Erri Lavakumarreddy	P	P	P	P	P	P
24	20Q61D5801	Chalamalla Sahithi Reddy	P	P	P	P	P	P
25	20Q61D5802	Chintha Palli Srilatha	P	P	P	P	P	P
26	20Q61D5803	Eraveli Sandhyarani	P	P	P	P	P	P
27	20Q61D5804	Gajjala Saipriya	P	P	P	P	P	P
28	20Q61D5805	Gogula Divya	P	P	P	P	P	P
29	20Q61D5806	Kodari Manasa	P	P	P	P	P	P
30	20Q61D5807	Sambu Praveen Kumar	P	P	P	P	P	P



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31	20Q61D5808	Singidi Prasad	P	P	P	P	P	P
32	20Q61D5809	Chimadaboina Shiva Kumar	P	P	P	P	P	P
33	20Q61D5810	Manuri Mallika	P	P	P	P	P	P
34	20Q61D5811	Pinnapureddy Mamatha	P	P	P	P	P	P
35	20Q61D5812	Kamarapu Arun	P	P	P	P	P	P
36	20Q61D5813	Syed Mazhar Ali	P	A	P	P	P	P
37	20Q61D5814	Sadeeda Ulfat Aara	P	P	P	P	P	P
38	20Q61D5815	Udutha Jyothi	P	P	P	P	P	P
39	20Q61D5816	A Harika-Not Registered	P	P	P	P	P	P
40	20Q61D5817	Battu Jhansi	P	P	P	P	P	P
41	20Q61D5818	Kortalwar Sumasvi	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: PYTHON PROGRAMMING BOOT CAMP

III YEAR I-SEM

A.Y 2021-2022

Date: 04-10-2021 to 09-10-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q65A0502	Ankerala Swamy	36	100
2	20Q65A0503	Bari Bhanu Prasad	36	100
3	20Q65A0504	Gunti Srinivas	36	100
4	20Q65A0505	J Naveen	36	100
5	20Q65A0506	Jeekuru Ramesh	36	100
6	20Q65A0507	Kadali Adithya Surya	36	100
7	20Q65A0508	Madipeddi Praveen	36	100
8	20Q65A0509	Madupoju Varsha	36	100
9	20Q65A0510	Motike Mahesh	36	100
10	20Q65A0511	Nakka Chandu	36	100
11	20Q65A0512	Nenavath Jaipal	36	100
12	20Q65A0513	Pavan Kumar K	0	0
13	20Q65A0514	Ponneboina Sravanthi	36	100
14	20Q65A0515	Sakhiri Anil Kumar	36	100
15	20Q65A0516	Y Yugesh Goud	36	100
16	20Q65A0517	Etikyala Saipavan	36	100
17	20Q65A0518	Gurram Mahesh Vardhan	36	100
18	20Q65A0519	Nagula Saikiran	36	100
19	20Q65A0520	S Anusha	36	100
20	18Q61A05A8	Valavala Venkata Santosh	36	100
21	18Q61A0545	Bondalapati Ramya	36	100
22	18Q61A0558	Nagati Likhith Kumar	0	0
23	18Q61A0566	Erri Lavakumarreddy	36	100
24	20Q61D5801	Chalamalla Sahithi Reddy	36	100
25	20Q61D5802	Chintha Palli Srilatha	36	100
26	20Q61D5803	Eravelli Sandhyarani	36	100
27	20Q61D5804	Gajjala Saipriya	36	100
28	20Q61D5805	Gogula Divya	36	100
29	20Q61D5806	Kodari Manasa	36	100
30	20Q61D5807	Sambu Praveen Kumar	36	100



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31	20Q61D5808	Singidi Prasad	36	100
32	20Q61D5809	Chimadaboina Shiva Kumar	36	100
33	20Q61D5810	Manuri Mallika	36	100
34	20Q61D5811	Pinnapureddy Mamatha	36	100
35	20Q61D5812	Kamarapu Arun	36	100
36	20Q61D5813	Syed Mazhar Ali	30	83.3
37	20Q61D5814	Sadeeda Ulfat Aara	36	100
38	20Q61D5815	Udutha Jyothi	36	100
39	20Q61D5816	A Harika-Not Registered	36	100
40	20Q61D5817	Battu Jhansi	36	100
41	20Q61D5818	Kortalwar Sumasvi	36	100

CH. Saibabu
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Ranga Reddy Dist, Telangana.

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

[Signature]
HOD

Head of the Department
Computer Science & Engineering
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 15-10-2021

PROGRAM REPORT

Name of the Value Added Course: Python Programming Boot Camp

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.G.Harish, Technical Trainer, COIGN Consultants Pvt Ltd.

Name of the Coordinator: Mr.CH.Saidulu Prasad, Assistant Professor.

Number of the Participants: 39

Topics covered: The following topics covered in this program

- Python Basics. Running Python. Exercises, A Simple Python Script
- Functions and Modules. Variable Scope. Global Variables. Function Parameters.
- Returning Values
- Built-in Math Functions, Exercises related to concepts
- Iterables.Sequences, Dictionaries. Slicing Sequences. Creating a Dictionary
- File Processing. Opening Files. The os and os.path Modules.

CH. Saidulu

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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.ANUSHA** Bearing roll number **20Q65A0520** from the department of **Computer Science and Engineering** completed the value added course on **"PYTHON PROGRAMMING BOOT CAMP"** During the year **2021-22**.


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Head of The Department
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Ranga Reddy District.


CH. Sadulak
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Co-Ordinator
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **J.NAVEEN** Bearing roll number **20Q65A0505** from the department of **Computer Science and Engineering** completed the value added course on **"PYTHON PROGRAMMING BOOT CAMP"** During the year **2021-22**.

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Head of The Department
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Ranga Reddy Dist.

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

Principal
PRINCIPAL
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/I/03

Date: 20-10-2021

CIRCULAR

This is to inform all the II B.Tech CSE students that the Department organizing an value added course on "IOT Security and Privacy". The course is scheduled to run for 06 days from 25-10-2021 to 30-10-2021. 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.S.Pramod with CONSCIENCE Technologies


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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

The add-on course titled "IoT Security and Privacy" provides comprehensive overview of the security and privacy risks associated with Internet of Things (IoT) devices and systems. The course covers the technical aspects of IoT security, such as cryptography, access control, and network security, as well as the privacy regulations and best practices that apply to IoT devices.

Students will learn about the security technologies and protocols that are used to secure IoT devices and the Communication between them. They will also learn about e privacy regulations and best practices that apply to IoT devices, and how to ensure that personal data is protected..

COURSE OBJECTIVES

The objective of the add-on course titled "IoT Security and privacy is to provide students with a comprehensive understanding of the security and privacy risks associated with Internet of Things (IoT) devices and systems.

The course aims to:

Introduce the security and privacy challenges associated with IoT devices and systems.

Teach the technical aspects of IoT security, including cryptography, access control, and network security.

Provide an understanding of privacy regulations and best practices that apply to IoT devices, and how to ensure at personal data is protected.

Cover the security features of popular IoT platforms and the steps to secure their own IoT systems.

Enable students to evaluate and mitigate security and privacy risks associated with IoT devices and systems.

Prepare students for a future in which IoT will play a significant role by building their skills in securing and protecting the data generated by IoT devices. summary, the objective of the course is to equip students with the knowledge and skills they need to understand and manage the security and privacy risks associated with IoT devices and systems..

EXPECTED OUTCOMES

Upon completion of the course, students can expect to achieve the following:


1. A comprehensive understanding of the security and privacy risks associated with IoT devices and systems.
2. Knowledge of the technical aspects of IoT security, including cryptography, access control, and network security.
3. Familiarity with privacy regulations and best practices that apply to IoT devices, and the ability to ensure that personal data is protected.
4. Skills in evaluating and mitigating security and privacy risks associated with IoT devices and systems.
5. Ability to identify the security features of popular IoT platforms and secure their own IoT systems.
6. Preparedness for a future in which IoT will play a significant role by having the skills to secure and protect the data. generated by IoT devices.

Overall, the expected outcome of the course is to produce professionals who have the knowledge and skills necessary to understand and manage the security and privacy risks associated with IoT devices and systems, and who can effectively contribute to the development and deployment of secure and privacy-friendly IoT systems.

Resource Person
Mr.S.Pramod,
Subject Expert
CONSCIENCE Tech

Co-ordinator
Mr.P.Naresh
Assistant Professor
Department of CSE

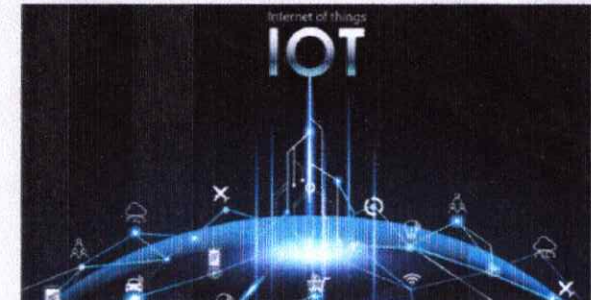
LAST DATE FOR REGISTRATION:22nd OCT,2021


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ADD-ON COURSE ON "IOT SECURITY AND PRIVACY"

25th OCT to 30th OCT,2021

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: IOT SECURITY AND PRIVACY

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH II YEAR-I SEM

Course Objectives:

- Able to understand the application areas of IoT.
- Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks.
- Able to understand building blocks of Internet of Things and characteristics.
- Understand IoT and M2M.

Course Outcomes:

- Identify and describe the variety of IoT systems architectures, essential components and challenges specific to IoT systems.
- Interpret information privacy and data protection requirements in regards to IoT products design.
- Apply appropriate security mechanisms for IoT to real-world problems.
- Reflect on the impact of current and future IoT technologies on security and privacy.
- Discuss appropriate security and privacy solutions for real-world applications, using appropriate language and terminology.

UNIT - I: Overview of 5G Broadband Wireless Communications: Evolution of mobile technologies 1G to 4G (LTE, LTEA, LTEA Pro), An Overview of 5G requirements, Regulations for 5G, Spectrum Analysis and Sharing for 5G.

UNIT – II: The 5G wireless Propagation Channels: Channel modeling requirements, propagation scenarios and challenges in the 5G modeling, Channel Models for mmWave MIMO Systems, 3GPP standards for 5G, IEEE 802.15.4

UNIT - III: Introduction to Internet of Things : Definition and Characteristics of IoT, Physical Design of IoT – IoT Protocols, IoT communication models, Iot Communication APIs, IoT enabled Technologies – Wireless Sensor Networks, Cloud Computing, Big data analytics, Communication protocols, Embedded Systems, IoT Levels and Templates, Domain Specific IoTs – Home, City, Environment, Energy, Retail, Logistics, Agriculture, Industry, health and Lifestyle.


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UNIT – IV:IoT and M2M :Software defined networks, network function virtualization, difference between SDN and NFV for IoT. Basics of IoT System Management with NETCOZF, YANGNETCONF, YANG, SNMP NETOPEER

UNIT – V: IoT Physical Devices and Endpoints: Introduction to Raspberry PI - Interfaces (serial, SPI, I2C). Programming – Python program with Raspberry PI with focus of interfacing external gadgets, controlling output, reading input from pins

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE NAME: IOT SECURITY AND PRIVACY

ACADEMIC YEAR 2021-22

Date: 20-10-2021

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	25-10-2021	Evolution of mobile technologies 1G to 4G (LTE, LTEA, LTEA Pro), An Overview of 5G requirements, Regulations for 5G, Spectrum Analysis and Sharing for 5G	09:30 am to 04:00 pm	5 hours
2	26-10-2021	Channel modeling requirements, propagation scenarios and challenges in the 5G modeling	09:30 am to 04:00 pm	5 hours
3	27-10-2021	Definition and Characteristics of IoT, Physical Design of IoT – IoT Protocols, IoT communication models	09:30 am to 04:00 pm	5 hours
4	28-10-2021	Software defined networks, network function virtualization, difference between SDN and NFV for IoT	09:30 am to 04:00 pm	5 hours
5	29-10-2021	Introduction to Raspberry PI - Interfaces (serial, SPI, I2C). Programming – Python program	09:30 am to 04:00 pm	5 hours
6	30-10-2021	with Raspberry PI with focus of interfacing external gadgets, controlling output, reading input from pins	09:30 am to 04:00 pm	5 hours
Total -30 Hours				


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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	IOT Security and Privacy	BREAK	IOT Security and Privacy	LUNCH	IOT Security and Privacy	BREAK	IOT Security and Privacy
TUE							
WED							
THU							
FRI							
SAT							


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Head of the Department
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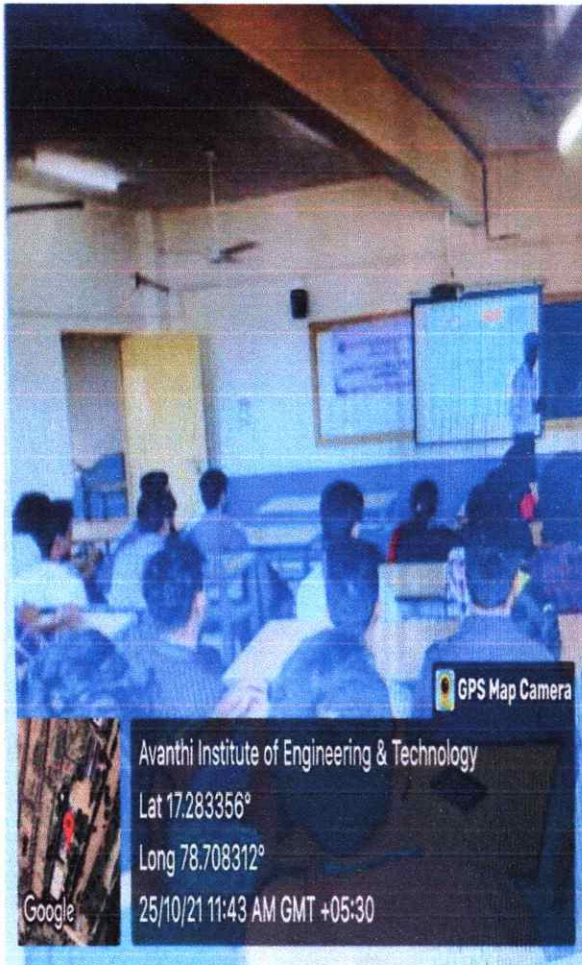
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The Students of II Year B.Tech Certificate program attending "IOT Security and Privacy" by Resource Person "Mr.S.Pramod By 'CONSCIENCE Technologies'".

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: IOT SECURITY AND PRIVACY

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 25-10-2021 to 30-10-2021

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	Anthathi Dinesh
7	20Q61A0507	Anugu Varsha
8	20Q61A0508	Baddam Prem Kumar Reddy
9	20Q61A0509	Banala Balanagendrachary
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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: IOT SECURITY AND PRIVACY

II YEAR I-SEM

A.Y 2021-2022

Date: 20-10-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	25.10.21	26.10.21	27.10.21	28.10.21	29.10.21	30.10.21
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	A	P
6	20Q61A0506	Anthathi Dinesh	P	P	P	P	P	P
7	20Q61A0507	Anugu Varsha	P	P	P	P	P	P
8	20Q61A0508	Baddam Prem Kumar Reddy	P	P	P	P	P	P
9	20Q61A0509	Banala Balanagendrachary	P	P	P	P	P	P
10	20Q61A0510	Bethapudi Srija	P	P	P	P	P	P
11	20Q61A0511	Bhukya Sandeep	A	A	A	A	A	A
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	A	A	A	A	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	P	P	A	P	P	P
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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: IOT SECURITY AND PRIVACY

II YEAR I-SEM

A.Y 2021-2022

Date: 25-10-2021 to 30-10-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0501	Abhishek Singh Tomar	30	100
2	20Q61A0502	Adicherla Vamshi	30	100
3	20Q61A0503	Aedma Shravan Kumar	30	100
4	20Q61A0504	Akkaldevi Ajay	30	100
5	20Q61A0505	Alluri Surya Prakash	25	83.3
6	20Q61A0506	Anthati Dinesh	30	100
7	20Q61A0507	Anugu Varsha	30	100
8	20Q61A0508	Baddam Prem Kumar Reddy	30	100
9	20Q61A0509	Banala Balanagendrachary	30	100
10	20Q61A0510	Bethapudi Srija	30	100
11	20Q61A0511	Bhukya Sandeep	0	0
12	20Q61A0512	Boddu Ramu	10	33.3
13	20Q61A0513	Bondla Yogitha-	30	100
14	20Q61A0514	Cheekati Nagaraju	30	100
15	20Q61A0515	Cheerla Sathvika	30	100
16	20Q61A0516	Dhyapa Sreevidya	30	100
17	20Q61A0517	Dilli Niharika	30	100
18	20Q61A0518	Edhandla Raj Kumar	30	100
19	20Q61A0519	Erraji Saikiran	30	100
20	20Q61A0520	Gaddam Manitha	30	100
21	20Q61A0521	Gorla Devika	30	100
22	20Q61A0522	Gudelli Jaswanth Reddy	30	100
23	20Q61A0523	Gurram Reemasree Reddy	30	100
24	20Q61A0524	Hafsa Nousheen	25	83.3
25	20Q61A0525	Jella Sreeja	30	100
26	20Q61A0526	K Umesh	30	100
27	20Q61A0527	Kandula Pooja	30	100
28	20Q61A0528	Karra Adarsh	30	100
29	20Q61A0529	Katabathini Uma	30	100
30	20Q61A0530	Kethavath Ramdas	30	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 05-11-2021

PROGRAM REPORT

Name Of Value Added Course: IoT security and privacy

Day/Duration: 30 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.S.Pramod, Subject Expert, CONSCIENCE Technologies.

Name of the Coordinator: Mr.P.Naresh Kumar, Assistant Professor.


Number of the Participants: 28

Topics covered: The following topics covered in this program

- Overview of 5G Broadband Wireless Communications.
- The 5G wireless Propagation Channels.
- Introduction to Internet of Things
- IoT and M2M
- IoT Physical Devices and Endpoints.


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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **A.DINESH** BEARING REG.NO **20Q61A0506** IS PARTICIPATED IN "IOT SECURITY AND PRIVACY" COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY, IN ASSOCIATION WITH 'CONSCIENCE TECHNOLOGIES' FROM 25/10/2021 TO 30/10/2021.




CONSCIENCE TECHNOLOGIES



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CONSCIENCE TECHNOLOGIES

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THIS IS TO CERTIFY THAT MR./MS. K.UMA BEARING REG.NO 20Q61A0529
IS PARTICIPATED IN "IOT SECURITY AND PRIVACY" COURSE CONDUCTED AT THE
AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY,
ABDULLAPURMETTU, RANGAREDDY, IN ASSOCIATION WITH 'CONSCIENCE
TECHNOLOGIES' FROM 25/10/2021 TO 30/10/2021.



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CONSCIENCE TECHNOLOGIES

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/I/04

Date: 10-11-2021

CIRCULAR

This is to inform all the II B.Tech CSE students that the Department organizing a value added course on "**Building Internet of Things Applications with Aurdino**". Department Advisory Committee has been identified **Dr.M.Prasad, Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 15-11-2021 to 20-11-2021. 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 Dr.M.Prasad, Professor with ST Mary's Engineering College

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

Nowadays advancement of technology is rapidly increasing and people want to do tasks in a smart way. So, people are thinking about quick ways of solving Daily life tasks. This will result in a technology that can control domestic and industrial applications using IoT. The increase in demand for service over the Internet necessitated data collection and exchange in an efficient manner. In this sense, the Internet of Things (IoT) has promised the ability to provide efficient data storage and exchange by connecting physical devices via electronic sensors and the Internet. The course is designed to build simple circuits around the Arduino Uno. that implement simple functions. Write simple Arduino sketches that can get sensor readings. make LEDs blink, write text on an LCD screen, read the position of a potentiometer, and much more. Understand what is the Arduino. In this course, you will learn A basic understanding of what is the Internet of Things, IoT Terminology. What is the Arduino IoT Cloud Platform, How to set up your Arduino MKR boards to connect to the Arduino OT Cloud, How to use the Arduino Internet of Things (IoT) Cloud Platform to build IoT apps with minimal code. How to build dashboards to monitor your Internet of Things (IoT) projects, peripherals and sensors, How to incorporate Webhooks in your Internet of Things (IoT) Applications. How to use the If This Then That (FTTT) to integrate services into your IoT Applications

COURSE OBJECTIVES

The fundamentals of the program Arduino to control lights, motors, and other devices. To learn Arduino's architecture, including inputs and connectors for add-on devices. To add third-party components such as LCDs, accelerometers, gyroscopes, and GPS trackers to extend Arduino functionality. To understand various options programming languages, from C to drag-an languages. To test, debug, and deploy the Arduino to sve" real-world problems. To acquire basic knowledge sensors and their hardware. Practical hands-on exper with interfacing sensors. Simple programming languagud study the sensor operation. The objective of this course is to gain knowledge on the importance of the Internet of Things (IoT), the current components of typical IoT devices

and + nds for the future. The contents focus on lot des. design constraints, Interfacing between the physical world and devices and further implementation and intergradations of IoT ecosystems

EXPECTED OUTCOMES

Recall the basics of sensors and their functioning. Execute basic and advanced assembly language programs. Learn the ways to interface VO devices with processors for task sharing Recall the basics of co-processor and its ways to handle float values by its instruction set Recognize the functionality of microcontrollers, the latest version processors and its applications. Acquire design thinking capab ty, the ability to design a component with roastic constraints, to solve real- world engineering problems and analyses the results. You will learn to design lot components which would allow them to innovate new designs and products. IoT has revolutionized the digital world, by connecting all things together Arduino is Open Source electronic prototyping platform. It is one of the most favour platforms with easy-to-use hardware and software. Arduino family has many ready-to-use hardware prototyping boards and one of the most versatile board is Uno popularly known as Arduino Uno.

Resource Person
Dr.M.Prasad ,
Professor
Department of CSE
ST Marys Eng college

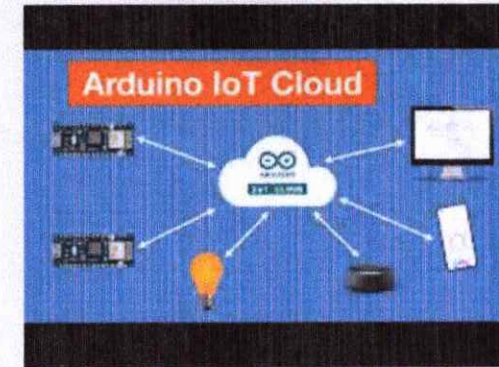
Co-ordinator
Mrs.S.Vasantha,
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:12th NOV,2021



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ADD-ON COURSE ON "BUILDING INTERNET OF THINGS APPLICATIONS WITH AURDINO"

15th TO 20th NOV,2021

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: **BUILDING INTERNET OF THINGS
APPLICATIONS WITH ARDUINO**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH II YEAR-I SEM

Course Objectives:

- The course gives shall provide an overview of latest IoT trends and practical working experience in Arduino board for various applications.

Course Outcomes:

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

- Describe the concepts of IoT along with its applications.
- Build a prototype using Arduino Uno.
- Identify different types of sensors, actuators and communication Protocols.
- Build a prototype using Raspberry pi.
- Design an IoT application to interact with Django.

UNIT 1 INTRODUCTION TO IOT: Understanding IoT fundamentals IOT Architecture and protocols Various Platforms for IoT Real time Examples of IoT Overview of IoT components and IoT Communication Technologies Challenges in IOT.

UNIT 2 ARDUINO SIMULATION ENVIRONMENT: Arduino Uno Architecture Setup the IDE, Writing Arduino Software Arduino Libraries Basics of Embedded C programming for Arduino Interfacing LED, push button.

UNIT 3 SENSOR AND ACTUATORS WITH ARDUINO: Overview of Sensors working Analog and Digital Sensors Interfacing of Temperature, Humidity, Motion, Light and Gas Sensor with Arduino Interfacing of Actuators with Arduino. Interfacing of Relay Switch and Servo Motor with Arduino

UNIT 4 BASIC NETWORKING WITH ESP8266 WIFI MODULE: Basics of Wireless Networking Introduction to ESP8266 Wi-Fi Module Various Wi-Fi library Web server-introduction, installation, configuration Posting sensor(s) data to web server.

UNIT 5 CLOUD PLATFORMS FOR IOT: Virtualization concepts and Cloud Architecture Cloud computing, benefits Cloud services -- SaaS, PaaS, IaaS Cloud providers & offerings Study of IOT Cloud platforms ThingSpeak API and MQTT Interfacing ESP8266 with Web services



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TEXT BOOKS:

1. Vijay Madiseti and Arshdeep Bahga, Internet of Things (A Hands-on-Approach), 1st Edition, VPT, 2016.
2. Richard Blum, Arduino Programming in 24 Hours, Sams Teach Yourself, Pearson Education, 2017.
3. Jain, Prof. Satish, Singh, Shashi, Internet of Things and its Applications, 1st Edition, BPB, 2020.

REFERENCE BOOKS:

1. Donald Norris, Internet of things_ do-it-yourself projects with Arduino, Raspberry Pi, and Beagle Bone Black, 1st Edition, McGraw-Hill, 2015.
2. Adeal Javed Lake Zurich, Illinois, Building Arduino Projects for the Internet: Experiments with Real-World Applications, 1st Edition, USA, A press, 2016.
3. Yashavant Kanetkar, Shirang Korde, 21 IOT Experiments, 1st Edition, BPB Publications, 2018.
4. Dr. Rajesh Singh, Dr. Anita Gehlot, Dr. Lovi Raj Gupta, Navjot Rathour, Mahendra Swain, Bhupendra Singh, IoT based Projects Realization with Raspberry Pi, NodeMCU and Arduino, 1st Edition, BPB Publications, 2020.

S. Vasantha.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **BUILDING INTERNET OF THINGS**

APPLICATIONS WITH AURDINO

ACADEMIC YEAR 2021-22

Date: 10-11-2021

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	15-11-2021	Understanding IoT fundamentals IOT Architecture and protocols Various Platforms for IoT Real time Examples of IoT Overview of IoT components	09:30 am to 04:00 pm	6 hours
2	16-11-2021	Arduino Uno Architecture Setup the IDE, Writing Arduino Software Arduino Libraries Basics of Embedded C	09:30 am to 04:00 pm	6 hours
3	17-11-2021	Overview of Sensors working Analog and Digital Sensors Interfacing of Temperature, Humidity.	09:30 am to 04:00 pm	6 hours
4	18-11-2021	Basics of Wireless Networking Introduction to ESP8266 Wi-Fi Module Various Wi-Fi library	09:30 am to 04:00 pm	6 hours
5	19-11-2021	Virtualization concepts and Cloud Architecture Cloud computing, benefits Cloud services -- SaaS, PaaS, IaaS Cloud providers &	09:30 am to 04:00 pm	6 hours
6	20-11-2021	offerings Study of IOT Cloud platforms ThingSpeak API and MQTT Interfacing ESP8266	09:30 am to 04:00 pm	6 hours
Total -36 Hours				

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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	Building Internet of Things Applications with Aurdino	BREAK	Building Internet of Things Applications with Aurdino	LUNCH	Building Internet of Things Applications with Aurdino	BREAK	Building Internet of Things Applications with Aurdino
TUE							
WED							
THU							
FRI							
SAT							

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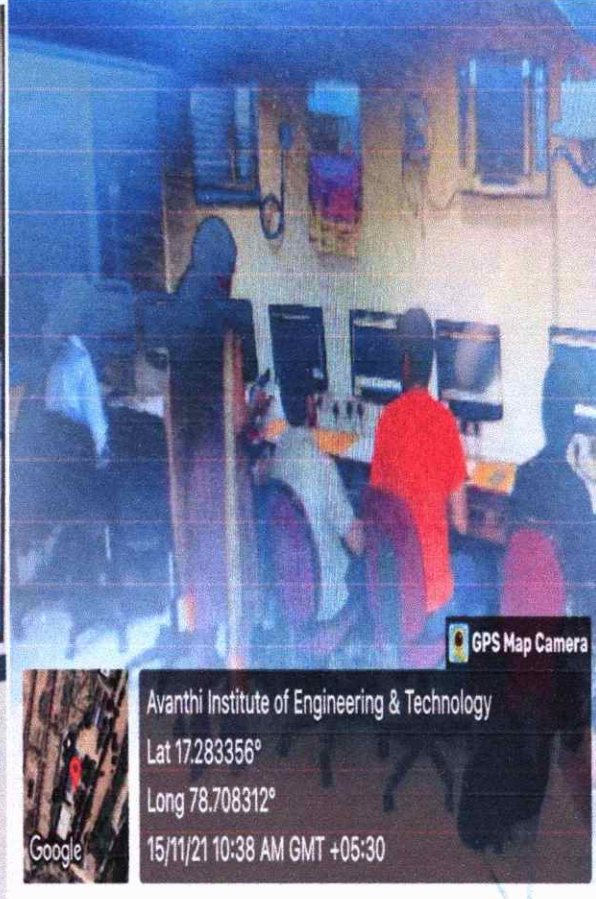
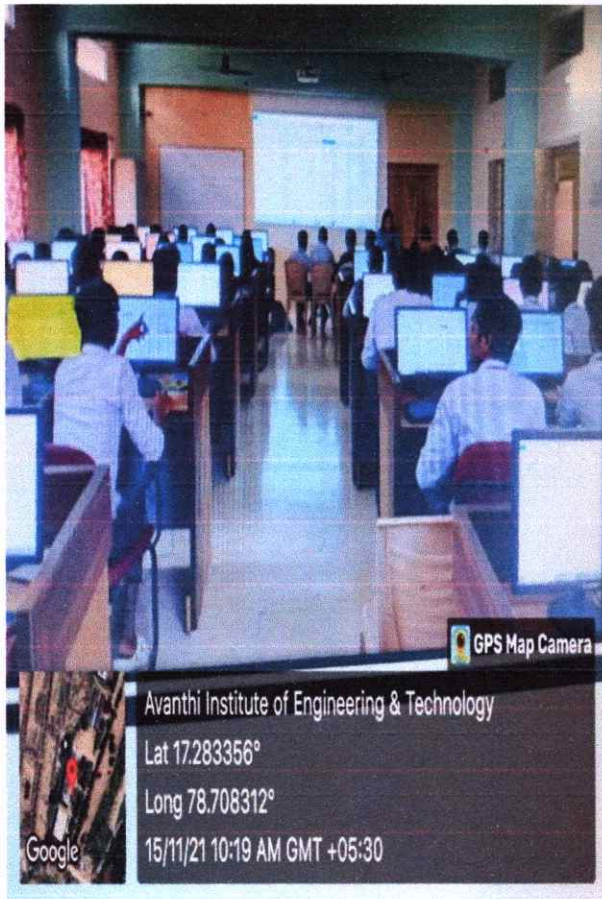
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The Students of II Year B.Tech Certificate Program attending "Building Internet of Things Applications with Aurdino" by Resource person "Dr.M.Prasad, Professor by ST Mary's Engineering College

S. Vasantha
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CO ORDINATOR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **BUILDING INTERNET OF THINGS**

APPLICATIONS WITH AURDINO

II YEAR I-SEM

Enrolled Students List

Date: 15-11-2021 to 20-11-2021

S.No	Roll Number	Name of The Student
1	20Q61A0531	Kota Pavani
2	20Q61A0532	Kunati Srikanth Reddy
3	20Q61A0533	Kuntala Shiva
4	20Q61A0534	Kurapati Yaswanth
5	20Q61A0535	Laxmannagari Gopika
6	20Q61A0536	Machkuri Vittal
7	20Q61A0537	Manukonda Kavya Sree
8	20Q61A0538	Mittapelly Raviteja
9	20Q61A0539	Moddu Sakshith Reddy
10	20Q61A0540	Mohammed Mudabbir
11	20Q61A0541	Mukka Shashank
12	20Q61A0542	Nalla Yashwanth Reddy
13	20Q61A0543	Akash Dhapte
14	20Q61A0544	Anthati Mahesh
15	20Q61A0545	Atmakur Narayana Saketh
16	20Q61A0546	B Sarvari Bharadwaj
17	20Q61A0547	Bandi Chandana Goud
18	20Q61A0548	Botuka Siddartha
19	20Q61A0549	Bushipaka Karthik
20	20Q61A0550	Shetkar Harshitha Patil
21	20Q61A0551	Chinreddy Rakesh Reddy
22	20Q61A0552	Dosai Revanth
23	20Q61A0553	Etikala Upendar Reddy
24	20Q61A0554	G V Bhavana
25	20Q61A0555	Gaddam Krishnateja
26	20Q61A0556	Janagari Srithan Reddy
27	20Q61A0557	Kethireddy Harshitha
28	20Q61A0558	Kompelli Jalandhar
29	20Q61A0559	Kongari Sharath Chandra
30	20Q61A0560	Kotha Likith Sai Reddy

S. Vasantha

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[Signature]
HOD

Head of the Department
Computer Science & Engineering
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILDING INTERNET OF THINGS

APPLICATIONS WITH AUARDINO

II YEAR I-SEM

A.Y 2021-2022

Date: 10-11-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	15.11.21	16.11.21	17.11.21	18.11.21	19.11.21	20.11.21
1	20Q61A0531	Kota Pavani	P	P	P	P	P	P
2	20Q61A0532	Kunati Srikanth Reddy	P	P	P	P	P	P
3	20Q61A0533	Kuntala Shiva	P	P	P	P	P	P
4	20Q61A0534	Kurapati Yaswanth	P	P	P	P	P	P
5	20Q61A0535	Laxmannagari Gopika	P	P	P	P	P	P
6	20Q61A0536	Machkuri Vittal	P	P	P	P	P	P
7	20Q61A0537	Manukonda Kavya Sree	P	P	P	P	P	P
8	20Q61A0538	Mittapelly Raviteja	P	P	P	P	P	P
9	20Q61A0539	Moddu Sakshith Reddy	P	P	P	A	P	P
10	20Q61A0540	Mohammed Mudabbir	P	P	P	P	P	P
11	20Q61A0541	Mukka Shashank	P	P	P	P	P	P
12	20Q61A0542	Nalla Yashwanth Reddy	P	P	P	P	P	P
13	20Q61A0543	Akash Dhapte	P	P	P	P	P	P
14	20Q61A0544	Anthati Mahesh	P	P	P	P	P	P
15	20Q61A0545	Atmakur Narayana Saketh	P	P	P	P	P	P
16	20Q61A0546	B Sarvari Bharadwaj	P	P	P	P	P	P
17	20Q61A0547	Bandi Chandana Goud	P	P	P	P	P	P
18	20Q61A0548	Botuka Siddartha	P	P	P	P	P	P
19	20Q61A0549	Bushipaka Karthik	P	P	P	P	P	P
20	20Q61A0550	Shetkar Harshitha Patil	A	A	A	A	A	A
21	20Q61A0551	Chinreddy Rakesh Reddy	P	P	P	P	P	P
22	20Q61A0552	Dosai Revanth	P	P	P	P	P	P
23	20Q61A0553	Etikala Upendar Reddy	P	A	P	P	P	P
24	20Q61A0554	G V Bhavana	P	P	P	P	P	P
25	20Q61A0555	Gaddam Krishnateja	P	P	P	P	P	P
26	20Q61A0556	Janagari Srithan Reddy	P	P	P	P	P	P
27	20Q61A0557	Kethireddy Harshitha	P	P	P	P	P	P
28	20Q61A0558	Kompelli Jalandhar	P	P	P	P	P	P
29	20Q61A0559	Kongari Sharath Chandra	P	P	P	P	P	P
30	20Q61A0560	Kotha Likith Sai Reddy	P	P	P	P	P	P

S. Vasantha

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILDING INTERNET OF THINGS APPLICATIONS WITH AURDINO

II YEAR I-SEM


A.Y 2021-2022

Date: 15-11-2021 to 20-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0531	Kota Pavani	36	100
2	20Q61A0532	Kunati Srikanth Reddy	36	100
3	20Q61A0533	Kuntala Shiva	36	100
4	20Q61A0534	Kurapati Yaswanth	36	100
5	20Q61A0535	Laxmannagari Gopika	36	100
6	20Q61A0536	Machkuri Vittal	36	100
7	20Q61A0537	Manukonda Kavya Sree	36	100
8	20Q61A0538	Mittapelly Raviteja	36	100
9	20Q61A0539	Moddu Sakshith Reddy	30	83.3
10	20Q61A0540	Mohammed Mudabbir	36	100
11	20Q61A0541	Mukka Shashank	36	100
12	20Q61A0542	Nalla Yashwanth Reddy	36	100
13	20Q61A0543	Akash Dhapte	36	100
14	20Q61A0544	Anthati Mahesh	36	100
15	20Q61A0545	Atmakur Narayana Saketh	36	100
16	20Q61A0546	B Sarvari Bharadwaj	36	100
17	20Q61A0547	Bandi Chandana Goud	36	100
18	20Q61A0548	Botuka Siddartha	36	100
19	20Q61A0549	Bushipaka Karthik	36	100
20	20Q61A0550	Shetkar Harshitha Patil	0	0
21	20Q61A0551	Chinreddy Rakesh Reddy	36	100
22	20Q61A0552	Dosai Revanth	36	100
23	20Q61A0553	Etikala Upendar Reddy	30	83.3
24	20Q61A0554	G V Bhavana	36	100
25	20Q61A0555	Gaddam Krishnateja	36	100
26	20Q61A0556	Janagari Srithan Reddy	36	100
27	20Q61A0557	Kethireddy Harshitha	36	100
28	20Q61A0558	Kompelli Jalandhar	36	100
29	20Q61A0559	Kongari Sharath Chandra	36	100
30	20Q61A0560	Kotha Likith Sai Reddy	36	100

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HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 25-11-2021

PROGRAM REPORT

Name of Value Added Course: Building Internet of Things Applications with Aurdino

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Dr.M.Prasad, Professor, Subject Expert, ST Mary's Engineering College

Name of the Coordinator: Mrs.S.Vasantha, Assistant Professor.

Number of the Participants: 29

Topics covered: The following topics covered in this program

- Introduction to Iot.
- Arduino Simulation Environment.
- Sensor And Actuators With Arduino
- Basic Networking With Esp8266 Wifi Module
- Cloud Platforms for IOT.

S.Vasantha

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HOD

Head of the Department

Computer Science & Engineering

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.VITTAL** Bearing roll number **20Q61A0536** from the department of **Computer Science and Engineering** completed the value added course on "**BUILDING INTERNET OF THINGS APPLICATIONS WITH AURDINO**" During the year **2021-22**.


Head of the Department

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


s.vasantha

Co-Ordinator

Avanthi Institute of Engineering & Technol
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 Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.KRISHNA TEJA** Bearing roll number **20Q61A0555**
from the department of **Computer Science and Engineering** completed the value added
course on "**BUILDING INTERNET OF THINGS APPLICATIONS WITH AURDINO**"
During the year **2021-22**.


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


Co-ordinator
Avanathi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.


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

AVIH/CSE/AOC/2021-22/I/05

Date: 26-11-2021

CIRCULAR

This is to inform all the II B.Tech CSM students that the Department organizing a value added course on "Chatbot Integration with Messaging Platforms". Department Advisory Committee has been identified **Dr.SH.Ahmed Khan, Assistant Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 29-11-2021 to 04-12-2021. 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
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice board

II-I B. Tech CSM students

Dept. file


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ABOUT THE COURSE

The add-on course "Chatbot Integration with Messaging Platforms" is designed for second-year second-semester AI&ML students at VMTW college. The course focuses on teaching students how to integrate chatbots with popular messaging platforms such as Facebook Messenger, Slack, and WhatsApp.

The course covers key topics such as chatbot architecture, messaging platform APIs, chatbot design and development, testing and deployment, and chatbot performance optimization. Students will also learn how to analyze chatbot data to identify areas for improvement and how to implement changes to optimize chatbot performance.

COURSE OBJECTIVES

The objective of the add-on course "Chatbot Integration with Messaging Platforms" for second-year second-semester AI&ML students at VMTW college is to provide students with the knowledge and skills needed to integrate chatbots with messaging platforms. The specific objectives are as follows:

1. To familiarize students with the concept of chatbots and their integration with messaging platforms.
2. To teach students about the architecture of chatbots and how they interact with messaging platforms.
3. To provide students with hands-on experience in designing, developing, and testing chatbots for popular messaging platforms.
4. To equip students with the knowledge needed to analyze chatbot data and make improvements to optimize chatbot performance.
5. To expose students to real-world scenarios and case studies, giving them a deeper understanding of the challenges and opportunities in this field.
6. To develop students' critical thinking and problem-solving skills by challenging them to solve complex chatbot integration issues.
7. To prepare students for careers in the field of chatbot integration with messaging platforms, either as developers, Consultants, or in other roles.

Overall, the course aims to equip students with the knowledge and skills they need to become experts in chatbot integration with messaging platforms and to succeed in the rapidly growing field of chatbots and messaging platforms


PRINCIPAL LAST DATE FOR REGISTRATION: 25th NOV, 2021
Avanthi Institute of Engg. & Tech
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EXPECTED OUTCOMES

Upon completion of the course, students can expect to have achieved the following outcomes:

1. A solid understanding of chatbot architecture and the interactions between chatbots and messaging platforms.
2. The ability to design, develop, and test chatbots for popular messaging platforms.
3. Knowledge of how to analyze chatbot data and make improvements to optimize chatbot performance.
4. Experience in solving complex chatbot integration issues through hands-on projects and case studies.
5. Exposure to real-world scenarios and a deeper understanding of the challenges and opportunities in the field of chatbot integration with messaging platforms.
6. Improved critical thinking and problem-solving skills.
7. A foundation for future career growth and opportunities in the field of chatbots and messaging platforms.

Overall, the expected outcome of the add-on course "Chatbot Integration with Messaging Platforms" is for students to gain the knowledge and skills they need to succeed in the rapidly growing field of chatbots and messaging platforms and to be prepared for careers as chatbot developers, consultants, or in other related roles.

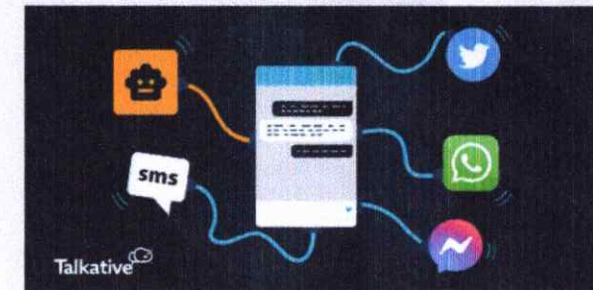
Resource Person
Dr.SH.Ahmed Khan,
Assistant Professor
Department of CSE

Co-ordinator
Mrs.B.Shailaja,
Assistant Professor
Department of CSE



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ADD-ON COURSE ON "CHATBOT INTEGRATION WITH MESSAGING PLATFORMS"

29th NOV to 04th DEC,2021

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: CHATBOT INTEGRATION WITH MESSAGING PLATFORMS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH II YEAR-I SEM CSM

Course Objectives:

- Learn how artificial intelligence powers chatbots, get an overview of the bot ecosystem
- Identify best practices for defining a chatbot use case, and use a rapid prototyping.
- Develop an in-depth understanding of conversation design, including on boarding.
- Design, build, test, and iterate a fully-functional, interactive chatbot using a Commercial platform.
- Deploy their finished chatbot for public use and interaction.

UNIT 1: Exploring Chatbots, Use Cases, and Landbot.io: Introduction Defining Chatbots
Lecture Whole Foods Chatbot Case Study Chatbot Architecture and Artificial Intelligence
Lecture Getting Started with Landbot.io Activity Brainstorm Your Bot.

UNIT 2: Conversational Design and Chatbot Development: Introduction Conversational
Design Lecture and Discussion Conversational Flow Lecture and Assignment Conversational
Diagrams Lecture and Wizard of Oz Activity Custom Chatbot Development.

UNIT 3: Advanced Chatbot Development: Introduction Chatbot Personality Lecture and
Discussion Advanced Lanbot.io Configuration Activity Chatbot Logical Operators Activity
Sentiment Analysis Activity Custom Chatbot Development.

UNIT 4 Chatbot Testing and Iteration: Introduction Error Handling Lecture User Testing
Lecture and Activity Chatbot Modification and Implementation.

REFERENCE BOOKS:

1. About. DBpedia. (n.d.). <https://wiki.dbpedia.org/about>.
2. Ada: Your health companion (2020) Ada. website: <https://ada.com/>.
3. Adamopoulou E., Moussiades L. (2020) "An Overview of Chatbot Technology". In:
4. Adamopoulou, E., & Moussiades, L. (2020, November 9). Chatbots: History, technology, and applications.
5. Adiwardana, D., Luong, M.-T., So, D. R., Hall, J., Fiedel, N., Thoppilan, R.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **CHATBOT INTEGRATION WITH MESSAGING PLATFORMS**

ACADEMIC YEAR 2021-22

Date: 26-11-2021

B.TECH II YEAR-I SEM CSM

DAY WISE SCHEDULE SHEET


Sl. No	DAY	Topic	Timings	Duration
1	29-11-2021	Introduction Defining Chatbots Lecture Whole Foods Chatbot Case Study Chatbot Architecture	09:30 am to 04:00 pm	6 hour
2	30-11-2021	Introduction Conversational Design Lecture and Discussion Conversational Flow Lecture	09:30 am to 04:00 pm	6 hour
3	01-12-2021	Conversational Diagrams Lecture and Wizard of Oz Activity Custom Chatbot Development.	09:30 am to 04:00 pm	6 hour
4	02-12-2021	Introduction Chatbot Personality Lecture and Discussion Advanced Lanbot.io Configuration Activity	09:30 am to 04:00 pm	6 hour
5	03-12-2021	Chatbot Logical Operators Activity Sentiment Analysis Activity Custom Chatbot Development	09:30 am to 04:00 pm	6 hour
6	04-12-2021	Introduction Error Handling Lecture User Testing Lecture and Activity Chatbot Modification and Implementation	09:30 am to 04:00 pm	6 hour
Total -36 Hours				


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II YEAR-I 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	Chatbot Integration with Messaging Platforms	BREAK	Chatbot Integration with Messaging Platforms"	LUNCH	Chatbot Integration with Messaging Platforms	BREAK	Chatbot Integration with Messaging Platforms
TUE							
WED							
THU							
FRI							
SAT							

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Gunthapally (VIII), Abdullapur Met (Mdi),
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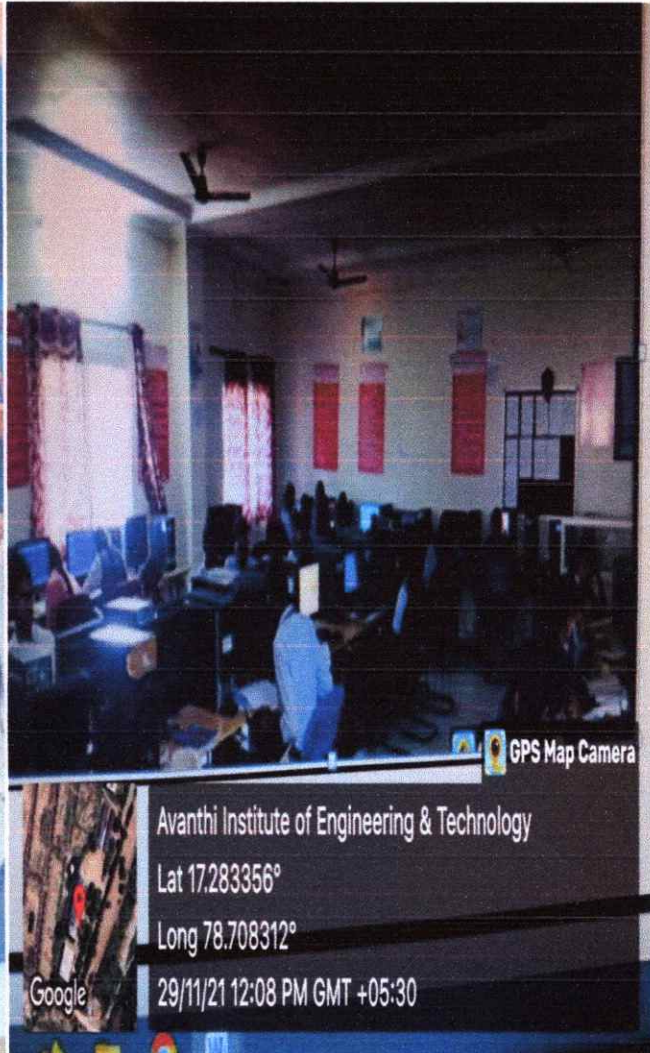
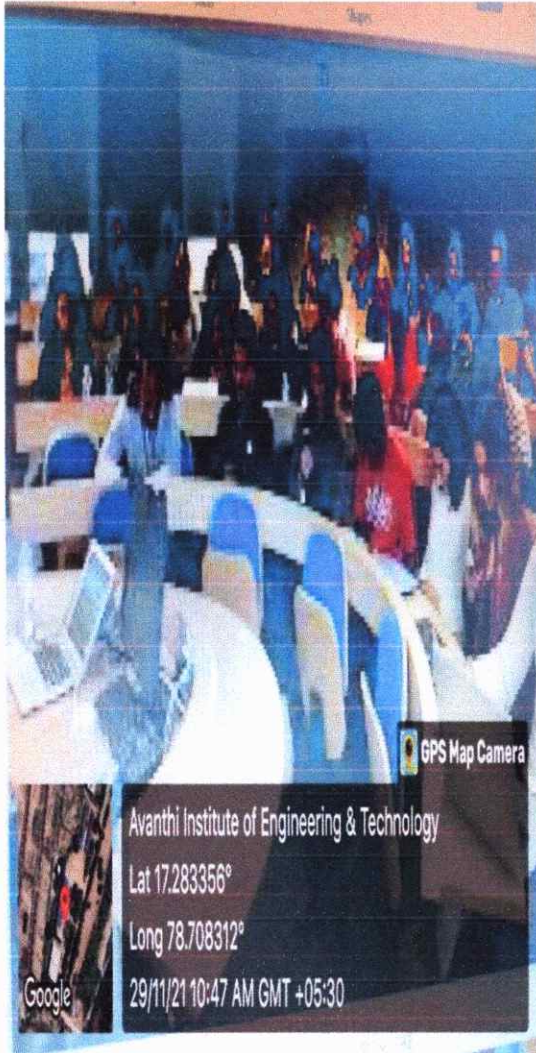
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The Students of II-Year B.Tech certificate program attending "Chatbot Integration with Messaging Platforms" by the Resource Person "Dr.SH.Ahmed Khan", Assistant Professor.


COORDINATOR

CO ORDINATOR
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: CHATBOT INTEGRATION WITH MESSAGING PLATFORMS

II YEAR I-SEM CSM ENROLLED STUDENTS LIST Date: 29-11-2021 to 04-12-2021

S.No	Roll Number	Name of The Student
1	20Q61A6601	Amgoth Pushpalatha
2	20Q61A6602	Balagoni Anil Goud
3	20Q61A6603	Bheemidi Ruthvik Reddy
4	20Q61A6604	Durgam Swamy
5	20Q61A6605	G Diwakar
6	20Q61A6606	Ganure Dinesh
7	20Q61A6607	Jella Priyanka
8	20Q61A6608	Kalali Vinesh Goud
9	20Q61A6609	Karakatla Vyshnavi
10	20Q61A6610	Kavali Madhu
11	20Q61A6611	Lakavath Shirisha
12	20Q61A6612	Lolam Sri Hari
13	20Q61A6613	Mohammed Uman
14	20Q61A6614	Nelavalli Dinesh Chowdary
15	20Q61A6615	Parsha Vamshi Krishna
16	20Q61A6616	Parupally Girija
17	20Q61A6617	Sapavath Lokesh
18	20Q61A6618	Sharma Meenakshi
19	20Q61A6619	Suryadevara Ujwala
20	20Q61A6620	Venkaiahgari Vinay
21	20Q61A6621	Yelpula Sai Teja
22	20Q61A6622	Bhagath Vamshi
23	20Q61A6623	Chinthakindi Murari
24	20Q61A6624	Duddukuri Sandeep
25	20Q61A6625	Goshika Shiva Krishna
26	20Q61A6626	Katepally Saikumar
27	20Q61A6627	Koppiseti Joshna Satwika
28	20Q61A6628	Oddhi Vignesh
29	20Q61A6629	Padamati Karthik Reddy
30	20Q61A6630	Sanku Vaishnavi
31	20Q61A6631	Sunkoju Harini
32	20Q61A6632	Veeramalla Ramu



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33	20Q61A6633	Balu Reddi Prakash
34	21Q65A6601	B Mahender
35	21Q65A6602	Bodige Pooja
36	21Q65A6603	Katroth Vignesh Nayak
37	21Q65A6604	Somala Likhitha

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Gunthapally (VIII), Abdullapur Met (Mdl),
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: CHATBOT INTEGRATION WITH MESSAGING PLATFORMS

II YEAR I-SEM CSM

A.Y 2021-2022

Date: 26-11-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	29.11.21	30.11.21	01.12.21	02.12.21	03.12.21	04.12.21
1	20Q61A6601	Amgoth Pushpalatha	P	P	P	P	P	P
2	20Q61A6602	Balagoni Anil Goud	P	P	P	P	P	P
3	20Q61A6603	Bheemidi Ruthvik Reddy	P	P	P	P	P	P
4	20Q61A6604	Durgam Swamy	P	P	P	P	P	P
5	20Q61A6605	G Diwakar	P	P	P	P	P	P
6	20Q61A6606	Ganure Dinesh	P	P	P	P	P	P
7	20Q61A6607	Jella Priyanka	P	P	P	P	P	P
8	20Q61A6608	Kalali Vinesh Goud	P	P	P	P	P	P
9	20Q61A6609	Karakatla Vyshnavi	P	P	P	P	P	P
10	20Q61A6610	Kavali Madhu	P	P	P	P	P	P
11	20Q61A6611	Lakavath Shirisha	A	A	A	A	A	A
12	20Q61A6612	Lolam Sri Hari	P	P	P	P	P	P
13	20Q61A6613	Mohammed Uman	P	P	P	P	P	P
14	20Q61A6614	Nelavalli Dinesh Chowdary	P	P	P	P	P	P
15	20Q61A6615	Parsha Vamshi Krishna	P	P	P	P	P	P
16	20Q61A6616	Parupally Girija	A	A	A	A	A	A
17	20Q61A6617	Sapavath Lokesh	P	P	P	P	P	P
18	20Q61A6618	Sharma Meenakshi	P	P	P	P	P	P
19	20Q61A6619	Suryadevara Ujwala	P	P	P	P	P	P
20	20Q61A6620	Venkaiahgari Vinay	P	P	P	P	P	P
21	20Q61A6621	Yelpula Sai Teja	P	P	A	P	P	P
22	20Q61A6622	Bhagath Vamshi	P	P	P	P	P	P
23	20Q61A6623	Chinthakindi Murari	P	P	P	P	P	P
24	20Q61A6624	Duddukuri Sandeep	P	P	P	P	P	P
25	20Q61A6625	Goshika Shiva Krishna	P	P	P	P	P	P
26	20Q61A6626	Katepally Saikumar	P	P	P	P	P	P
27	20Q61A6627	Koppiseti Joshna Satwika	P	P	P	P	P	P
28	20Q61A6628	Oddhi Vignesh	A	P	P	P	P	P
29	20Q61A6629	Padamati Karthik Reddy	P	P	P	P	P	P
30	20Q61A6630	Sanku Vaishnavi	P	P	P	P	P	P



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31	20Q61A6631	Sunkoju Harini	P	P	P	P	P	P
32	20Q61A6632	Veeramalla Ramu	P	P	P	P	P	P
33	20Q61A6633	Balu Reddi Prakash	P	P	P	P	P	P
34	21Q65A6601	B Mahender	P	P	P	A	P	P
35	21Q65A6602	Bodige Pooja	P	P	P	P	P	P
36	21Q65A6603	Katroth Vignesh Nayak	P	A	P	P	P	P
37	21Q65A6604	Somala Likhitha	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: CHATBOT INTEGRATION WITH MESSAGING PLATFORMS

II YEAR I-SEM CSM

A.Y 2021-2022

Date: 29-11-2021 to 04-12-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A6601	Amgoth Pushpalatha	36	100
2	20Q61A6602	Balagoni Anil Goud	36	100
3	20Q61A6603	Bheemidi Ruthvik Reddy	36	100
4	20Q61A6604	Durgam Swamy	36	100
5	20Q61A6605	G Diwakar	36	100
6	20Q61A6606	Ganure Dinesh	36	100
7	20Q61A6607	Jella Priyanka	36	100
8	20Q61A6608	Kalali Vinesh Goud	36	100
9	20Q61A6609	Karakatla Vyshnavi	36	100
10	20Q61A6610	Kavali Madhu	36	100
11	20Q61A6611	Lakavath Shirisha	0	0
12	20Q61A6612	Lolam Sri Hari	36	100
13	20Q61A6613	Mohammed Uman	36	100
14	20Q61A6614	Nelavalli Dinesh Chowdary	36	100
15	20Q61A6615	Parsha Vamshi Krishna	36	100
16	20Q61A6616	Parupally Girija	0	0
17	20Q61A6617	Sapavath Lokesh	36	100
18	20Q61A6618	Sharma Meenakshi	36	100
19	20Q61A6619	Suryadevara Ujwala	36	100
20	20Q61A6620	Venkaiahgari Vinay	36	100
21	20Q61A6621	Yelpula Sai Teja	30	83.3
22	20Q61A6622	Bhagath Vamshi	36	100
23	20Q61A6623	Chinthakindi Murari	36	100
24	20Q61A6624	Duddukuri Sandeep	36	100
25	20Q61A6625	Goshika Shiva Krishna	36	100
26	20Q61A6626	Katepally Saikumar	36	100
27	20Q61A6627	Koppiseti Joshna Satwika	36	100
28	20Q61A6628	Oddhi Vignesh	30	83.3
29	20Q61A6629	Padamati Karthik Reddy	36	100
30	20Q61A6630	Sanku Vaishnavi	36	100



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31	20Q61A6631	Sunkoju Harini	36	100
32	20Q61A6632	Veeramalla Ramu	36	100
33	20Q61A6633	Balu Reddi Prakash	36	100
34	21Q65A6601	B Mahender	30	83.3
35	21Q65A6602	Bodige Pooja	36	100
36	21Q65A6603	Katroth Vignesh Nayak	30	83.3
37	21Q65A6604	Somala Likhitha	36	100

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HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-12-2021

PROGRAM REPORT

Name Of the Value Added Course: Chatbot integration with messaging platforms

Day/Duration: 36 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.SH.Ahmed Khan, Assistant Professor.

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

Number of the Participants: 35

Topics covered: The following topics covered in this program

- Exploring Chatbots, Use Cases, and Landbot.io.
- Conversational Design and Chatbot Development.
- Analysis Activity Custom Chatbot Development
- Advanced Chatbot Development
- Chatbot Testing and Iteration.

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **J.PRIYANKA** Bearing roll number **20Q61A6607** from the department of **Computer Science and Engineering** completed the value added course on "**CHATBOT INTEGRATION WITH MESSAGING PLATFORMS**" During the year **2021-22**.

Head of the Department
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **L.SRIHARI** Bearing roll number **20Q61A6612** from the department of **Computer Science and Engineering** completed the value added course on "**CHATBOT INTEGRATION WITH MESSAGING PLATFORMS**" During the year **2021-22**.


Head of the Department
Head of The Department

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Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.



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CO ORDINATOR

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Principal

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/II/06

Date: 24-01-2022

CIRCULAR

This is to inform all the II B.Tech CSE students that the Department organizing a value added course on "**Advanced problem solving Techniques using C Programming**". Department Advisory Committee has been identified **Dr.SH.Shakeerbasha, Assistant Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 31-01-2022 to 05-02-2022. 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
Gunthapally (VIII), 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

Problem-Solving is a scientific technique to discover and implement the answer to a problem. The computer is the symbol-manipulating device that follows a set of commands known as the program. The problem that we want to solve can come from any real-world problem or perhaps even from the abstract world. We need to have a standard systematic approach to problem-solving through programming in C.

This course is aimed at enabling the students to formulate simple algorithms for arithmetic and logical problems, translate the algorithms to programs (in C language), test and execute the programs and correct syntax and logical errors. Implement conditional branching, iteration and recursion, decompose a problem into functions and synthesize a complete program using divide and conquer approach, use arrays, pointers and structures to formulate algorithms and programs, apply programming to solve matrix addition and multiplication problems and searching and sorting problems, apply programming to solve simple numerical method problems, namely root finding of function, differentiation of function and simple integration. This course covers: Introduction to Problem Solving through programs, Flowcharts/Pseudo codes, the compilation process, Syntax and Semantic errors, Variables and Data Types, Arithmetic expressions, Relational Operations. Logical expressions; Introduction to Conditional Branching. Functions and Parameter Passing by Value, Passing Arrays to Functions, Call by Reference, Recursion, Structures and Pointers, Self-Referential Structures and Introduction to Lists.

COURSE OBJECTIVES

This course focuses on utilizing decision-making and branching concepts to derive solutions for given problems. It covers the effective use of inbuilt functions for input and output operations, implementation of arrays, problem-solving with pointers, efficient file handling, and data structure utilization for problem solving. Topics include structures, unions, stacks, queues, linked lists, trees.

graphs, and algorithm creation, along with their travel and representation. The course aims to develop problem-solving abilities and analytical skills for real-life scenarios, prepare students for the software industry, foster research and development knowledge in computer science, and cultivate successful careers and entrepreneurship in the field. It also emphasizes algorithm formulation, pseudocode and flowchart creation, structured programming, and fundamental programming concepts using the 'C' language.

EXPECTED OUTCOMES

After completing this course, you will be able to write efficient algorithms to solve various problems. Understand and use various constructs of the programming language such as conditionals, iteration, and recursion. Implement your algorithms to build programs in the C programming language. Use data structures like arrays, linked lists, and stacks to solve various problems. Understand and use file handling in the C programming language. To understand the various steps in program development. To understand the basic programming language. To learn how to write more readable C programs. To structured programming approach in C to solve problems. You will master the basic knowledge on hypothesis-based problem solving that will let you proceed to more advanced courses on solving business problems.

Resource Person
Dr.Shakeerbasha
Assistant Professor
Department of CSE

Co-ordinator
Mr.A.Ramakanth
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:30th JAN,2022



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ADD-ON COURSE ON

**“ADVANCED PROBLEM-SOLVING
TECHNIQUES USING C
PROGRAMMING”**

31st JAN to 05th FEB,2022

Duration of the course:36 HRS

ORGANIZED BY :
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**



SAR
PRINCIPAL
Avanthi Institute of Engg. & Tech
Muntihapally (V). Abdullapurmet (M) K.R. Road



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH II YEAR-I SEM

Course Objectives:

- Derive solutions for the given problems using decision making and branching concepts.
- Utilize the best of the inbuilt functions for various input and output operations.
- Implement the concept of arrays.
- Implement problem solving skills using pointer concept of the programming languages.

Course outcomes:

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

- To develop problem solving abilities using a computer.
- To build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
- To train students in professional skills related to Software Industry.
- To understand structured programming approach.
- To develop the basic concepts and terminology of programming in general.

UNIT 1: Procedure (Steps Involved in Problem Solving): Understanding the problem, Analyzing the problem, Algorithm, Flowchart, Symbols used in Flow-Charts, Pseudo code.

UNIT 2: Objectives: Features of C language, Character Set, Structure of a 'C' Program, Data Types in 'C', Operators, Expressions, Assignment Statement, Control Structure (if, If-else, for, while, do-while).

UNIT 3: Functions: Functions, The Return Statement, Differences between Function and Procedures, Advantages of Function, Advanced Features of Functions, Recursion.

UNIT 4: Arrays in 'C': Definition of Array, Initialization of Array, Declaration of Array, Two - Dimensional Array, Declare, Initialize Array of Char Type, String Handling Functions in 'C'.

UNIT 5: Structures in 'C': Definition of Structure, Structure Declaration, Structures and Arrays, Structure Contains Pointers, Unions, Definition of Union.



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TEXT BOOK:

- 1 SOMASHEKARA, M. T., GURU, D. S., MANJUNATHA, K. S. This self-readable and student-friendly text provides a strong programming foundation to solve problems with C language through its well-supported structured programming methodology.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE NAME: ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING

ACADEMIC YEAR 2021-22

Date: 24-01-2022

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	31-01-2022	Understanding the problem, Analyzing the problem, Algorithm, Flowchart, Symbols used in Flow-Charts	09:30 am to 04:00 pm	6 hours
2	01-02-2022	Features of C language, Character Set, Structure of a 'C' Program, Data Types in 'C'	09:30 am to 04:00 pm	6 hours
3	02-02-2022	Functions, The Return Statement, Differences between Function and Procedures, Advantages of Function, Advanced Features of Functions	09:30 am to 04:00 pm	6 hours
4	03-02-2022	Definition of Array, Initialization of Array, Declaration of Array, Two - Dimensional Array, Declare, Initialize Array of Char Type, String	09:30 am to 04:00 pm	6 hours
5	04-02-2022	Definition of Structure, Structure Declaration,	09:30 am to 04:00 pm	6 hours
6	05-02-2022	Structures and Arrays, Structure Contains Pointers, Unions, Definition of Union	09:30 am to 04:00 pm	6 hours
Total -36 Hours				

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Head of the Department
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Avanathi 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	Advanced problem solving Techniques using C Programming	BREAK	Advanced problem solving Techniques using C Programming	LUNCH	Advanced problem solving Techniques using C Programming	BREAK	Advanced problem solving Techniques using C Programming
TUE							
WED							
THU							
FRI							
SAT							

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Ranga Reddy District.



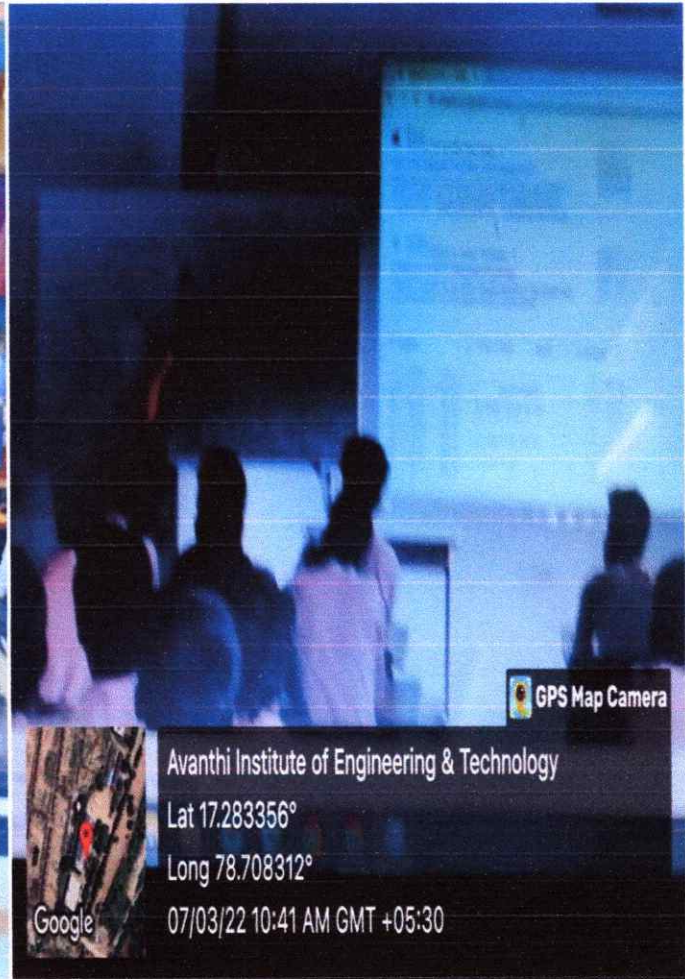
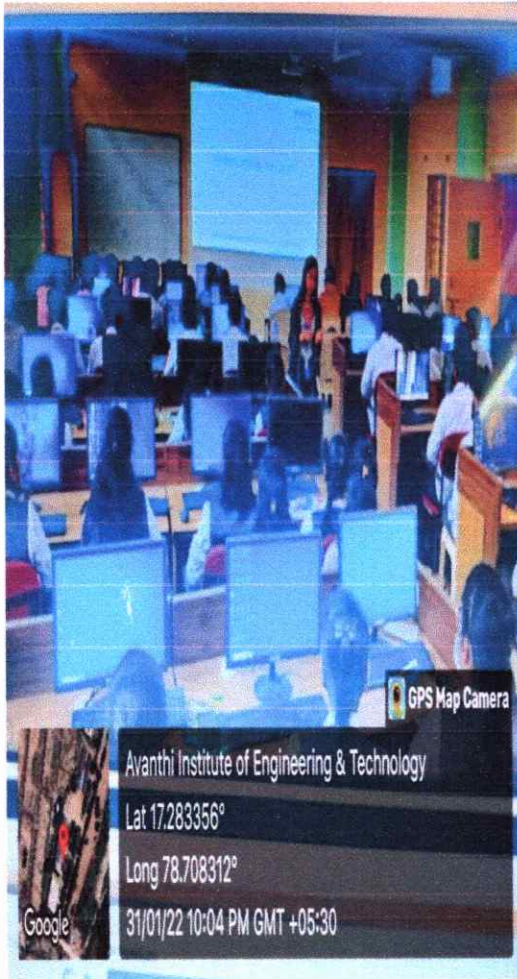
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The Students of II-Year B.Tech Certificate program attending "Advanced Problem Solving Techniques using C Programming" by Resource Person "Dr.SH.ShakeerBasha, Assistant Professor".


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HOD

Head of the Department
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 31-01-2022 to 05-02-2022

S.No	Roll Number	Name of The Student
1	20Q61A0561	Naluparaju Mahesh
2	20Q61A0562	Nelli Varshitha
3	20Q61A0563	Pandla Madhu Kumar
4	20Q61A0564	Peddinti Sai Krishna
5	20Q61A0565	Pothula Varsha
6	20Q61A0566	Puttapati Shashi Kumar Reddy
7	20Q61A0567	Ramagiri Nithin Rao
8	20Q61A0568	Ramavath Pavan Naik
9	20Q61A0569	Rathod Ameen
10	20Q61A0570	Ravella Anuja
11	20Q61A0571	S Rajesh Gupta
12	20Q61A0572	Sai Vivek Matte
13	20Q61A0573	Shende Harikrishna
14	20Q61A0574	Shiva Kumar Vanam
15	20Q61A0575	Sourav Shukla
16	20Q61A0576	Suryawanshi Sachin
17	20Q61A0577	Syed Musharraf Uddin
18	20Q61A0578	T Narsimulu
19	20Q61A0579	Thirumala Nagaraju
20	20Q61A0580	Thota Lohitha
21	20Q61A0581	Tirumala Abhiramachary
22	20Q61A0582	Tirumareddy Ajitesh Reddy
23	20Q61A0583	Tudimilla Sravanthi
24	20Q61A0584	Utkam Sahasra
25	20Q61A0585	Vadlakonda Manideep
26	20Q61A0586	Vavilapalli Bhuvanesh
27	20Q61A0587	Velpula Rajesh
28	20Q61A0588	Lankela Uday Kiran Reddy
29	20Q61A0589	Madireddy Ajay Reddy
30	20Q61A0590	Mahammad Shennu

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING

II YEAR I-SEM

A.Y 2021-2022

Date: 24-01-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	31.01.22	01.02.22	02.02.22	03.02.22	04.02.22	05.02.22
1	20Q61A0561	Naluparaju Mahesh	P	P	P	P	P	P
2	20Q61A0562	Nelli Varshitha	P	P	P	P	P	P
3	20Q61A0563	Pandla Madhu Kumar	P	P	P	P	P	P
4	20Q61A0564	Peddinti Sai Krishna	P	P	P	P	P	P
5	20Q61A0565	Pothula Varsha	P	P	P	P	P	P
6	20Q61A0566	Puttapati Shashi Kumar Reddy	A	A	A	A	A	A
7	20Q61A0567	Ramagiri Nithin Rao	P	P	P	P	P	P
8	20Q61A0568	Ramavath Pavan Naik	P	P	P	P	P	P
9	20Q61A0569	Rathod Ameen	P	P	P	P	P	P
10	20Q61A0570	Ravella Anuja	P	P	P	P	P	P
11	20Q61A0571	S Rajesh Gupta	P	P	P	P	P	P
12	20Q61A0572	Sai Vivek Matte	P	P	P	P	P	P
13	20Q61A0573	Shende Harikrishna	P	P	P	A	P	P
14	20Q61A0574	Shiva Kumar Vanam	P	P	P	P	P	P
15	20Q61A0575	Sourav Shukla	P	P	P	P	P	P
16	20Q61A0576	Suryawanshi Sachin	P	P	P	P	P	P
17	20Q61A0577	Syed Musharraf Uddin	P	P	P	P	P	P
18	20Q61A0578	T Narsimulu	P	P	P	P	P	P
19	20Q61A0579	Thirumala Nagaraju	P	P	P	P	P	P
20	20Q61A0580	Thota Lohitha	P	P	P	P	P	P
21	20Q61A0581	Tirumala Abhiramachary	A	P	P	P	P	P
22	20Q61A0582	Tirumareddy Ajitesh Reddy	P	P	P	P	P	P
23	20Q61A0583	Tudimilla Sravanthi	P	P	P	P	P	P
24	20Q61A0584	Utkam Sahasra	P	P	P	P	P	P
25	20Q61A0585	Vadlakonda Manideep	P	P	P	P	P	P
26	20Q61A0586	Vavilapalli Bhuvanesh	P	P	P	P	P	P
27	20Q61A0587	Velpula Rajesh	P	P	P	P	P	P
28	20Q61A0588	Lankela Uday Kiran Reddy	P	P	P	P	P	P
29	20Q61A0589	Madireddy Ajay Reddy	P	P	P	P	P	P
30	20Q61A0590	Mahammad Shennu	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING

II YEAR I-SEM

A.Y 2021-2022

Date: 31-01-2022 to 05-02-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0561	Naluparaju Mahesh	36	100
2	20Q61A0562	Nelli Varshitha	36	100
3	20Q61A0563	Pandla Madhu Kumar	36	100
4	20Q61A0564	Peddinti Sai Krishna	36	100
5	20Q61A0565	Pothula Varsha	36	100
6	20Q61A0566	Puttapati Shashi Kumar Reddy	0	0
7	20Q61A0567	Ramagiri Nithin Rao	36	100
8	20Q61A0568	Ramavath Pavan Naik	36	100
9	20Q61A0569	Rathod Ameen	36	100
10	20Q61A0570	Ravella Anuja	36	100
11	20Q61A0571	S Rajesh Gupta	36	100
12	20Q61A0572	Sai Vivek Matte	36	100
13	20Q61A0573	Shende Harikrishna	30	83.3
14	20Q61A0574	Shiva Kumar Vanam	36	100
15	20Q61A0575	Sourav Shukla	36	100
16	20Q61A0576	Suryawanshi Sachin	36	100
17	20Q61A0577	Syed Musharraf Uddin	36	100
18	20Q61A0578	T Narsimulu	36	100
19	20Q61A0579	Thirumala Nagaraju	36	100
20	20Q61A0580	Thota Lohitha	36	100
21	20Q61A0581	Tirumala Abhiramachary	30	83.3
22	20Q61A0582	Tirumareddy Ajitesh Reddy	36	100
23	20Q61A0583	Tudimilla Sravanthi	36	100
24	20Q61A0584	Utkam Sahasra	36	100
25	20Q61A0585	Vadlakonda Manideep	36	100
26	20Q61A0586	Vavilapalli Bhuvanesh	36	100
27	20Q61A0587	Velpula Rajesh	36	100
28	20Q61A0588	Lankela Uday Kiran Reddy	36	100
29	20Q61A0589	Madireddy Ajay Reddy	36	100
30	20Q61A0590	Mahammad Shennu	36	100


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-02-2022

PROGRAM REPORT

Name of the Value Added Course: Advanced problem solving Techniques using C Programming

Day/Duration: 36 Hours

Time: 09: 30 am to 04:00 pm

Resource Person: Dr.SH.Shakeerbasha, Assistant Professor.

Name of the Coordinator: Mr.A.Ramakanth, Assistant Professor.

Number of the Participants: 29

Topics covered: The following topics covered in this program

- Procedure (Steps Involved in Problem Solving.
- Learning Objectives.
- Functions:
- Arrays in 'C'
- Structures in 'C'.

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Head of the Department
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Avanthi Institute of Engineering & Techno
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SHUKLA** Bearing roll number **20Q61A0575** from the department of **Computer Science and Engineering** completed the value added course on "**ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING**" During the year **2021-22**.


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PRINCIPAL
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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.RAJESH** Bearing roll number **20Q61A0587** from the department of **Computer Science and Engineering** completed the value added course on "**ADVANCED PROBLEM SOLVING TECHNIQUES USING C PROGRAMMING**" During the year **2021-22**.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


AVIH/CSE/AOC/2021-22/II/01

Date: 17-03-2022

CIRCULAR

This is to inform all the II B.Tech CSD students that the Department organizing a value added course on "Advanced Java Script for Web Programming". The course is scheduled to run for 06 days from 21-03-2022 to 26-03-2022. 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.C.Mahesh with WEBTEK Labs Pvt Ltd


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Copy to:

The principal, for kind information

IQAC

Notice board

II-II B. Tech CSD students

Dept. file


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ABOUT THE COURSE

"Advanced JavaScript for Web Programming" is an intensive and comprehensive course designed to enhance your proficiency in JavaScript programming specifically tailored for web development. This course is ideal for individuals who already possess a solid understanding of JavaScript fundamentals and want to deepen their knowledge and skills to create more dynamic and interactive web applications.

The "Advanced JavaScript for Web Programming" course dives deep into the advanced concepts and techniques of JavaScript, focusing on its application in web development. Throughout the course, you will explore a wide range of topics that will empower you to build highly functional, responsive, and interactive web applications.

COURSE OBJECTIVES

1. Introduction to popular JavaScript frameworks about React, Angular, and Vue.
2. DOM manipulation: Techniques for manipulating the Document Object Model (DOM) to create dynamic web pages.
3. Design Patterns: Understanding of common design patterns used in JavaScript such as Model-View-Controller (MVC) Factory, and Singleton.

4. Web API integration: Study of integrating JavaScript with various web APIs such as AJAX, Fetch API, and Web Sockets..

EXPECTED OUTCOMES

- Understand object-oriented programming and functional programming concepts in JavaScript.
- Use event handling, DOM manipulation, and asynchronous programming effectively.
- Build dynamic web applications using API's, AJAX, and Web pack.
- Implement unit tests with Jest and maintain best practices for scalable code

Resource Person
Mr.C.Mahesh
Subject Expert
WEBTEK Labs Pvt Ltd

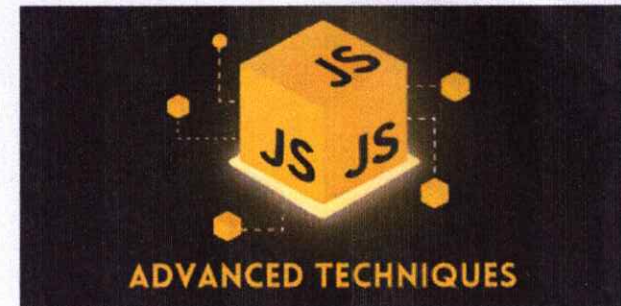
Co-ordinator
Mr.D.Prasad
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:19th MAR,2022



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ADD-ON COURSE ON

“ADVANCED JAVASCRIPT FOR WEB PROGRAMMING”

21st MAR to 26th MAR,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: ADVANCED JAVASCRIPT FOR WEB PROGRAMMING

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH II YEAR-II SEM CSD

Course Objectives:

- Learn to use best-practice idioms and patterns.
- Understand concepts commonly used in dynamic language programming, such as introspection, higher-order functions, and closures.
- Understand advanced language features such as prototypical inheritance.
- Become adept at implementing client-side interfaces through the use of the DOM, jQuery and AJAX.
- Become familiar with common libraries and tools that are used in web application development.

Course Outcomes:

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

- Develop a static, interactive and well-formed webpage using JavaScript, CSS3 and HTML5
- Use PHP7 to improve accessibility of a web document.
- Gain necessary skills for designing and developing web applications

UNIT 1: Web Programming concepts, Architecture of the Web, HTTP Protocols, Difference HTTP1.0 and HTTP 1.1, Stateless nature of the protocol, Methods (GET, POST, HEAD, PUT, DELETE), HTTP session, Status codes, Persistent connections, HTTPS. HTML Document Object Model (DOM), Elements, Events HTML Elements, Objects, Styling HTML with CSS, Inline Styling (Inline CSS), External Styling (External CSS), CSS Fonts, The CSS Box Model, The id Attribute, The class Attribute, HTML Style Tags.

UNIT II : JavaScript & Query Introduction to JavaScript: Variable, statements, Operators, Comments, constructs, Functions, expressions, JavaScript console, Scope, Events, Strings, String Methods, Numbers, Number Methods, Dates, Date Formats, Date, Methods, Arrays, Array Methods, Booleans, Comparisons Control Structures: Conditions, Switch, Loop For, Loop While, Break Functions: Function Definitions, Function Parameters, Function Invocation, Function Closures Objects: Object Definitions, Object Properties, Object Methods, Object Prototypes.

UNIT III: AJAX & JSON Design Introduction to Ajax, Web services and Ajax, Ajax using HTML, CSS, JavaScript, Ajax Framework and DOM, XMLHttpRequest, Ajax Architecture.



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JSON – Introduction, Need of JSON,JSON Syntax Rules, SON Data - a Name and a Value, SON Objects,JSON Arrays, SON Uses JavaScript Syntax, SON Files, SON & Security Concerns, Cross Site Request Forgery (CSRF), Injection Attacks,JS XMLHttpRequest functions, JavaScript XMLHttpRequest & Web APIs,JSON & Client Side Frameworks, SON & Server Side Frameworks, Replacing XML with JSON,JSON parsing, AJAX using JSON and jQuery.

UNIT IV: PHP Introduction to PHP, Working with arrays, Functions, Forms, Handling date and Times, Working with Files, Session and state management, Database operations from PHP

UNIT V:Introduction to Drupal Drupal Basics, Content Management System, Content Management Framework, Web Application,Framework,Drupal Workflow, Bootstrap, hooks, callbacks, output, Modules (Core and Contributed), Nodes, Blocks, Regions, The Admin Interface (Overview),Content Management, Site Building, Site Configuration, User Management, Reports, Help, Content Translation, User Contributed Modules, Layouts in Drupal, File Systems.

TEXT BOOK:

- 1 JavaScript: The Definitive Guide by David Flanagan and JavaScript: The Good Parts by Douglas Crockford. The MDN JavaScript Wiki is the best reference for looking up JavaScript


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE NAME: ADVANCED JAVASCRIPT FOR WEB PROGRAMMING

ACADEMIC YEAR 2021-22

Date: 17-03-2022

B.TECH II YEAR-II SEM CSD

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	21-03-2022	Architecture of the Web, HTTP Protocols, Difference HTTP1.0 and HTTP 1.1, Stateless nature of the protocol, Methods (GET, POST, HEAD, PUT.	09:30 am to 04:00 pm	6 hour
2	22-03-2022	Introduction to JavaScript: Variable, statements, Operators, Comments, constructs	09:30 am to 04:00 pm	6 hour
3	23-03-2022	Introduction to Ajax, Web services and Ajax, Ajax using HTML	09:30 am to 04:00 pm	6 hour
4	24-03-2022	Introduction to PHP, Working with arrays, Functions, Forms, Handling date and Times,	09:30 am to 04:00 pm	6 hour
5	25-03-2022	Drupal Basics, Content Management System, Content Management Framework,	09:30 am to 04:00 pm	6 hour
6	26-03-2022	Bootstrap, hooks, callbacks, output, Modules (Core and Contributed), Nodes, Blocks, Regions	09:30 am to 04:00 pm	6 hour
Total -36 Hours				


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: II 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	Advanced Java Script for Web Programming	BREAK	Advanced Java Script for Web Programming	LUNCH	Advanced Java Script for Web Programming	BREAK	Advanced Java Script for Web Programming
TUE							
WED							
THU							
FRI							
SAT							

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SRM

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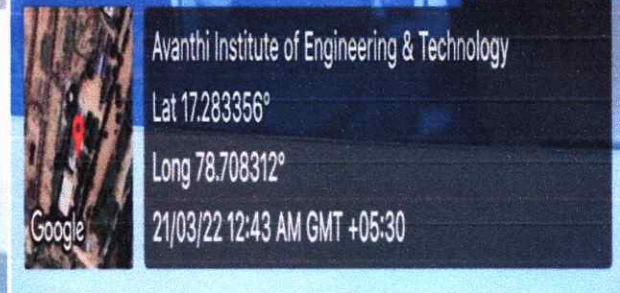
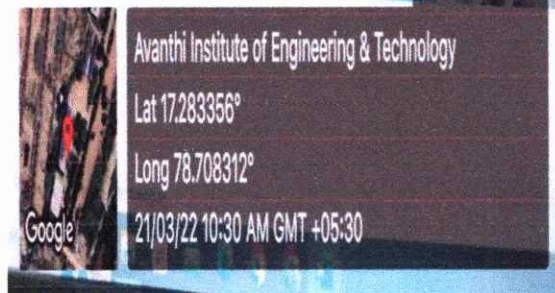
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The Students of II-YEAR B.Tech Certificate Program Attending "Advanced JavaScript for Web Programming" By The Resource Person "Mr.C. Mahesh" With 'WEBTEK Labs Pvt Ltd'.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED JAVASCRIPT FOR WEB PROGRAMMING

II YEAR II-SEM CSD

Enrolled Students List

Date: 21-03-2022 to 26-03-2022

S.No	Roll Number	Name of The Student
1	20Q61A6701	Bhutharaju Shivashankara Varaprasad
2	20Q61A6702	Bobbulolu Pavani
3	20Q61A6703	Deshaveni Akshayarao
4	20Q61A6704	M Jyothi
5	20Q61A6705	Madugula Karthikeya
6	20Q61A6706	Goute Akhila
7	20Q61A6707	Kondakindi Vinay Reddy
8	20Q61A6708	Patlolla Aravind Reddy
9	20Q61A6709	Vsrsgnp Pantheswara
10	21Q65A6701	Korra Bheerendra Karthikeyan
11	21Q65A6702	Thum Shanthi Kumar
12	21Q65A6703	Yanapu Vijay
13	21Q65A6704	Janagam Srihari
14	21Q61D5801	Ajja Anjali
15	21Q61D5802	Chandrika Rangapuram
16	21Q61D5803	Lingala Kavya Sri
17	21Q61D5804	Mallam Soundarya Lahari
18	21Q61D5805	Mir Irfan Ali
19	21Q61D5806	Mohammad Muheba
20	21Q61D5807	Reddy Naveena
21	21Q61D5808	Sai Kishore
22	21Q61D5809	T Mahesh
23	21Q61D5810	Gurrala Sri Kanya
24	21Q61D5811	Kompalli Nikitha
25	21Q61D5812	Pattipaka Harika
26	21Q61D5813	Sagar Maram
27	21Q61D5814	V Sowjanya

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED JAVASCRIPT FOR WEB PROGRAMMING

II YEAR II-SEM CSD

A.Y 2021-2022

Date: 17-03-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	21.03.22	22.03.22	23.03.22	24.03.22	25.03.22	26.03.22
1	20Q61A6701	Bhutharaju Shivashankara Varaprasad	P	P	P	P	P	P
2	20Q61A6702	Bobbulolu Pavani	P	P	P	P	P	P
3	20Q61A6703	Deshaveni Akshayarao	P	P	P	P	P	P
4	20Q61A6704	M Jyothi	P	P	P	P	P	P
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	Vsrsgnp Pantheswara	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	21Q61D5801	Ajja Anjali	P	P	P	P	P	P
15	21Q61D5802	Chandrika Rangapuram	P	P	P	P	P	P
16	21Q61D5803	Lingala Kavya Sri	P	P	P	P	P	P
17	21Q61D5804	Mallam Soundarya Lahari	P	P	P	P	P	P
18	21Q61D5805	Mir Irfan Ali	P	P	P	P	P	P
19	21Q61D5806	Mohammad Muheba	P	P	P	P	P	P
20	21Q61D5807	Reddy Naveena	P	P	P	P	P	P
21	21Q61D5808	Sai Kishore	P	P	P	P	P	P
22	21Q61D5809	T Mahesh	P	P	P	P	P	P
23	21Q61D5810	Gurrala Sri Kanya	P	P	P	P	P	P
24	21Q61D5811	Kompalli Nikitha	P	P	P	P	P	P
25	21Q61D5812	Pattipaka Harika	P	P	P	P	P	P
26	21Q61D5813	Sagar Maram	P	P	P	P	P	P
27	21Q61D5814	V Sowjanya	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE NAME: ADVANCED JAVASCRIPT FOR WEB PROGRAMMING

II YEAR II-SEM CSD

A.Y 2021-2022

Date: 21-03-2022 to 26-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A6701	Bhutharaju Shivashankara Varaprasad	36	100
2	20Q61A6702	Bobbulolu Pavani	36	100
3	20Q61A6703	Deshaveni Akshayarao	36	100
4	20Q61A6704	M Jyothi	36	100
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	Vsrsgnp Pantheswara	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	21Q61D5801	Ajja Anjali	36	100
15	21Q61D5802	Chandrika Rangapuram	36	100
16	21Q61D5803	Lingala Kavya Sri	36	100
17	21Q61D5804	Mallam Soundarya Lahari	36	100
18	21Q61D5805	Mir Irfan Ali	36	100
19	21Q61D5806	Mohammad Muheba	36	100
20	21Q61D5807	Reddy Naveena	36	100
21	21Q61D5808	Sai Kishore	36	100
22	21Q61D5809	T Mahesh	36	100
23	21Q61D5810	Gurrala Sri Kanya	36	100
24	21Q61D5811	Kompalli Nikitha	36	100
25	21Q61D5812	Pattipaka Harika	36	100
26	21Q61D5813	Sagar Maram	36	100
27	21Q61D5814	V Sowjanya	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 30-03-2022

PROGRAM REPORT

Name of the Value Added Course: Advanced JavaScript for web programming

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.C.Mahesh, Subject Expert, WEBTEK Labs Pvt Ltd

Name of the Coordinator: Mr.D.Prasad, Assistant Professor.

Number of the Participants: 25

Topics covered: The following topics covered in this program

- Web Programming concepts.
- JavaScript & Query Introduction to JavaScript.
- AJAX & JSON Design
- PHP Introduction to PHP
- Introduction to Drupal.

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G.P.R.

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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.KARTHIKEYA** Bearing roll number **20Q61A6705**
from the department of **Computer Science and Engineering** completed the value added
course on "**ADVANCED JAVASCRIPT FOR WEB PROGRAMMING**" During the year
2021-22.


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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.HARIKA** Bearing roll number **20Q61D5812** from the department of **Computer Science and Engineering** completed the value added course on "**ADVANCED JAVASCRIPT FOR WEB PROGRAMMING**" During the year **2021-22**.


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Ranga Reddy District.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/II/02

Date: 07-04-2022

CIRCULAR

This is to inform all the III B.Tech CSE students that the Department organizing a value added course on "**Web Design Using React JS**". Department Advisory Committee has been identified **Dr.G.Ramakrishna Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 11-04-2022 to 16-04-2022. 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 Dr.G.Ramakrishna Professor with Brilliant Institute of Engineering & Technology


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The principal, for kind information

IQAC

Notice board

III-II B. Tech CSE students

Dept. file


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ABOUT THE COURSE

Web design involves creating the visual elements and layout of a website, while coding involves translating these designs into a functional website using programming languages like HTML, CSS, and JavaScript. Typically, dedicated web developers translate the designs to code.

COURSE OBJECTIVES

- Learn how to design and develop a Web page using HTML and CSS.
- Learn how to link pages so that they create a Web site.
- Design and develop a Web site using text, images, links, lists, and tables for navigation and layout.
- Style your page using CSS, internal style sheets, and external style sheets.

EXPECTED OUTCOMES

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

- Be able to use the HTML programming language
- Uses Microsoft Expression Web 4 programme.
- Designs site and page via Microsoft Expression Web 4 programme
- Designs site and page via Web Page Maker programme.
- Updates on the site when needed.

Resource Person
Dr.G.Ramakrishna
Assistant Professor
Department of CSE
Brilliant College

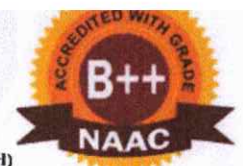
Co-ordinator
Mrs.J.Spandana
Assistant Professor
Department of CSE

Class starts from 11-04-2022 to 16-04-2022,10:00 AM to 04:00 PM



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VALUE ADDED COURSE ON

“WEB DESIGN USING REACT JS”

11th APR to 16th APR 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: WEB DESIGN USING REACT JS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH III YEAR-II SEM

Course Objectives:

- Learn how to design and develop a Web page using HTML and CSS.
- Learn how to link pages so that they create a Web site.
- Design and develop a Web site using text, images, links, lists, and tables for navigation and layout.
- Style your page using CSS, internal style sheets, and external style sheets.

Course outcomes:

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

- Be able to use the HTML programming language
- Uses Microsoft Expression Web 4 programme.
- Designs site and page via Microsoft Expression Web 4 programme
- Designs site and page via Web Page Maker programme.
- Updates on the site when needed.

UNIT- I: Introduction to PHP: Declaring variables, data types, arrays, strings, operators, expressions, control structures, functions, Reading data from web form controls like text boxes, radio buttons, lists etc., Handling File Uploads. Connecting to database (MySQL as reference), executing simple queries, handling results, Handling sessions and cookies File Handling in PHP: File operations like opening, closing, reading, writing, appending, deleting etc. on text and binary files, listing directories.

UNIT 2: HTML Common tags- List, Tables, images, forms, Frames; Cascading Style sheets; XML: Introduction to XML, Defining XML tags, their attributes and values, Document Type Definition, XML Schemes, Document Object Model, XHTML Parsing XML Data – DOM and SAX Parsers in java.

UNIT3: Introduction to Servlets: Common Gateway Interface (CGI), Life cycle of a Servlet, deploys a servlet, The Servlet API, Reading Servlet parameters, Reading Initialization parameters, Handling Http Request & Responses, Using Cookies and Sessions, connecting to a database using JDBC.

UNIT4: Introduction to JSP: The Anatomy of a JSP Page, JSP Processing, Declarations, Directives, Expressions, Code Snippets, implicit objects, Using Beans in JSP Pages, Using Cookies and session for session tracking, connects to database in JSP.

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UNIT 5: Client-side Scripting: Introduction to Javascript, Javascript language – declaring variables, scope of variables, functions. Event handlers (onclick, onsubmit etc.), Document Object Model, Form validation.

TEXT BOOKS:

1. Web Technologies, Uttam K Roy, Oxford University Press
2. The Complete Reference PHP — Steven Holzner, Tata McGraw-Hill

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Ranga Reddy District

HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: WEB DESIGN USING REACT JS

ACADEMIC YEAR 2021-22

Date: 07-04-2022

B.TECH III YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	11-04-2022	Declaring variables, data types, arrays, strings, operators, expressions, control structures, functions, Reading data from web form controls like text boxes.	09:30 am to 04:00 pm	5 hour
2	12-04-2022	XML: Introduction to XML, Defining XML tags, their attributes and values, Document Type Definition, XML Schemes, Document Object Model	09:30 am to 04:00 pm	5 hour
3	13-04-2022	Common Gateway Interface (CGI), Life cycle of a Servlet, deploys a servlet, The Servlet API, Reading Servlet parameters.	09:30 am to 04:00 pm	5 hour
4	14-04-2022	The Anatomy of a JSP Page, JSP Processing, Declarations, Directives, Expressions	09:30 am to 04:00 pm	5 hour
5	15-04-2022	Introduction to JavaScript, JavaScript language – declaring variables.	09:30 am to 04:00 pm	5 hour
6	16-04-2022	Functions. Event handlers (onclick, onsubmit etc.), Document Object Model, Form validation.	09:30 am to 04:00 pm	5 hour
Total -30 Hours				


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DEPARTMENT OF COMPUTER SCIENCE AND 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	Web Design Using React JS	BREAK	Web Design Using React JS	LUNCH	Web Design Using React JS	BREAK	Web Design Using React JS
TUE							
WED							
THU							
FRI							
SAT							

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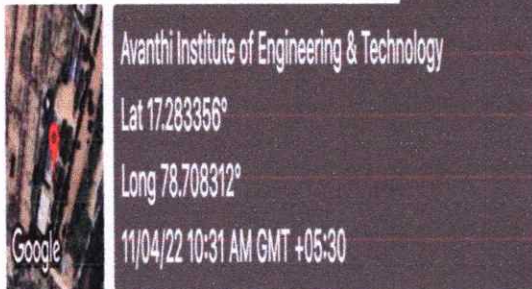
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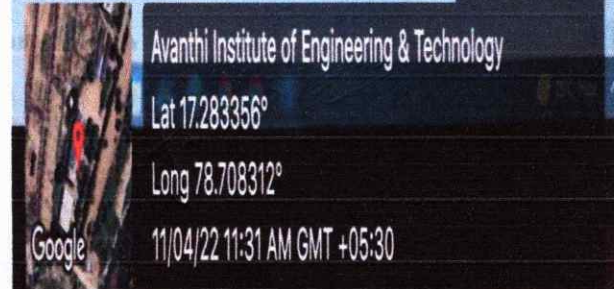
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GPS Map Camera



GPS Map Camera



The Students of III-Year B.Tech Certificate Program Attending "Web Design using React js" by the Resource Person "Dr.G.RamaKrishna", Professor By BRIET.

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

III YEAR II-SEM ENROLLED STUDENTS LIST Date: 11-04-2022 to 16-04-2022

S.No	Roll Number	Name of The Student
1	19Q61A0542	Mudireddy Niteesh Reddy
2	19Q61A0543	Abhinav Kumar Singh
3	19Q61A0544	Ajaykumar Vakiti
4	19Q61A0545	Anisetty Ganesh
5	19Q61A0546	Aryan Muni
6	19Q61A0547	Balasani Praneethsai
7	19Q61A0548	Budde Chandu
8	19Q61A0549	Busi Vasudev Yadav
9	19Q61A0550	Chintanippu Vamshi
10	19Q61A0551	Dandu Rahulsai Kumar Reddy
11	19Q61A0552	Daripally Sri Ram
12	19Q61A0553	Devarakonda Vinay
13	19Q61A0554	Donda Thulasi
14	19Q61A0555	G Guru Charan
15	19Q61A0556	Gadiga Gayathri Nand
16	19Q61A0557	Gudipudi Ravi Prakash
17	19Q61A0558	Gundeti Pavan Kumar
18	19Q61A0559	Katta Asrith Reddy
19	19Q61A0560	Kayyala Akshay Yadav
20	19Q61A0561	Kampati Tarun Kumar
21	19Q61A0562	Kancharla Akshitha
22	19Q61A0563	Kancharla Saikumar
23	19Q61A0564	Kandhi Vidhya Reddy
24	19Q61A0565	Kandula Manasa
25	19Q61A0566	Karakatla Lokesh
26	19Q61A0567	Kasam Sai Teja
27	19Q61A0568	Kasukurthi Sri Sowmya Devi
28	19Q61A0569	Katukuri Rakesh
29	19Q61A0570	Kenche Bala Dattu
30	19Q61A0571	Koli Harina
31	19Q61A0572	Kothapally Rajendhar
32	19Q61A0573	Kowdagani Sai Neeraj Kumar



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33	19Q61A0574	Kunareddy Shiva Reddy
34	19Q61A0575	Lukka Venkata Sudheer
35	19Q61A0576	M Mallesh
36	19Q61A0577	M Nithya
37	19Q61A0578	Maalipattu Likitha
38	19Q61A0579	Maddela Akash
39	19Q61A0580	Madduri Pravalika
40	19Q61A0581	Maggidi Narsareddy


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

III YEAR II-SEM

A.Y 2021-2022

Date: 07-04-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	11.04.22	12.04.22	13.04.22	14.04.22	15.04.22	16.04.22
1	19Q61A0542	Mudireddy Niteesh Reddy	P	P	P	P	P	P
2	19Q61A0543	Abhinav Kumar Singh	P	P	P	P	P	P
3	19Q61A0544	Ajaykumar Vakiti	P	P	P	P	P	P
4	19Q61A0545	Anisetty Ganesh	P	P	P	P	P	P
5	19Q61A0546	Aryan Muni	P	P	P	P	P	P
6	19Q61A0547	Balasani Praneethsai	P	P	P	P	P	P
7	19Q61A0548	Budde Chandu	P	P	P	P	P	P
8	19Q61A0549	Busi Vasudev Yadav	P	P	P	P	P	P
9	19Q61A0550	Chintanippu Vamshi	P	P	P	P	P	P
10	19Q61A0551	Dandu Rahulsai Kumar Reddy	P	P	P	P	P	P
11	19Q61A0552	Daripally Sri Ram	P	P	P	P	P	P
12	19Q61A0553	Devarakonda Vinay	A	A	A	A	A	A
13	19Q61A0554	Donda Thulasi	P	P	P	P	P	P
14	19Q61A0555	G Guru Charan	P	P	P	P	P	P
15	19Q61A0556	Gadiga Gayathri Nand	P	P	P	P	P	P
16	19Q61A0557	Gudipudi Ravi Prakash	P	P	P	P	P	P
17	19Q61A0558	Gundeti Pavan Kumar	P	P	P	P	P	P
18	19Q61A0559	Katta Asrith Reddy	P	P	P	P	P	P
19	19Q61A0560	Kayyala Akshay Yadav	P	P	P	P	P	P
20	19Q61A0561	Kampati Tarun Kumar	P	P	P	P	P	P
21	19Q61A0562	Kancharla Akshitha	P	P	P	P	P	P
22	19Q61A0563	Kancharla Saikumar	A	A	A	A	A	A
23	19Q61A0564	Kandhi Vidhya Reddy	P	P	P	P	P	P
24	19Q61A0565	Kandula Manasa	P	P	P	P	P	P
25	19Q61A0566	Karakatla Lokesh	P	P	P	P	P	P
26	19Q61A0567	Kasam Sai Teja	P	P	P	P	P	P
27	19Q61A0568	Kasukurthi Sri Sowmya Devi	P	P	P	P	P	P
28	19Q61A0569	Katukuri Rakesh	P	P	P	P	P	P
29	19Q61A0570	Kenche Bala Dattu	P	P	P	P	P	P
30	19Q61A0571	Koli Harina	P	P	P	P	P	P
31	19Q61A0572	Kothapally Rajendhar	P	P	P	P	P	P



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32	19Q61A0573	Kowdagani Sai Neeraj Kumar	P	P	P	P	P	P
33	19Q61A0574	Kunareddy Shiva Reddy	P	P	P	P	P	P
34	19Q61A0575	Lukka Venkata Sudheer	P	P	P	P	P	P
35	19Q61A0576	M Malleesh	P	P	A	P	P	P
36	19Q61A0577	M Nithya	P	P	P	P	P	P
37	19Q61A0578	Maalipattu Likitha	P	P	P	P	P	P
38	19Q61A0579	Maddela Akash	P	A	P	P	P	P
39	19Q61A0580	Madduri Pravalika	P	P	P	P	P	P
40	19Q61A0581	Maggidi Narsareddy	P	P	P	P	P	P


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

III YEAR II-SEM

A.Y 2021-2022

Date: 11-04-2022 to 16-04-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0542	Mudireddy Nitesh Reddy	30	100
2	19Q61A0543	Abhinav Kumar Singh	30	100
3	19Q61A0544	Ajaykumar Vakiti	30	100
4	19Q61A0545	Anisetty Ganesh	30	100
5	19Q61A0546	Aryan Muni	30	100
6	19Q61A0547	Balasani Praneethsai	30	100
7	19Q61A0548	Budde Chandu	30	100
8	19Q61A0549	Busi Vasudev Yadav	30	100
9	19Q61A0550	Chintanippu Vamshi	30	100
10	19Q61A0551	Dandu Rahulsai Kumar Reddy	30	100
11	19Q61A0552	Daripally Sri Ram	30	100
12	19Q61A0553	Devarakonda Vinay	0	0
13	19Q61A0554	Donda Thulasi	30	100
14	19Q61A0555	G Guru Charan	30	100
15	19Q61A0556	Gadiga Gayathri Nand	30	100
16	19Q61A0557	Gudipudi Ravi Prakash	30	100
17	19Q61A0558	Gundeti Pavan Kumar	30	100
18	19Q61A0559	Katta Asrith Reddy	30	100
19	19Q61A0560	Kayyala Akshay Yadav	30	100
20	19Q61A0561	Kampati Tarun Kumar	30	100
21	19Q61A0562	Kancharla Akshitha	30	100
22	19Q61A0563	Kancharla Saikumar	0	0
23	19Q61A0564	Kandhi Vidhya Reddy	30	100
24	19Q61A0565	Kandula Manasa	30	100
25	19Q61A0566	Karakatla Lokesh	30	100
26	19Q61A0567	Kasam Sai Teja	30	100
27	19Q61A0568	Kasukurthi Sri Sowmya Devi	30	100
28	19Q61A0569	Katukuri Rakesh	30	100
29	19Q61A0570	Kenche Bala Dattu	30	100
30	19Q61A0571	Koli Harina	30	100
31	19Q61A0572	Kothapally Rajendhar	30	100



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32	19Q61A0573	Kowdagani Sai Neeraj Kumar	30	100
33	19Q61A0574	Kunareddy Shiva Reddy	30	100
34	19Q61A0575	Lukka Venkata Sudheer	30	100
35	19Q61A0576	M Mallesh	25	83.3
36	19Q61A0577	M Nithya	30	100
37	19Q61A0578	Maalipattu Likitha	30	100
38	19Q61A0579	Maddela Akash	25	83.3
39	19Q61A0580	Madduri Pravalika	30	100
40	19Q61A0581	Maggidi Narsareddy	30	100

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Head of the Department

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 22-04-2022

PROGRAM REPORT

Name of Value Added Course: Web Design Using React Js

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.G.Ramakrishna, Subject Expert Brilliant College

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

Number of the Participants: 38

Topics covered: The following topics covered in this program

- Introduction to PHP: Declaring variables.
- HTML Common tags- List, Tables, images.
- Introduction to Servlets.
- Introduction to JSP.
- Client-side Scripting.


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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.HARINA** Bearing roll number **19Q61A0571** from the department of **Computer Science and Engineering** completed the value added course on "**WEB DESIGN USING REACT JS**" During the year **2021-22**.


Head of the Department

Head of the Department
Avanathi Institute of Engineering & Technology
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Ranga Reddy District.



CO-ORDINATOR

Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.GURU CHARAN** Bearing roll number **19Q61A0555** from the department of **Computer Science and Engineering** completed the value added course on "**WEB DESIGN USING REACT JS**" During the year**2021-22**.


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


Co-Ordinator
CO ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.


Principal
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/II/03

Date: 20-04-2022

CIRCULAR

This is to inform all the III B.Tech CSE students that the Department organizing a value added course on "**Introduction to the Java API for Machine Learning**". Department Advisory Committee has been identified **Dr.T.Lalitha Saroja, Assistant Professor, Department of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 25-04-2022 to 30-04-2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.

Copy to:

The principal, for kind information

IQAC

Notice board

III-II B. Tech CSE students

Dept. file


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ABOUT THE COURSE

The course typically involves both theoretical lectures and hands-on coding assignments, as well as project work in which students apply their knowledge to real-world string processing problems. The goal of the course is to provide students with a strong foundation in string processing algorithms and techniques, and to equip them with the skills and knowledge necessary to develop efficient algorithms for text-related problems in AI and ML.

COURSE OBJECTIVES

The objectives of the "Introduction to Java API for Machine Learning" add-on course are as follows:

1. To provide AI&ML students with a solid foundation In Java programming.
 2. To introduce students to the various Java libraries for machine learning and how to use them effectively.
 3. To teach students the various techniques used in data pre-processing and how to implement machine learning algorithms in Java.
 4. To provide students with an understanding of the evaluation techniques used to assess machine learning models.
 5. To teach students how to deploy and integrate machine learning models in real-world applications.
 6. To provide students with hands-on experience in developing machine learning applications using Java.
 7. To prepare students for careers in the AI and ML industry by equipping them with the knowledge and skills required to develop machine learning applications using Java.
- By the end of the course, students will be able to use Java and its libraries to develop and deploy machine learning models, as well as evaluate and improve their performance. The course will provide them with a comprehensive understanding of the Java API for machine learning and the skills necessary to become successful professionals in the field.

EXPECTED OUTCOMES

The expected outcomes for the "Introduction to Java API for Machine learning" add-on course for the 2nd year 2nd semester AI&ML students are:

1. Strong foundation in Java programming: By the end of the course, students will have a solid understanding of Java

Programming and will be able to write java code effectively.

2. Knowledge of Java libraries for machine learning: Students will be introduced to the various Java libraries for machine learning and will learn how to use them effectively in their projects.

3. Hands-on experience in developing machine learning applications: Students will have hands-on experience in developing machine learning applications using Java, which will help them understand the practical applications of the concepts they have learned.

4. Understanding of data pre-processing techniques: Students will be able to perform data pre-processing and extract features from the data to prepare it for machine learning models.

5. Ability to implement machine learning algorithms in Java: Students will learn how to implement various machine learning algorithms in Java and will be able to choose the appropriate algorithm for their projects.

6. Knowledge of model evaluation techniques: Students will understand the various techniques used to evaluate machine learning models and will be able to assess the performance of their models.

7. Deployment and integration of machine learning models Students will learn how to deploy and integrate machine learning models in real-world applications.

Resource Person
Dr.T.Lalitha Saroja,
Assistant Professor
Department of CSE

Co-ordinator
Mrs.K.Swathi,
Assistant Professor
Department of CSE

Swathi
PRINCIPAL
Avanathi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Midl) R.R.Dist
LAST DATE FOR REGISTRATION:23rd
APR,2022



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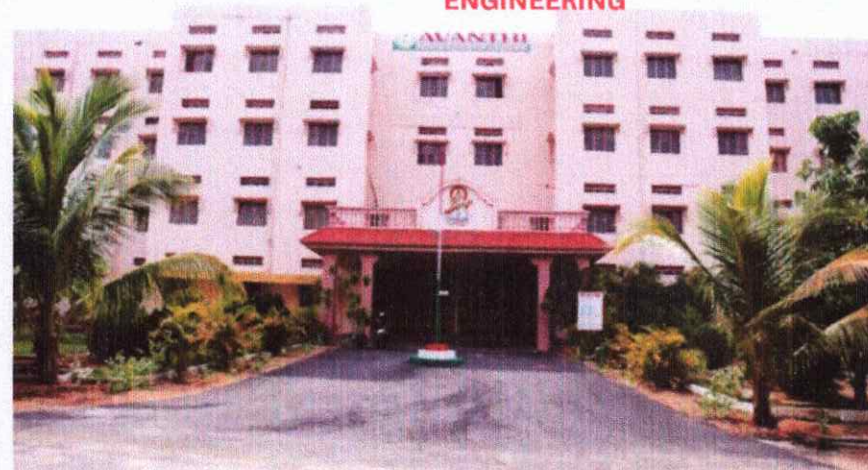


VALUE ADD-ON COURSE ON "INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING"

25th APR to 30th APR,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: INTRODUCTION TO THE JAVA API

FORMACHINE LEARNING

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH III YEAR-II SEM

Course Objectives:

- Learn to use best-practice idioms and patterns.
- Understand concepts commonly used in dynamic language programming, such as introspection, higher-order functions, and closures.
- Understand advanced language features such as prototypical inheritance.
- Become adept at implementing client-side interfaces through the use of the DOM, jQuery and AJAX.
- Become familiar with common libraries and tools that are used in web application development.

Course outcomes:

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

- Develop a static, interactive and well-formed webpage using JavaScript, CSS3 and HTML5
- Use PHP7 to improve accessibility of a web document.
- Gain necessary skills for designing and developing web applications

UNIT1: Web Programming concepts, Architecture of the Web, HTTP Protocols, Difference HTTP1.0 and HTTP 1.1, Stateless nature of the protocol, Methods (GET, POST, HEAD, PUT, DELETE), HTTP session, Status codes, Persistent connections, HTTPS. HTML Document Object Model (DOM), Elements, Events HTML Elements, Objects, Styling HTML with CSS, Inline Styling (Inline CSS), External Styling (External CSS), CSS Fonts, The CSS Box Model, The id Attribute, The class Attribute, HTML Style Tags.

UNIT II : JavaScript & Query Introduction to JavaScript: Variable, statements, Operators, Comments, constructs, Functions, expressions, JavaScript console, Scope, Events, Strings, String Methods, Numbers, Number Methods, Dates, Date Formats, Date, Methods, Arrays, Array Methods, Booleans, Comparisons Control Structures: Conditions, Switch, Loop For, Loop While, Break Functions: Function Definitions, Function Parameters, Function Invocation, Function Closures Objects: Object Definitions, Object Properties, Object Methods, Object Prototypes.

UNIT III: AJAX & JSON Design Introduction to Ajax, Web services and Ajax, Ajax using HTML, CSS, JavaScript, Ajax Framework and DOM, XMLHttpRequest, Ajax Architecture.

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JSON – Introduction, Need of JSON,JSON Syntax Rules, SON Data - a Name and a Value, SON Objects,JSON Arrays, SON Uses JavaScript Syntax, SON Files, SON & Security Concerns, Cross Site Request Forgery (CSRF), Injection Attacks,JS XMLHttpRequest functions, JavaScript XMLHttpRequest & Web APIs,JSON & Client Side Frameworks, SON & Server Side Frameworks, Replacing XML with JSON,JSON parsing, AJAX using JSON and jQuery.

UNIT IV: PHP Introduction to PHP, Working with arrays, Functions, Forms, Handling date and Times, Working with Files, Session and state management, Database operations from PHP

UNIT V:Introduction to Drupal Drupal Basics, Content Management System, Content Management Framework, Web Application,Framework,Drupal Workflow, Bootstrap, hooks, callbacks, output, Modules (Core and Contributed), Nodes, Blocks, Regions, The Admin Interface (Overview),Content Management, Site Building, Site Configuration, User Management, Reports, Help, Content Translation, User Contributed Modules, Layouts in Drupal, File Systems.

TEXT BOOK:

1. JavaScript: The Definitive Guide by David Flanagan and JavaScript: The Good Parts by Douglas Crockford. The MDN JavaScript Wiki is the best reference for looking up JavaScript

R. Swathi

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S. R. S.

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S.

HOD

Head of the Department
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING

ACADEMIC YEAR 2021-22

Date: 20-04-2022

B.TECH III YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	25-04-2022	Architecture of the Web, HTTP Protocols, Difference HTTP1.0 and HTTP 1.1, Stateless nature of the protocol, Methods (GET, POST, HEAD, PUT.	09:30 am to 04:00 pm	6 hour
2	26-04-2022	Introduction to JavaScript: Variable, statements, Operators, Comments, constructs,	09:30 am to 04:00 pm	6 hour
3	27-04-2022	Introduction to Ajax, Web services and Ajax, Ajax using HTML	09:30 am to 04:00 pm	6 hour
4	28-04-2022	Introduction to PHP, Working with arrays, Functions, Forms, Handling date and Times,	09:30 am to 04:00 pm	6 hour
5	29-04-2022	Drupal Basics, Content Management System, Content Management Framework,	09:30 am to 04:00 pm	6 hour
6	30-04-2022	Bootstrap, hooks, callbacks, output, Modules (Core and Contributed), Nodes, Blocks, Regions	09:30 am to 04:00 pm	6 hour
Total -36 Hours				

M. Swathi

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TIME TABLE

CLASS: III 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	Introduction to the Java API for Machine Learning	BREAK	Introduction to the Java API for Machine Learning	LUNCH	Introduction to the Java API for Machine Learning	BREAK	Introduction to the Java API for Machine Learning
TUE							
WED							
THU							
FRI							
SAT							

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Ranga Reddy District.

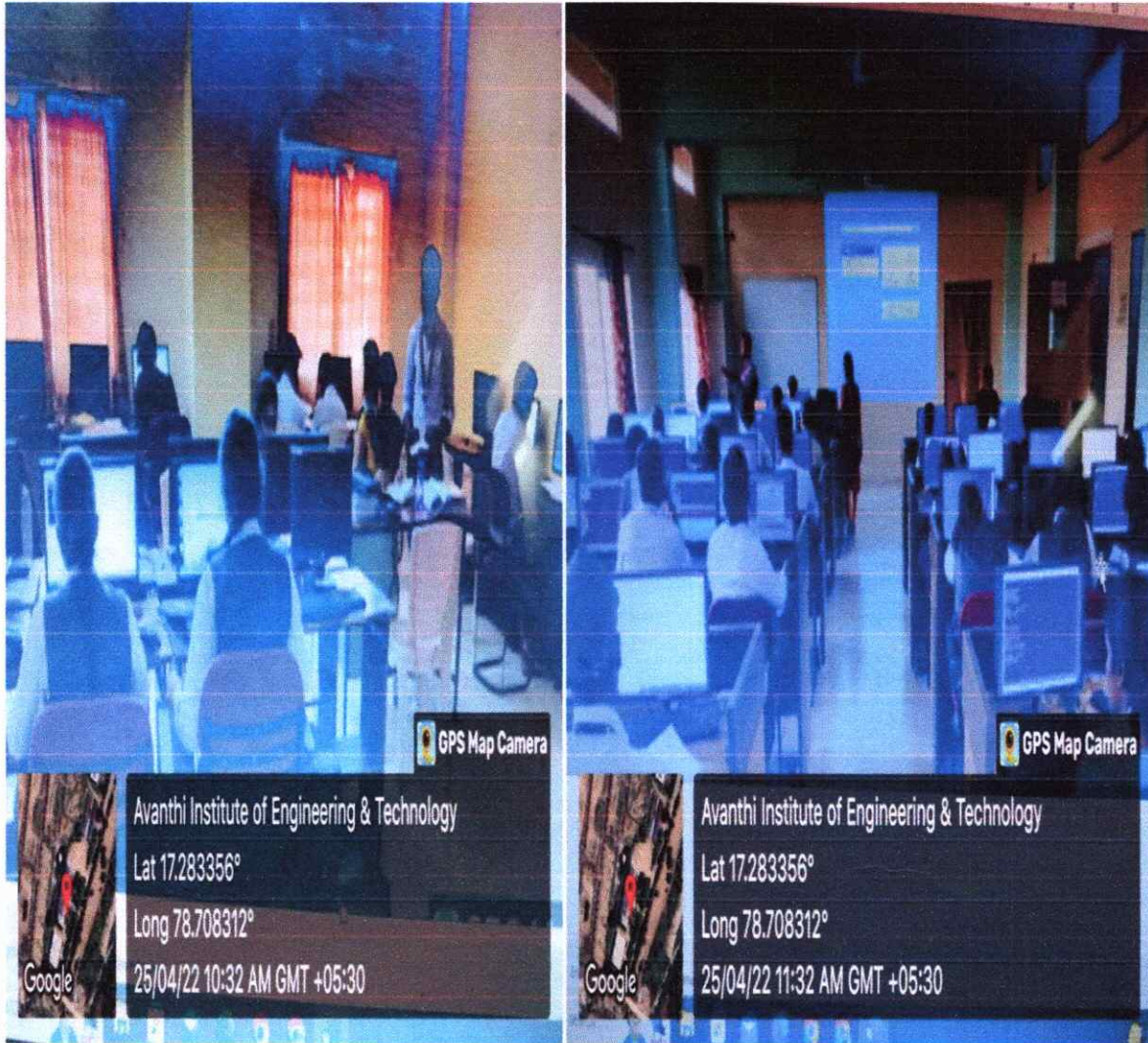
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The Students of III-Year B.Tech Certificate program attending “Introduction to Java API for Machine Learning” by Resource Person “Dr.T.Lalitha Saroja, Assistant Professor”

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Avanthi Institute of Engineering and Technology



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING

III YEAR II-SEM ENROLLED STUDENTS LIST Date: 25-04-2022 to 30-04-2022

S.No	Roll Number	Name of The Student
1	19Q61A0582	Mallepally Mounika
2	19Q61A0583	Mandala Ananth Reddy
3	19Q61A0584	Mangani Jatin
4	19Q61A0585	Mari Bhavana
5	19Q61A0586	Marthota Manoj Kumar
6	19Q61A0587	Matlapudi Chinmaya Sai
7	19Q61A0588	Meesala Nikhil Reddy
8	19Q61A0589	Merugu Sindhu
9	19Q61A0590	Mohammed Ayazuddin
10	19Q61A0591	Mohammed Sohel
11	19Q61A0592	Molugu Shashank Rao
12	19Q61A0593	Munukuntla Rahul
13	19Q61A0594	Nukam Reddy Suneela
14	19Q61A0595	Punna Sai Mounika
15	19Q61A0596	Sabbu Yashwanth Reddy
16	19Q61A0597	Siddipeta Jenny James
17	19Q61A0598	Thati Deepikaa
18	19Q61A0599	Thati Dikshita
19	19Q61A05A0	Vallem Srivani
20	19Q61A05A1	Veeravalli Sai Pavan
21	19Q61A05A2	Yerramsetti Sai
22	19Q61A05A3	Koru Vinay Kumar
23	19Q61A05A4	Kotha Manjubhargavi
24	19Q61A05A5	Kunuguntla Sri Harsha
25	19Q61A05A6	Manoor Vijay Karthik
26	19Q61A05A7	Marinela Navya
27	19Q61A05A8	Nukala Avinash Reddy
28	19Q61A05A9	Palagani Manikanta Shivaji
29	19Q61A05B0	Pilli Sri Sai Rashimitha
30	19Q61A05B1	Polasa Likithha
31	19Q61A05B2	Porla Praveen Kumar
32	19Q61A05B3	Preethi Singh



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33	19Q61A05B4	Ranga Rajashekhar
34	19Q61A05B5	Rudravelly Nagasanthoshitha
35	19Q61A05B6	Salla Saikiran Reddy
36	19Q61A05B7	Sambangi Sai Sravani
37	19Q61A05B8	Thimma Reddy Maheshwara Reddy
38	19Q61A05B9	Thota Nishanth
39	19Q61A05C0	Veeravajhula Sai Uttam Dutt
40	19Q61A05C1	Nathi Sai Deepika

K. Swathi

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING

III YEAR II-SEM

A.Y 2021-2022

Date: 20-04-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	25.04.22	26.04.22	27.04.22	28.04.22	29.04.22	30.04.22
1	19Q61A0582	Mallepally Mounika	P	P	P	P	P	P
2	19Q61A0583	Mandala Ananth Reddy	P	P	P	P	P	P
3	19Q61A0584	Mangani Jatin	P	P	P	P	P	P
4	19Q61A0585	Mari Bhavana	P	P	P	P	P	P
5	19Q61A0586	Marthota Manoj Kumar	P	P	P	P	P	P
6	19Q61A0587	Matlapudi Chinmaya Sai	P	P	P	P	P	P
7	19Q61A0588	Meesala Nikhil Reddy	P	P	P	P	P	P
8	19Q61A0589	Merugu Sindhu	P	P	P	P	P	P
9	19Q61A0590	Mohammed Ayazuddin	P	P	P	P	P	P
10	19Q61A0591	Mohammed Sohel	A	A	A	A	A	A
11	19Q61A0592	Molugu Shashank Rao	P	P	P	P	P	P
12	19Q61A0593	Munukuntla Rahul	P	P	P	P	P	P
13	19Q61A0594	Nukam Reddy Suneela	P	P	P	P	P	P
14	19Q61A0595	Punna Sai Mounika	P	P	P	P	P	P
15	19Q61A0596	Sabbu Yashwanth Reddy	P	P	P	P	P	P
16	19Q61A0597	Siddipeta Jenny James	P	P	P	P	P	P
17	19Q61A0598	Thati Decpikaa	P	P	P	P	P	P
18	19Q61A0599	Thati Dikshita	P	P	P	P	P	P
19	19Q61A05A0	Vallem Srivani	P	P	P	P	P	P
20	19Q61A05A1	Veccravalli Sai Pavan	P	A	P	P	P	P
21	19Q61A05A2	Yerramssetti Sai	P	P	P	P	P	P
22	19Q61A05A3	Koru Vinay Kumar	P	P	P	P	P	P
23	19Q61A05A4	Kotha Manjubhargavi	P	P	P	P	P	P
24	19Q61A05A5	Kunuguntla Sri Harsha	P	P	P	P	P	P
25	19Q61A05A6	Manoor Vijay Karthik	P	P	P	P	P	P
26	19Q61A05A7	Marinela Navya	P	P	P	P	P	P
27	19Q61A05A8	Nukala Avinash Reddy	P	P	A	P	P	P
28	19Q61A05A9	Palagani Manikanta Shivaji	P	P	P	P	P	P
29	19Q61A05B0	Pilli Sri Sai Rashimitha	P	P	P	P	P	P
30	19Q61A05B1	Polasa Likitha	P	P	P	P	P	P



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31	19Q61A05B2	Porla Praveen Kumar	P	P	P	P	P	P
32	19Q61A05B3	Preethi Singh	P	P	P	P	P	P
33	19Q61A05B4	Ranga Rajashekhar	P	P	P	P	P	P
34	19Q61A05B5	Rudravelly Nagasanthoshitha	P	P	P	P	P	P
35	19Q61A05B6	Salla Saikiran Reddy	P	A	P	P	P	P
36	19Q61A05B7	Sambangi Sai Sravani	P	P	P	P	P	P
37	19Q61A05B8	Thimma Reddy Maheshwara Reddy	P	P	P	P	P	P
38	19Q61A05B9	Thota Nishanth	P	P	P	P	P	P
39	19Q61A05C0	Veeravajhula Sai Uttam Dutt	P	P	P	P	P	P
40	19Q61A05C1	Nathi Sai Deepika	P	P	P	P	P	P


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING

III YEAR II-SEM

A.Y 2021-2022

Date: 25-04-2022 to 30-04-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0582	Mallepally Mounika	36	100
2	19Q61A0583	Mandala Ananth Reddy	36	100
3	19Q61A0584	Mangani Jatin	36	100
4	19Q61A0585	Mari Bhavana	36	100
5	19Q61A0586	Marthota Manoj Kumar	36	100
6	19Q61A0587	Matlapudi Chinmaya Sai	36	100
7	19Q61A0588	Meesala Nikhil Reddy	36	100
8	19Q61A0589	Merugu Sindhu	36	100
9	19Q61A0590	Mohammed Ayazuddin	36	100
10	19Q61A0591	Mohammed Sohel	0	0
11	19Q61A0592	Molugu Shashank Rao	36	100
12	19Q61A0593	Munukuntla Rahul	36	100
13	19Q61A0594	Nukam Reddy Suneela	36	100
14	19Q61A0595	Punna Sai Mounika	36	100
15	19Q61A0596	Sabhu Yashwanth Reddy	36	100
16	19Q61A0597	Siddipeta Jenny James	36	100
17	19Q61A0598	Thati Deepikaa	36	100
18	19Q61A0599	Thati Dikshita	36	100
19	19Q61A05A0	Vallem Srivani	36	100
20	19Q61A05A1	Veeravalli Sai Pavan	30	83.3
21	19Q61A05A2	Yerramsetti Sai	36	100
22	19Q61A05A3	Koru Vinay Kumar	36	100
23	19Q61A05A4	Kotha Manjubhargavi	36	100
24	19Q61A05A5	Kunuguntla Sri Harsha	36	100
25	19Q61A05A6	Manoor Vijay Karthik	36	100
26	19Q61A05A7	Marinela Navya	36	100
27	19Q61A05A8	Nukala Avinash Reddy	30	83.3
28	19Q61A05A9	Palagani Manikanta Shivaji	36	100
29	19Q61A05B0	Pilli Sri Sai Rashimitha	36	100
30	19Q61A05B1	Polasa Likithha	36	100



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32	19Q61A05B3	Preethhi Singh	36	100
33	19Q61A05B4	Ranga Rajashekhar	36	100
34	19Q61A05B5	Rudravelly Nagasanthoshitha	36	100
35	19Q61A05B6	Salla Saikiran Reddy	30	83.3
36	19Q61A05B7	Sambangi Sai Sravani	36	100
37	19Q61A05B8	Thimma Reddy Maheshwara Reddy	36	100
38	19Q61A05B9	Thota Nishanth	36	100
39	19Q61A05C0	Veeravajhula Sai Uttam Dutt	36	100
40	19Q61A05C1	Nathi Sai Deepika	36	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 05-05-2022

PROGRAM REPORT

Name of Value Added Course: Introduction to the Java API for Machine Learning

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Dr.T.Lalitha Saroja, Assistant Professor.

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

Number of the Participants: 39

Topics covered: The following topics covered in this program

- Web Programming concepts.
- JavaScript & Query Introduction to JavaScript.
- AJAX & JSON Design
- PHP Introduction to PHP
- Introduction to Drupal.

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Principal

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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.SAI DEEPIKA** Bearing roll number **19Q61A05C1** from the department of **Computer Science and Engineering** completed the value added course on "**INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING**" During the year **2021-22**.


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


K. Swathi
Co-Ordinator
Avanathi Institute of Engineering & Technol.
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PRINCIPAL
Principal
Avanathi Institute of Engineering & Technology
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.RAHUL** Bearing roll number **19Q61A0593** from the department of **Computer Science and Engineering** completed the value added course on "**INTRODUCTION TO THE JAVA API FOR MACHINE LEARNING**" During the year **2021-22.**


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Head of The Department
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/II/04

Date: 10-05-2022

CIRCULAR

This is to inform all the III B.Tech CSE students that the Department organizing a value added course on "AWS Solutions Architect - Foundational Level". The course is scheduled to run for 06 days from 16-05-2022 to 21-05-2022. 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.P.Jagadish with MANAC InfoTech (P).Limited

HOD

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

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Notice board

III-II B. Tech CSE students

Dept. file

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ABOUT THE COURSE

AWS Certified Solutions Architect - Associate showcases knowledge and skills in AWS technology, across a wide range of AWS services. The focus of this certification is on the design of cost and performance optimized solutions, demonstrating a strong understanding of the AWS Well-Architected Framework. This certification can enhance the career profile and earnings of certified individuals and increase your credibility and confidence in stakeholder and customer interactions.

COURSE OBJECTIVES

- AWS Solution Architect: An Overview
- Benefits of AWS Solution Architect Certification
- AWS Solution Architect Associate Syllabus
- Tips to Pass AWS Solution Architect Exam

EXPECTED OUTCOMES

- Future Ready
- A Better Pay check
- Developing Professional Expertise
- Design Secure Architectures

Resource Person
Mr.P.Jagadish
Technical Trainer
MANAC Info Tech Pvt Ltd

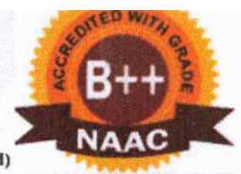
Co-ordinator
Miss.U.Uma
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:04th MAR,2023



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ADD-ON COURSE ON

**“AWS SOLUTIONS ARCHITECT-
FOUNDATIONAL LEVEL”**

06th MAR TO 11th MAR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY:

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Signature
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gundikanelly (V), Abdullapurmet (Md) R.R, Dist



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: AWS SOLUTIONS ARCHITECT - FOUNDATIONAL LEVEL

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH III YEAR-II SEM

Course Objectives:

- AWS Solution Architect: An Overview
- Benefits of AWS Solution Architect Certification
- AWS Solution Architect Associate Syllabus
- Tips to Pass AWS Solution Architect Exam

Course outcomes:

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

- To develop problem solving abilities using a computer.
- To build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
- To train students in professional skills related to Software Industry.
- To understand structured programming approach.
- To develop the basic concepts and terminology of programming in general.

UNIT 1: Introduction to AWS, Course Components and Exam Format

UNIT 2: Overview of AWS, AWS Infrastructure Part 1, AWS Infrastructure Part 2, AWS Infrastructure Part 3, AWS Infrastructure Part 4, Overview of AWS Core Services, Amazon EC2, EKS, Lightsail, AWS Batch, Elastic Beanstalk, AWS Fargate, AWS Lambda, SAR Serverless Application Repository, Storage Service, S3 Simple Storage Service, EFS Elastic File System, EBS Elastic Block Storage, AWS Backup, Storage Gateway

UNIT 3: Learning Objective, Assisted Practice Create an AMI image, Placement Group, Cluster Placement Groups, Spread Placement Groups, EC2 Instance Metadata, Assisted Practice User data and Metadata Installing apps when launching an instance, Assisted Practice EC2 IAM Roles to Access S3, EC2, Spot Instance Interruptions, Reasons for Interruption.

UNIT 4: Storage services, Introduction to Amazon S3, Components of Amazon S3, Amazon S3 Storage Classes Part 1, Amazon S3 Storage Classes Part 2, Assisted Practice Create an S3 Storage Bucket, Version Control in Amazon S3 Part 1, Version Control in Amazon S3 Part 2, Assisted Practice Configuring S3 Bucket Versioning, S3 Lifecycle Management, Assisted Practice Age Based Retention

UNIT 5: Firewall Security Group, Firewall Network ACL NAC, IP Addresses, Assisted Practice How to Create KeyPair for EC2, Assisted Practice Default VPC Walk

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Through, Assisted Practice Explore Network ACL Firewall and Features, VPC Flow Sequence of Steps Part 1, VPC Flow Sequence of Steps Part 2, Assisted Practice VPC Flow Log

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Head of the Department

Computer Science & Engineering
Avanathi Institute of Engineering & Technology,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: AWS SOLUTIONS ARCHITECT - FOUNDATIONAL LEVEL

ACADEMIC YEAR 2021-22

Date: 10-05-2022

B.TECH III YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	16-05-2022	Introduction to AWS, Course Components and Exam Format ,	09:30 am to 04:00 pm	5 hour
2	17-05-2022	AWS Infrastructure Part 1,AWS Infrastructure Part 2,AWS Infrastructure Part 3	09:30 am to 04:00 pm	5 hour
3	18-05-2022	Assisted Practice Create an AMI image, Placement Group, Cluster Placement Groups, Spread Placement Groups, EC2 Instance	09:30 am to 04:00 pm	5 hour
4	19-05-2022	Introduction to Amazon S3,Components of Amazon S3,Amazon S3 Storage Classes Part 1	09:30 am to 04:00 pm	5 hour
5	20-05-2022	Group, Firewall Network ACL NAC, IP Addresses, Assisted Practice How to,	09:30 am to 04:00 pm	5 hour
6	21-05-2022	Create Key Pair for EC2,Assisted Practice Default VPC Walk Through, Assisted Practice Explore Network ACL Firewall and Features	09:30 am to 04:00 pm	5 hour
Total -30 Hours				

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: III 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	AWS Solutions Architect - Foundational Level	BREAK	AWS Solutions Architect - Foundational Level	LUNCH	AWS Solutions Architect - Foundational Level	BREAK	AWS Solutions Architect - Foundational Level
TUE							
WED							
THU							
FRI							
SAT							

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Computer Science & Engineering
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Ranga Reddy District.



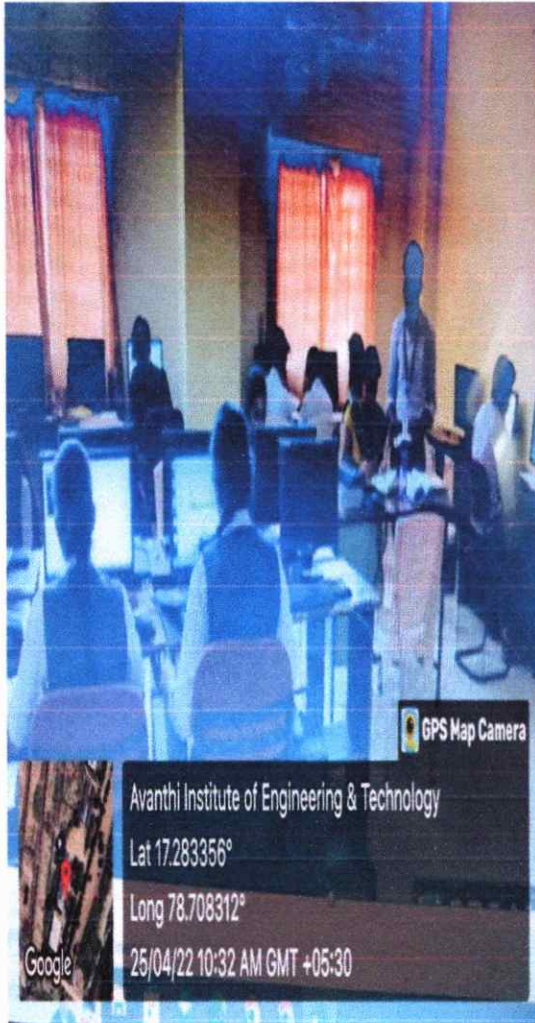
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The Students of III-Year B.Tech certificate program Attending "AWS Solutions Architect - Foundational level" by the resource person "Mr.P.Jagadish" By MANAC InfoTech (P) Limited.'


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: AWS SOLUTIONS ARCHITECT -
FOUNDATIONAL LEVEL

III YEAR II-SEM

Enrolled Students List

Date: 16-05-2022 to 21-05-2022

S.No	Roll Number	Name of The Student
1	19Q61A05C2	Neha Gupta
2	19Q61A05C3	Pasham Swetha
3	19Q61A05C4	Pathuri Nikhith Reddy
4	19Q61A05C5	Peddabandyala Yadi Reddy
5	19Q61A05C6	Pillala Hemanth
6	19Q61A05C7	Puliga Vamsi
7	19Q61A05C8	Rapelli Nikhitha
8	19Q61A05C9	Kalal Avinash Goud
9	19Q61A05D0	Sammata Dinesh
10	19Q61A05D1	Seela Uday Kumar
11	19Q61A05D2	Seshagani Sathwik
12	19Q61A05D3	Shaik Taufeequddin
13	19Q61A05D4	Shashank Reddy
14	19Q61A05D5	Sripathi Abhiram Reddy
15	19Q61A05D6	Thakur Yashraj Singh
16	19Q61A05D7	Thandu Mahender
17	19Q61A05D8	Thekla Pravalika
18	19Q61A05D9	Thumma Sainikhil
19	19Q61A05E0	Uppu Prashanth Sagar
20	19Q61A05E1	Uppula Goutham
21	19Q61A05E2	Uyyalawada Teja
22	19Q61A05E3	Vangala Srinath Reddy
23	19Q61A05E4	Y Sridevi
24	19Q61A05E5	Yaketi Jahangir
25	19Q61A05E6	Yalamchervu Sri Harika
26	19Q61A05E7	Yelala Srija Reddy
27	19Q61A05E8	Vodnala Raj Kumar
28	19Q61A05E9	Yadamalli Praneeth
29	19Q61A05F0	Yadla Yashwanth
30	19Q61A05F1	Yarrabelli Anil Reddy
31	19Q61A05F2	Galve Rakshith



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32	18Q61A0597	Dindu Siddhartha Goud
33	18Q61A0547	Golapalli Vinisha
34	18Q61A0548	Gunamoni Vinay
35	18Q61A0520	Mankala Bhaskar
36	18Q61A0505	Bodolla Sai Kiran
37	18Q61A0541	Palanati Sai Vamshi
38	18Q61A0512	Jakkali Mahendar
39	20Q65A0501	Alle Chandrashekar
40	20Q65A0502	Ankerala Swamy

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: AWS SOLUTIONS ARCHITECT - FOUNDATIONAL LEVEL

III YEAR II-SEM

A.Y 2021-2022

Date: 10-05-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	16.05.22	17.05.22	18.05.22	19.05.22	20.05.22	21.05.22
1	19Q61A05C2	Neha Gupta	P	P	P	P	P	P
2	19Q61A05C3	Pasham Swetha	P	P	P	P	P	P
3	19Q61A05C4	Pathuri Nikhith Reddy	P	P	P	P	P	P
4	19Q61A05C5	Peddabandyala Yadi Reddy	P	P	P	P	P	P
5	19Q61A05C6	Pillala Hemanth	A	A	A	A	A	A
6	19Q61A05C7	Puliga Vamsi	P	P	P	P	P	P
7	19Q61A05C8	Rapelli Nikhitha	P	P	P	P	P	P
8	19Q61A05C9	Kalal Avinash Goud	P	P	P	P	P	P
9	19Q61A05D0	Sammeta Dinesh	P	P	P	P	P	P
10	19Q61A05D1	Seela Uday Kumar	P	P	P	P	P	P
11	19Q61A05D2	Seshagani Sathwik	P	P	P	P	P	P
12	19Q61A05D3	Shaik Taufecquddin	P	P	P	P	P	P
13	19Q61A05D4	Shashank Reddy	P	P	P	P	P	P
14	19Q61A05D5	Sripathi Abhiram Reddy	P	A	P	P	P	P
15	19Q61A05D6	Thakur Yashraj Singh	P	P	P	P	P	P
16	19Q61A05D7	Thandu Mahender	P	P	P	P	P	P
17	19Q61A05D8	Thedla Pravalika	P	P	P	P	P	P
18	19Q61A05D9	Thumma Sainikhil	P	P	P	P	P	P
19	19Q61A05E0	Uppu Prashanth Sagar	P	P	P	P	P	P
20	19Q61A05E1	Uppula Goutham	P	P	P	P	P	P
21	19Q61A05E2	Uyyalawada Teja	P	P	A	P	P	P
22	19Q61A05E3	Vangala Srinath Reddy	P	P	P	P	P	P
23	19Q61A05E4	Y Sridevi	P	P	P	P	P	P
24	19Q61A05E5	Yaketi Jahangir	P	P	P	P	P	P
25	19Q61A05E6	Yalamchervu Sri Harika	P	P	P	P	P	P
26	19Q61A05E7	Yelala Srija Reddy	P	P	P	P	P	P
27	19Q61A05E8	Vodnala Raj Kumar	P	P	P	P	P	P
28	19Q61A05E9	Yadamalli Praneeth	P	P	P	P	P	P
29	19Q61A05F0	Yadla Yashwanth	P	P	P	P	P	P
30	19Q61A05F1	Yarrabelli Anil Reddy	P	P	P	P	P	P



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31	19Q61A05F2	Galve Rakshith	P	P	P	P	P	P
32	18Q61A0597	Dindu Siddhartha Goud	P	P	P	P	P	P
33	18Q61A0547	Golapalli Vinisha	P	P	P	P	P	P
34	18Q61A0548	Gunamoni Vinay	P	P	P	P	P	P
35	18Q61A0520	Mankala Bhaskar	P	P	P	P	P	P
36	18Q61A0505	Bodolla Sai Kiran	P	P	P	P	P	P
37	18Q61A0541	Palanati Sai Vamshi	P	P	P	P	A	P
38	18Q61A0512	Jakkali Mahendar	P	P	P	P	P	P
39	20Q65A0501	Alle Chandrashekar	P	P	P	P	P	P
40	20Q65A0502	Ankerala Swamy	P	P	P	P	P	P

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: AWS SOLUTIONS ARCHITECT - FOUNDATIONAL LEVEL

III YEAR II-SEM

A.Y 2021-2022

Date: 16-05-2022 to 21-05-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A05C2	Neha Gupta	30	100
2	19Q61A05C3	Pasham Swetha	30	100
3	19Q61A05C4	Pathuri Nikhith Reddy	30	100
4	19Q61A05C5	Peddabandyala Yadi Reddy	30	100
5	19Q61A05C6	Pillala Hemanth	0	0
6	19Q61A05C7	Puliga Vamsi	30	100
7	19Q61A05C8	Rapelli Nikhitha	30	100
8	19Q61A05C9	Kalal Avinash Goud	30	100
9	19Q61A05D0	Sammata Dinesh	30	100
10	19Q61A05D1	Seela Uday Kumar	30	100
11	19Q61A05D2	Seshagani Sathwik	30	100
12	19Q61A05D3	Shaik Taufeequddin	30	100
13	19Q61A05D4	Shashank Reddy	30	100
14	19Q61A05D5	Sripathi Abhiram Reddy	25	83.3
15	19Q61A05D6	Thakur Yashraj Singh	30	100
16	19Q61A05D7	Thandu Mahender	30	100
17	19Q61A05D8	Thekla Pravalika	30	100
18	19Q61A05D9	Thumma Sainikhil	30	100
19	19Q61A05E0	Uppu Prashanth Sagar	30	100
20	19Q61A05E1	Uppula Goutham	30	100
21	19Q61A05E2	Uyyalawada Teja	25	83.3
22	19Q61A05E3	Vangala Srinath Reddy	30	100
23	19Q61A05E4	Y Sridevi	30	100
24	19Q61A05E5	Yaketi Jahangir	30	100
25	19Q61A05E6	Yalamchervu Sri Harika	30	100
26	19Q61A05E7	Yelala Srija Reddy	30	100
27	19Q61A05E8	Vodnala Raj Kumar	30	100
28	19Q61A05E9	Yadamalli Praneeth	30	100
29	19Q61A05F0	Yadla Yashwanth	30	100
30	19Q61A05F1	Yarrabelli Anil Reddy	30	100
31	19Q61A05F2	Galve Rakshith	30	100



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33	18Q61A0547	Golapalli Vinisha	30	100
34	18Q61A0548	Gunamoni Vinay	30	100
35	18Q61A0520	Mankala Bhaskar	30	100
36	18Q61A0505	Bodolla Sai Kiran	30	100
37	18Q61A0541	Palanati Sai Vamshi	25	83.3
38	18Q61A0512	Jakkali Mahendar	30	100
39	20Q65A0501	Alle Chandrashekar	30	100
40	20Q65A0502	Ankerala Swamy	30	100

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 28-05-2022

PROGRAM REPORT

Name of Value Added Course: AWS Solutions Architect - Foundational Level

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.P.Jagadish, Technical Trainer, MANAC InfoTech (P).Limited

Name of the Coordinator: Mr.P.Krishnarao, Assistant Professor.

Number of the Participants: 39

Topics covered: The following topics covered in this program

- Introduction to AWS, Course Components and Exam Format.
- Overview of AWS.
- Learning Objective
- Storage services
- Firewall Security.

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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Y.SRIDEVI** Bearing roll number **19Q61A05E4** from the department of **Computer Science and Engineering** completed the value added course on "**AWS SOULTIONS ARCHITECT-FOUNDATIONAL LEVEL**" During the year **2021-22.**


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


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 **P.VAMSI** Bearing roll number **19Q65A05C7** from the department of **Computer Science and Engineering** completed the value added course on **"AWS SOLUTIONS ARCHITECT-FOUNDATIONAL LEVEL"** During the year **2021-22.**


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
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVIH/CSE/AOC/2021-22/II/05

Date: 01-06-2022

CIRCULAR

This is to inform all the II B.Tech CSE students that the Department organizing a value added course on “**Build Python Web Apps with Django & Flask**”. The course is scheduled to run for 06 days from 06-06-2022 to 11-06-2022. 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.J.Baswaraju with Ask Training Service.



HOD

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

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The principal, for kind information

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Notice board

II-II B. Tech CSE students

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ABOUT THE COURSE

Flask and Django are open-source web frameworks used for Python. Both have well-established, mature use communities, are popular and widely supported, and offer developers a way to increase their programming productivity. And the only way you can use either of these frameworks is to learn Python, of course.

COURSE OBJECTIVES

- To develop skills in the application of theory to practical work situations
- To provide students the opportunity to test their interest in a particular career
- To expose students to real work environment experience, gain knowledge in writing report in technical works/projects.
- To build strength, teamwork spirits and self-confidence in student.

EXPECTED OUTCOMES

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

- Apply fundamental principles of the subjects to solve real world problems.
- Become master in at least one specialized area
- Able to communicate efficiently
- Ability to identify, formulate and model problems and find solutions.

Resource Person

Mr.J.Baswaraju

Technical Trainer

ASK Training Service

Co-ordinator

Mr.L.Shivashankar

Assistant Professor

Department of CSE

Class starts from 06-06-2022 to 11-06-2022,10:00 AM to 04:00 PM



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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

“BUILD PYTHON WEB APPS WITH DJANGO & FLASK”

06th JUNE to 11th JUNE 2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Handwritten signature
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILD PYTHON WEB APPS WITH DJANGO & FLASK

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR 2021-22

B.TECH II YEAR-II SEM

Course Objectives:

- To develop skills in the application of theory to practical work situations
- To provide students the opportunity to test their interest in a particular career
- To expose students to real work environment experience, gain knowledge in writing report in technical works/projects.
- To build strength, teamwork spirits and self-confidence in student.

Course Outcomes:

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

- Apply fundamental principles of the subjects to solve real world problems.
- Become master in at least one specialized area
- Able to communicate efficiently
- Ability to identify, formulate and model problems and find solutions.

UNIT 1: Introduction to Python: Variables Numeric Data Types: Int & Float Sequential Types: Str & List If-Elif-Else Statements Creating Python Scripts/Files Definite loops: For loops Indexing Slicing.

UNIT 2: Advanced Data Types in Python Data Types: tuples Dictionaries Reading and Writing txt and csv files

UNIT 3: Introduction to Back-End Web Development using Django HTTP protocol MVC model Virtual environment Django structure Generic Views HTML templates URL dispatcher

UNIT 4: Advanced Django for Web and Automation Custom Views GET and POST methods URL shortener User model Logic in templates Querying models Serving Staticfiles Deployment of Django Automating tasks with Django

UNIT 5: Building Web APIs using Django REST Generic Views in Django Rest Serializers JSON Building RESTful APIs Filtering Models Working with Images Authentication with tokens Postman Related models Contenttypes app

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HOD
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILD PYTHON WEB APPS WITH DJANGO & FLASK

ACADEMIC YEAR 2021-22

Date: 01-06-2022

B.TECH II YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	06-06-2022	Variables Numeric Data Types: Int & Float Sequential Types: Str & List If-Elif-Else Statements Creating Python Scripts/Files Definite loops	09:30 am to 04:00 pm	5 hour
2	07-06-2022	Advanced Data Types in Python Data Types: tuples Dictionaries Reading and Writing txt and csv files	09:30 am to 04:00 pm	5 hour
3	08-06-2022	Introduction to Back-End Web Development using Django HTTP protocol MVC model Virtual environment Django structure Generic Views HTML templates URL dispatcher	09:30 am to 04:00 pm	5 hour
4	09-06-2022	Advanced Django for Web and Automation Custom Views GET and POST methods URL shortener User model Logic in templates Querying models Serving Staticfiles	09:30 am to 04:00 pm	5 hour
5	10-06-2022	Building Web APIs using Django REST Generic Views in Django Rest Serializers JSON Building RESTful APIs Filtering,	09:30 am to 04:00 pm	5 hour
6	11-06-2022	Models Working with Images Authentication with tokens Postman Related models Contenttypes app	09:30 am to 04:00 pm	5 hour
Total -30 Hours				


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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	Build Python Web Apps with Django & Flask	BREAK	Build Python Web Apps with Django & Flask	LUNCH	Build Python Web Apps with Django & Flask	BREAK	Build Python Web Apps with Django & Flask
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technol
Gunthapally (VIII), Abdullapur Met (Md
Ranga Reddy District.



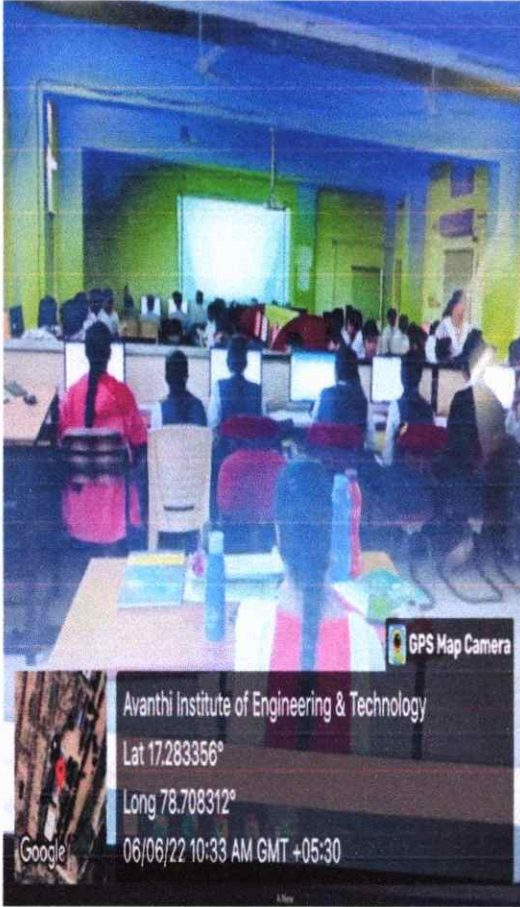
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The Students of II-Year B.Tech certificate program Attending “Build Python Web Apps with Django & Flask” by the resource person “Mr.J.Baswaraju ” By ‘Ask Training Service’.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: **BUILD PYTHON WEB APPS WITH
DJANGO & FLASK**

II YEAR II-SEM ENROLLED STUDENTS LIST Date: 06-06-2022 to 11-06-2022

S.No	Roll Number	Name of The Student
1	20Q61A0591	Malreddy Adithya
2	20Q61A0592	Mandugula Sadhwika
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	Vankaju Purnanandha
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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILD PYTHON WEB APPS WITH DJANGO & FLASK

II YEAR II-SEM

A.Y 2021-2022

Date: 01-06-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	06.06.22	07.06.22	08.06.22	09.06.22	10.06.22	11.06.22
1	20Q61A0591	Malreddy Adithya	P	P	P	P	P	P
2	20Q61A0592	Mandugula Sadhwika	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	A	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	A	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	Vankaju Purnanandha	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	A	A	A	A	A	A
15	21Q65A0502	Bollampalli Madhu	P	P	P	P	P	P
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	A	A	A	A	A	A
26	21Q65A0513	Thouti Suvarchala Datri	P	P	A	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

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Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE NAME: BUILD PYTHON WEB APPS WITH DJANGO & FLASK

II YEAR II-SEM

A.Y 2021-2022

Date: 06-06-2022 to 11-06-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0591	Malreddy Adithya	30	100
2	20Q61A0592	Mandugula Sadhwika	30	100
3	20Q61A0593	Minukuri Sai Prakash Reddy	30	100
4	20Q61A0594	Miyapuram Raja Vikas	25	83.3
5	20Q61A0595	Patibandla Chaitanya	30	100
6	20Q61A0596	Puli Hari Krishna	30	100
7	20Q61A0597	Singireddy Mahalaxmi	25	83.3
8	20Q61A0598	Singireddy Ruthish Reddy	30	100
9	20Q61A0599	Somagani Navya	30	100
10	20Q61A05A0	Vankaju Purnanandha	30	100
11	20Q61A05A1	Yasa Mahesh Reddy	30	100
12	20Q61A05A2	Gajaula Venkatesh	30	100
13	20Q61A05A3	Padala Abhilash	30	100
14	21Q65A0501	B Srikanth	0	0
15	21Q65A0502	Bollampalli Madhu	30	100
16	21Q65A0503	Donthula Harish	30	100
17	21Q65A0504	Gorati Yamini	30	100
18	21Q65A0505	Goroju Upendra Chary	30	100
19	21Q65A0506	Kirthi Harshith	30	100
20	21Q65A0507	Lakshetti Manideep	30	100
21	21Q65A0508	M Chanakya	30	100
22	21Q65A0509	Marri Sravankumar	30	100
23	21Q65A0510	Mekala Srinath	30	100
24	21Q65A0511	R Sunil	30	100
25	21Q65A0512	Shyamala Lakshmi Prasanna	0	0
26	21Q65A0513	Thouti Suvarchala Datri	25	83.3
27	21Q65A0514	Dantapally Sai Krishna Reddy	30	100
28	21Q65A0515	Dornala Deekshith	30	100
29	21Q65A0516	Katkuri Rajesh	30	100
30	21Q65A0517	Ramya Sri Sai Kanumolu	30	100


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Ranga Reddy Dist, Telangana.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 16-06-2022

PROGRAM REPORT

Name of Value Added Course: Build Python Web Apps with Django & Flask

Day/Duration: 30 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.J.Baswaraju, Technical Trainer, Ask Training Service.

Name of the Coordinator: Mr.L.Shiva Shankar, Assistant Professor

Number of the Participants: 28

Topics covered: The following topics covered in this program

- Introduction to Python.
- Advanced Data Types in Python Data Types
- Introduction to Back-End Web Development using Django
- Advanced Django for Web and Automation Custom Views
- Models Working with Images Authentication with tokens Postman Related models Contenttypes app.

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Department of Computer Science & Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.YAMINI** Bearing roll number **21Q65A0504** from the department of **Computer Science and Engineering** completed the value added course on "**BUILD PYTHON WEB APPS WITH DJANGO & FLASK**" During the year **2021-22**.


Head of the Department
Computer Science & Engineering
Head of The Department
Avanathi Institute of Engineering & Technol
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.


Co-Ordinator
CO-ORDINATOR
Avanathi Institute of Engineering & Techno
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Ranga Reddy Dist, Telangana.


Principal
PRINCIPAL
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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.RAJESH** Bearing roll number **21Q65A0516** from the department of **Computer Science and Engineering** completed the value added course on "**BUILD PYTHON WEB APPS WITH DJANGO & FLASK**" During the year **2021-22**.


Head of the Department

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


Co-Ordinator

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


AVIH/ECE/AOC/CIR/2021-22/I/01

Date: 16-09-2021

CIRCULAR

This is to inform all the III B.Tech ECE students that the Department organizing an value added course on" **Modern Chip Design and Its Applications**". The course is scheduled to run for 06 days from 20-09-2021 to 25-09-2021.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.P.Mahendar Reddy with WEBTEK Labs Pvt Ltd.


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

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III.B. Tech ECE students
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ABOUT THE COURSE

Introduction to IC Technology-MOS, PMOS, NMOS, CMOS & BICMOS Basic Electrical Properties: Basic Electrical Properties of MOS and BICMOS Circuits VLSI Circuit Design Processes: VLSI Design Flow, MOS Layers, Stick Diagrams, Design Rules and Layout Transistors Layout Diagrams for NMOS and CMOS Inverters and Gates, Scaling of MOS circuits Gate Level Design: Logic Gates and Other complex gates. Switch logic Data Path Subsystems Programmable Logic Devices: Design Approach - PLA, PAL, Standard Cells FPGAS, CPLDs. CMOS.

COURSE OBJECTIVES

The objectives of the course are to: Give exposure to different steps involved in the fabrication of ICS. Explain the electrical properties of MOS and BICMOS devices to analyze the behavior of inverters designed with various loads Give exposure to the design rules to be followed to draw the layout of any logic circuit. Provide design concepts to design building blocks of the date path of any system using gates. Understand basic programmable logic devices and testing of CMOS circuits.

EXPECTED OUTCOMES

The student will be able to. Acquire qualitative knowledge about the fabrication process of integrated circuits using MOS transistors. 2. Draw the layout of any logic circuit which helps to understand and estimate the parasitic effect of any logic circuit. Design building blocks of data path systems, memories, and simple logic circuits using PLA, PAL, FPGA, and CPLD. Understand different types of faults that can occur in a system and learn the concept of testing and adding extra hardware to improve the testability of the system

Resource Person

Mr.P.Mahendar Reddy

Technical Trainer

WEBTEK Labs Pvt Ltd

Co-ordinator

Mrs.Sravanthi

Assistant Professor

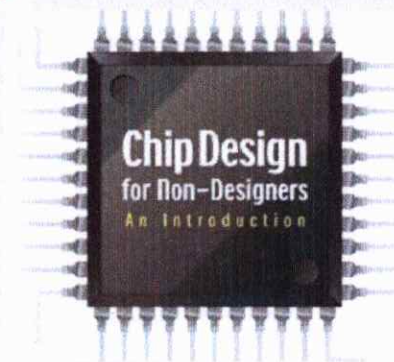
Department of ECE

LAST DATE FOR REGISTRATION:15th SEP,2021



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ADD-ON COURSE ON

“MODERN CHIP DESIGN AND ITS APPLICATIONS”

20th SEP TO 25th SEP,2021

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: **MODERN CHIP DESIGN AND ITS**

APPLICATIONS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH III YEAR-I SEM

Course Objective:

- To understand basic programmable logic devices and testing of CMOS circuits
- To explain the electrical properties of MOS and BICMOS devices to analyze the behavior of inverters designed with various loads
- Give exposure to different steps involved in the fabrication of ICs
- To understand basic programmable logic devices and testing of CMOS circuits.
- To learn chip level Test Techniques

UNIT-I: Introduction to IC Technology - MOS, PMOS, NMOS, CMOS & BiCMOS Basic Electrical Properties: Basic Electrical Properties of MOS and BICMOS Circuits: Ids-Vds relationships, MOS transistor threshold Voltage, gm, gds, Figure of merit; Pass transistor, NMOS Inverter, Various pull ups, CMOS Inverter analysis and design, Bi-CMOS Inverters.

UNIT-II: VLSI Circuit Design Processes: VLSI Design Flow, MOS Layers, Stick Diagrams, Design Rules and Layout, Transistors Layout Diagrams for NMOS and CMOS Inverters and Gates, Scaling of MOS circuits.

UNIT-III: Gate Level Design: Logic Gates and Other complex gates, Switch logic, Alternate gate circuits, Time delays, Driving large capacitive loads, Wiring capacitance, Fan-in, Fan-out.

UNIT - IV: Data Path Subsystems: Subsystem Design, Shifters, Adders, ALUS, Multipliers, Parity generators, Comparators, Zero/One Detectors, Counters. Array Subsystems: SRAM, DRAM, ROM, Serial Access Memories.

UNIT - V: Programmable Logic Devices: Design Approach - PLA, PAL, Standard Cells FPGAs, CPLDs. CMOS Testing: CMOS Testing, Test Principles, Design Strategies for test, Chip level Test Techniques.

TEXT BOOKS:

1. Essentials of VLSI circuits and systems- Kamran Eshraghian, Eshraghian Douglas and A. Pucknell, PHI, 2005 Edition

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2. CMOS VLSI Design - A Circuits and Systems Perspective, Neil H. E Weste, David Harris, Ayan Banerjee, 3rd Ed, Pearson, 2009.

REFERENCE BOOK:

1. Introduction to VLSI Systems: A Logic, Circuit and System Perspective - Ming-BO Lin, CRC Press, 2011
2. CMOS logic circuit Design - John. P. Uyemura, Springer, 2007.

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

HOD

Head of the Department
Electronics & Communication Engineer
Avanthi Institute of Engineering & Technol
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE NAME: MODERN CHIP DESIGN AND ITS APPLICATIONS

ACADEMIC YEAR: 2021-2022

Date: 16-09-2021

B.Tech III YEAR-I SEM

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	20-09-2021	Introduction to IC Technology - MOS, PMOS, NMOS, CMOS & BiCMOS Basic Electrical Properties	9:30 am to 04:00 pm	6 hour
2	21-09-2021	VLSI Circuit Design Processes: VLSI Design Flow, MOS Layers, Stick Diagrams	9:30 am to 04:00 pm	6 hour
3	22-09-2021	Gate Level Design: Logic Gates and Other complex gates, Switch logic, Alternate gate circuits	9:30 am to 04:00 pm	6 hour
4	23-09-2021	Data Path Subsystems: Subsystem Design, Shifters, Adders, ALUS, Multipliers, Parity generators, Comparators	9:30 am to 04:00 pm	6 hour
5	24-09-2021	Programmable Logic Devices: Design Approach - PLA, PAL, Standard Cells FPGAs, CPLDs. CMOS Testing: CMOS Testing,	9:30 am to 04:00 pm	6 hour
6	25-09-2021	Test Principles, Design Strategies for test, Chip level Test Techniques	9:30 am to 04:00 pm	6 hour
Total -36 hours				


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Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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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	Modern Chip Design and Its Applications	BREAK	Modern Chip Design and Its Applications	LUNCH	Modern Chip Design and Its Applications	BREAK	Modern Chip Design and Its Applications
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department
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Ranga Reddy District.



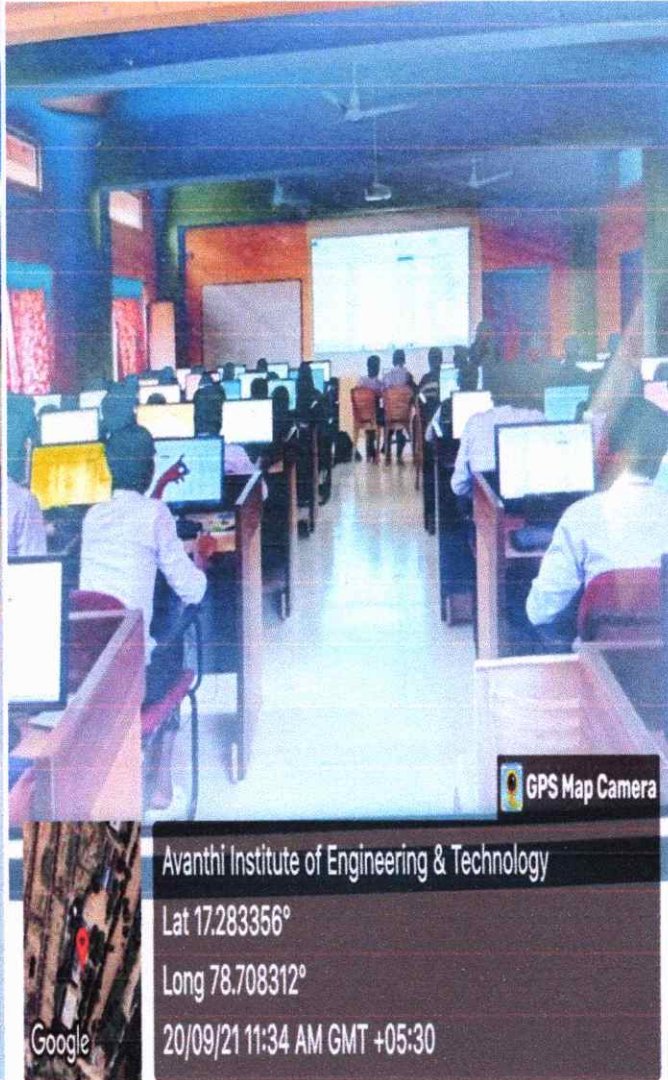
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The Students of III year B.Tech Certificate Program Attending "Modern Chip Design and its Applications" by Resource Person "Mr.P.Mahendar Reddy" By "WEBTEK Labs Pvt Ltd".


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **MODERN CHIP DESIGN AND ITS APPLICATIONS**

III YEAR I-SEM

Enrolled Students List

Date: 20-09-2021 to 25-09-2021


S.No	Roll Number	Name of The Student
1	18Q61A0448	Boppa Madhu
2	19Q61A0401	Aitha Swamynath
3	19Q61A0402	Akkela Swetha
4	19Q61A0403	Ala Sri Teja Reddy
5	19Q61A0404	Amit Kumar Samal
6	19Q61A0405	Artham Anjali
7	19Q61A0406	Aytha Pavan Kalyan
8	19Q61A0407	Baddula Apoorva
9	19Q61A0408	Bandaru Ram Reddy
10	19Q61A0409	Bandi Sindhu
11	19Q61A0410	Barla Anil Kumar
12	19Q61A0411	Bathula Prashanth
13	19Q61A0412	Bramadhevara Varun
14	19Q61A0413	Chirumamilla Sai Teja
15	19Q61A0414	Desi Deekshitha
16	19Q61A0415	Donda Sampath Reddy
17	19Q61A0416	Enabothula Nagaraju
18	19Q61A0417	Gaddam Sahana
19	19Q61A0418	Gone Manohar
20	19Q61A0419	Gorla Akshaya
21	19Q61A0420	Gorrepati Yaswanth
22	19Q61A0421	Gouni Srinika Reddy
23	19Q61A0422	Gummula Anupama
24	19Q61A0423	Gummula Sripathi
25	19Q61A0424	Irukulapati Sai Charan
26	19Q61A0425	Jagadabi Venu Gopal
27	19Q61A0426	K Ajay Karthik
28	19Q61A0427	Kappera Anoosha
29	19Q61A0428	Kodem Devanand
30	19Q61A0429	Kommanaboina Pradeep
31	19Q61A0430	Koripelli Aishwarya
32	19Q61A0431	Lagga Saikoushik


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MODERN CHIP DESIGN AND ITS APPLICATIONS

III YEAR I-SEM

A.Y 2021-2022

Date: 16-09-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	20.09.21	21.09.21	22.09.21	23.09.21	24.09.21	25.09.21
1	18Q61A0448	Boppa Madhu	P	P	P	P	P	P
2	19Q61A0401	Aitha Swamynath	P	P	P	A	P	P
3	19Q61A0402	Akkela Swetha	P	P	P	P	P	P
4	19Q61A0403	Ala Sri Teja Reddy	P	P	P	P	P	P
5	19Q61A0404	Amit Kumar Samal	P	P	P	P	P	P
6	19Q61A0405	Artham Anjali	P	P	P	P	P	P
7	19Q61A0406	Aytha Pavan Kalyan	P	P	P	P	P	P
8	19Q61A0407	Baddula Apoorva	P	P	P	P	P	P
9	19Q61A0408	Bandaru Ram Reddy	A	A	A	A	A	A
10	19Q61A0409	Bandi Sindhu	P	P	P	P	P	P
11	19Q61A0410	Barla Anil Kumar	P	P	P	P	P	P
12	19Q61A0411	Bathula Prashanth	P	P	P	P	P	P
13	19Q61A0412	Bramadhevara Varun	P	P	P	P	P	P
14	19Q61A0413	Chirumamilla Sai Teja	P	P	P	P	P	P
15	19Q61A0414	Desi Deekshitha	P	P	P	P	P	P
16	19Q61A0415	Donda Sampath Reddy	P	P	P	P	P	P
17	19Q61A0416	Enabothula Nagaraju	P	P	P	P	P	P
18	19Q61A0417	Gaddam Sahana	P	P	P	P	P	P
19	19Q61A0418	Gone Manohar	A	A	A	A	A	A
20	19Q61A0419	Gorla Akshaya	P	P	P	P	P	P
21	19Q61A0420	Gorrapati Yaswanth	P	P	P	P	P	P
22	19Q61A0421	Gouni Srinika Reddy	P	P	P	P	P	P
23	19Q61A0422	Gummula Anupama	P	P	P	P	P	P
24	19Q61A0423	Gummula Sripathi	P	P	P	P	P	P
25	19Q61A0424	Irukulapati Sai Charan	P	P	P	P	P	P
26	19Q61A0425	Jagadabi Venu Gopal	P	P	A	P	P	P
27	19Q61A0426	K Ajay Karthik	P	P	P	P	P	P
28	19Q61A0427	Kappera Anoosha	P	P	P	P	P	P
29	19Q61A0428	Kodem Devanand	A	P	P	P	P	P
30	19Q61A0429	Kommanaboina Pradeep	P	P	P	P	P	P
31	19Q61A0430	Koripelli Aishwarya	P	P	P	P	P	P
32	19Q61A0431	Lagga Saikoushik	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: MODERN CHIP DESIGN AND ITS APPLICATIONS

III YEAR I-SEM

A.Y 2021-2022

Date: 20-09-2021 to 25-09-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	18Q61A0448	Boppa Madhu	36	100
2	19Q61A0401	Aitha Swamynath	30	83.3
3	19Q61A0402	Akkela Swetha	36	100
4	19Q61A0403	Ala Sri Teja Reddy	36	100
5	19Q61A0404	Amit Kumar Samal	36	100
6	19Q61A0405	Artham Anjali	36	100
7	19Q61A0406	Aytha Pavan Kalyan	36	100
8	19Q61A0407	Baddula Apoorva	36	100
9	19Q61A0408	Bandaru Ram Reddy	0	0
10	19Q61A0409	Bandi Sindhu	36	100
11	19Q61A0410	Barla Anil Kumar	36	100
12	19Q61A0411	Bathula Prashanth	36	100
13	19Q61A0412	Bramadhevara Varun	36	100
14	19Q61A0413	Chirumamilla Sai Teja	36	100
15	19Q61A0414	Desi Deekshitha	36	100
16	19Q61A0415	Donda Sampath Reddy	36	100
17	19Q61A0416	Enabothula Nagaraju	36	100
18	19Q61A0417	Gaddam Sahana	36	100
19	19Q61A0418	Gone Manohar	0	0
20	19Q61A0419	Gorla Akshaya	36	100
21	19Q61A0420	Gorrepati Yaswanth	36	100
22	19Q61A0421	Gouni Srinika Reddy	36	100
23	19Q61A0422	Gummula Anupama	36	100
24	19Q61A0423	Gummula Sripathi	36	100
25	19Q61A0424	Irukulapati Sai Charan	36	100
26	19Q61A0425	Jagadabi Venu Gopal	30	83.3
27	19Q61A0426	K Ajay Karthik	36	100
28	19Q61A0427	Kappera Anoosha	36	100
29	19Q61A0428	Kodem Devanand	30	83.3
30	19Q61A0429	Kommanaboina Pradeep	36	100
31	19Q61A0430	Koripelli Aishwarya	36	100
32	19Q61A0431	Lagga Saikoushik	36	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 05-10-2021

PROGRAM REPORT

Name of the Value Added Course: Modern Chip Design and Its Applications

Day/Duration: 36 hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.P.Mahendar Reddy, Technical Trainer with WEBTEK

Name of the Coordinator: Mrs.Sravanthi Assistant Professor

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Fabrications of ICs
- MOS/CMOS/BICMOS
- Counters
- Programmable Logic Devices
- CMOS Testing


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Avanthi Institute of Engineering & Technology,
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WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SWAMYNATH** Bearing Reg.No **19Q61A0401** is participated in “**MODERN CHIP DESIGN AND IT’S APPLICATIONS**” course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **20/09/2021** to **25/09/2021**.


DIRECTOR


CO ORDINATOR
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Head of the Department
HOD ECE
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.



WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **L.SAIKOUSHIK** Bearing Reg.No **19Q61A0311** is participated in “**MODERN CHIP DESIGN AND IT’S APPLICATIONS**” course conducted at the **Avanthi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy**, in Association with **WEBTEKLabs Pvt.Ltd.** from **20/09/2021** to **25/09/2021**.


Manish Das

DIRECTOR


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Head of HOD/ECE
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/I/02

Date: 20-10-2021

CIRCULAR


This is to inform all the III B.Tech ECE students that the Department organizing a value added course on "**Design of Smart Antenna Systems and its importance**". Department Advisory Committee has been identified. **Dr.N.Ashok Kumar, Professor, Department of ECE** as a resource person for this course. The course is scheduled to run for 06 days from 25-10-2021 to 30-10-2021. 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 **Dr.N.Ashok Kumar** with Kasi Reddy Narayana Reddy College of Engineering & Technology.


Head of the Department
HOD
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Avanathi Institute of Engineering & Technology
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IQAC
Notice Board
III.B. Tech ECE students
Dept. file


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ABOUT THE COURSE

In this course, introduce about Antenna Theory: Antennas, Radiation concept. Types of Antennas, Antenna parameters, Friis Transmission equation Aperture Antenna: Introduction Microstrip Radiators: Introduction, Rectangular Microstrip Antenna analysis and Design, Circular Microstrip Antenna Analysis and Design, Microstrip Slot Antennas: Wave guide fed slots, Radiation mechanism. Microstrip slot antennas. Introduction to rectangular slot antennas, narrow, wide, tapered and circularly polarized slot antennas. Annular slot antennas. Comparison of microstrip slot antennas with patch antennas Micro Strip Antenna Arrays: Introduction Micro strip array antennas, Characteristics of fixed beam linear antenna arrays, Linear microstrip arrays. Characteristics of planar arrays, Microstrip planar arrays, Microstrip scanned array antennas Phase scanned microstrip arrays Time delay scanning Electronic feed switching, Frequency scanned microstrip arrays

COURSE OBJECTIVES

To familiarize the basic concepts of antenna parameters and radiation mechanism. To analyze aperture

antennas with the knowledge of various theorems. To study the principles of frequency independent antenna design. To understand, analyze and synthesize array antennas and also know the concepts of smart antennas.

EXPECTED OUTCOMES

The student will be able to Analyze the different types of antennas with the help of basic antenna fundamentals. Utilize the various microwave antennas by understanding the principle of working of it. Apply the knowledge in the design of various microwave aperture antennas. Acquire basic knowledge of smart antenna design.

Resource Person
Dr.N.Ashok Kumar
Assistant Professor
Department of ECE
KNR College of Eng

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

LAST DATE FOR REGISTRATION:22nd OCT,2021



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ADD-ON COURSE ON

“DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE”

25th TO 30th OCT,2021

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: DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH III YEAR-I SEM

Course Objective:

- To understand the basic concepts of Smart antennas
- To study the principles of frequency independent antenna design
- To analyze the Integration and Simulation of Smart Antennas
- To analyze and synthesize array antennas and also know the concepts of Smart antennas.
- To Learn Space-Time Beam forming

UNIT- I: Smart Antennas: Introduction, Need for Smart Antennas, Overview, Smart Antenna Configurations, Switched-Beam Antennas, Adaptive Antenna Approach, Space Division Multiple Access (SDMA), Architecture of a Smart Antenna System, Receiver, Transmitter, Benefits and Drawbacks, Basic Principles, Mutual Coupling Effects.

UNIT- II: DOA Estimation Fundamentals: Introduction, Array Response Vector, Received Signal Model, Subspace-Based Data Model, Signal Auto covariance, Conventional DOA Estimation Methods, Conventional Beam forming Method, Capon's Minimum Variance Method, Subspace Approach to DO Estimation, MUSIC Algorithm, ESPRIT Algorithm, Uniqueness of DOA Estimates

UNIT - III : Beam Forming Fundamentals: Classical Beam former, Statistically Optimum Beam forming Weight Vectors, Maximum SNR Beam former, Multiple Side lobe Canceller and Maximum SINR Beam Former, Minimum Mean Square Error (MSE), Direct Matrix Inversion (DMI), Linearly Constrained Minimum Variance (LCMV), Adaptive Algorithms for Beam forming.

UNIT - IV: Integration and Simulation of Smart Antennas: Overview, Antenna Design, Mutual Coupling, Adaptive Signal Processing Algorithms, DOA, Adaptive Beam forming, Beam forming and Diversity Combining for Rayleigh-Fading, Channel, Trellis-Coded Modulation (TCM) for Adaptive O Manage mate Arrays, Smart Antenna Systems for Mobile Adhoc Networks (MANETs), Protocol, Simulations, Discussion.

UNIT -V: Space Time Processing Introduction, Discrete Space-Time Channel and Signal Models, Space – Time an Intel symbol Co-Channel Suppression, Space-Time Processing for DSSSS, in MIMO Systems

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TEXT BOOKS

1. Constantine A. Balanis & Panayiotis I. Ioannidis, "Introduction to Smart Antennas", Morgan & Claypool Publishers' series-2007
2. Joseph C. Liberti Jr., Theodore S Rappaport, "Smart Antennas for Wireless Communications IS-95 and Third Generation CDMA Applications", PTR - PH publishers, 1st Edition, 1989.

REFERENCE BOOKS:

1. T.S Rappaport, "Smart Antennas Adaptive Arrays Algorithms and Wireless Position Location", IEEE press 1998, PTR - PH publishers 1999
2. Lal Chand Gadara, "Smart Antennas", CRC Press, LLC-20

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE

ACADEMIC YEAR: 2021-2022

Date: 20-10-2021

B.TECH III YEAR -I SEM

DAY WISE SCHEDULE SHEET


S.No	DAY	Topic	Timings	Duration
1	25-10-2021	Smart Antennas: Introduction, Need for Smart Antennas, Overview, Smart Antenna Configurations, Switched-Beam Antennas	09:30 am to 04: 00 pm	6 Hours
2	26-10-2021	DOA Estimation Fundamentals: Introduction, Array Response Vector, Received Signal Model, Subspace-Based Data Model	09:30 am to 04: 00 pm	6 Hours
3	27-10-2021	Beam Forming Fundamentals: Classical Beam former, Statistically Optimum Beam forming Weight Vectors, Maximum SNR Beam former	09:30 am to 04: 00 pm	6 Hours
4	28-10-2021	Integration and Simulation of Smart Antennas: Overview, Antenna Design, Mutual Coupling, Adaptive Signal Processing Algorithms, DOA, Adaptive Beam forming	09:30 am to 04: 00 pm	6 Hours
5	29-10-2021	Spare Time Processing Introduction, Discrete Space-Time Channel and Signal Models,	09:30 am to 04: 00 pm	6 Hours
6	30-10-2021	Space – Time an Intel symbol Co-Channel Suppression, Space-Time Processing for DSCDMA, in MIMO Systems	09:30 am to 04: 00 pm	6 Hours
Total-36 Hours				


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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	Design of Smart Antenna Systems and its importance	BREAK	Design of Smart Antenna Systems and its importance	LUNCH	Design of Smart Antenna Systems and its importance	BREAK	Design of Smart Antenna Systems and its importance
TUE							
WED							
THU							
FRI							
SAT							


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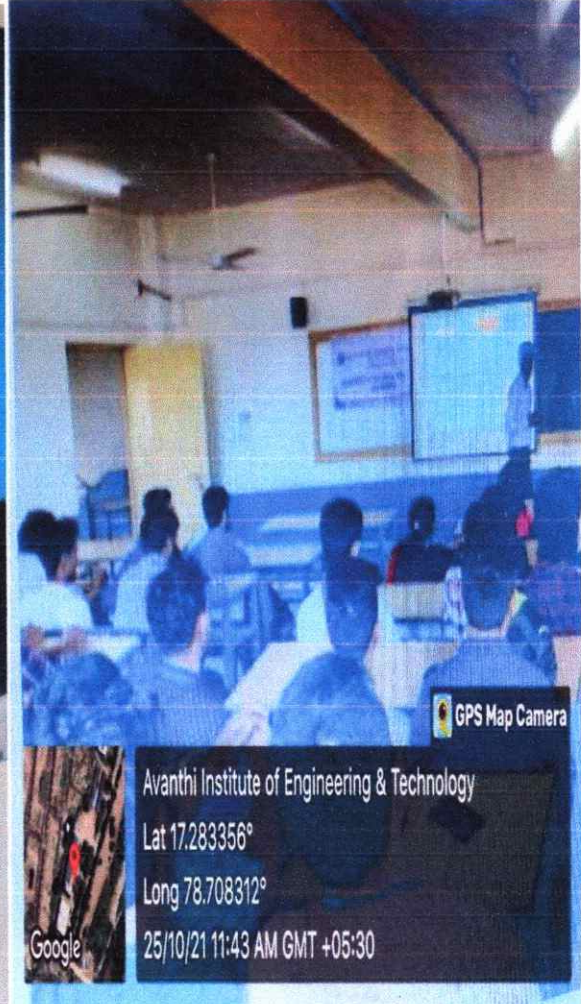
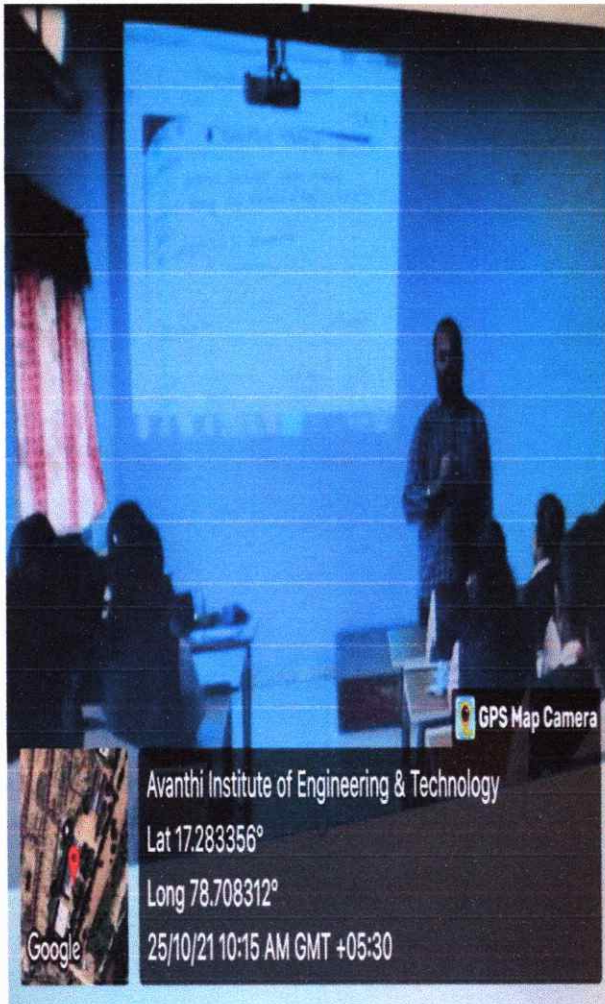
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The Students of III-Year B.Tech Certificate program attending "Design of Smart Antenna Systems and its Importance" by Resource Person "Dr.N.Ashok Kumar, Professor "By KNR Engineering College

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE**

III YEAR I-SEM

Enrolled Students List

Date: 25-10-2021 to 30-10-2021

S.No	Roll Number	Name of The Student
1	19Q61A0432	Maddineni Mahesh
2	19Q61A0433	Madhavaram Shiva Prasad
3	19Q61A0434	Mankal Supriya
4	19Q61A0435	Merugu Akash
5	19Q61A0436	Motam Navadeep
6	19Q61A0437	Munagala Dhanush
7	19Q61A0438	Nagollu Nikitha Reddy
8	19Q61A0439	Palvai Vigneshwar Reddy
9	19Q61A0440	Peesu Alekya
10	19Q61A0441	Pinnapureddy Mythli Reddy
11	19Q61A0442	Rangineni Gopi
12	19Q61A0443	Shivannagari Venkat Reddy
13	19Q61A0444	Siddiraju Sai Kalyan Teja
14	19Q61A0445	Ushkagula Manohar
15	19Q61A0446	Vangala Chithra Reddy
16	19Q61A0447	Veeramalla Sandeep Kumar
17	19Q61A0448	Veluvali Satya Madhunika
18	19Q61A0449	Vilasagaram Gopikrishna
19	19Q61A0450	Vittamsetti Praveen Kumar
20	19Q61A0451	Y Bheem Shanker
21	19Q61A0452	Yadarapu Manisha
22	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta
23	19Q61A0454	Alle Kesari Vijendra Simha
24	19Q61A0455	Ara Saipriya
25	19Q61A0456	Avuluri Venugopal Reddy
26	19Q61A0457	Bandaruu Raju
27	19Q61A0458	Bheemanaboina Saikirann
28	19Q61A0459	Devesh Agarwal
29	19Q61A0460	Guda Rahul
30	19Q61A0461	Guduri Prashanth Kumar
31	19Q61A0462	Jujuva Rajjath Kumar
32	19Q61A0463	K Srikanth

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE

III YEAR I-SEM

A.Y 2021-2022

Date: 20-10-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	25.10.21	26.10.21	27.10.21	28.10.21	29.10.21	30.10.21
1	19Q61A0432	Maddineni Mahesh	P	P	P	P	P	P
2	19Q61A0433	Madhavaram Shiva Prasad	P	P	P	P	P	P
3	19Q61A0434	Mankal Supriya	P	P	A	P	P	P
4	19Q61A0435	Merugu Akash	P	P	P	P	P	P
5	19Q61A0436	Motam Navadeep	P	P	P	P	P	P
6	19Q61A0437	Munagala Dhanush	P	P	P	P	P	P
7	19Q61A0438	Nagollu Nikitha Reddy	P	P	P	P	P	P
8	19Q61A0439	Palvai Vigneshwar Reddy	P	P	P	P	P	P
9	19Q61A0440	Peesu Alekya	P	P	P	P	P	P
10	19Q61A0441	Pinnapureddy Mythli Reddy	P	P	P	P	P	P
11	19Q61A0442	Rangineni Gopi	P	P	P	P	P	P
12	19Q61A0443	Shivannagari Venkat Reddy	A	A	A	A	A	A
13	19Q61A0444	Siddiraju Sai Kalyan Teja	P	P	P	P	P	P
14	19Q61A0445	Ushkagula Manohar	P	P	P	P	P	P
15	19Q61A0446	Vangala Chithra Reddy	P	P	P	P	P	P
16	19Q61A0447	Veeramalla Sandeep Kumar	P	P	P	P	P	P
17	19Q61A0448	Veluvali Satya Madhunika	P	P	P	P	P	P
18	19Q61A0449	Vilasagaram Gopikrishna	P	P	P	P	P	P
19	19Q61A0450	Vittamsetti Praveen Kumar	P	P	P	P	P	P
20	19Q61A0451	Y Bheem Shanker	P	P	P	P	P	P
21	19Q61A0452	Yadarapu Manisha	A	A	A	A	A	A
22	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta	P	P	P	P	P	P
23	19Q61A0454	Alle Kesari Vijendra Simha	P	P	P	P	P	P
24	19Q61A0455	Ara Saipriya	P	P	P	P	P	P
25	19Q61A0456	Avuluri Venugopal Reddy	P	P	P	P	P	P
26	19Q61A0457	Bandaruu Raju	P	P	P	P	P	P
27	19Q61A0458	Bheemanaboina Saikirann	P	P	P	P	P	P
28	19Q61A0459	Devesh Agarwal	P	P	P	P	P	P
29	19Q61A0460	Guda Rahul	P	P	P	P	P	P
30	19Q61A0461	Guduri Prashanth Kumar	P	A	P	P	P	P
31	19Q61A0462	Jujuva Rajjath Kumar	P	P	P	P	P	P
32	19Q61A0463	K Srikanth	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE

III YEAR I-SEM

A.Y 2021-2022

Date: 25-10-2021 to 30-10-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0432	Maddineni Mahesh	36	100
2	19Q61A0433	Madhavaram Shiva Prasad	36	100
3	19Q61A0434	Mankal Supriya	30	83.3
4	19Q61A0435	Merugu Akash	36	100
5	19Q61A0436	Motam Navadeep	36	100
6	19Q61A0437	Munagala Dhanush	36	100
7	19Q61A0438	Nagollu Nikitha Reddy	36	100
8	19Q61A0439	Palvai Vigneshwar Reddy	36	100
9	19Q61A0440	Peesu Alekya	36	100
10	19Q61A0441	Pinnapureddy Mythli Reddy	36	100
11	19Q61A0442	Rangineni Gopi	36	100
12	19Q61A0443	Shivannagari Venkat Reddy	0	0
13	19Q61A0444	Siddiraju Sai Kalyan Teja	36	100
14	19Q61A0445	Ushkagula Manohar	36	100
15	19Q61A0446	Vangala Chithra Reddy	36	100
16	19Q61A0447	Veeramalla Sandeep Kumar	36	100
17	19Q61A0448	Veluvali Satya Madhunika	36	100
18	19Q61A0449	Vilasagaram Gopikrishna	36	100
19	19Q61A0450	Vittamsetti Praveen Kumar	36	100
20	19Q61A0451	Y Bheem Shanker	36	100
21	19Q61A0452	Yadarapu Manisha	0	0
22	19Q61A0453	Adhhikari Pandu Siva Sai Manikanta	36	100
23	19Q61A0454	Alle Kesari Vijendra Simha	36	100
24	19Q61A0455	Ara Saipriya	36	100
25	19Q61A0456	Avuluri Venugopal Reddy	36	100
26	19Q61A0457	Bandaruu Raju	36	100
27	19Q61A0458	Bheemanaboina Saikirann	36	100
28	19Q61A0459	Devesh Agarwal	36	100
29	19Q61A0460	Guda Rahul	36	100
30	19Q61A0461	Guduri Prashanth Kumar	30	83.3
31	19Q61A0462	Jujuva Rajjath Kumar	36	100
32	19Q61A0463	K Srikanth	36	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 05-11-2021

PROGRAM REPORT

Name of the Value Added Course: Design of Smart Antenna Systems and Its Importance

Day/Duration: 36 Hours

Time: 09:30 am to 04: 00 pm

Resource Person: Dr.N.Ashok Kumar, Professor, Subject Expert, KNR College

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

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Smart Antennas
- Simulation of Smart Antennas
- Array Response Vector
- Minimum Mean Square Error
- Space-Time Beam forming


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Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr **M.MAHESH** Bearing roll number **19Q61A0432** from the department of ECE completed the value added course on "**DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE**" During the year **2021-22**.


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Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr **K.SRIKANTH** Bearing roll number **19Q61A0463** from the department of ECE completed the value added course on "**DESIGN OF SMART ANTENNA SYSTEMS AND ITS IMPORTANCE**" During the year **2021-22**.


Head of the Department
Head of The Department
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Co-ordinator
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/I/03

Date: 26-10-2021

CIRCULAR

This is to inform all the II B.Tech ECE students that the Department organizing a value added course on "**AI&ML in Signal Processing Applications**". Department Advisory Committee has been identified **Dr.Hameed Shaik, Professor, Department of ECE** as a resource person for this course. The course is scheduled to run for 06 days from 01-11-2021 to 06-11-2021. 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 **Dr.Hameed Shaik** with ST Mary's Engineering College


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

Copy to:

The principal,
IQAC
Notice Board
II.B. Tech ECE students
Dept. file


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ABOUT THE COURSE

In this course, the focus is to providing necessary theoretical/mathematical foundations and on the applications of the tools and techniques for building engineering solutions that use image/video as primary data source. This course deals with various algorithms to enable computers to learn data without being explicitly programmed. An insight into various types of machine learning algorithms, strategies for model generation and evaluation are given in this course. The fundamental machine learning algorithms required in industries are covered together with their concrete implementations. This course will deal with the fundamental principles of Artificial Intelligence including knowledge representation, reasoning, decision making and programming techniques. The course will also support developing an understanding of the theoretical relationships between these algorithms.

COURSE OBJECTIVES

Build strong fundamentals on the techniques used for image and video processing. To able to wisely choose between techniques and if needed devise new techniques when building solutions to different computer vision problem To understand fundamental concepts of machine learning and its various algorithms and various strategies of generating models from data and evaluating them Applying ML algorithms on given data and interpret the results obtained Designing appropriate ML solution to solve real world problems in AI domain The principles of Artificial Intelligence & learn and design intelligent agents and the basic areas of artificial intelligence including problem solving, knowledge representation, reasoning, decision making planning perception and action

EXPECTED OUTCOMES

Understand basic image processing techniques. Identify applications of each of the techniques. Apply image processing techniques for real life interdisciplinary applications (based on student's specialization) Develop a good understanding of fundamental principles of machine learning. Formulation of a Machine Learning problem and develop a model using supervised/unsupervised machine learning algorithms for classification/prediction/clustering. Evaluate performance of various machine learning algorithms on various data sets of a domain. Design and Concrete implementations of various machine learning algorithms to solve a given problem using languages such as Python The tools and program paradigms of AI Apply intelligent agents for Artificial Intelligence programming techniques. Applying problem solving through search for AI applications and logic and reasoning techniques to AI applications .

Resource Person
Dr.Hameeda Shaik
Subject Expert
Assistant Professor
Department of CSE
ST Marys College
Co-ordinator
Mr.D.Suryaprakash
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION:26th OCT,2021



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INSTITUTE OF ENGINEERING & TECHNOLOGY
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ADD-ON COURSE ON

“AI&ML IN SIGNAL PROCESSING APPLICATIONS”

01st NOV TO 06th NOV, 2021

Duration of the course:30 HRS

ORGANIZED BY:

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: AI & ML IN SIGNAL PROCESSING

APPLICATIONS

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH II YEAR-I SEM

Course Objective:

- To understand the basic signal processing techniques.
- To identify applications of each of the techniques. Apply signal processing techniques for Interdisciplinary applications (based on student's specialization) real life.
- To develop a good understanding of fundamental principles of machine learning and AI
- To understand fundamental concepts of machine learning and its various algorithms and various strategies
- To learn Artificial Intelligence programming techniques.

UNIT-I: Image Processing and Applications Image representation: Types of Images, Image acquisition, Fundamental steps in Image processing, Image enhancement, Filtering in spatial and frequency domains Image Segmentation: Edge Detection, thresholding, region based segmentation, motion in segmentation. Image Morphology: Need of morphology, Morphological applications Image Compression: lossy and lossless compression techniques, JPEG standard. Reconstruction from projections. Thermal imaging. Color Image Processing Case studies: Image Processing Applications in various disciplines


UNIT-II: Introduction to Machine Learning

Introduction: "Machine veering, Terminologies in machine learning, Types of machine learning: supervised, unsupervised, semi-supervised learning. Discriminative Models: Least Square Regression, Gradient Descent Algorithm, Univariate and Multivariate Linear Regression, Prediction Machine probabilistic interpretation, Regularization, Logistic regression, multi class classification Support Vector Machines- Large margin classifiers, Nonlinear SVM, kernel functions, SVM algorithm.

UNIT-III: Generative models of ML

Gaussian models: Multivariate Gaussian distributions, Maximum Likelihood Estimate, Inferring parameters, Mixture models, EM algorithm for clustering and learning with latent variables. Linear Discriminative Analysis, Naive Bayes classifier, Decision trees, Ensemble models -Bagging and Boosting. Unsupervised Learning Algorithms: Dimensionality Reduction Principal Component Analysis (PCA), Singular Value Decomposition (SVD). Clustering Hierarchical, Partitioned clustering: K-means, PAM, explainable AI (XAI), approaching an ML problem.

UNIT-IV; Foundations of Artificial Intelligence


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Logic and Knowledge Representation Knowledge base Ontology 1 Commonsense Knowledge Representation of Commonsense knowledge - Graphical models -Belief networks - - State space representation - Vector representation Propositional logic and predicate logic Propositional and predicate logic -. Syntax Informal and formal semantics Validity, satisfy ability Semantic entailment - Equivalence - De Morgan's laws - Decidable problems - Many-sorted logic - + first- order, aspects of higher-order logic.

UNIT-V: Decision Theory Decision-Making

Basics of utility theory, decision theory, sequential decision problems, decision networks, elementary game theory, sample applications; Problem-solving through Search: forward and backward, state-space, blind, heuristic, hill climbing, best-first, A, A*, AO*, minima, constraint propagation, intelligent search, meta-heuristics, problem-reduction, neural and stochastic; Intelligent agents - reactive, deliberative, goal-driven, utility-driven, and learning agents Artificial Intelligence programming techniques; Planning: planning as search, partial order planning, construction and use of planning graph.

TEXT BOOK:

1. S. Sridhar, "Digital Image Processing", Oxford University Press, 201 1
2. Russell, Norvig, Artificial Intelligence: A Modern Approach, Third edition, Prentice Hall, 2010

REFERENCE BOOKS:

1. Tsang. Foundations of constraint satisfaction, Academic press, 1993
2. Tom Mitchell, "Machine Learning", McGraw Hill, 1997 2. E. Alpaydin, "Introduction to Machine Learning

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: AI & ML IN SIGNAL PROCESSING

APPLICATIONS

ACADEMIC YEAR: 2021-2022

Date: 26-10-2021

B.TECH II YEAR-I SEM

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	01-11-2021	Types of Images, Image acquisition, Fundamental steps in Image processing, Image enhancement	09:30 am to 04:00 pm	5 Hours
2	02-11-2021	Introduction:"Machine veering, Terminologies in machine learning, Types of machine learning: superfisecko mnsupervised, semi-supervised learning	09:30 am to 04:00 pm	5 Hours
3	03-11-2021	Gaussian models: Multivariate Gaussian distributions, Maximum Likelihood Estimate, Inferring parameters, Mixture models	09:30 am to 04:00 pm	5 Hours
4	04-11-2021	Logic and Knowledge Representation Knowledge base Ontology Commonsense Knowledge Representation of Commonsense knowledge	09:30 am to 04:00 pm	5 Hours
5	05-11-2021	Basics of utility theory, decision theory, sequential decision problems, decision networks, elementary game theory, sample applications	09:30 am to 04:00 pm	5 Hours
6	06-11-2021	Problem-solving through Search: forward and backward, state-space, blind, heuristic, hill climbing	09:30 am to 04:00 pm	5 Hours
Total : 30 Hours				


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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	AI&ML in Signal Processing Applications	BREAK	AI&ML in Signal Processing Applications	LUNCH	AI&ML in Signal Processing Applications	BREAK	AI&ML in Signal Processing Applications
TUE							
WED							
THU							
FRI							
SAT							

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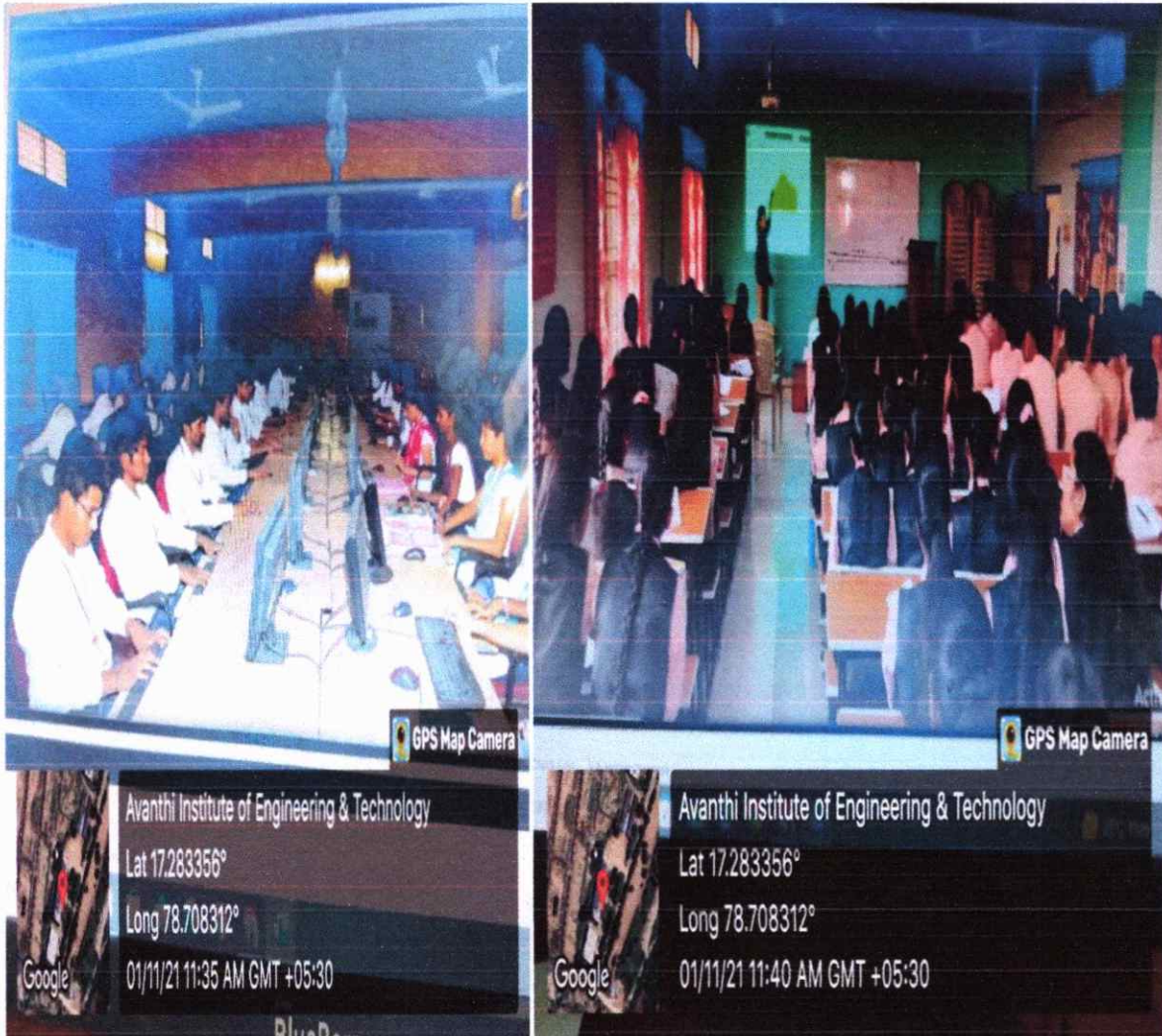
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The Students of II-Year B.Tech Certificate Program attending "AI and ML in Signal Processing Applications" by Resource Person "Dr.Hameed Shaik, Professor, ST Mary's Engineering College

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: AI & ML IN SIGNAL PROCESSING APPLICATIONS

II YEAR I-SEM

Enrolled Students List


Date: 01-11-2021 to 06-11-2021

S.No	Roll Number	Name of The Student
1	20Q61A0401	Baluguri Mounika
2	20Q61A0402	Barakala Nandhini
3	20Q61A0403	Boddupally Suresh
4	20Q61A0404	Chetlapalli Sampath
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
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
21	20Q61A0421	Mukundu Saikumar
22	20Q61A0422	Muppa Uday Kiran
23	20Q61A0423	P Ramulu
24	20Q61A0424	Pardha Saradhi Reddy Talasani
25	20Q61A0425	Parvatham Tejaswi
26	20Q61A0426	Pole Shekar
27	20Q61A0427	Sandanolla Suvarna
28	20Q61A0428	Tallapally Uday Kumar
29	20Q61A0429	Thati Gayathri
30	20Q61A0430	Vadlamudi Narendra
31	20Q61A0431	Yerra Mounika
32	20Q61A0432	Alluri Yeshwanthi
33	20Q61A0433	Boyapally Koushik


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: AI & ML IN SIGNAL PROCESSING

APPLICATIONS

II YEAR I-SEM

A.Y 2021-2022

Date: 26-10-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	01.11.21	02.11.21	03.11.21	04.11.21	05.11.21	06.11.21
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	A	P
4	20Q61A0404	Chetlapalli Sampath	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	A	A	A	A	A	A
14	20Q61A0414	Kanna Anjan Kumar	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
21	20Q61A0421	Mukundu Saikumar	A	P	P	P	P	P
22	20Q61A0422	Muppa Uday Kiran	P	P	P	P	P	P
23	20Q61A0423	P Ramulu	P	P	P	P	P	P
24	20Q61A0424	Pardha Saradhi Reddy Talasani	P	P	P	P	P	P
25	20Q61A0425	Parvatham Tejaswi	P	P	P	P	P	P
26	20Q61A0426	Pole Shekar	P	P	P	P	P	P
27	20Q61A0427	Sandanolla Suvarna	P	P	P	P	P	P
28	20Q61A0428	Tallapally Uday Kumar	P	P	P	P	P	P
29	20Q61A0429	Thati Gayathri	P	P	P	P	P	P
30	20Q61A0430	Vadlamudi Narendra	A	A	A	A	A	A
31	20Q61A0431	Yerra Mounika	P	P	P	P	P	P
32	20Q61A0432	Alluri Yeshwanthi	P	P	P	P	P	P
33	20Q61A0433	Boyapally Koushik	P	P	P	P	P	P


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: AI & ML IN SIGNAL PROCESSING

APPLICATIONS

II YEAR I-SEM

A.Y 2021-2022

Date: 01-11-2021 to 06-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0401	Baluguri Mounika	30	100
2	20Q61A0402	Barakala Nandhini	30	100
3	20Q61A0403	Boddupally Suresh	25	83.3
4	20Q61A0404	Chetlapalli Sampath	30	100
5	20Q61A0405	Deekonda Vinay Kumar	30	100
6	20Q61A0406	Donikala Vinay Goud	30	100
7	20Q61A0407	Donikela Prudhvi Samrat	30	100
8	20Q61A0408	Ganganamoni Vinayak	30	100
9	20Q61A0409	Gosti Rajesh Reddy	30	100
10	20Q61A0410	Gunta Mahesh	30	100
11	20Q61A0411	Kamagani Akhil	30	100
12	20Q61A0412	Kamsani Yakshitha	30	100
13	20Q61A0413	Kanduri Nithin Kumar	0	0
14	20Q61A0414	Kanna Anjan Kumar	30	100
15	20Q61A0415	Karjale Akash Reddy	30	100
16	20Q61A0416	Katipally Shashi Kumar	30	100
17	20Q61A0417	Kummari Shirisha	30	100
18	20Q61A0418	Kura Lokesh	30	100
19	20Q61A0419	Lingala Kavyanjali	30	100
20	20Q61A0420	Mayini Naresh	30	100
21	20Q61A0421	Mukundu Saikumar	25	83.3
22	20Q61A0422	Muppa Uday Kiran	30	100
23	20Q61A0423	P Ramulu	30	100
24	20Q61A0424	Pardha Saradhi Reddy Talasani	30	100
25	20Q61A0425	Parvatham Tejaswi	30	100
26	20Q61A0426	Pole Shekar	30	100
27	20Q61A0427	Sandanolla Suvarna	30	100
28	20Q61A0428	Tallapally Uday Kumar	30	100
29	20Q61A0429	Thati Gayathri	30	100
30	20Q61A0430	Vadlamudi Narendra	0	0
31	20Q61A0431	Yerra Mounika	30	100
32	20Q61A0432	Alluri Yeshwanthi	30	100
33	20Q61A0433	Boyapally Koushik	30	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-11-2021

PROGRAM REPORT

Name of the Value Added Course: AI & ML in Signal Processing Applications

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.Hameed Shaik, Professor, Subject Expert, ST Mary's College

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

Number of the Participants: 31

Topics covered: The following topics covered in this program

- AI & ML
- Signal processing Applications
- Graphical models
- De Morgan's laws
- Decision trees

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Department of Electronics and Communication Engineering


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.KOUSHIK** Bearing roll number **20Q61A0433** from the department of ECE completed the value added course on "**AI&ML IN SIGNAL PROCESSING APPLICATION**" During the year **2021-22**.


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Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.MAHESH** Bearing roll number **20Q61A0401** from the department of ECE completed the value added course on "**AI&ML IN SIGNAL PROCESSING APPLICATION**" During the year **2021-22**.

Head of the Department
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Avanathi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/I/04

Date: 15-11-2021

CIRCULAR

This is to inform all the II B.Tech ECE students that the Department organizing a value added course on "**Hands on Training in Industrial Robotics**" The course is scheduled to run for 06 days from 22-11-2021 to 27-11-2021. 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.Raju with Asset Integrated Info system

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ABOUT THE COURSE

Industrial robotics for technical education and training. These training systems come from various different robotics producers and they help to teach concepts around industrial automation, such as robot setup, programming, maintenance etc.

COURSE OBJECTIVES

- To pursue understanding of the fundamentals of Industrial Robotics and its components.
- To grasp the various End Effectors, Sensors, and Actuators.
- To become knowledgeable with the applications of Industrial and Humanoid Robots.
- To impart on knowledge of microcontroller programming and integration.

EXPECTED OUTCOMES

- Describe how sensors, microcontrollers, and servo motor's function and how they are implemented.
- Select Industrial Robots, Grippers, Sensors and Actuators based on the application and technical specifications.
- Determine the key parameters for designing a gripper.
- Develop numerous servo motor-based robot projects using Arduino programming and excellent embedded system skills.
- Analyze the Arduino code used in other projects and determine what the code's function is.
- Relate various scenarios in which the sensors could be used.

Resource Person

Mr.M.Raju

Technical Trainer

Asset Integrated Info System

Co-ordinator

Mr.K.Ramu,

Assistant Professor

Department of ECE

LAST DATE FOR REGISTRATION:20th NOV,2021



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ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recpt by Govt of TS and Affiliated to JNTU(H)



VALUE ADD-ON COURSE ON

“HANDS ON TRAINING IN INDUSTRIAL ROBOTICS”

22nd NOV TO 27th NOV,2021

Duration of the course:30 HRS

ORGANIZED BY:

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **HANDS ON TRAINING IN INDUSTRIAL ROBOTICS**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH II YEAR-I SEM

COURSE OBJECTIVES:

- To introduce the basic concepts, parts of robots and types of robots.
- To make the student familiar with the various drive systems for robot, sensors and their applications in robots and programming of robots.
- To select the robots according to its usage.
- To discuss about the various applications of robots, justification and implementation of robot. To know about material handling in a system.

COURSE OUTCOMES:

The Student must be able

- Learn about the basic concepts, parts of robots and types of robots.
- To design automatic manufacturing cells with robotic control using the principle behind robotic drive system, end effectors, sensor, machine vision robot kinematics and programming.
- Ability in selecting the required robot.
- Know various applications of robots.
- Apply their knowledge in handling the materials.

UNIT I: INTRODUCTION Types of industrial robots, Load handling capacity, general considerations in Robotic material handling, material transfer, machine loading and unloading, CNC machine tool loading, Robot centered cell.

UNIT II: ROBOTS FOR INSPECTION Robotic vision systems, image representation, object recognition and categorization, depth measurement, image data compression, visual inspection, software considerations.

UNIT III: OTHER APPLICATIONS Application of Robots in continuous arc welding, Spot welding, Spray painting, assembly operation, cleaning, robot for underwater applications.

UNIT IV: END EFFECTORS Gripper force analysis and gripper design for typical applications, design of multiple degrees of freedom, active and passive grippers.

SELECTION OF ROBOT: Factors influencing the choice of a robot, robot performance testing, economics of robotisation, Impact of robot on industry and society.

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UNIT V: MATERIAL HANDLING Concepts of material handling, principles and considerations in material handling systems design, conventional material handling systems - industrial trucks, monorails, rail guided vehicles, conveyor systems, cranes and hoists, advanced material handling systems, automated guided vehicle systems, automated storage and retrieval systems(ASRS), bar code technology, radio frequency identification technology. Introduction to Automation Plant design software's.

TEXT BOOKS:

1. Richard D Klafter, Thomas A. chmielewski and Michael Negin, —Robotic Engineering – An integrated Approachl Prentice HallIndia, New Delhi, 2001.
2. Mikell P Groover, "Automation, Production Systems, and Computer-Integrated Manufacturing", Pearson Education, 2015.

REFERENCE BOOKS:

1. James A Rehg, —Introduction to Robotics in CIM Systemsl, Prentice Hall of India, 2002.
2. Deb S R, "Robotics Technology and Flexible Automation", Tata McGraw Hill, New Delhi, 2017.


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

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN INDUSTRIAL

ROBOTICS

ACADEMIC YEAR: 2021-2022

Date: 15-11-2021

B.TECH II YERA-I SEM

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	22-11-2021	Types of industrial robots, Load handling	10:00 am to 04:00 pm	5 hour
2	23-11-2021	Robotic vision systems, image representation, object recognition and categorization	10:00 am to 04:00 pm	5 hour
3	24-11-2021	of Robots in continuous arc welding, Spot welding	10:00 am to 04:00 pm	5 hour
4	25-11-2021	Gripper force analysis and gripper design for typical applications, design of multiple degrees	10:00 am to 04:00 pm	5 hour
5	26-11-2021	Concepts of material handling, principles and considerations in material handling systems design	10:00 am to 04:00 pm	5 hour
6	27-11-2021	conveyor systems, cranes and hoists, advanced material handling systems, automated guided vehicle systems	10:00 am to 04:00 pm	5 hour
Total-30 Hours				

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Electronics & Communication Engg
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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	Hands on Training in Industrial Robotics	BREAK	Hands on Training in Industrial Robotics	LUNCH	Hands on Training in Industrial Robotics	BREAK	Hands on Training in Industrial Robotics
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	Hands on Training in Industrial Robotics	BREAK	Hands on Training in Industrial Robotics	LUNCH	Hands on Training in Industrial Robotics	BREAK	Hands on Training in Industrial Robotics
TUE							
WED							
THU							
FRI							
SAT							


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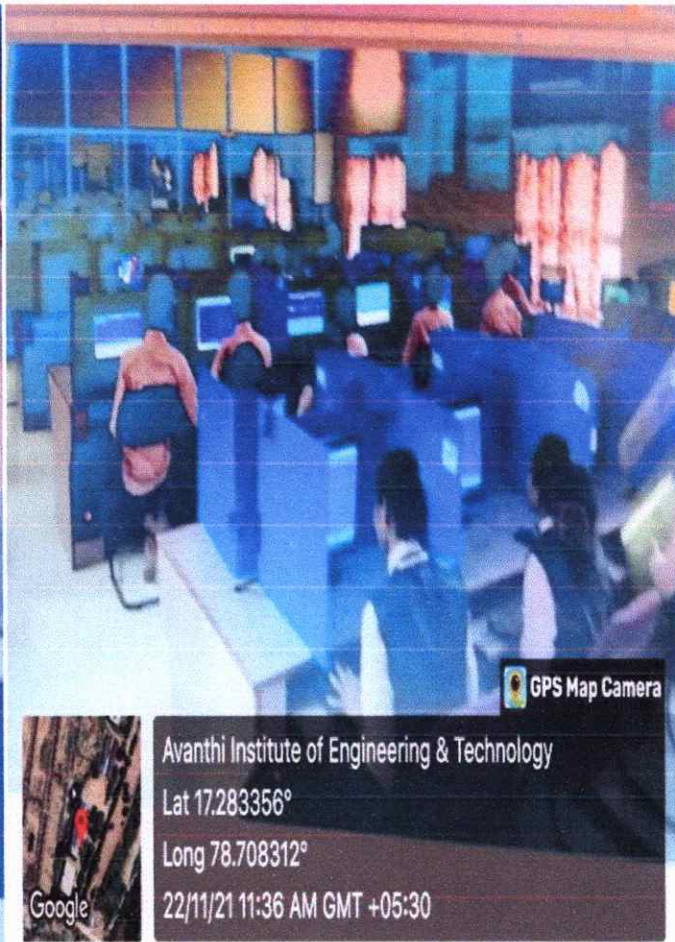
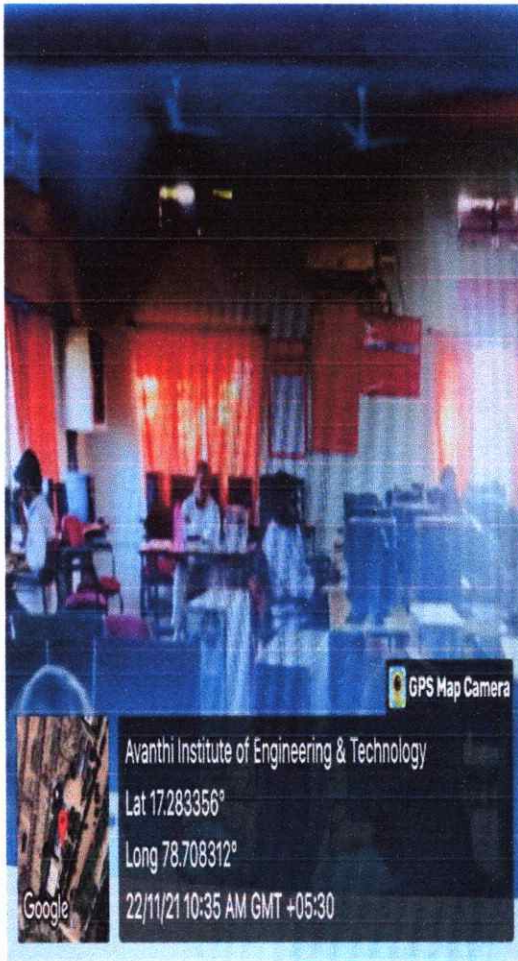
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The Students of II-Year B.Tech certificate program Attending "Hands on Training in Industrial Robotics" by the resource person "Mr. M.Raju" By 'Asset Integrated Info System'.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN INDUSTRIAL ROBOTICS

II YEAR I-SEM

Enrolled Students List

Date: 22-11-2021 to 27-11-2021

S.No	Roll Number	Name of The Student
1	20Q61A0434	Chinthala Saikumar
2	20Q61A0435	Jagtap Shirish
3	20Q61A0436	Marri Shivanath Reddy
4	20Q61A0437	Medam Shiva Sai Reddy
5	20Q61A0438	Mohammad Imran
6	20Q61A0439	Mohini Saivamshi
7	20Q61A0440	Muddam Vi Nuthna
8	20Q61A0441	Muddam Vinay Kumar
9	20Q61A0442	Paidipelli Abhinav
10	20Q61A0443	Pannala Sravana Sandhya
11	20Q61A0444	Ponshetti Sathvika
12	20Q61A0445	Saketi Anusha
13	20Q61A0446	Sappati Anand Reddy
14	20Q61A0447	Shaik Nazeer
15	20Q61A0448	Syed Neha
16	20Q61A0449	Thirumala Sai Kumar
17	20Q61A0450	Velpula Ramkumar
18	20Q61A0451	Vendru Susmitha
19	20Q61A0452	Sachu Uma Maheshwar
20	20Q61A0453	Jogu Parsharamulu-
21	20Q61A0454	Chouty Akash
22	20Q61A0455	Jammisetty Venu
23	20Q61A0456	Piske Navya
24	21Q65A0401	Galimudi Mounika
25	21Q65A0402	Gandham Harika
26	21Q65A0403	Gummadi Sahasra
27	21Q65A0404	Kandipati Nava Kishore
28	21Q65A0405	Kanugula Likitha
29	21Q65A0406	Kotha Manisha
30	21Q65A0407	Mohammed Naveed
31	21Q65A0408	Mula Bharath
32	21Q65A0409	Nadikudi Anusha
33	21Q65A0410	Nenavath Sandhya

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN INDUSTRIAL ROBOTICS

II YEAR I-SEM

A.Y 2021-2022

Date: 15-11-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	22.11.21	23.11.21	24.11.21	25.11.21	26.11.21	27.11.21
1	20Q61A0434	Chinthala Saikumar	P	P	P	P	P	P
2	20Q61A0435	Jagtap Shirish	P	P	P	P	P	P
3	20Q61A0436	Marri Shivanath Reddy	P	P	P	P	P	P
4	20Q61A0437	Medam Shiva Sai Reddy	P	P	P	P	P	P
5	20Q61A0438	Mohammad Imran	P	P	P	P	P	P
6	20Q61A0439	Mohini Saivamshi	P	P	P	P	P	P
7	20Q61A0440	Muddam Vi Nuthna	P	P	P	P	P	P
8	20Q61A0441	Muddam Vinay Kumar	A	A	A	A	A	A
9	20Q61A0442	Paidipelli Abhinav	P	P	P	P	P	P
10	20Q61A0443	Pannala Sravana Sandhya	P	P	P	P	P	P
11	20Q61A0444	Ponshetti Sathvika	P	P	P	P	P	P
12	20Q61A0445	Saketi Anusha	P	P	P	P	P	P
13	20Q61A0446	Sappati Anand Reddy	P	P	P	P	P	P
14	20Q61A0447	Shaik Nazeer	P	P	P	P	P	P
15	20Q61A0448	Syed Neha	P	P	P	P	P	P
16	20Q61A0449	Thirumala Sai Kumar	P	P	P	P	P	P
17	20Q61A0450	Velpula Ramkumar	P	P	P	P	P	P
18	20Q61A0451	Vendru Susmitha	P	P	P	P	P	P
19	20Q61A0452	Sachu Uma Maheshwar	P	P	P	P	P	P
20	20Q61A0453	Jogu Parsharamulu-	P	P	P	P	P	P
21	20Q61A0454	Chouty Akash	A	A	A	A	A	A
22	20Q61A0455	Jammisetty Venu	A	P	P	P	P	P
23	20Q61A0456	Piske Navya	P	P	P	P	P	P
24	21Q65A0401	Galimudi Mounika	P	P	P	P	P	P
25	21Q65A0402	Gandham Harika	P	P	P	P	P	P
26	21Q65A0403	Gummadi Sahasra	P	P	P	P	P	P
27	21Q65A0404	Kandipati Nava Kishore	A	P	P	P	P	P
28	21Q65A0405	Kanugula Likitha	P	P	P	P	P	P
29	21Q65A0406	Kotha Manisha	P	P	P	P	P	P
30	21Q65A0407	Mohammed Navced	A	A	A	A	A	A
31	21Q65A0408	Mula Bharath	P	P	P	P	P	P
32	21Q65A0409	Nadikudi Anusha	P	P	P	P	P	P
33	21Q65A0410	Nenavath Sandhya	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN INDUSTRIAL ROBOTICS

II YEAR I-SEM

A.Y 2021-2022

Date: 22-11-2021 to 27-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61A0434	Chinthala Saikumar	36	100
2	20Q61A0435	Jagtap Shirish	36	100
3	20Q61A0436	Marri Shivanath Reddy	36	100
4	20Q61A0437	Medam Shiva Sai Reddy	36	100
5	20Q61A0438	Mohammad Imran	36	100
6	20Q61A0439	Mohini Saivamshi	36	100
7	20Q61A0440	Muddam Vi Nuthna	36	100
8	20Q61A0441	Muddam Vinay Kumar	0	0
9	20Q61A0442	Paidipelli Abhinav	36	100
10	20Q61A0443	Pannala Sravana Sandhya	36	100
11	20Q61A0444	Ponshetti Sathvika	36	100
12	20Q61A0445	Saketi Anusha	36	100
13	20Q61A0446	Sappati Anand Reddy	36	100
14	20Q61A0447	Shaik Nazeer	36	100
15	20Q61A0448	Syed Neha	36	100
16	20Q61A0449	Thirumala Sai Kumar	36	100
17	20Q61A0450	Velpula Ramkumar	36	100
18	20Q61A0451	Vendru Susmitha	36	100
19	20Q61A0452	Sachu Uma Maheshwar	36	100
20	20Q61A0453	Jogu Parsharamulu-	36	100
21	20Q61A0454	Chouty Akash	0	0
22	20Q61A0455	Jammisetty Venu	30	83.3
23	20Q61A0456	Piske Navya	36	100
24	21Q65A0401	Galimudi Mounika	36	100
25	21Q65A0402	Gandham Harika	36	100
26	21Q65A0403	Gummadi Sahasra	36	100
27	21Q65A0404	Kandipati Nava Kishore	30	83.3
28	21Q65A0405	Kanugula Likitha	36	100
29	21Q65A0406	Kotha Manisha	36	100
30	21Q65A0407	Mohammed Naveed	0	0
31	21Q65A0408	Mula Bharath	36	100
32	21Q65A0409	Nadikudi Anusha	36	100
33	21Q65A0410	Nenavath Sandhya	36	100


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 01-12-2021

PROGRAM REPORT

Name of the Value Added Course: Hands on Training in Industrial Robotics

Day/Duration: 30 hours

Time: 10:00 Am to 04:00 pm

Resource Person: Mr.M.Raju, Technical Trainer, Asset Integrated Info system.

Name of the Coordinator: Mr.K.Ramu, Assistant Professor.

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Types of Industrial Robots
- Robots for Inspection
- Application of Robots in Continuous Arc Welding
- Gripper Force Analysis and Gripper Design for Typical Applications
- Material Handling.

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SJR
HOD

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



CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. N.SANDHYA Bearing Roll.No 21Q65A0410, Department of ELECTRONICS AND COMMUNICATION ENGINEERING from Avanathi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy has participated in "HANDS ON TRAINING IN INDUSTRIAL ROBOTICS" Organized by 'ASSET INTIGRATED INFO SYSTEMS' During dates 22/11/2021 to 27/11/2021.

V. Ramasubramanyam

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

V. Ramasubramanyam
CO ORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

[Signature]
Head of the Department
Electronics & Communication Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

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T: 040-27537184 / 27537185, M: +91 98490 33736, Email: vrs@assetally.com
www.assetally.com



CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **J.SHIRISH** Bearing Roll.No **20Q61A0435**, Department of **ELECTRONICS AND COMMUNICATION ENGINEERING** from **Avanthi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy** has participated in **“HANDS ON TRAINING IN INDUSTRIAL ROBOTICS”** Organized by **‘ASSET INTIGRATED INFO SYSTEMS’** During dates **22/11/2021 to 27/11/2021**.

(Authorized Signatory)

Name: **V. Ramasubramanyam**

Designation: **Proprietor**

Place: **Secunderabad**

Date:

Stamp:

CO-ORDINATOR
Avanthi Institute of Engineering & Technology,
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Head of the Department
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Avanthi Institute of Engineering & Technology
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www.assetally.com



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AVIH/ECE/AOC/CIR/2021-22/I/05

Date: 06-12-2021

CIRCULAR

This is to inform all the III B.Tech ECE students that the Department organizing an value added course on "Challenges in Design of PSOCs ". Department Advisory Committee has been identified **Dr.M.Satyanarayana, Assistant Professor, Department of ECE** as a resource person for this course. The course is scheduled to run for 06 days from 13-12-2021 to 18-12-2021. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


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Head of the Department
Electronics & Communication Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (M),
Ranga Reddy District.

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Notice Board
III.B. Tech & II M.Tech students
Dept. file


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ABOUT THE COURSE

This course is for anyone passionate in learning how a hardware component can be adapted at runtime to better respond to users/environment needs. This adaptation can be provided by the designers, or it can be an embedded characteristic of the system itself. These runtime adaptable systems will be implemented by using FPGA technologies. Within this course we are going to provide a basic understanding on how the FPGAs are working and of the rationale behind the choice of them to implement a desired system.

COURSE OBJECTIVES


Understand the the varieres prPSOC The objectives of the course are to: Learn Programmable Routing and Interconnect. Designer for configur analog modules.Explain the Vare and software components or components.Learn the P501361 signal Components. PSoC Software Components.

EXPECTED OUTCOMES

After studying this course, students will be able to:
Explain the basic concepts and families of PSOC. Recognize the various features of PSOC architecture and programmable blocks. Analyze the various features of PSoC Designer for configuring the digital and analog modules Design the hardware and software components for mixed signal components. Develop the programming skills for interfacing various VO modules to PSOC.

Resource Person
Dr.M.Satyanarayana,
Assistant Professor
Department of ECE

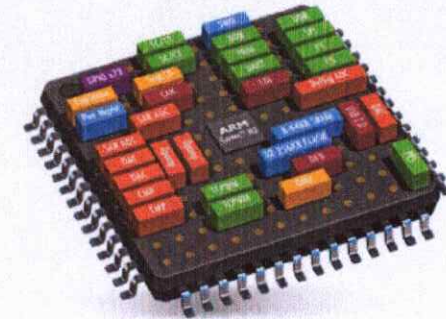
Coordinator
Mrs.K.Swapna,
Assistant Professor
Department of ECE


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ADD-ON COURSE ON

**“CHALLENGES IN DESIGN OF
PSOCs”**

13th TO 18th DEC, 2021

Duration of the course:36 HRS

**ORGANIZED BY:
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**



LAST DATE FOR REGISTRATION:10th DEC,2021



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **CHALLENGES IN DESIGN OF PSOC**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH III YEAR-I SEM

Course Objective:

- To learn the processor selection for SOC, basic concepts in processor Architecture
- To understand the various features of PSOC designer for configuring the digital and Analog modules
- To understand the memory design for SOC and overview of SOC external memory
- To analyze the Interconnect Customization
- To analyze the configuration and reconfiguration techniques

UNIT - I: Introduction to the System Approach: System Architecture, Components of the system Hardware & Software, processor Architectures, Memory and Addressing. System Level interconnection, an approach for SOC Design, System Architecture and Complexity.

UNIT- II: Processors: Introduction, Processor Selection for SOC, Basic concepts in Process Architecture, Basic concepts in Processor Micro Architecture, Basic elements in Instruction handling Buffers: minimizing Pipeline Delays, Branches, More Robust Processors, Vector Processors and Vector Instructions extensions, VLIW Processors, Superscalar Processors.

UNIT - III: Memory Design for SOC: Overview of SOC external memory, Internal Memory, Size Scratchpads and Cache memory, Cache Organization, Cache data, Write Policies, Strategies for linear replacement at miss time, Types of Cache, Split - I, and D - Caches, Multilevel Caches, Virtual translation, SOC Memory System, Models of Simple Processor- memory interaction.

UNIT -IV: Interconnect Architectures: Inter Connect Architectures, Bus: Basic Architectures, SOG Standard Buses/Interconnects, Using the Bus model, Effects of Bus transactions and contention timing /CO Aissoonmiad & Medcha-

UNIT V: Configuration overview, Customizing Instrumentation configure Technologies, (Mupuib) design and Reconfiguration Customized Soft Processor, Reconfiguration overhead analyses and the Analysis on reconfigurable Parallelism.

TEXT BOOKS:

1. Computer System Design System-on-Chip by Michael J. Flynn and Wayne Luk, Wiley India Pvt.Ltd.
2. ARM System on Chip Architecture -Steve Furber -2 nd Eed., 2000, Addison Wesley Professional.

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REFERENCE BOOKS:

1. Design of System on a Chip: Devices and Components-Ricardo Reis,1st Ed., 2004, Springer
2. Co-Verification of Hard ware and Software for ARM System on Chip Design (Embedded Technology) - Jason Andrews - Newnes, BK and CDROM
3. System on Chip Verification Methodologies and Techniques -Prakash Rashinkar, And Leena Singh L, 2001, Kluwer Academic Publishers

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Ranga Reddy Dist, Telangana.

PRINCIPAL

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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: CHALLENGES IN DESIGN OF PSOCs

ACADEMIC YEAR: 2021-2022

Date: 06-12-2021


B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	13-12-2021	Introduction to the System Approach: System Architecture, Components of the system Hardware & Software, processor Architectures	09:30 am to 04:00 pm	6 Hours
2	14-12-2021	Introduction, Processor Selection for SOC, Basic concepts in Process Architecture, Basic concepts in Processor Micro Architecture	09:30 am to 04:00 pm	6 Hours
3	15-12-2021	Memory Design for SOC: Overview of SOC external memory, Internal Memory, Size Scratchpads and Cache memory	09:30 am to 04:00 pm	6 Hours
4	16-12-2021	Inter Connect Architectures, Bus: Basic Architectures, SOG Standard Buses/tisurteadels, Using he Bus model	09:30 am to 04:00 pm	6 Hours
5	17-12-2021	Configuration overview, Customizing Instrumentation configure Technologies,	09:30 am to 04:00 pm	6 Hours
6	18-12-2021	design and Reconfiguration Customized Soft Processor	09:30 am to 04:00 pm	6 Hours
Total-36 Hours				


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION 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	Challenges in Design of PSOCs	BREAK	Challenges in Design of PSOCs	LUNCH	Challenges in Design of PSOCs	BREAK	Challenges in Design of PSOCs
TUE							
WED							
THU							
FRI							
SAT							

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Avanathi Institute of Engineering & Technology,
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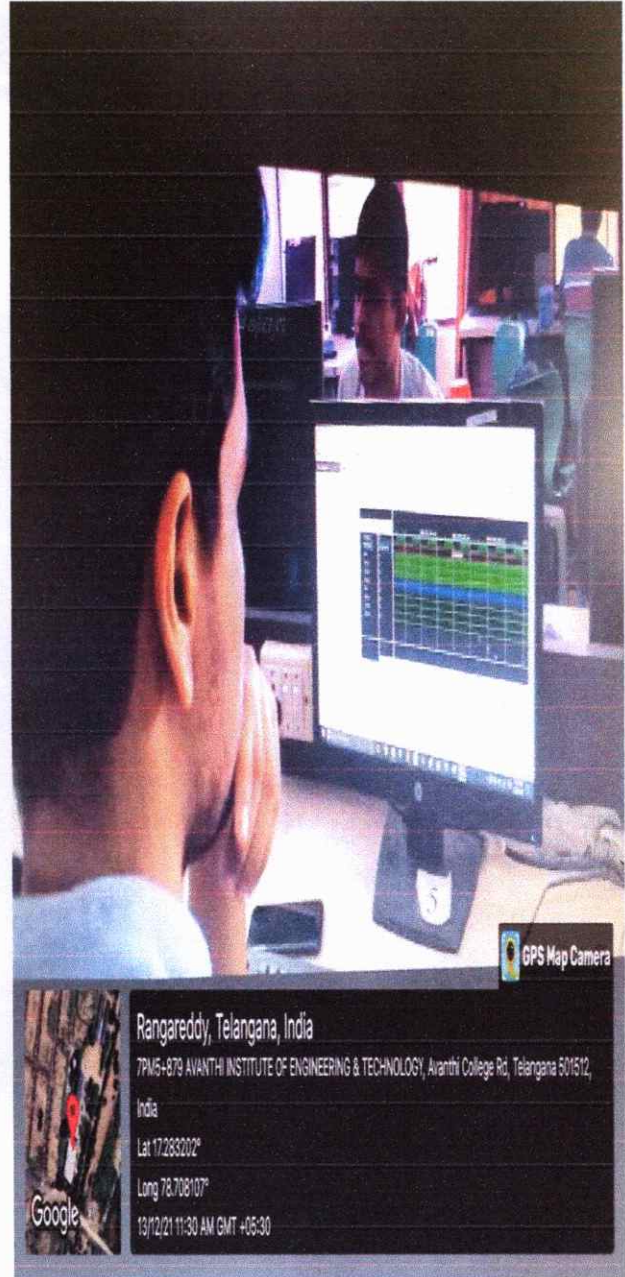
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The Students of III-Year B.Tech certificate program attending "Challenges in Design of PSOCs" by the resource person "Dr.Mr.Satyanaryana, Assistant Professor".


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **CHALLENGES IN DESIGN OF PSOCS**

III YEAR I-SEM

Enrolled Students List

Date: 13-12-2021 to 18-12-2021

S.No	Roll Number	Name of The Student
1	20Q65A0422	Chittumalla Sharath Chandra
2	20Q65A0423	Deshagani Bharath Chandra
3	20Q65A0424	Gudise Divya
4	20Q65A0425	Karupothula Shyam Sunder
5	20Q65A0426	Kavati Karthik
6	20Q65A0427	Kothapelli Arunkumar
7	20Q65A0428	Mohite Rahul
8	20Q65A0429	Tharun Gundapu
9	20Q65A0430	Vasampalli Sowjanya
10	20Q65A0431	Vasampally Sravanthi
11	20Q65A0432	Voraganti Shashank Abhishek
12	20Q65A0433	Yelimeti Sai Sumanth
13	17Q61A0454	Perati Yashwanth Reddy
14	18Q61A0415	Jambula Rakesh Reddy
15	20Q61D5701	Chanchala Babayshalini
16	20Q61D5702	Charishmmaa G
17	20Q61D5703	Chukka Navarathna
18	20Q61D5704	Gaddam Aravind
19	20Q61D5705	Ganganamoni Ilaiah
20	20Q61D5706	Jella Sudhakar
21	20Q61D5707	K Narasimha
22	20Q61D5708	Myana Vinay
23	20Q61D5709	Pyaram Navya
24	20Q61D5710	Singam Sai Kiran
25	20Q61D5711	Thamballa Pooja
26	20Q61D5712	Vemuganti Laxmi Prasanna
27	20Q61D5713	Vutukuri Pranay
28	20Q61D5714	Bhaskara Bhavani
29	20Q61D5715	Gundeboina Santhoshini
30	20Q61D5716	Kambampati Vamshinadh
31	20Q61D5717	Kethan Tingilkar
32	20Q61D5718	Murari Mounika

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **CHALLENGES IN DESIGN OF PSOCS**

III YEAR I-SEM

A.Y 2021-2022

Date: 06-12-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	13.12.21	14.12.21	15.12.21	16.12.21	17.12.21	18.12.21
1	20Q65A0422	Chittumalla Sharath Chandra	P	P	P	P	P	P
2	20Q65A0423	Deshagani Bharath Chandra	P	P	P	P	P	P
3	20Q65A0424	Gudise Divya	P	P	P	P	P	P
4	20Q65A0425	Karupothula Shyam Sunder	P	P	P	P	P	P
5	20Q65A0426	Kavati Karthik	P	P	P	P	P	P
6	20Q65A0427	Kothapelli Arunkumar	P	P	P	P	P	P
7	20Q65A0428	Mohite Rahul	P	P	P	P	P	P
8	20Q65A0429	Tharun Gundapu	P	P	P	P	P	P
9	20Q65A0430	Vasampalli Sowjanya	P	P	P	P	P	P
10	20Q65A0431	Vasampally Sravanthi	P	P	P	P	P	P
11	20Q65A0432	Voraganti Shashank Abhishek	P	P	P	P	P	P
12	20Q65A0433	Yelimeti Sai Sumanth	P	P	P	P	P	P
13	17Q61A0454	Perati Yashwanth Reddy	P	P	P	P	P	P
14	18Q61A0415	Jambula Rakesh Reddy	P	P	P	P	P	P
15	20Q61D5701	Chanchala Babayshalini	P	P	P	P	P	P
16	20Q61D5702	Charishmmaa G	A	A	A	A	A	A
17	20Q61D5703	Chukka Navarathna	P	P	P	P	P	P
18	20Q61D5704	Gaddam Aravind	P	P	P	P	P	P
19	20Q61D5705	Ganganamoni Ilaiah	P	P	P	P	P	P
20	20Q61D5706	Jella Sudhakar	P	P	P	P	A	P
21	20Q61D5707	K Narasimha	P	P	P	P	P	P
22	20Q61D5708	Myana Vinay	P	P	P	P	P	P
23	20Q61D5709	Pyaram Navya	P	P	P	P	P	P
24	20Q61D5710	Singam Sai Kiran	P	P	P	P	P	P
25	20Q61D5711	Thamballa Pooja	P	P	P	P	P	P
26	20Q61D5712	Vemuganti Laxmi Prasanna	P	A	P	P	P	P
27	20Q61D5713	Vutukuri Pranay	P	P	P	P	P	P
28	20Q61D5714	Bhaskara Bhavani	P	P	P	P	P	P
29	20Q61D5715	Gundeboina Santhoshini	P	P	P	P	P	P
30	20Q61D5716	Kambampati Vamshinadh	P	P	P	P	P	P
31	20Q61D5717	Kethan Tingilkar	P	P	P	P	P	P
32	20Q61D5718	Murari Mounika	P	P	P	P	P	P


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: CHALLENGES IN DESIGN OF PSOCs

III YEAR I-SEM

A.Y 2021-2022

Date: 13-12-2021 to 18-12-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q65A0422	Chittumalla Sharath Chandra	36	100
2	20Q65A0423	Deshagani Bharath Chandra	36	100
3	20Q65A0424	Gudise Divya	36	100
4	20Q65A0425	Karupothula Shyam Sunder	36	100
5	20Q65A0426	Kavati Karthik	36	100
6	20Q65A0427	Kothapelli Arunkumar	36	100
7	20Q65A0428	Mohite Rahul	36	100
8	20Q65A0429	Tharun Gundapu	36	100
9	20Q65A0430	Vasampalli Sowjanya	36	100
10	20Q65A0431	Vasampally Sravanthi	36	100
11	20Q65A0432	Voraganti Shashank Abhishek	36	100
12	20Q65A0433	Yelimeti Sai Sumanth	36	100
13	17Q61A0454	Perati Yashwanth Reddy	36	100
14	18Q61A0415	Jambula Rakesh Reddy	36	100
15	20Q61D5701	Chanchala Babayshalini	36	100
16	20Q61D5702	Charishmmaa G	0	0
17	20Q61D5703	Chukka Navarathna	36	100
18	20Q61D5704	Gaddam Aravind	36	100
19	20Q61D5705	Ganganamoni Ilaiah	36	100
20	20Q61D5706	Jella Sudhakar	30	83.3
21	20Q61D5707	K Narasimha	36	100
22	20Q61D5708	Myana Vinay	36	100
23	20Q61D5709	Pyaram Navya	36	100
24	20Q61D5710	Singam Sai Kiran	36	100
25	20Q61D5711	Thamballa Pooja	36	100
26	20Q61D5712	Vemuganti Laxmi Prasanna	30	83.3
27	20Q61D5713	Vutukuri Pranay	36	100
28	20Q61D5714	Bhaskara Bhavani	36	100
29	20Q61D5715	Gundeboina Santhoshini	36	100
30	20Q61D5716	Kambampati Vamshinadh	36	100
31	20Q61D5717	Kethan Tingilkar	36	100
32	20Q61D5718	Murari Mounika	36	100

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

Date: 23-12-2021

PROGRAM REPORT

Name of the Value Added Course: Challenges in Design of PSOCs

Day/Duration: 36 hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.M.Satyanarayana, Assistant Professor.

Name of the Coordinator: Mr.K.Swapna, Assistant Professor.

Number of the Participants: 31

Topics covered: The following topics covered in this program

- SOC
- PSOC
- SOC Standard Buses
- Multilevel Caches
- SOC Customization

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Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr **G.DIVYA** Bearing roll number **20Q65A0424** from the department of ECE completed the value added course on "**CHALLENGES IN DESIGN OF PSOCS**" During the year **2021-22**.


Head of the Department

Coordinator
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy Dist.


Coordinator

COORDINATOR
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Ranga Reddy Dist, Telangana.


Principal

PRINCIPAL
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Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr **M.MOUNIKA** Bearing roll number **20Q61D5718** from the department of ECE completed the value added course on "**CHALLENGES IN DESIGN OF PSOCs**" During the year **2021-22**.


Head of The Department
Department of Electronics Engineering
Avanthi Institute of Engineering & Technology
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Ranga Reddy Dist, Telangana.


CO-ORDINATOR
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/I/06

Date: 06-01-2022

CIRCULAR

This is to inform all the II B.Tech ECE students that the Department organizing a value added course on "Hands on Training in Embedded System ". The course is scheduled to run for 06 days from 17-01-2022 to 22-01-2022. 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.Sujith Kumar with Ask Training Service.


HOD
Head of the Department
Electronics & Communication Engineering
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Ranga Reddy District.

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

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ABOUT THE COURSE

The embedded course shall cover topics like embedded basics, specific processor architecture, controllers, embedded application development, Linux kernel, interconnection, sensor architecture and many more. Besant Technologies offers training with placement support.

COURSE OBJECTIVES

- To introduce the Building Blocks of Embedded System
- To Educate in Various Embedded Development Strategies
- To Introduce Bus Communication in processors, Input/output interfacing.
- To impart knowledge in various processor scheduling algorithms.
- To introduce Basics of Real time operating system and example tutorials to discuss on
- one real time operating system tool


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LAST DATE FOR REGISTRATION: 15th JAN, 2022

EXPECTED OUTCOMES

After completion of this course, students will be able to:

- CO1: Able to explain embedded systems and its applications.
- CO2: Able to explain architecture, data transfer and different addressing modes in microcontrollers.
- CO3: Able to use different components in embedded systems and their assembly.
- CO4: Able to test their designs using circuit emulators.
- CO5: Able to appraise circuit emulator results with hardware implementation and real time applications.

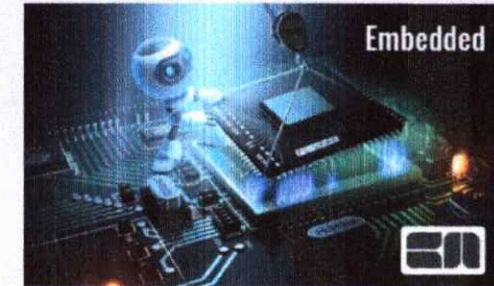
Resource Person
Mr.G.Sujith Kumar,
Technical Trainer
ASK Training Service

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



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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VALUE ADD-ON COURSE ON
“HANDS ON TRAINING IN
EMBEDDED SYSTEM”

17th JAN TO 22nd JAN,2022

Duration of the course:30 HRS

ORGANIZED BY:
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING VALUE ADDED COURSE NAME: HANDS ON TRAINING IN EMBEDDED SYSTEM

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH II YEAR-I SEM

COURSE OBJECTIVES:

- Perform effectively as entry level Embedded Systems professionals.
- Develop and maintain applications written using Embedded C.
- Independently design and develop a hardware platform encompassing a microcontroller and peripherals.

COURSE OUTCOMES:

The Student must be able

- Learn about the general principles of computer architecture.
- learn about the working of a simple embedded system and embedded system applications
- learn the hardware aspects of embedded systems
- understand the sensors, ADCs and actuators used in embedded systems
- Understand the real world examples of embedded systems.

UNIT I: Basics of computer architecture and the binary number system Basics of computer architecture, computer languages, RISC and CISC architectures, number systems, number format conversions, computer arithmetic, units of memory capacity.

UNIT II: Introduction to embedded systems Application domain of embedded systems, desirable features and general characteristics of embedded systems, model of an embedded system, microprocessor Vs microcontroller, example of a simple embedded system, figure of merit for an embedded system, classification of MCUs: 4/8/16/32 bits, history of embedded systems, current trends.

UNIT III: Embedded systems-The hardware point of view Microcontroller unit(MCU), a popular 8-bit MCU, memory for embedded systems, low power design, pull up and pull down resistors

UNIT IV: Sensors, ADCs and Actuators Sensors: Temperature Sensor, Light Sensor, Proximity/range Sensor; Analog to digital converters: ADC Interfacing; Actuators Displays, Motors, Opto couplers/Opto isolators, relays.

UNIT V: Examples of embedded systems Mobile phone, automotive electronics, radio frequency identification (RFID), wireless sensor networks (WISENET), robotics, biomedical applications, brain machine interface

TEXT BOOKS:

1. Lyla B Das, Embedded systems: An Integrated Approach, 1st Ed., Pearson, 2013.

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REFERENCE BOOKS:

1. Shibu, K.V., Introduction to Embedded Systems, 1st Ed., TMH, 2009
2. Kanta Rao B, Embedded Systems, 1st Ed., PHI
3. Frank Vahid & Tony Givargis, Embedded System Design, 2nd Edition, John Wiley.


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



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **HANDS ON TRAINING IN EMBEDDED SYSTEM**

ACADEMIC YEAR: 2021-2022

Date: 06-01-2022

B.TECH II YEAR-I SEM


DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	17-01-2022	Basics of computer architecture and the binary number system	09:30 am to 04:00 pm	5 hour
2	18-01-2022	Introduction to embedded systems Application domain of embedded systems	09:30 am to 04:00 pm	5 hour
3	19-01-2022	Embedded systems-The hardware point of view Microcontroller unit(MCU)	09:30 am to 04:00 pm	5 hour
4	20-01-2022	Sensors, ADCs and Actuators Sensors: Temperature Sensor	09:30 am to 04:00 pm	5 hour
5	21-01-2022	Examples of embedded systems Mobile phone	09:30 am to 04:00 pm	5 hour
6	22-01-2022	wireless sensor networks (WISENET), robotics, biomedical	09:30 am to 04:00 pm	5 hour
Total-30 Hours				


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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	Hands on Training in Embedded System	BREAK	Hands on Training in Embedded System	LUNCH	Hands on Training in Embedded System	BREAK	Hands on Training in Embedded System
TUE							
WED							
THU							
FRI							
SAT							



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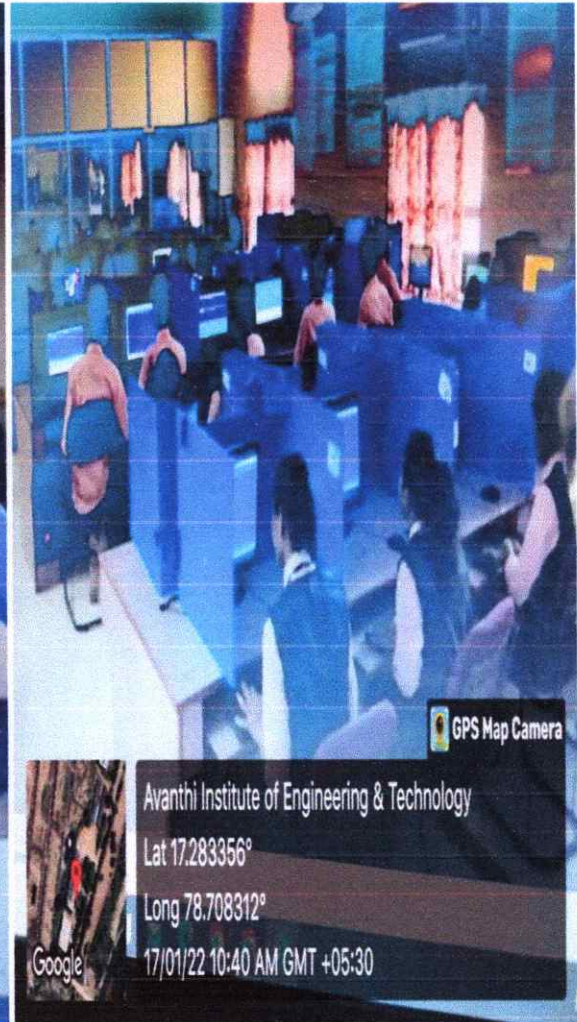
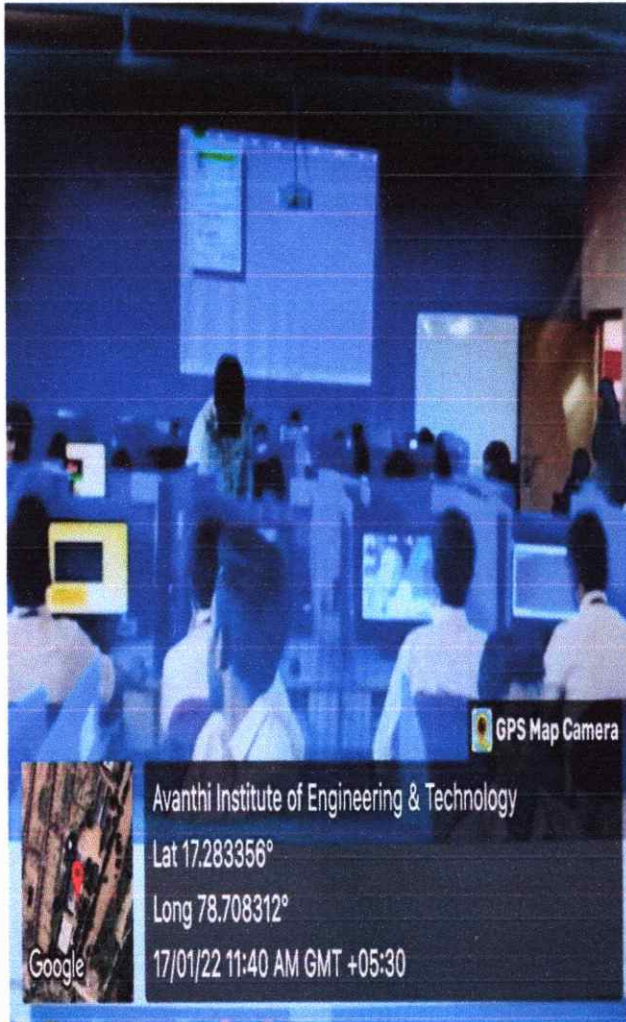
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The Students of II-Year B.Tech Certificate Program Attending "Hands On Traing On Embedded Systems" By The Resource Person" Mr.G.Sujith Kumar By Ask Training Service.


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **HANDS ON TRAINING IN EMBEDDED SYSTEM**

II YEAR I-SEM

Enrolled Students List

Date: 17-01-2022 to 22-01-2022

S.No	Roll Number	Name of The Student
1	21Q65A0411	Poshettysaranya
2	21Q65A0412	Chinthakindi Akhil
3	21Q65A0413	Dandupati Saiteja
4	21Q65A0414	Dasari Naveen Kumar
5	21Q65A0415	G Anand
6	21Q65A0416	Gaddam Vinay Yadav
7	21Q65A0417	Gurralla Pream Sai
8	21Q65A0418	Kakani Harshith
9	21Q65A0419	Nagulapally Ganesh
10	21Q65A0420	Neela Laxman
11	21Q65A0421	Ramchinna Mansia
12	21Q65A0422	Swarna Kiranbabu
13	21Q65A0423	Vaddepally Rakesh
14	21Q65A0424	Varda Manasa
15	21Q65A0425	Veerla Saipavan
16	21Q65A0426	Jakkula Harsha Vardhan
17	21Q65A0427	P Jayasri Goud
18	21Q61D5701	Bandaru Haribabu
19	21Q61D5702	Ghanapuram Lavanya
20	21Q61D5703	Jella Vamshi Krishna
21	21Q61D5704	Kamani Suma
22	21Q61D5705	Karantothu Roja
23	21Q61D5706	Mettapelli Neelima
24	21Q61D5707	Nune Manikanta
25	21Q61D5708	Pandi Akshita Sagar
26	21Q61D5709	Ramavath Sabitha
27	21Q61D5710	Rekha Shirisha
28	21Q61D5711	Serubai Anusha
29	21Q61D5712	T Nikhil Reddy
30	21Q61D5713	Kasaramoni Kumar
31	21Q61D5714	Nelanti Priyanka
32	21Q61D5715	P Aruna

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN EMBEDDED SYSTEM

II YEAR I-SEM

A.Y 2021-2022

Date: 06-01-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	17.01.22	18.01.22	19.01.22	20.01.22	21.01.22	22.01.22
1	21Q65A0411	Poshtettysharanya	P	P	P	P	P	P
2	21Q65A0412	Chinthakindi Akhil	P	P	P	P	P	P
3	21Q65A0413	Dandupati Saiteja	P	P	P	P	P	P
4	21Q65A0414	Dasari Naveen Kumar	P	P	P	P	P	P
5	21Q65A0415	G Anand	P	P	P	P	P	P
6	21Q65A0416	Gaddam Vinay Yadav	P	P	P	P	P	P
7	21Q65A0417	Gurralla Pream Sai	P	P	P	P	P	P
8	21Q65A0418	Kakani Harshith	P	P	P	P	A	P
9	21Q65A0419	Nagulapally Ganesh	P	P	P	P	P	P
10	21Q65A0420	Neela Laxman	P	P	P	P	P	P
11	21Q65A0421	Ramchinna Mansia	P	P	P	P	P	P
12	21Q65A0422	Swarna Kiranbabu	P	P	P	P	P	P
13	21Q65A0423	Vaddepally Rakesh	P	P	P	P	P	P
14	21Q65A0424	Varda Manasa	P	P	P	P	P	P
15	21Q65A0425	Veerla Saipavan	P	P	P	P	P	P
16	21Q65A0426	Jakkula Harsha Vardhan	P	P	P	P	P	P
17	21Q65A0427	P Jayasri Goud	P	P	P	P	P	P
18	21Q61D5701	Bandaru Haribabu	P	P	P	P	P	P
19	21Q61D5702	Ghanapuram Lavanya	P	P	P	P	P	P
20	21Q61D5703	Jella Vamshi Krishna	A	A	A	A	A	A
21	21Q61D5704	Kamani Suma	P	P	P	P	P	P
22	21Q61D5705	Karantothu Roja	P	P	P	P	P	P
23	21Q61D5706	Mettapelli Neelima	P	P	P	P	P	P
24	21Q61D5707	Nune Manikanta	P	P	P	P	P	P
25	21Q61D5708	Pandi Akshita Sagar	P	P	P	P	P	P
26	21Q61D5709	Ramavath Sabitha	A	A	A	A	A	A
27	21Q61D5710	Rekha Shirisha	P	P	P	P	P	P
28	21Q61D5711	Serubai Anusha	P	P	P	P	P	P
29	21Q61D5712	T Nikhil Reddy	P	P	P	P	P	P
30	21Q61D5713	Kasaramoni Kumar	A	P	P	P	P	P
31	21Q61D5714	Nelanti Priyanka	P	P	P	P	P	P
32	21Q61D5715	P Aruna	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: HANDS ON TRAINING IN EMBEDDED SYSTEM

II YEAR I-SEM

A.Y 2021-2022

Date: 17-01-2022 to 22-01-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0411	Poshettysaranya	30	100
2	21Q65A0412	Chinthakindi Akhil	30	100
3	21Q65A0413	Dandupati Saiteja	30	100
4	21Q65A0414	Dasari Naveen Kumar	30	100
5	21Q65A0415	G Anand	30	100
6	21Q65A0416	Gaddam Vinay Yadav	30	100
7	21Q65A0417	Gurralla Pream Sai	30	100
8	21Q65A0418	Kakani Harshith	25	83.3
9	21Q65A0419	Nagulapally Ganesh	30	100
10	21Q65A0420	Neela Laxman	30	100
11	21Q65A0421	Ramchinna Mansia	30	100
12	21Q65A0422	Swarna Kiranbabu	30	100
13	21Q65A0423	Vaddepally Rakesh	30	100
14	21Q65A0424	Varda Manasa	30	100
15	21Q65A0425	Veerla Saipavan	30	100
16	21Q65A0426	Jakkula Harsha Vardhan	30	100
17	21Q65A0427	P Jayasri Goud	30	100
18	21Q61D5701	Bandaru Haribabu	30	100
19	21Q61D5702	Ghanapuram Lavanya	30	100
20	21Q61D5703	Jella Vamshi Krishna	0	0
21	21Q61D5704	Kamani Suma	30	100
22	21Q61D5705	Karantothu Roja	30	100
23	21Q61D5706	Mettapelli Neelima	30	100
24	21Q61D5707	Nune Manikanta	30	100
25	21Q61D5708	Pandi Akshita Sagar	30	100
26	21Q61D5709	Ramavath Sabitha	0	0
27	21Q61D5710	Rekha Shirisha	30	100
28	21Q61D5711	Serubai Anusha	30	100
29	21Q61D5712	T Nikhil Reddy	30	100
30	21Q61D5713	Kasaramoni Kumar	25	83.3
31	21Q61D5714	Nelanti Priyanka	30	100
32	21Q61D5715	P Aruna	30	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 28-01-2022

PROGRAM REPORT

Name of the Value added course: Hands on Training in Embedded System

Day/Duration: 30 hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.G.Sujith Kumar, Technical Trainer, Ask Training Service.

Name of the Coordinator: Mr.B.Venkateshwarlu, Assistant Professor.

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Basics of computer architecture and the binary number system
- Introduction to embedded systems
- Embedded systems-The hardware
- Sensors, ADCs and Actuators
- Examples of embedded systems

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Head of the Department

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ASK Training Services

This is to certify that Mr./Ms **D.SAITEJA** bearing Reg.no **21Q65A0413** Has completed **“HANDS ON TRAINING IN EMBEDDED SYSTEM”** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy. In association with **‘ASK Training Services’** from **17/01/2022** to **22/01/2022.**

For ASK Training Services



Proprietor



COORDINATOR

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

ASK Training Services


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For ASK Training Services


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/II/01

Date: 03-03-2022

CIRCULAR

This is to inform all the III B.Tech ECE students that the Department organizing an value added course on "Advanced Memory Technologies". Department Advisory Committee has been identified **S.Saidi Reddy, Assistant Professor, Department of ECE** as a resource person for this course. The course is scheduled to run for 06 days from 07-03-2022 to 12-03-2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.

HOD

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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III.B. Tech ECE students

Dept. file

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ABOUT THE COURSE

This course examines the fundamental principles of semiconductor memory devices, including volatile and non-volatile solid state random access memory (RAM) systems. Both commercially deployed memory technology (Dynamic RAM, Static RAM, Flash, etc) will be examined along with emerging technologies (like Magnetic RAM, Resistive RAM).

COURSE OBJECTIVES

- Analyze the working of SRAM Cell and peripheral circuit.
- Demonstrate the working of BiCMOS DRAM.
- Evaluate the working of Floating Gate EPROM Cell

EXPECTED OUTCOMES

The Student must be able

- Summarize Static Random Access Memory Technologies.
- Outline the concepts of dynamic random access memory technologies.
- Demonstrate various nonvolatile memories
- Illustrate Memory Reliability and Radiation Effects
- Describe advanced memory technologies

Resource Person
Mr.S.Saidi Reddy,
Assistant Professor
Department of ECE


PRINCIPAL
Avanathi Institute of Engg. & Tech.
Guntihapally (V), Abdullapurmet (Md) R.R.Dist

LAST DATE FOR REGISTRATION:05th MAR,2022

Co-ordinator
Mrs.T.Padmavathi,
Assistant Professor
Department of ECE



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VALUE ADD-ON COURSE ON “ADVANCED MEMORY TECHNOLOGIES”

07th TO 12th MAR,2022

Duration of the course:30 HRS

ORGANIZED BY:
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING





AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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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: ADVANCED MEMORY TECHNOLOGIES

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: 2021-2022

B.TECH III YEAR-II SEM

COURSE OBJECTIVES:

- Analyze the working of SRAM Cell and peripheral circuit.
- Demonstrate the working of BiCMOS DRAM.
- Evaluate the working of Floating Gate EPROM Cell

COURSE OUTCOMES:

The Student must be able

- Summarize Static Random Access Memory Technologies.
- Outline the concepts of dynamic random access memory technologies.
- Demonstrate various nonvolatile memories
- Illustrate Memory Reliability and Radiation Effects
- Describe advanced memory technologies

UNIT I: Static RAM Technologies Static Random Access Memories (SRAMs), SRAM Cell Structures, MOS SRAM Architecture, MOS SRAM Cell and Peripheral Circuit, Bipolar SRAM, Advanced SRAM Architectures, Application Specific SRAMs.

UNIT II: Dynamic RAM Technologies DRAMs, MOS DRAM Cell, Bi-CMOS DRAM, Error Failures in DRAM, Advanced DRAM Design and Architecture, Application Specific DRAMs. SRAM and DRAM Memory controllers.

UNIT III: Non-Volatile Memories Masked ROMs, PROMs, Bipolar & CMOS PROM, EEPROMs, Floating Gate EPROM Cell, OTP EPROM, EEPROMs, Non-volatile SRAM, Flash Memories.

UNIT IV: Memory Reliability and Radiation Effects General Reliability Issues, RAM Failure Modes and Mechanism, Nonvolatile Memory, Radiation Effects, SEP, Radiation Hardening Techniques. Process and Design Issues, Radiation Hardened Memory Characteristics, Radiation Hardness Assurance and Testing.

UNIT V: Advanced Memory Technologies Introduction to memory technologies, High-density Memory Packing Technologies, Ferroelectric Random Access Memories (FRAMs), Gallium Arsenide (GaAs) FRAMs, Analog Memories, Magneto Resistive Random Access Memories (MRAMs), Experimental Memory Devices.

TEXT BOOKS:


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1. Ashok K Sharma, Advanced Semiconductor Memories: Architectures, Designs and Applications", Wiley

REFERENCE BOOKS:

1. Kiyoo Itoh, VLSI memory chip design, Springer International Edition
2. Ashok K Sharma, Semiconductor Memories: Technology, Testing and Reliability, PHI.


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HOD

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

VALUE ADDED COURSE NAME: **ADVANCED MEMORY TECHNOLOGIES**

ACADEMIC YEAR: 2021-2022

Date: 03-03-2022

B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET


Sl. No	DAY	Topic	Timings	Duration
1	07-03-2022	Static RAM Technologies Static Random Access Memories (SRAMs)	09:30 am to 04:00 pm	5 Hours
2	08-03-2022	Dynamic RAM Technologies DRAMs, MOS DRAM Cell, Bi-CMOS DRAM, Error Failures in DRAM	09:30 am to 04:00 pm	5 Hours
3	09-03-2022	Non-Volatile Memories Masked ROMs, PROMs, Bipolar & CMOS PROM, EEPROMs	09:30 am to 04:00 pm	5 Hours
4	10-03-2022	Memory Reliability and Radiation Effects General Reliability Issues, RAM Failure Modes and Mechanism	09:30 am to 04:00 pm	5 Hours
5	11-03-2022	Advanced Memory Technologies Introduction to memory technologies	09:30 am to 04:00 pm	5 Hours
6	12-03-2022	High-density Memory Packing Technologies, Ferroelectric Random Access Memories	09:30 am to 04:00 pm	5 Hours
Total : 30 Hours				


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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	Advanced Memory Technologies	BREAK	Advanced Memory Technologies	LUNCH	Advanced Memory Technologies	BREAK	Advanced Memory Technologies
TUE							
WED							
THU							
FRI							
SAT							


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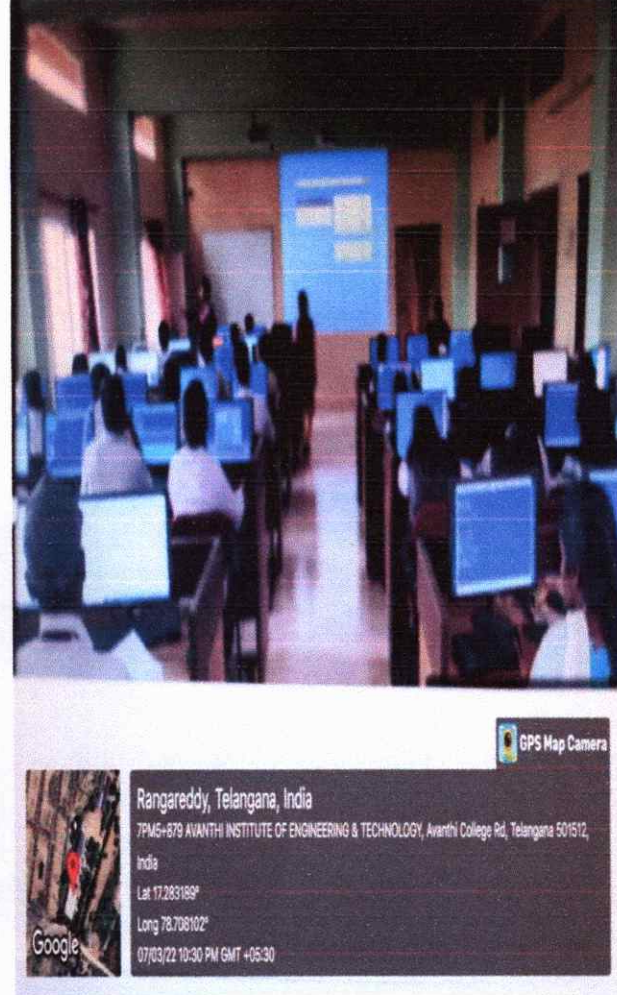
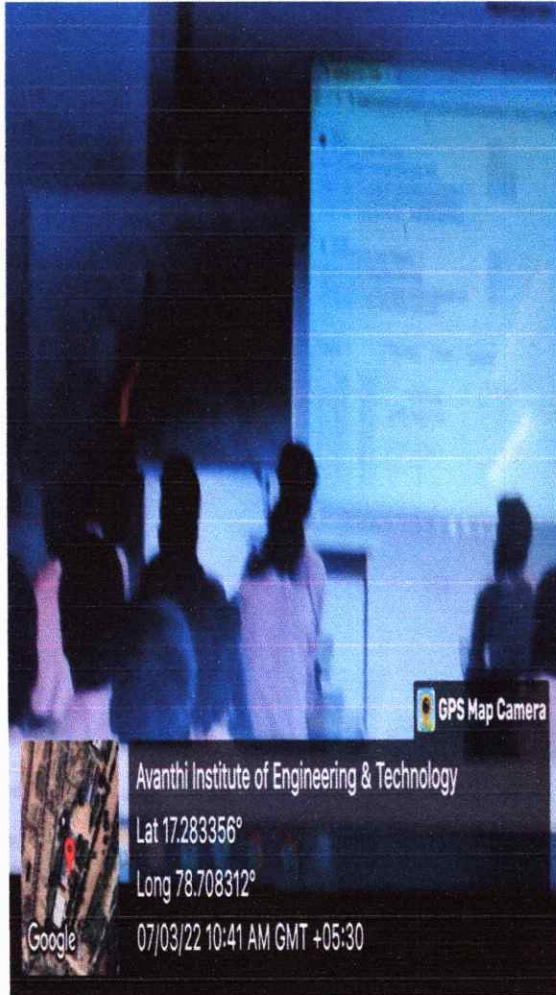
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The Students of III-Year B.Tech Certificate Program Attending "Advanced Memory Technologies" By Resource Person "Mr.S.Saidi Reddy, Assistant Professor "

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ADVANCED MEMORY TECHNOLOGIES**

III YEAR II-SEM

Enrolled Students List

Date: 07-03-2022 to 12-03-2022

S.No	Roll Number	Name of The Student
1	19Q61A0464	Karnati Upender Reddy
2	19Q61A0465	Kavali Dinesh Kumar
3	19Q61A0466	Kondoju Ankitha
4	19Q61A0467	Korpuri Arun Kumar
5	19Q61A0468	Kudikala Swapna
6	19Q61A0469	Mamindla Karthik
7	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal
8	19Q61A0471	Mohammed Khaleel
9	19Q61A0472	Mote Vamshi Krishna
10	19Q61A0473	Mulakala Nireesha
11	19Q61A0474	Mulinti Mounika
12	19Q61A0475	Punna Srija
13	19Q61A0476	Syed Imran
14	19Q61A0477	Venreddy Rashmitha
15	19Q61A0478	Jakkidi Madhuri
16	19Q61A0479	Balamisu Divya
17	19Q61A0480	Venna Ujwala
18	19Q61A0481	Aithagoni Venkatesh
19	19Q61A0482	Yarra Pretham
20	19Q61A0483	Nenavath Akhilkumar
21	19Q61A0484	Srighadi Meghana
22	19Q61A0485	P. Haritha
23	19Q61A0486	Yemike Nithish Chandra
24	19Q61A0487	B.Navaneetha
25	19Q61A0488	R Santhoshwar
26	19Q61A0489	N. Srivastha
27	19Q61A0490	E Pavan
28	19Q61A0491	B Sreeraj
29	19Q61A0492	M Narsig
30	19Q61A0493	Rajkumar Sharma
31	19Q61A0494	Ch Karthik
32	19Q61A0495	H Vijaykumar

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Head of HOD Department

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: **ADVANCED MEMORY TECHNOLOGIES**

III YEAR II-SEM

A.Y 2021-2022

Date: 03-03-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	07.03.22	08.03.22	09.03.22	10.03.22	11.03.22	12.03.22
1	19Q61A0464	Karnati Upcندر Reddy	P	P	P	P	P	P
2	19Q61A0465	Kavali Dinesh Kumar	P	P	P	P	P	P
3	19Q61A0466	Kondoju Ankitha	P	P	P	P	P	P
4	19Q61A0467	Korpuri Arun Kumar	P	P	P	P	P	P
5	19Q61A0468	Kudikala Swapna	P	P	P	P	P	P
6	19Q61A0469	Mamindla Karthik	P	A	P	P	P	P
7	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal	P	P	P	P	P	P
8	19Q61A0471	Mohammed Khaleel	P	P	P	P	P	P
9	19Q61A0472	Mote Vamshi Krishna	P	P	P	P	P	P
10	19Q61A0473	Mulakala Nireesha	P	P	P	P	P	P
11	19Q61A0474	Mulinti Mounika	P	P	P	A	P	P
12	19Q61A0475	Punna Srija	P	P	P	P	P	P
13	19Q61A0476	Syed Imran	P	P	P	P	P	P
14	19Q61A0477	Venreddy Rashmitha	P	P	P	P	P	P
15	19Q61A0478	Jakkidi Madhuri	P	P	P	P	P	P
16	19Q61A0479	Balamisu Divya	P	P	P	P	P	P
17	19Q61A0480	Venna Ujwala	P	P	P	P	P	P
18	19Q61A0481	Aithagoni Venkatesh	A	A	A	A	A	A
19	19Q61A0482	Yarra Pretham	P	P	P	P	P	P
20	19Q61A0483	Nenavath Akhilkumar	P	P	P	P	P	P
21	19Q61A0484	Srighadi Meghana	P	P	P	P	P	P
22	19Q61A0485	P. Haritha	P	P	P	P	P	P
23	19Q61A0486	Yemike Nithish Chandra	P	P	P	P	P	P
24	19Q61A0487	B.Navaneetha	P	P	P	P	P	P
25	19Q61A0488	R Santhoshwar	P	P	P	P	P	P
26	19Q61A0489	N. Srivastha	P	P	P	P	P	P
27	19Q61A0490	E Pavan	A	A	A	A	A	A
28	19Q61A0491	B Sreeraj	P	P	P	P	P	P
29	19Q61A0492	M Narsig	P	P	P	P	P	P
30	19Q61A0493	Rajkumar Sharma	P	P	P	P	P	P
31	19Q61A0494	Ch Karthik	P	P	P	P	P	P
32	19Q61A0495	H Vijaykumar	P	P	P	P	P	P

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


VALUE ADDED COURSE NAME: **ADVANCED MEMORY TECHNOLOGIES**

III YEAR II-SEM

A.Y 2021-2022

Date: 07-03-2022 to 12-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0464	Karnati Upender Reddy	30	100
2	19Q61A0465	Kavali Dinesh Kumar	30	100
3	19Q61A0466	Kondoju Ankitha	30	100
4	19Q61A0467	Korpuri Arun Kumar	30	100
5	19Q61A0468	Kudikala Swapna	30	100
6	19Q61A0469	Mamindla Karthik	25	83.3
7	19Q61A0470	Medicherla Venkata Siva Bhanu Gopal	30	100
8	19Q61A0471	Mohammed Khaleel	30	100
9	19Q61A0472	Mote Vamshi Krishna	30	100
10	19Q61A0473	Mulakala Nireesha	30	100
11	19Q61A0474	Mulinti Mounika	25	83.3
12	19Q61A0475	Punna Srija	30	100
13	19Q61A0476	Syed Imran	30	100
14	19Q61A0477	Venreddy Rashmitha	30	100
15	19Q61A0478	Jakkidi Madhuri	30	100
16	19Q61A0479	Balamisu Divya	30	100
17	19Q61A0480	Venna Ujwala	30	100
18	19Q61A0481	Aithagoni Venkatesh	0	0
19	19Q61A0482	Yarra Pretham	30	100
20	19Q61A0483	Nenavath Akhilkumar	30	100
21	19Q61A0484	Srighadi Meghana	30	100
22	19Q61A0485	P. Haritha	30	100
23	19Q61A0486	Yemike Nithish Chandra	30	100
24	19Q61A0487	B.Navaneetha	30	100
25	19Q61A0488	R Santhoshwar	30	100
26	19Q61A0489	N. Srivastha	30	100
27	19Q61A0490	E Pavan	0	0
28	19Q61A0491	B Sreeraj	30	100
29	19Q61A0492	M Narsig	30	100
30	19Q61A0493	Rajkumar Sharma	30	100
31	19Q61A0494	Ch Karthik	30	100
32	19Q61A0495	H Vijaykumar	30	100


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 18-03-2022

PROGRAM REPORT

Name of the Value Added Course: Advanced Memory Technologies

Day/Duration: 30 hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.S.Saidi Reddy, Assistant Professor.

Name of the Coordinator: Mrs.T.Padmavathi, Assistant Professor.

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Static RAM Technologies
- Dynamic RAM Technologies
- Non-Volatile Memories
- Memory Reliability and Radiation Effects
- Advanced Memory Technologies


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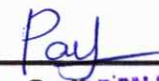
Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **CH.KARTHIK** Bearing roll number **19Q61A0495** from the department of ECE completed the value added course on "**ADVANCED MEMORY TECHNOLOGIES**" During the year **2021-22**.


Head of The Department


Coordinator
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Principal
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Department of Electronics and Communication Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr **K.ANKITHA** Bearing roll number **19Q61A0466** from the department of ECE completed the value added course on "**ADVANCED MEMORY TECHNOLOGIES**" During the year **2021-22**.


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVIH/ECE/AOC/CIR/2021-22/II/02

Date: 23-03-2022

CIRCULAR

This is to inform all the III B.Tech ECE students that the Department organizing a value added course on "VLSI Back End Design ". The course is scheduled to run for 06 days from 28-03-2022 to 02-04-2022. 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.Satyanarayana Reddy, Project Manager with Conscience technology.

Copy to:

The principal,

IQAC

Notice Board

III.B. Tech ECE students

Dept. file

Head of the Department
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ABOUT THE COURSE

VLSI Back end domain(post-synthesis flow) is more technology and tool based flow implementation job role, requiring good expertise with device fundamentals, VLSI technology concepts, digital design and design flow implementation using EDA tools(Ex: ICC, Design compiler)

COURSE OBJECTIVES

- To expose students to theory and give them hands on experience in Analog Layout / Physical
- Design and Physical Verification to prepare them for jobs in Backend VLSI Design in Semiconductor Industry.

EXPECTED OUTCOMES

- Identify the various IC fabrication methods.
- Express the Layout of simple MOS circuit using Lambda based design rules.
- Apply the Lambda based design rules for subsystem design Differentiate various FPGA architectures.
- Design an application using Verilog HDL.

Resource Person
Mr.G.Satyanarayana Reddy,
Project Manager,
Conscience Tech.


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Avanathi Institute of Engg. & Tech
Abdullahgoumer (Mid) P.R.D.S

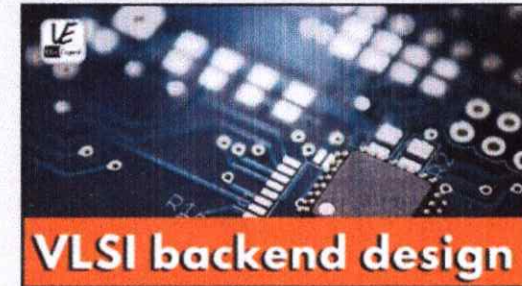
Co-ordinator
Mr.G.Srinivas,
Assistant Professor
Department of ECE

LAST DATE FOR REGISTRATION:25th MAR,2022



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VALUE ADD-ON COURSE ON
"VLSI BACK END DESIGN"

28th MAR TO 02nd APR,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: **VLSI BACK END DESIGN**

VALUE ADDED COURSE SYLLABUS

ACADEMIC YEAR: **2021-2022**

B.TECH III YEAR-II SEM

COURSE OBJECTIVES:

- To expose students to theory and give them hands on experience in Analog Layout Physical
- Design and Physical Verification to prepare them for jobs in Backend VLSI Design in Semiconductor Industry.

COURSE OUTCOMES:

- Identify the various IC fabrication methods.
- Express the Layout of simple MOS circuit using Lambda based design rules.
- Apply the Lambda based design rules for subsystem design Differentiate various FPGA architectures.
- Design an application using Verilog HDL.

UNIT I: INTRODUCTION TO VLSI DESIGN: What is VLSI Design and Microelectronics / Practical Applications of Integrated Circuits / Why study VLSI Design and Microelectronics / Career Prospects in VLSI Design / ASIC Design Flow / Types of Integrated Circuits (Full Custom / Semi Custom / Gate Array) / State of the Art in VLSI Design.

UNIT II: OPERATION AND MODELLING OF THE MOSFET: MOSFET as a switch / NMOS and PMOS Transistors / MOS Device Physics / Regions of Operation / Current Equations in different regions / Threshold Voltage / Body Effect / Channel Length Modulation / Velocity Saturation / Short Channel Effects / Introduction to SPICE Simulation..

UNIT III: CMOS ANALOG CIRCUIT DESIGN - AN INTRODUCTION: Current Equations of MOSFET / MOS Models / Current Sources / Current Mirrors / Differential Amplifier / Comparator / OPAMP / BGR / DAC / ADC / PLL / RF Circuits.

UNIT IV: PHYSICAL DESIGN - AN OVERVIEW: RTL to GDS2 / Netlist to GDS2 design of Digital Integrated Circuits / Floorplaning / Placement / Global and Detailed Routing / Clock Tree Synthesis (CTS) . Introduction to industry standard EDA / CAD tools for Physical Design..

UNIT V: PHYSICAL VERIFICATION AND SIGNOFF: AN OVERVIEW - DRC / LVS / ERC / DFM / Antenna checks. Introduction to EDA / CAD tools used in the industry for



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Physical Verification and Signoff (CAD Tools from Cadence / Synopsys / Mentor Graphics (Siemens)).

TEXT BOOKS:

1. Ashok K Sharma, Advanced Semiconductor Memories: Architectures, Designs and Applications", Wiley

REFERENCE BOOKS:

1. Kiyoo Itoh, VLSI memory chip design, Springer International Edition
2. Ashok K Sharma, Semiconductor Memories: Technology, Testing and Reliability, PHI.


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: VLSI BACK END DESIGN

ACADEMIC YEAR: 2021-2022

Date: 23-03-2022

B.TECH III YEAR-II SEM

DAY WISE SCHEDULE SHEET

SI. No	DAY	Topic	Timings	Duration
1	28-03-2022	VLSI Design and Microelectronics / Practical Applications of Integrated Circuits	09:30 am to 04:00 pm	6 hour
2	29-03-2022	MOSFET as a switch / NMOS and PMOS Transistors / MOS Device Physics / Regions of Operation	09:30 am to 04:00 pm	6 hour
3	30-03-2022	AN INTRODUCTION: Current Equations of MOSFET / MOS Models / Current Sources	09:30 am to 04:00 pm	6 hour
4	31-03-2022	RTL to GDS2 / Netlist to GDS2 design of Digital Integrated Circuits / Floorplaning / Placement / Global and Detailed Routing	09:30 am to 04:00 pm	6 hour
5	01-02-2022	AN OVERVIEW - DRC / LVS / ERC / DFM / Antenna checks. Introduction to EDA / CAD tools used in the industry for Physical	09:30 am to 04:00 pm	6 hour
6	02-04-2022	Verification and Signoff (CAD Tools from Cadence / Synopsys / Mentor Graphics	09:30 am to 04:00 pm	6 hour
Total : 36 Hours				


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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	VLSI Back End Design	BREAK	VLSI Back End Design	LUNCH	VLSI Back End Design	BREAK	VLSI Back End Design
TUE							
WED							
THU							
FRI							
SAT							


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



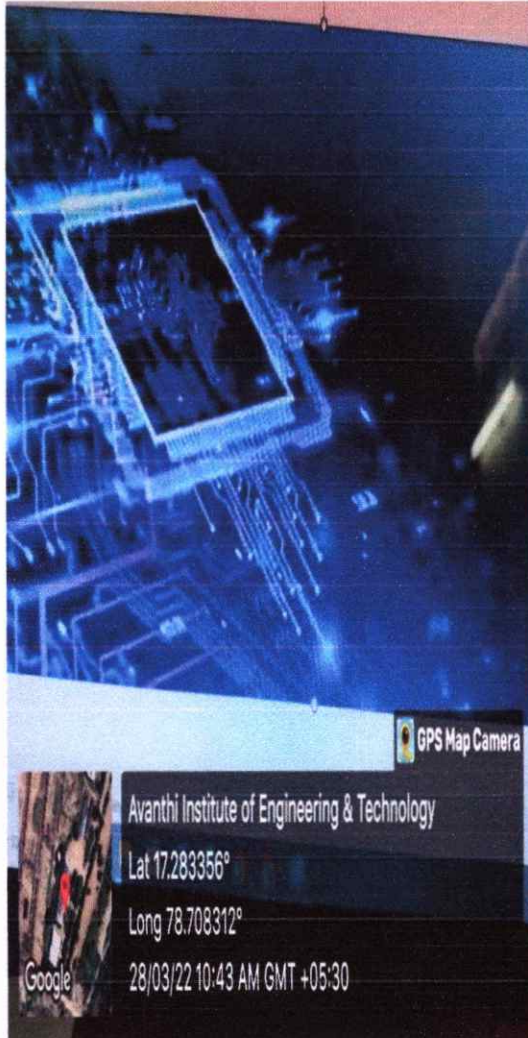
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The Students of III-Year B.Tech certificate program attending "VLSI Backend Design" by the Resource Person "Mr.G.Satyanaryana Reddy", Project Manager by Conscience Technology.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: VLSI BACK END DESIGN

III YEAR II-SEM ECE Enrolled Students List Date: 28-03-2022 to 02-04-2022

S.No	Roll Number	Name of The Student
1	19Q61A0496	Sri Harithareddy
2	19Q61A0497	J Shreya
3	19Q61A0498	Lathif Mohammed Khan
4	19Q61A0499	B Bhanuprakash
5	19Q61A04A0	Y Shivani
6	19Q61A04A1	C Sri Vasthav
7	18Q61A0447	Bommireddy Nikhil Vardhan Reddy
8	18Q61A0450	Chellingi Durga Saiteja
9	18Q61A0441	Velga Shashidar Reddy
10	18Q61A0406	Boddu Srinivas Reddy
11	18Q61A0463	Pidugu Vivek
12	20Q65A0401	Bairi Bhaskar Goud
13	20Q65A0402	Bantu Shiva Prasad
14	20Q65A0403	Bhukya Sreelatha
15	20Q65A0404	Boda Saidulu
16	20Q65A0405	Ch Om Sai Vahini
17	20Q65A0406	Chitumalla Manideep
18	20Q65A0407	Gajagatla Keerthana
19	20Q65A0408	Gundeti Shruthi
20	20Q65A0409	K Shiva
21	20Q65A0410	Mandalaju Ramprasad
22	20Q65A0411	Mohammed Soheil
23	20Q65A0412	Nadikudi Mounika
24	20Q65A0413	Polepalli Hemanth
25	20Q65A0414	Puli Anusha
26	20Q65A0415	Puttapaga Manisha
27	20Q65A0416	Racharla Bhanuprasad
28	20Q65A0417	Adapaka Raviteja
29	20Q65A0418	Anna Keerthana
30	20Q65A0419	Attani Mahesh Yadav
31	20Q65A0420	Balnagar Govind
32	20Q65A0421	Bharatha Geetha

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: VLSI BACK END DESIGN

III YEAR II-SEM ECE

A.Y 2021-2022

Date: 23-03-2022


DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	28.03.22	29.03.22	30.03.22	31.03.22	01.04.22	02.04.22
1	19Q61A0496	Sri Harithareddy	P	P	P	P	P	P
2	19Q61A0497	J Shreya	P	P	P	P	P	P
3	19Q61A0498	Lathif Mohammed Khan	P	P	P	P	P	P
4	19Q61A0499	B Bhanuprakash	P	P	P	P	P	P
5	19Q61A04A0	Y Shivani	P	P	P	P	P	P
6	19Q61A04A1	C Sri Vasthav	P	P	P	P	P	P
7	18Q61A0447	Bommireddy Nikhil Vardhan Reddy	P	P	P	P	P	P
8	18Q61A0450	Chellingi Durga Saiteja	P	P	P	P	P	P
9	18Q61A0441	Velga Shashidar Reddy	A	A	A	A	A	A
10	18Q61A0406	Boddu Srinivas Reddy	P	P	P	P	P	P
11	18Q61A0463	Pidugu Vivek	P	P	P	P	P	P
12	20Q65A0401	Bairi Bhaskar Goud	P	P	P	P	P	P
13	20Q65A0402	Bantu Shiva Prasad	P	P	P	P	P	P
14	20Q65A0403	Bhukya Sreelatha	P	P	P	P	P	P
15	20Q65A0404	Boda Saidulu	P	P	P	P	P	P
16	20Q65A0405	Ch Om Sai Vahini	P	P	P	P	P	P
17	20Q65A0406	Chitumalla Manideep	P	P	P	P	P	P
18	20Q65A0407	Gajagatla Keerthana	A	A	A	A	A	A
19	20Q65A0408	Gundeti Shruthi	P	P	P	P	P	P
20	20Q65A0409	K Shiva	P	P	P	P	P	P
21	20Q65A0410	Mandalaju Ramprasad	P	P	P	P	P	P
22	20Q65A0411	Mohammed Soheil	P	P	P	P	P	P
23	20Q65A0412	Nadikudi Mounika	P	P	P	P	P	P
24	20Q65A0413	Polepalli Hemanth	P	P	P	P	P	P
25	20Q65A0414	Puli Anusha	A	P	P	P	P	P
26	20Q65A0415	Puttapaga Manisha	P	P	P	P	P	P
27	20Q65A0416	Racharla Bhanuprasad	P	P	P	P	P	P
28	20Q65A0417	Adapaka Raviteja	P	P	P	P	P	P
29	20Q65A0418	Anna Keerthana	P	P	P	P	P	P
30	20Q65A0419	Attani Mahesh Yadav	P	P	P	P	P	P
31	20Q65A0420	Balnagar Govind	P	P	P	P	A	P
32	20Q65A0421	Bharatha Geetha	P	P	P	P	P	P


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE NAME: VLSI BACK END DESIGN

III YEAR II-SEM ECE

A.Y 2021-2022

Date: 28-03-2022 to 02-04-2022


S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0496	Sri Harithareddy	36	100
2	19Q61A0497	J Shreya	36	100
3	19Q61A0498	Lathif Mohammed Khan	36	100
4	19Q61A0499	B Bhanuprakash	36	100
5	19Q61A04A0	Y Shivani	36	100
6	19Q61A04A1	C Sri Vasthav	36	100
7	18Q61A0447	Bommireddy Nikhil Vardhan Reddy	36	100
8	18Q61A0450	Chellingi Durga Saiteja	36	100
9	18Q61A0441	Velga Shashidar Reddy	0	0
10	18Q61A0406	Boddu Srinivas Reddy	36	100
11	18Q61A0463	Pidugu Vivek	36	100
12	20Q65A0401	Bairi Bhaskar Goud	36	100
13	20Q65A0402	Bantu Shiva Prasad	36	100
14	20Q65A0403	Bhukya Sreelatha	36	100
15	20Q65A0404	Boda Saidulu	36	100
16	20Q65A0405	Ch Om Sai Vahini	36	100
17	20Q65A0406	Chitumalla Manideep	36	100
18	20Q65A0407	Gajagatla Keerthana	0	0
19	20Q65A0408	Gundeti Shruthi	36	100
20	20Q65A0409	K Shiva	36	100
21	20Q65A0410	Mandalaju Ramprasad	36	100
22	20Q65A0411	Mohammed Soheil	36	100
23	20Q65A0412	Nadikudi Mounika	36	100
24	20Q65A0413	Polepalli Hemanth	36	100
25	20Q65A0414	Puli Anusha	30	83.3
26	20Q65A0415	Puttapaga Manisha	36	100
27	20Q65A0416	Racharla Bhanuprasad	36	100
28	20Q65A0417	Adapaka Raviteja	36	100
29	20Q65A0418	Anna Keerthana	36	100
30	20Q65A0419	Attani Mahesh Yadav	36	100
31	20Q65A0420	Balnagar Govind	30	83.3
32	20Q65A0421	Bharatha Geetha	36	100


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 10-04-2022

PROGRAM REPORT

Name of the Value Added Course: VLSI Back End Design

Day/Duration: 36 hours

Time: 10:00 am to 04:00 pm

Resource Person: Mr.G.Satyanarayana Reddy, Subject Expert, Conscience technology.

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

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Introduction To VLSI Design
- Operation And Modeling of The MOSFET
- CMOS Analog Circuit Design
- Physical Design
- Physical Verification And Signoff


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Certification of Participation

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Academic Director

CONSCIENCE TECHNOLOGIES

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THIS IS TO CERTIFY THAT MR./MS. **JSHREYA** BEARING REG.NO
19Q61A0497 IS PARTICIPATED IN "VLSI BACK END DESIGN" COURSE
CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,**
GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH
'CONSCIENCE TECHNOLOGIES' FROM 28/03/2022 TO 02/04/2022



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2021-22/I/01

Date: 08-09-2021

CIRCULAR

This is to inform all the III B.Tech EEE students that the Department organizing a value added course on "Manufacturing of Commercial LED Lamps".. The course is scheduled to run for 06 days from 13-09-2021 to 18-09-2021. 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.Ganapathi, Design Engineer with LED Chip Indus Pvt Ltd.

T. Kruth
HOD

Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (MdI)-
Rajeev Reddy District

Copy to:

The principal, for kind information

IQAC

Notice board

III-I. B. Tech EEE students

Dept. file

[Signature]

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ABOUT THE COURSE

LED lighting is integrating into our day-to-day lives and becoming the go-to lighting solution for many homes in the UK. LED manufacturers are working with extreme care and quality control to ensure only the highest standard lighting reaches end consumers. Let's take a further look into the LED lights manufacturing process.

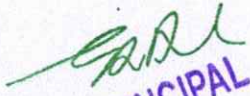
COURSE OBJECTIVES

- To understand the basics of power electronics and their usage in lighting controls, LED power supplies, and LED drivers.
- To know about Special safety and handling precautions to be taken during LED luminary testing.
- Identify dysfunctional components through visual inspection and by use of multi-meter
- To understand various electronic & electrical components, materials, and their specific properties & usages.

EXPECTED OUTCOMES

This course involves the practical application of Electronics. It will boost the skill development credibility and improve the ability of the students in repairing electrical components used in day-to-day life. Finally, students will be able to assemble and repair an LED bulb on their own.

Resource Person
Mr.K.Ganapathi
Technical Trainer
LED CHIP INDUS Pvt Ltd


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Guntur (M), Abulhanumet (M), R. Dist
Co-ordinator
Mr.D.Nageshwar Rao
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:10th SEP,2021



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VALUE ADD-ON COURSE ON
“MANUFACTURING OF
COMMERCIAL LED LAMPS”

13th SEP TO 18th SEP,2021

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: MANUFACTURING OF COMMERCIAL LED LAMPS

VALUE ADDED COURSE SYLLABUS

B.TECH: III YEAR-I SEM

ACADEMIC YEAR: 2021-22

Course objectives:

- To understand the basics of power electronics and their usage in lighting controls, LED power supplies, and LED drivers.
- To know about Special safety and handling precautions to be taken during LED luminary testing.
- Identify dysfunctional components through visual inspection and by use of multi-meter
- To understand various electronic & electrical components, materials, and their specific properties & usages.

Module 1: Basics of Electricity and Electronics: Fundamental of electricity. Electron theory- free electron. Fundamental terms, definitions, units & effects of electric current. the importance of basic laws such as Ohms law, Kirchoff's Voltage Law (KVL) and Kirchoff's Current Law (KCL) in electrical installations. Use of resistors in various electronics circuits and demonstrating color code. Series parallel connection of R-Circuit. Use of capacitor in circuit, study charging-discharging methods and identifying colour codes. L-Circuits, explanation of Faradays Law of Electro Magnetic Induction.

Module 2: Use of Tools & Soldering Process: the use of Soldering iron and disordering pump. Identify other mechanical tools, used for fastening and other process like tying, buttoning, nailing, locking. Study & discuss the soldering and disordering process

Module 3: LED Luminaries design: the use of Light source selection is the process of designing and manufacturing LED light fixtures. Study & discuss Optical design, Thermal management, Electrical design, and Mechanical design. List different types of LED lights, where they are used, their Efficacy, Lifespan and Cost-effectiveness.

Module 4: Assembly of an LED system: gathers the necessary components. This includes the LEDs, resistors, capacitors, diodes, and any other electronic components that are needed. Show how to assemble the circuit. This involves connecting the components together in the correct order. Understand how to diagnose an LED circuit by a visual inspection. This involves looking for any obvious signs of damage, such as broken components, loose connections, or burned wires. Demonstrate on how to use high-quality components to ensure that the circuit is reliable and long-lasting.

Module 5: Light Testing Methods and Standards: Discuss and understand Luminous flux. This is the total amount of light emitted by a light source. It is measured in lumens Discuss and understand luminous efficacy. This is the ratio of luminous flux to electrical power. It is measured in lumens per watt. Show how to gather the necessary information on organizations

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such as the International Electro technical Commission (IEC), the Illuminating Engineering Society (IES), and the American National Standards Institute (ANSI).


REFERENCE BOOKS:

1. J.E.Smith - Biotechnology, 3rd edition
2. S.Sarkar - fuels and combustion, 2nd edition.
3. Fuel cells and their application by Kordesch, K and Simander
4. Biochemical conversion by immobilized whole cells by Karube, I and Suzuki, S
5. An introduction to fuel cells by Williams, KR
6. Electricity generation by microorganism by Bennetto, H.P


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: MANUFACTURING OF COMMERCIAL LED LAMPS

ACADEMIC YEAR: 2021-22

Date: 08-09-2021

B.TECH: III YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	13-09-2021	Fundamental of electricity. Electron theory- free electron. Fundamental terms, definitions, units & effects of electric current	09:30 am to 04:00 pm	6 hour
2	14-09-2021	The use of Soldering iron and disordering pump. Identify other mechanical tools, used for fastening and other process.	09:30 am to 04:00 pm	6 hour
3	15-09-2021	The use of Light source selection is the process of designing and manufacturing LED light fixtures. Study & discuss Optical design.	09:30 am to 04:00 pm	6 hour
4	16-09-2021	Gathers the necessary components. This includes the LEDs, resistors, capacitors, diodes, and any other electronic components that are needed	09:30 am to 04:00 pm	6 hour
5	17-09-2021	Discuss and understand Luminous flux. This is the total amount of light emitted by a light source.	09:30 am to 04:00 pm	6 hour
6	18-09-2021	the Illuminating Engineering Society (IES), and the American National Standards Institute (ANSI)	09:30 am to 04:00 pm	6 hour
Total 36 hours				


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Head of Department

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Avanthi Institute of Engineering & Technology
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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	Manufacturing of Commercial LED Lamps	BREAK	Manufacturing of Commercial LED Lamps	LUNCH	Manufacturing of Commercial LED Lamps	BREAK	Manufacturing of Commercial LED Lamps
TUE							
WED							
THU							
FRI							
SAT							


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Ranga Reddy District.



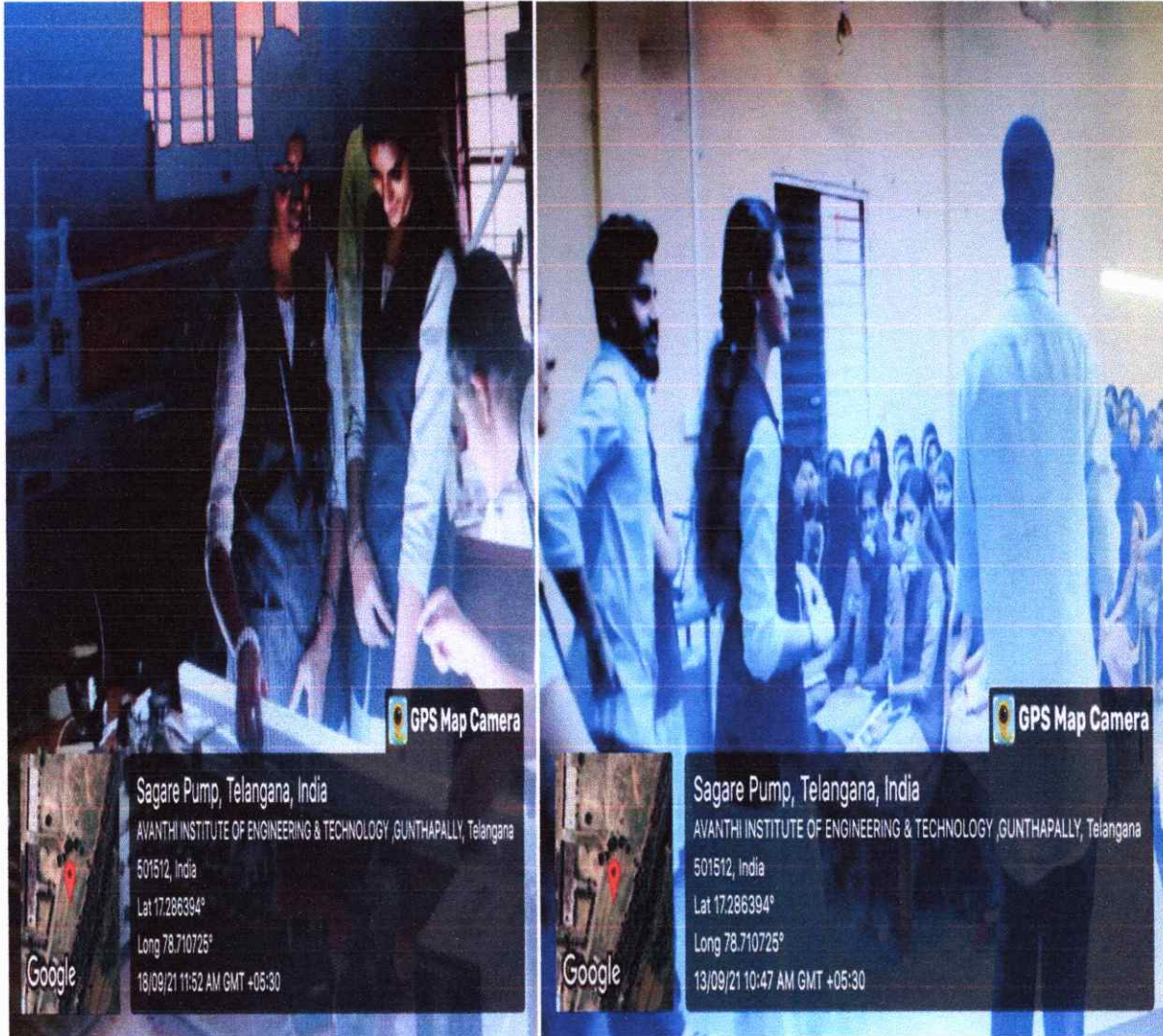
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The Students of III-Year B.Tech Certificate Program Attending "Manufacturing of Commercial LED Lamps" By The Resource Person "Mr.K.Ganapathi, Design Engineer By LED Chip Indus Pvt Ltd.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: MANUFACTURING OF COMMERCIAL LED LAMPS

III YEAR I-SEM ENROLLED STUDENTS LIST Date: 13-09-2021 to 18-09-2021


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
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	Murugesan 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
28	20Q65A0207	Beemanapalli Uma Mahesh


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: MANUFACTURING OF COMMERCIAL LED LAMPS

III YEAR I-SEM

A.Y 2021-2022

Date: 08-09-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	13.09.21	14.09.21	15.09.21	16.09.21	17.09.21	18.09.21
1	19Q61A0201	Banala Sai Vivek	P	P	P	P	P	P
2	19Q61A0202	Banoth Rajesh	P	P	P	P	P	P
3	19Q61A0203	Banoth Sidhu Nayak	A	A	A	A	A	A
4	19Q61A0204	Boluguri Madhuri	A	A	A	A	A	A
5	19Q61A0205	Dharavath Narasimha	P	P	P	P	P	P
6	19Q61A0206	Jangeeli Praveen Kumar	P	P	P	P	P	P
7	19Q61A0207	Kola Eshwar	P	P	P	P	P	P
8	19Q61A0208	Koripelli Chandu	P	P	P	P	P	P
9	19Q61A0209	Korra Naveen	P	P	P	P	P	P
10	19Q61A0210	Kotagiri Harshavardhan	P	P	P	P	P	P
11	19Q61A0211	Manda Ramu	P	P	A	P	P	P
12	19Q61A0212	Narapati Dinesh Kumar	P	P	P	P	P	P
13	19Q61A0213	P Vamshi	P	P	P	P	P	P
14	19Q61A0214	Panugothu Muni	P	P	P	P	P	P
15	19Q61A0215	Verpula Shiva Shankar	P	P	P	P	P	P
16	19Q61A0216	Areboina Kishore	P	P	P	P	P	P
17	19Q61A0217	Bojja Vishwadeepak	P	P	P	P	P	P
18	19Q61A0218	Goli Nagendrababu	P	P	P	P	P	P
19	19Q61A0219	Murugesan Siri Sagar	P	P	P	P	P	P
20	19Q61A0220	Nallani Nagavenkata Chakravarthi	P	P	P	P	P	P
21	19Q61A0221	Padom Gowthamkumar	P	P	P	P	P	P
22	20Q65A0201	Atte Archana	A	A	A	A	A	A
23	20Q65A0202	Madas Vaishnavi	P	P	P	P	P	P
24	20Q65A0203	Marla Manikanta	P	P	P	P	P	P
25	20Q65A0204	Raviteja Desharajula	P	P	P	P	P	P
26	20Q65A0205	Sumanth Molmoori	P	P	P	P	P	P
27	20Q65A0206	Bangaru Akash Chary	P	P	P	P	P	P
28	20Q65A0207	Beemanapalli Uma Mahesh	P	P	P	P	P	P


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: MANUFACTURING OF COMMERCIAL LED LAMPS

III YEAR I-SEM

A.Y 2021-2022

Date: 13-09-2021 to 18-09-2021

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	0	0
4	19Q61A0204	Boluguri Madhuri	0	0
5	19Q61A0205	Dharavath Narasimha	36	100
6	19Q61A0206	Jangeeli Praveen Kumar	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	30	83.3
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	Murugesan Siri Sagar	36	100
20	19Q61A0220	Nallani Nagavenkata Chakravarthi	36	100
21	19Q61A0221	Padom Gowthamkumar	36	100
22	20Q65A0201	Atte Archana	0	0
23	20Q65A0202	Madas Vaishnavi	36	100
24	20Q65A0203	Marla Manikanta	36	100
25	20Q65A0204	Raviteja Desharajula	36	100
26	20Q65A0205	Sumanth Molmooori	36	100
27	20Q65A0206	Bangaru Akash Chary	36	100
28	20Q65A0207	Beemanapalli Uma Mahesh	36	100

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HOD
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 25-09-2021

PROGRAM REPORT

Name of the Value Added Course: Manufacturing of Commercial Led Lamps

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.K.Ganapathi, Technical Trainer, LED Chip Indus Pvt Ltd

Name of the Coordinator: Mr.D.Nageshwar Rao, Assistant Professor

Number of the Participants: 25

Topics covered: The following topics covered in this program

- Basics of Electricity and Electronics.
- Use of Tools & Soldering Process.
- LED Luminaries design
- Assembly of an LED system
- Light Testing Methods and Standards

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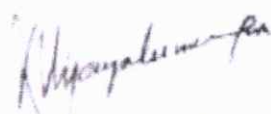
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COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **M.VAISHNAVI** Bearing Reg.No **20Q65A0202** is participated in “**MANUFACTURING OF COMMERCIAL LED LAMPS**” course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **LED Chip Indus Pvt Ltd** from **13/09/2021** to **18/09/2021**.


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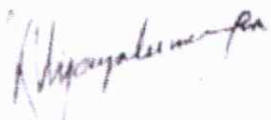

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.



COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.RAJESH** Bearing Reg.No **19Q61A0202** is participated in “**MANUFACTURING OF COMMERCIAL LED LAMPS**” course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **LED Chip Indus Pvt Ltd** from **13/09/2021** to **18/09/2021**.


COORDINATOR
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Head of the Department
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Avanthi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2021-22/I/02

Date: 20-10-2021

CIRCULAR

This is to inform all the II B.Tech EEE students that the Department organizing a value added course on "**Renewable Energy Technology**". Department Advisory Committee has been identified **Dr.S.Srikanth Reddy,Assistant Professor, Department of EEE** as a resource person for this course. The course is scheduled to run for 06 days from 25-10-2021 to 30-10-2021. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.

T. R. H.
HOD

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Copy to:

The principal, for kind information

IQAC

Notice board

II. B. Tech EEE students

Dept. file

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ABOUT THE COURSE

The proposed course will Apply principles of mathematical, natural science, and engineering science to identify, research, analyze, and formulate substantiated solution of complex practical food & biochemical technology problems, in additions to this course also has Ability to communicate effectively on professional activities with the engineering community to uncton effectively as an individual or leader in diverse teams in multi-disciplinary settings. Principles related to complex food solutions, its structural & functional stability and other parameters to ensure its safety in different processing treatments, as an industrial professional fulfilling principles of professional ethics, responsibilities, and norms of engineering practice.

COURSE OBJECTIVES

- Biological fuel generation.
- Biogas from anaerobic digestion.
- Hydrogen production by photosynthetic bacteria.
- Solar energy.

LAST DATE FOR REGISTRATION:22nd OCT,2021

EXPECTED OUTCOMES

- Apply principles of mathematical, natural science, and engineering science to identify, research, analyze, and formulate substantiated solution of complex practical food & biochemical technology problems.
- Design and develop solutions for practical engineering problems related to food, chemical & biochemical industries, and design system components or processes that meet specified needs with appropriate consideration for public health and safety. societal, and environmental considerations
- Design basic engineering processes along with products to meet societal needs within realistic constraints such as economic, environmental, ethical, cultural, human nutrition, feasibility, and sustainability.

Resource Person
Dr.S.Srikanth Reddy,
Assistant Professor,
Department of EEE

Co-ordinator
Mr.U.Ganesh
Assistant Professor
Department of EEE



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ADD-ON COURSE ON

**“RENEWABLE ENERGY
TECHNOLOGY”**

25th OCT TO 30th OCT,2021

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: RENEWABLE ENERGY TECHNOLOGY

VALUE ADDED COURSE SYLLABUS

B.TECH II YEAR-I SEM

ACADEMIC YEAR: 2021-22

Course objectives:

- 1 To understand the concept of Biological fuel generation
- 2 Biogas and Thermal energy
- 3 Hydrogen production and biophotolysis
- 4 Detail explanation of solar energy

Module 1: Biological fuel generation; Biomass as a renewable energy source: Types of biomass: forest, agricultural and animal residues; Industrial and domestic organic wastes; Conversion of biomass to clean fuels and petrochemical substitutes by physicochemical and/or fermentation processes.

Module 2: Biogas from anaerobic digestion: Thermal energy from biomass combustion; Ethanol from biomass.

Module 3: Hydrogen production by photosynthetic bacteria, biophotolysis of water and by fermentation; Microbial recovery of petroleum by biopolymers (Xanthium gum), biosurfactants.

Module 4: Solar energy; Solar collectors, solar pond, photovoltaic cells, chemical storage: Geothermal energy and wind energy; Use of geothermal energy; Operating principles of different Gypes of wind energy mills; Nuclear energy; Nuclear reactions and power generation; Tidal wave energy.

REFERENCE BOOKS:

1. J.E.Smith - Biotechnology, 3rd edition
2. S.Sarkar - fuels and combustion, 2nd edition.
3. Fuel cells and their application by Kordesch, K and Simander
4. Biochemical conversion by immobilized whole cells by Karube, I and Suzuki, S
5. An introduction to fuel cells by Williams, KR
6. Electricity generation by microorganism by Bennetto, H.P

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Head of the Department

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: **RENEWABLE ENERGY TECHNOLOGY**

ACADEMIC YEAR: 2021-22

Date: 20-10-2021

B.TECH: II YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	25-10-2021	Biological fuel generation; Biomass as a renewable energy source: Types of biomass.	09:30 am to 04:00 pm	5 hour
2	26-10-2021	Biogas from anaerobic digestion: Thermal energy from biomass combustion; Ethanol from biomass.	09:30 am to 04:00 pm	5 hour
3	27-10-2021	Hydrogen production by photosynthetic	09:30 am to 04:00 pm	5 hour
4	28-10-2021	bacteria, biophotolysis of water and by fermentation; Microbial recovery of petroleum by biopolymers (Xanthium gum), biosurfactants	09:30 am to 04:00 pm	5 hour
5	29-10-2021	Solar energy; Solar collectors, solar pond, photovoltaic cells, chemical storage:.	09:30 am to 04:00 pm	5 hour
6	30-10-2021	Geothermal energy and wind energy; Use of geothermal energy; Operating principles of different Gypes of wind energy mills; Nuclear energy; Nuclear reactions and power generation; Tidal wave energy	09:30 am to 04:00 pm	5 hour
Total 30 hours				

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Ranga Reddy Dist, Telangana.

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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	Renewable Energy Technology	BREAK	Renewable Energy Technology	LUNCH	Renewable Energy Technology	BREAK	Renewable Energy Technology
TUE							
WED							
THU							
FRI							
SAT							


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The Students of II-Year B.Tech Certificate Program Attending "Renewable Energy Technology" By the Resource Person "Dr.S.Srikanth Reddy.Assistant Professor".

Cy
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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: **RENEWABLE ENERGY TECHNOLOGY**

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 25-10-2021 to 30-10-2021

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	Bachala Srisaiteja
16	21Q65A0207	Chaladi Rakesh Rohan
17	21Q65A0208	Chilveru Swetha
18	21Q65A0209	D Tharun Kumar Reddy
19	21Q65A0210	Dodle Nandu
20	21Q65A0211	Dharshanam Abhishek
21	21Q65A0212	Dumpeta Nikhil
22	21Q65A0213	Gollapelli Vignesh
23	21Q65A0214	Gudipati Bhanuprakash
24	21Q65A0215	Gundemoni Madhu
25	21Q65A0216	Gundeti Shireesha
26	21Q65A0217	Jambula Venkatesh
27	21Q65A0218	Karamthotu Vinod
28	21Q65A0219	Kothakapu Jyoshna
29	21Q65A0220	Kothi Bhanu Prakash
30	21Q65A0221	Kuchani Sai Srujan
31	21Q65A0222	Kumaram Mounika
32	21Q65A0223	Kunchala Trinath



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33	21Q65A0224	Kuppi Saikumar Reddy
34	21Q65A0225	Lavoori Sakru
35	21Q65A0226	Lokam Shiva Krishna
36	21Q65A0227	Merugu Snehith Kumar
37	21Q65A0228	Mudavath Subhash
38	21Q65A0229	Mula Sri Chandana
39	21Q65A0230	Parsa Vinay


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: RENEWABLE ENERGY TECHNOLOGY

II YEAR I-SEM

A.Y 2021-2022

Date: 20-10-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	25.10.21	26.10.21	27.10.21	28.10.21	29.10.21	30.10.21
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	A	A	A	A	A	A
8	20Q61A0208	Katravath Ram Charan Naik	P	P	P	P	P	P
9	20Q61A0209	Gunti Mahesh	P	P	P	P	P	P
10	21Q65A0201	Becrla Sai Deckshitha	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	Bachala Srisaiteja	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
19	21Q65A0210	Dodle Nandu	P	P	P	P	P	P
20	21Q65A0211	Dharshanam Abhishek	P	P	P	P	P	P
21	21Q65A0212	Dumpeta Nikhil	P	P	P	P	P	P
22	21Q65A0213	Gollapelli Vignesh	P	P	P	P	P	P
23	21Q65A0214	Gudipati Bhanuprakash	P	P	P	P	P	P
24	21Q65A0215	Gundemoni Madhu	P	P	P	P	P	P
25	21Q65A0216	Gundeti Shireesha	P	P	P	P	P	P
26	21Q65A0217	Jambula Venkatesh	P	P	P	P	P	P
27	21Q65A0218	Karamthotu Vinod	A	A	A	A	A	A
28	21Q65A0219	Kothakapu Jyoshna	P	P	P	P	P	P
29	21Q65A0220	Kothi Bhanu Prakash	P	P	P	P	P	P
30	21Q65A0221	Kuchani Sai Srujan	P	P	P	P	P	P
31	21Q65A0222	Kumaram Mounika	P	P	P	P	P	P
32	21Q65A0223	Kunchala Trinath	P	P	P	P	P	P



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33	21Q65A0224	Kuppi Saikumar Reddy	P	P	P	P	P	P
34	21Q65A0225	Lavoori Sakru	P	P	P	P	P	P
35	21Q65A0226	Lokam Shiva Krishna	P	P	P	P	P	P
36	21Q65A0227	Merugu Snehith Kumar	P	P	P	P	P	P
37	21Q65A0228	Mudavath Subhash	P	P	P	P	P	P
38	21Q65A0229	Mula Sri Chandana	P	P	P	P	P	P
39	21Q65A0230	Parsa Vinay	P	P	P	P	P	P


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: **RENEWABLE ENERGY TECHNOLOGY**

II YEAR I-SEM

A.Y 2021-2022

Date: 25-10-2021 to 30-10-2021

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	0	0
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	Bachala Srisaiteja	30	100
16	21Q65A0207	Chaladi Rakesh Rohan	30	100
17	21Q65A0208	Chilveru Swetha	30	100
18	21Q65A0209	D Tharun Kumar Reddy	30	100
19	21Q65A0210	Dodle Nandu	30	100
20	21Q65A0211	Dharshanam Abhishek	30	100
21	21Q65A0212	Dumpeta Nikhil	30	100
22	21Q65A0213	Gollapelli Vignesh	30	100
23	21Q65A0214	Gudipati Bhanuprakash	30	100
24	21Q65A0215	Gundemoni Madhu	30	100
25	21Q65A0216	Gundeti Shireesha	30	100
26	21Q65A0217	Jambula Venkatesh	30	100
27	21Q65A0218	Karamthotu Vinod	0	0
28	21Q65A0219	Kothakapu Jyoshna	30	100
29	21Q65A0220	Kothi Bhanu Prakash	30	100
30	21Q65A0221	Kuchani Sai Srujan	30	100
31	21Q65A0222	Kumaram Mounika	30	100



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32	21Q65A0223	Kunchala Trinath	30	100
33	21Q65A0224	Kuppi Saikumar Reddy	30	100
34	21Q65A0225	Lavoori Sakru	30	100
35	21Q65A0226	Lokam Shiva Krishna	30	100
36	21Q65A0227	Merugu Snehith Kumar	30	100
37	21Q65A0228	Mudavath Subhash	30	100
38	21Q65A0229	Mula Sri Chandana	30	100
39	21Q65A0230	Parsa Vinay	30	100


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 05-11-2021

PROGRAM REPORT

Name of the Value Added Course: Renewable Energy Technology

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.S.Srikanth Reddy, Assistant Professor.

Name of the Coordinator: Mr.U.Ganesh, Assistant Professor.

Number of the Participants: 37

Topics covered: The following topics covered in this program

- Biological fuel generation
- Biogas from anaerobic digestion
- Hydrogen production by photosynthetic bacteria
- Solar energy
- Nuclear reactions and power generation


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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **B.BHANU PRASAD** Bearing roll number **20Q61A0201**
from the department of **EEE** completed the value added course on "**RENEWABLE
ENERGY TECHNOLOGY**" During the year **2021-22**.

Head of The Department
Head of the Department
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Principal
PRINCIPAL
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **KUNCHALA TRINATH** Bearing roll number **20Q65A0223** from the department of **EEE** completed the value added course on **"RENEWABLE ENERGY TECHNOLOGY"** During the year **2021-22.**

Head of the Department
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Avanthi Institute of Engineering & Technology,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2021-22/I/03

Date: 25-10-2021

CIRCULAR

This is to inform all the III B.Tech EEE students that the Department organizing a value added course on "Electrical Estimation and Energy Auditing". The course is scheduled to run for 06 days from 01-11-2021 to 06-11-2021. 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.Kirankumar with Innovative Systems

T-12/11
Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (M.S.),
Ranga Reddy District.

Copy to:


The principal, for kind information

IQAC

Notice board

III. B. Tech EEE students

Dept. file


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ABOUT THE COURSE

An energy audit is completed at a residential or commercial building to determine its energy efficiency. Simply put, energy efficiency means using less energy to do the same job. The audit will provide you with a complete electricity consumption and energy efficiency assessment.

COURSE OBJECTIVES

- Draw conventional symbols for various electrical installations.
- To quote the relevant IE rules for a given electrical installation, earthing and clearance of service lines.
- Estimate the quantity of materials required for domestic and industrial wiring.
- Explain the concept and types of Energy of energy audit.
- Explain the energy saving opportunities in Transformer, Induction motor, lighting and DG system.
- Explain the roll of power factor controller in energy saving system.
- Explain the roll of sensors in energy saving system.
- Explain the energy efficient technologies in electrical system.

EXPECTED OUTCOMES

- List various energy sources and compare global and national scenarios on energy consumption.
- Explain energy conservation and its importance
- Understand the basic knowledge of different terms & principles of energy conservation, audit and management.
- Identify and assess the energy conservation / saving opportunities in different electric system.
- Prepare energy audit report for different energy conservation instances.

Resource Person
Mr.L.Kiran Kumar,
Subject Expert
Innovative Systems

Co-ordinator
Mr.M.Shankar,
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:29th OCT,2021



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ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)



VALUE ADD-ON COURSE ON

**“ELECTRICAL ESTIMATION AND
ENERGY AUDITING”**

01st NOV TO 06th NOV,2021

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: ELECTRICAL ESTIMATION AND ENERGY AUDITING

VALUE ADDED COURSE SYLLABUS

B.TECH: III YEAR-I SEM

ACADEMIC YEAR: 2021-22

Course Objectives:

- Draw conventional symbols for various electrical installations.
- To quote the relevant IE rules for a given electrical installation, earthing and clearance of service lines.
- Estimate the quantity of materials required for domestic and industrial wiring.
- Explain the concept and types of Energy of energy audit.
- Explain the energy saving opportunities in Transformer, Induction motor, lighting and DG system.
- Explain the roll of power factor controller in energy saving system.
- Explain the roll of sensors in energy saving system.
- Explain the energy efficient technologies in electrical system.

Course Outcomes:

- List various energy sources and compare global and national scenarios on energy consumption.
- Explain energy conservation and its importance
- Understand the basic knowledge of different terms & principles of energy conservation, audit and management.
- Identify and assess the energy conservation / saving opportunities in different electric system.
- Prepare energy audit report for different energy conservation instances.

Unit 1: Domestic and Industrial Estimate General requirements of electrical installations for Residential, Commercial and Industrial – Lighting and power sub circuits – Diversity factor for sub circuits – Location of outlets, control switches, main board and distribution boards – Permissible voltage drops and size of wires – Steps to be followed in preparing electrical estimate. Estimate the quantity of material required in Electrical Installation for

Unit 2: Energy Management & Audit and Electrical System: Energy Management & Audit Definition, Energy audit- need, Types of energy audit, Energy management (audit) approach- Understanding energy costs, Bench marking, Energy performance.

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Unit 3: Matching energy use to requirement, Maximizing system efficiencies, optimizing the input energy requirements, Fuel and energy substitution, Energy audit Instruments. Electrical system: Electricity billing, Electrical load management and maximum demand control, Power factor improvement and its benefit, Selection and location of capacitors, Performance assessment of PF capacitors, Distribution and transformer losses.

Unit 4: Diesel Generating System: Diesel generating system Factors affecting selection, Energy performance assessment of diesel conservation avenues.

Unit 5: Energy Efficient Technologies in Electrical Systems Energy Efficient Technologies in Electrical Systems: Maximum demand controllers, Automatic power factor controllers, Energy efficient motors, Soft starters with energy saver, Variable speed drives, Energy efficient transformers, Electronic ballast, Occupancy sensors, Energy efficient lighting controls, Energy saving potential of each technology.

TEXT BOOKS:

1. Electrical Design Estimating And Costing K.B.Raina& S.K.Battacharya New age International Ltd Reprint -2011
2. Book 1 – General Aspect Of Energy Management And Energy Audit Bureau of energy efficiency, new Delhi Second-2005
3. Book 3 – Energy Efficiency In Electrical Utilities Bureau of energy efficiency, new Delhi Second-2005

REFERENCE BOOKS:

1. Electrical Design Estimating And Costing K.B.Raina& S.K.Battacharya New age International Ltd Reprint -2011
2. Book 1 – General Aspect Of Energy Management And Energy Audit Bureau of energy efficiency, new Delhi Second-2005
3. Book 3 – Energy Efficiency In Electrical Utilities Bureau of energy efficiency, new Delhi Second-2005


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: ELECTRICAL ESTIMATION AND ENERGY AUDITING

ACADEMIC YEAR: 2021-22

Date: 25-10-2021

B.TECH: III YEAR-I SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	01-11-2021	General requirements of electrical installations for Residential, Commercial and Industrial – Lighting and power sub circuits.	09:30 am to 04:00 pm	6 hour
2	02-11-2021	Energy Management & Audit Definition, Energy audit- need, Types of energy audit	09:30 am to 04:00 pm	6 hour
3	03-11-2021	Maximizing system efficiencies, optimizing the input energy requirements, Fuel and energy substitution.	09:30 am to 04:00 pm	6 hour
4	04-11-2021	Electrical load management and maximum demand control, Power factor improvement and its benefit, Selection and location of capacitors	09:30 am to 04:00 pm	6 hour
5	05-11-2021	Diesel generating system Factors affecting selection, Energy performance assessment of diesel conservation avenues.	09:30 am to 04:00 pm	6 hour
6	06-11-2021	Energy Efficient Technologies in Electrical Systems: Maximum demand controllers, Automatic power factor controllers.	09:30 am to 04:00 pm	6 hour
Total 36 hours				

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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 Estimation and Energy Auditing	BREAK	Electrical Estimation and Energy Auditing	LUNCH	Electrical Estimation and Energy Auditing	BREAK	Electrical Estimation and Energy Auditing
TUE							
WED							
THU							
FRI							
SAT							


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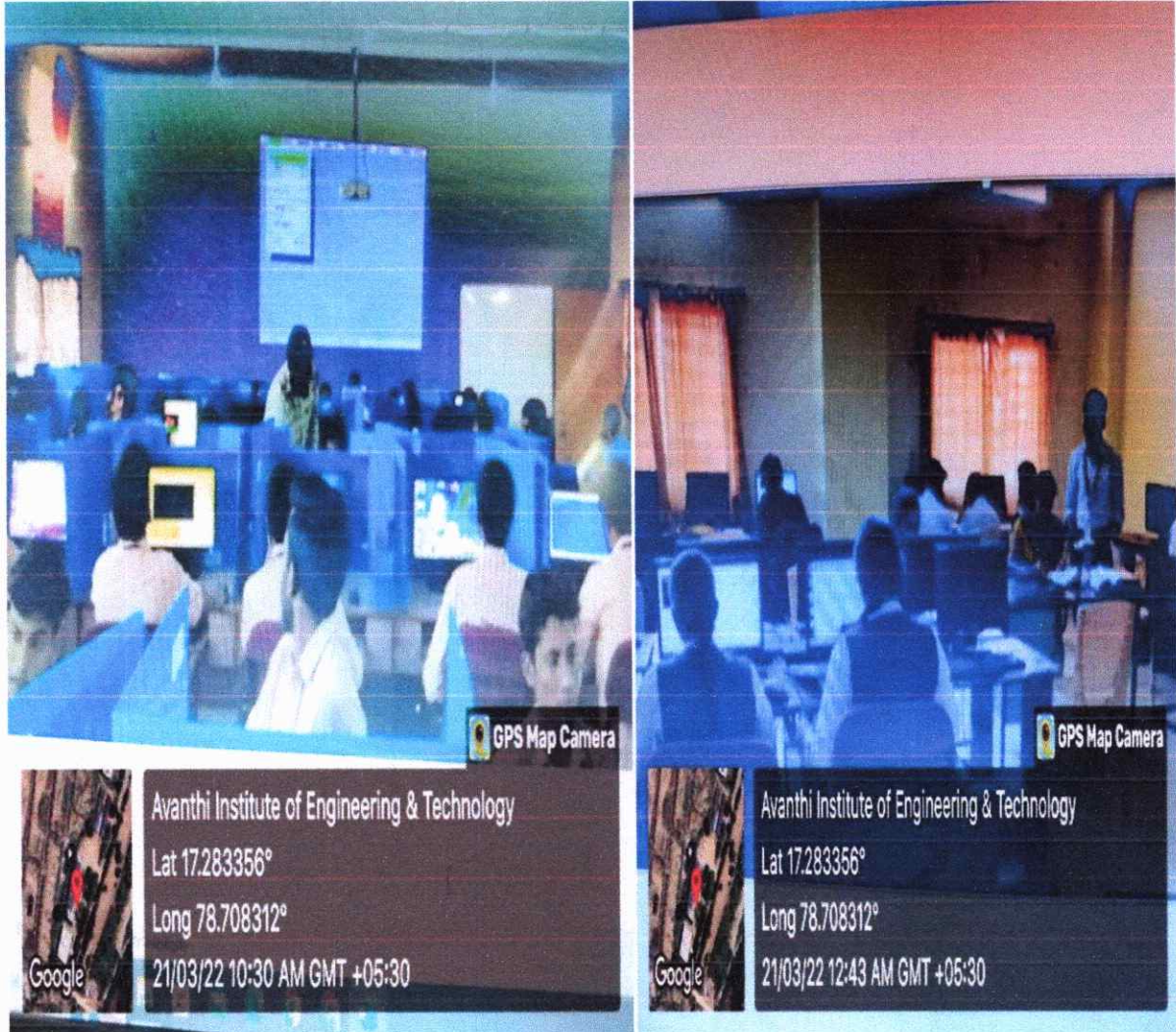
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The students of III-Year B.Tech certificate program attending "Electrical Estimation and Energy auditing" by the Resource Person "Mr.L.Kirankumar" with 'Innovative Systems'


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL ESTIMATION AND ENERGY AUDITING**

III YEAR I-SEM ENROLLED STUDENTS LIST Date: 01-11-2021 to 06-11-2021

S.No	Roll Number	Name of The Student
1	20Q65A0208	Beenamoni Ganesh
2	20Q65A0209	Ch Nvss Murali Krishna
3	20Q65A0210	Ch Prem Teja
4	20Q65A0211	Dasari Dhruvanithin
5	20Q65A0212	Dharipally Krishna Reddy
6	20Q65A0213	Gajjela Dayanand
7	20Q65A0214	Gajjela Sravani
8	20Q65A0215	Kanukuntla Eshwar
9	20Q65A0216	Karravula Shashidhar
10	20Q65A0217	Katikojula Soumya
11	20Q65A0218	Koripally Rohith Kumar
12	20Q65A0219	M Keshavulu Yadav
13	20Q65A0220	Mamidala Shiva Deepak
14	20Q65A0221	Mathangi Vineela
15	20Q65A0222	Medishetti Vamshi Krishna
16	20Q65A0223	Mohammad Abdul Rahman
17	20Q65A0224	Mohammad Soheli
18	20Q65A0225	Molugu Ajay Bhargav
19	20Q65A0226	Myaka Nandakrishna
20	20Q65A0227	Myakala Raju
21	20Q65A0228	Nakeertha Vinesh
22	20Q65A0229	Nakerakanti Bhanu Prakash
23	20Q65A0230	Nallamudi Karthikeya
24	20Q65A0231	Nunavath Vamshi Nayak
25	20Q65A0232	Padala Abhinay
26	20Q65A0233	Pagidi Shiva Kumar
27	20Q65A0234	Penjarla Ganesh
28	20Q65A0235	Ragula Ganesh

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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: ELECTRICAL ESTIMATION AND ENERGY

AUDITING

III YEAR I-SEM

A.Y 2021-2022

Date: 25-10-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	01.11.21	02.11.21	03.11.21	04.11.21	05.11.21	06.11.21
1	20Q65A0208	Beenamoni Ganesh	P	P	P	P	P	P
2	20Q65A0209	Ch Nvss Murali Krishna	P	P	P	P	P	P
3	20Q65A0210	Ch Prem Teja	P	P	P	P	P	P
4	20Q65A0211	Dasari Dhruvanithin	P	P	P	P	P	P
5	20Q65A0212	Dharipally Krishna Reddy	P	P	P	P	P	P
6	20Q65A0213	Gajjela Dayanand	A	A	A	A	A	A
7	20Q65A0214	Gajjela Sravani	P	P	P	P	P	P
8	20Q65A0215	Kanukuntla Eshwar	P	P	P	P	P	P
9	20Q65A0216	Karravula Shashidhar	P	P	P	P	P	P
10	20Q65A0217	Katikojula Soumya	P	P	P	P	P	P
11	20Q65A0218	Koripally Rohith Kumar	P	P	P	P	P	P
12	20Q65A0219	M Keshavulu Yadav	P	P	P	P	P	P
13	20Q65A0220	Mamidala Shiva Deepak	P	P	P	P	P	P
14	20Q65A0221	Mathangi Vineela	P	P	P	P	P	P
15	20Q65A0222	Medishetti Vamshi Krishna	P	P	P	P	P	P
16	20Q65A0223	Mohammad Abdul Rahman	P	P	P	P	P	P
17	20Q65A0224	Mohammad Sohel	P	P	P	P	P	P
18	20Q65A0225	Molugu Ajay Bhargav	P	P	P	P	P	P
19	20Q65A0226	Myaka Nandakrishna	P	P	P	P	P	P
20	20Q65A0227	Myakala Raju	P	P	P	P	P	P
21	20Q65A0228	Nakcertha Vincsh	P	P	P	P	P	P
22	20Q65A0229	Nakerakanti Bhanu Prakash	P	P	P	P	P	P
23	20Q65A0230	Nallamudi Karthikeya	P	P	P	P	P	P
24	20Q65A0231	Nunavath Vamshi Nayak	P	P	P	P	P	P
25	20Q65A0232	Padala Abhinay	P	P	P	P	P	P
26	20Q65A0233	Pagidi Shiva Kumar	P	P	P	P	P	P
27	20Q65A0234	Penjarla Ganesh	P	P	P	P	P	P
28	20Q65A0235	Ragula Ganesh	P	P	P	P	P	P

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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: **ELECTRICAL ESTIMATION AND ENERGY**

AUDITING

III YEAR I-SEM

A.Y 2021-2022

Date: 01-11-2021 to 06-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q65A0208	Beenamoni Ganesh	30	100
2	20Q65A0209	Ch Nvss Murali Krishna	30	100
3	20Q65A0210	Ch Prem Teja	30	100
4	20Q65A0211	Dasari Dhruvanithin	30	100
5	20Q65A0212	Dharipally Krishna Reddy	30	100
6	20Q65A0213	Gajjela Dayanand	0	0
7	20Q65A0214	Gajjela Sravani	30	100
8	20Q65A0215	Kanukuntla Eshwar	30	100
9	20Q65A0216	Karravula Shashidhar	30	100
10	20Q65A0217	Katikojula Soumya	30	100
11	20Q65A0218	Koripally Rohith Kumar	30	100
12	20Q65A0219	M Keshavulu Yadav	30	100
13	20Q65A0220	Mamidala Shiva Deepak	30	100
14	20Q65A0221	Mathangi Vineela	30	100
15	20Q65A0222	Medishetti Vamshi Krishna	30	100
16	20Q65A0223	Mohammad Abdul Rahman	30	100
17	20Q65A0224	Mohammad Sohel	30	100
18	20Q65A0225	Molugu Ajay Bhargav	30	100
19	20Q65A0226	Myaka Nandakrishna	30	100
20	20Q65A0227	Myakala Raju	30	100
21	20Q65A0228	Nakeertha Vinesh	30	100
22	20Q65A0229	Nakerakanti Bhanu Prakash	30	100
23	20Q65A0230	Nallamudi Karthikeya	30	100
24	20Q65A0231	Nunavath Vamshi Nayak	30	100
25	20Q65A0232	Padala Abhinay	30	100
26	20Q65A0233	Pagidi Shiva Kumar	30	100
27	20Q65A0234	Penjarla Ganesh	30	100
28	20Q65A0235	Ragula Ganesh	30	100

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 10-11-2021

PROGRAM REPORT

Name of the Value Added Course: Electrical Estimation and Energy Auditing

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.L.Kirankumar, Subject Expert, Innovative Systems

Name of the Coordinator: Mr.M.Shankar, Assistant Professor.

Number of the Participants: 27

Topics covered: The following topics covered in this program

- Domestic and Industrial Estimate
- Energy Management & Audit And Electrical System
- Matching energy use to requirement
- Diesel Generating System
- Energy Efficient Technologies in Electrical Systems.

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Head of the Department

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Near Ramoji Film City

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. **R.GANESH** .Bearing Reg.No **20Q65A0235** is participated in **“ELECTRICAL ESTIMATION AND ENERGY AUDITING”** course conducted at the Avanthi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **‘INNOVATIVE SYSTEMS’**. from **01/11/2021** to **06/11/2021**.

Sd/-

Authorised Signatory

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COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.GANESH** .Bearing Reg.No **20Q65A0208** is participated in **“ELECTRICAL ESTIMATION AND ENERGY AUDITING”** course conducted at the **Avanathi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy**, in Association with **‘INNOVATIVE SYSTEMS’**. from **01/11/2021** to **06/11/2021**.

Sd/-


Authorised Signatory

M/s Innovative Systems



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2021-22/II/01

Date: 14-03-2022

CIRCULAR

This is to inform all the II B.Tech EEE students that the Department organizing a value added course on "Networking and It's Software Tools" Department Advisory Committee has been identified **Dr.M.Surender Reddy, Assistant Professor, Department of EEE** as a resource person for this course. The course is scheduled to run for 06 days from 21-03-2022 to 26-03-2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


HOD

Head of the Department
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Copy to:

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Notice board

II. B. Tech EEE students

Dept. file


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ABOUT THE COURSE

Networks are becoming critical components of business success - irrespective of whether you are small or BIG. When network fails, customers and employees cannot communicate, employees cannot access critical information or use basic print or email services, resulting in productivity loss and revenue loss. Network monitoring software tools reduce network outages and allow businesses to operate more fluently, cut costs, and prevent revenue loss. And for those who are small and are not allowed to think of a budget for network monitoring software, a better alternative is to start with open source and freeware network monitoring software that reduce the time and money spent on network administration and management

COURSE OBJECTIVES

- Building an understanding of the fundamental concepts of computer networking.
- Familiarizing the student with the basic taxonomy and terminology of the computer networking area.
- Introducing the student to advanced networking concepts, preparing the student for entry Advanced courses in computer networking.
- Learning about different network protocols and network standards.

- Describing network communication principles like TCP/IP, DNS, and ports.
- Understanding different network types and topologies.
- Gaining knowledge about different types of network devices used in a network.

EXPECTED OUTCOMES

- Understanding Networking Fundamentals
- Network Design and Architecture
- Network Configuration and Management
- Network Security
- Network Monitoring and Performance Optimization
- Wireless Networking
- Cloud and Virtualization Integration
- Cybersecurity

Resource Person
Dr.M.Surender Reddy
Assistant Professor
Department of EEE

Co-ordinator
Mr.M.Sathish,
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:19th MAR,2022



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ADD-ON COURSE ON

“NETWORKING AND IT’S SOFTWARE TOOLS”

21st MAR TO 26th MAR,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: NETWORKING AND IT'S SOFTWARE TOOLS

VALUE ADDED COURSE SYALLABUS

B.TECH: II YEAR-II SEM

ACADEMIC YEAR: 2021-22

Course objectives:

- To recognize the principles of the big picture of computer networks.
- To understand the networking environment.
- To know the importance of VPNs.
- To convey the availability of tools and techniques for networking.
- To discuss about evolving technologies in networks.

COURSE OUTCOMES:

- On completion of the course, student will be able to
- Understand the principles of networks.
- Interpret LAN concepts and design.
- Gain knowledge in evolving technologies.
- Clearly outline the logic behind VPNs.
- Know the importance of tools and techniques in building a network.
- Understand the underlying working concepts of a real-time network.

MODULE 1: FUNDAMENTALS OF NETWORK Design Principles - Determining Requirements - Analyzing the Existing Network - Preparing the Preliminary Design - Completing the Final Design Development - Deploying the Network - Monitoring and Redesigning – Maintaining - Design Documentation - Modular Network Design - Hierarchical Network Design.

MODULE 2: UNDERLYING LAN CONCEPTS LAN connectivity for small businesses – Integration – Token-Ring – Ethernet – ATM LAN emulation – Inter LAN Switching – LAN to Mainframe – Building networks.

MODULE 3: VPNS, INTRANETS AND EXTRANETS Virtual Network management and planning – VPNs for small businesses – Secure remote access in VPNs – IPsec VPNs – Integrating data centers with Intranets – Implementing and supporting Extranets.

MODULE 4: NETWORKING TOOLS AND TECHNIQUES Simulation method for designing multimedia networks – Determining remote bridge and router delays – Network base lining as a planning tool.

MODULE 5: EVOLVING TECHNOLOGIES Trends in data communications – Merits of xDSL technology – Preparing for cable modems - Voice and video on the LAN – Internet voice applications – Building IP PBX telephony network – Fax over IP – Videoconferencing over IP networks.


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REFERENCE BOOKS:

1. Gil Held, "Network Design: Principles and Applications (Best Practices)", Auerbach Publications, 1st edition, 2000.
2. Diane Tiare and Catherine Paquet, "Campus Network Design Fundamentals", Pearson Education, 1st edition, 2006.
3. Larry L. Peterson, Bruce S. Davie, "Computer Networks: A Systems Approach", Morgan Kaufmann Publishers Inc., 5th edition, 2012.
4. William Stallings, "Data and Computer Communications", Pearson Education, 8th edition, 2016.
5. James F. Kurose, Keith W. Ross, "Computer Networking - A Top-Down Approach Featuring the Internet", Pearson Education, 6th edition, 2012.

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: NETWORKING AND IT'S SOFTWARE TOOLS

ACADEMIC YEAR: 2021-22

Date: 14-03-2021

B.TECH: II YEAR-II SEM

DAY WISE SCHEDULE SHEET

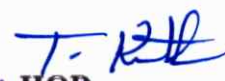
Sl. No	DAY	Topic	Timings	Duration
1	21-03-2022	Design Principles - Determining Requirements - Analyzing the Existing Network - Preparing the Preliminary	09:30 am to 04:00 pm	5 hour
2	22-03-2022	LAN connectivity for small businesses – Integration – Token.	09:30 am to 04:00 pm	5 hour
3	23-03-2022	Virtual Network management and planning – VPNs for small businesses – Secure remote access in VPNs	09:30 am to 04:00 pm	5 hour
4	24-03-2022	Simulation method for designing multimedia networks – Determining remote bridge.	09:30 am to 04:00 pm	5 hour
5	25-03-2022	Trends in data communications – Merits of xDSL technology – Preparing for cable modems - Voice	09:30 am to 04:00 pm	5 hour
6	26-03-2022	And video on the LAN – Internet voice applications – Building IP PBX telephony network – Fax over IP – Videoconferencing over IP networks.	09:30 am to 04:00 pm	5 hour
Total 30 hours				


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: II 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	Networking and It's Software Tools	BREAK	Networking and It's Software Tools	LUNCH	Networking and It's Software Tools	BREAK	Networking and It's Software Tools
TUE							
WED							
THU							
FRI							
SAT							

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The Students of II-Year B.Tech certificate program Attending "Networking and its Software Tools" by the Resource Person "Dr.M.Surender Reddy, Assistant Professor".


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: NETWORKING AND IT'S SOFTWARE TOOLS

II YEAR II-SEM ENROLLED STUDENTS LIST Date: 21-03-2022 to 26-03-2022

S.No	Roll Number	Name of The Student
1	21Q65A0231	Pebbeate Srinivas
2	21Q65A0232	Pendem Bharadwaj
3	21Q65A0233	Pocham Naveenkumar
4	21Q65A0234	Pochampally Vinay
5	21Q65A0235	Pujari Bhaskar
6	21Q65A0236	Pullolla Rajesh
7	21Q65A0237	Radaram Thanmay Kumar
8	21Q65A0238	Raghuram Nitheesh Kumar
9	21Q65A0239	Ramavath Sandhya
10	21Q65A0240	S Sunil
11	21Q65A0241	Shaik Afroz
12	21Q65A0242	Silapally Sridhar
13	21Q65A0243	Thatikonda Gnaneshwar
14	21Q65A0244	Vangala Saiprasad
15	21Q65A0245	Tummala Nagesh
16	21Q61D0701	Baswanth Halle
17	21Q61D0702	Bojja Swetha
18	21Q61D0703	Cp Vanaja
19	21Q61D0704	Dharavath Suresh
20	21Q61D0705	Dusamudi Maneesh
21	21Q61D0706	Enagandula Sai Teja
22	21Q61D0707	Gandla Sowmya
23	21Q61D0708	J Suprajoshna
24	21Q61D0709	Jillapally Ajay Kumar
25	21Q61D0710	Jogu Gowthami
26	21Q61D0711	Kotagiri Nagaraju
27	21Q61D0712	Kothapally Sushma
28	21Q61D0713	Nappari Poojarani
29	21Q61D0714	Rachuri Ramesh
30	21Q61D0715	Sheelam Sridhar
31	21Q61D0716	Tejavath Saikumar
32	21Q61D0717	Vangapelli Prashanth



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33	21Q61D0718	Boda Haripriya
34	21Q61D0719	Chikatla Sai Prasanna
35	21Q61D0720	Dayyala Lenina
36	21Q61D0721	Dongra Sai Madhav
37	21Q61D0722	Ravi Ettimalla
38	21Q61D0723	Sajjanapu Rajani

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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: NETWORKING AND IT'S SOFTWARE TOOLS

II YEAR II-SEM

A.Y 2021-2022

Date: 14-03-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	21.03.22	22.03.22	23.03.22	24.03.22	25.03.22	26.03.22
1	21Q65A0231	Pebbeate Srinivas	P	P	P	P	P	P
2	21Q65A0232	Pendem Bharadwaj	P	P	P	P	P	P
3	21Q65A0233	Pocham Naveenkumar	P	P	P	P	P	P
4	21Q65A0234	Pochampally Vinay	P	P	P	P	P	P
5	21Q65A0235	Pujari Bhaskar	P	P	P	P	P	P
6	21Q65A0236	Pullolla Rajesh	P	P	P	P	P	P
7	21Q65A0237	Radaram Thanmay Kumar	P	P	P	P	P	P
8	21Q65A0238	Raghuram Nitheesh Kumar	A	A	A	A	A	A
9	21Q65A0239	Ramavath Sandhya	P	P	P	P	P	P
10	21Q65A0240	S Sunil	P	P	P	P	P	P
11	21Q65A0241	Shaik Afroz	P	P	P	P	P	P
12	21Q65A0242	Silapally Sridhar	P	P	P	P	P	P
13	21Q65A0243	Thatikonda Gnaneshwar	P	P	P	P	P	P
14	21Q65A0244	Vangala Saiprasad	P	P	P	P	P	P
15	21Q65A0245	Tummala Nagesh	P	P	P	P	P	P
16	21Q61D0701	Baswanth Halle	P	P	P	P	P	P
17	21Q61D0702	Bojja Swetha	P	P	P	P	P	P
18	21Q61D0703	Cp Vanaja	P	P	P	P	P	P
19	21Q61D0704	Dharavath Suresh	P	P	P	P	P	P
20	21Q61D0705	Dusamudi Maneesh	P	P	P	P	P	P
21	21Q61D0706	Enagandula Sai Teja	A	A	A	A	A	A
22	21Q61D0707	Gandla Sowmya	P	P	P	P	P	P
23	21Q61D0708	J Suprajoshna	P	P	P	P	P	P
24	21Q61D0709	Jillapally Ajay Kumar	P	P	P	P	P	P
25	21Q61D0710	Jogu Gowthami	P	P	P	P	P	P
26	21Q61D0711	Kotagiri Nagaraju	P	A	P	P	P	P
27	21Q61D0712	Kothapally Sushma	P	P	P	P	P	P
28	21Q61D0713	Nappari Poojarani	P	P	P	P	P	P
29	21Q61D0714	Rachuri Ramesh	P	P	P	P	P	P
30	21Q61D0715	Sheelam Sridhar	P	P	P	P	P	P
31	21Q61D0716	Tejavath Saikumar	P	P	P	P	P	P
32	21Q61D0717	Vangapelli Prashanth	P	P	P	P	P	P



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33	21Q61D0718	Boda Haripriya	P	P	P	P	P	P
34	21Q61D0719	Chikatla Sai Prasanna	P	P	P	P	P	P
35	21Q61D0720	Dayyala Lenina	P	P	P	P	P	P
36	21Q61D0721	Dongra Sai Madhav	P	P	P	A	P	P
37	21Q61D0722	Ravi Ettimalla	P	P	P	P	P	P
38	21Q61D0723	Sajjanapu Rajani	P	P	P	P	P	P

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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING

VALUE ADDED COURSE NAME: NETWORKING AND IT'S SOFTWARE TOOLS

II YEAR II-SEM

A.Y 2021-2022

Date: 21-03-2022 to 26-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q65A0231	Pebbeate Srinivas	36	100
2	21Q65A0232	Pendem Bharadwaj	36	100
3	21Q65A0233	Pocham Naveenkumar	36	100
4	21Q65A0234	Pochampally Vinay	36	100
5	21Q65A0235	Pujari Bhaskar	36	100
6	21Q65A0236	Pullolla Rajesh	36	100
7	21Q65A0237	Radaram Thanmay Kumar	36	100
8	21Q65A0238	Raghuram Nitheesh Kumar	0	0
9	21Q65A0239	Ramavath Sandhya	36	100
10	21Q65A0240	S Sunil	36	100
11	21Q65A0241	Shaik Afroz	36	100
12	21Q65A0242	Silapally Sridhar	36	100
13	21Q65A0243	Thatikonda Gnaneshwar	36	100
14	21Q65A0244	Vangala Saiprasad	36	100
15	21Q65A0245	Tummala Nagesh	36	100
16	21Q61D0701	Baswanth Halle	36	100
17	21Q61D0702	Bojja Swetha	36	100
18	21Q61D0703	Cp Vanaja	36	100
19	21Q61D0704	Dharavath Suresh	36	100
20	21Q61D0705	Dusamudi Maneesh	36	100
21	21Q61D0706	Enagandula Sai Teja	0	0
22	21Q61D0707	Gandla Sowmya	36	100
23	21Q61D0708	J Suprajoshna	36	100
24	21Q61D0709	Jillapally Ajay Kumar	36	100
25	21Q61D0710	Jogu Gowthami	36	100
26	21Q61D0711	Kotagiri Nagaraju	30	83.3
27	21Q61D0712	Kothapally Sushma	36	100
28	21Q61D0713	Nappari Poojarani	36	100
29	21Q61D0714	Rachuri Ramesh	36	100
30	21Q61D0715	Sheelam Sridhar	36	100
31	21Q61D0716	Tejavath Saikumar	36	100



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32	21Q61D0717	Vangapelli Prashanth	36	100
33	21Q61D0718	Boda Haripriya	36	100
34	21Q61D0719	Chikatla Sai Prasanna	36	100
35	21Q61D0720	Dayyala Lenina	36	100
36	21Q61D0721	Dongra Sai Madhav	30	83.3
37	21Q61D0722	Ravi Ettimalla	36	100
38	21Q61D0723	Sajjanapu Rajani	36	100

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Head of the Department

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 31-03-2022

PROGRAM REPORT

Name of the Value Added Course: Networking and its Software Tools

Day/Duration: 30 Hours

Time: 10:00 am to 04:00 pm

Resource Person: Dr.M.Surender Reddy, Assistant Professor.

Name of the Coordinator: Mr.M.Sathish Kumar, Assistant Professor.

Number of the Participants: 36

Topics covered: The following topics covered in this program

- Fundamentals Of Network
- Underlying LAN Concepts
- VPNs, Intranets And Extranets
- Networking Tools And Techniques
- Evolving Technologies.

Sathish
CO ORDINATOR

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T. Keth
HOD

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Principal
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **P.SRINIVAS** Bearing roll number **21Q65A0231** from the department of **EEE** completed the value added course on "**NETWORKING AND ITS SOFTWARE TOOLS**" During the year **2021-22**.

Head of The Department
Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (M), R.R. Dist.

Ranga Reddy Dist -

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Co-Ordinator
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Principal
PRINCIPAL
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **V.PRASHANTH** Bearing roll number **21Q61D0717** from the department of **EEE** completed the value added course on "**NETWORKING AND ITS SOFTWARE TOOLS**" During the year **2021-22**.

Head of The Department
Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (M),
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Co-Ordinator

Principal
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVIH/EEE/AOC/CIR/2021-22/II/02

Date: 22-03-2022

CIRCULAR

This is to inform all the III B.Tech EEE students that the Department organizing a value added course on "**Making & Maintenance of Electrical Appliances**" The course is scheduled to run for 06 days from 28-03-2022 to 02-04-2022. 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.Gopi, Assistant Professor, Department of EEE with Brilliant Institute of Engineering & Technology


HOD

Head of the Department
Electrical & Electronics Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met
Rangareddy District.

Copy to:

The principal, for kind information
IQAC
Notice board
III. B. Tech & II M.Tech EEE students
Dept. file


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ABOUT THE COURSE

Test the electrical appliances to make sure they are working correctly. Make sure the power plugs and the cables are in good condition. Check the lighting fixtures for any signs of damage and the wiring connections. Clean the outlets and the light switches to remove the dust and dirt.

COURSE OBJECTIVES

To understand the key elements of electrical and electronics appliances.

- To understand the domestic wiring and layout.
- To understand the Basic safety practices.
- To understand the various principles of domestic equipment's.
- To predict the goodness or age estimation of domestic equipment's.
- To perform layman checks and rectify minor defects.
- To troubleshoot the defects of the most common household equipment's.
- To understand the techniques involved in advanced repairing of household equipment's.

EXPECTED OUTCOMES

Suggest & do remedial measures in the domestic equipment.

- Do technical checks with relevant tools and solve the problems.
- Understand the techniques involved in advanced repairing of household equipment's
- Repair and maintenance of the basic electrical and electronics appliances.
- Identification to protective devices.
- Repair and maintenance of the LED Bulbs, Fan, Iron, TV, Cooler and many more.
- Able to do domestic wiring and maintenance.
- Assemble inverter, LED Bulbs, Fans, TV etc.



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

“MAKING AND MAINTENANCE OF ELECTRICAL APPLIANCES”

28th MAR TO 02nd APR, 2022

Duration of the course: 36 HRS

**ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**

PRINCIPAL
Avanthi Institute of Engg. & Tech
Muthihally (V), Abdullapurmet (Md), R.R. Dist

Resource Person
Mr.M.Gopi,
Subject Expert
Department of EEE
Brilliant Eng College

Co-ordinator
Mr.K.Chandrashekar
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION: 26th MAR, 2022





AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE NAME: MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES

VALUE ADDED COURSE SYLLABUS

B.TECH: III YEAR-II SEM

ACADEMIC YEAR: 2021-22

Course objectives:

- To understand the key elements of electrical and electronics appliances.
- To understand the domestic wiring and layout.
- To understand the Basic safety practices.
- To understand the various principles of domestic equipment's.
- To predict the goodness or age estimation of domestic equipment's.
- To perform layman checks and rectify minor defects.
- To troubleshoot the defects of the most common household equipment's.
- To understand the techniques involved in advanced repairing of household equipment's.

COURSE OUTCOMES:

- Suggest & do remedial measures in the domestic equipment.
- Do technical checks with relevant tools and solve the problems.
- Understand the techniques involved in advanced repairing of household equipment's
- Repair and maintenance of the basic electrical and electronics appliances.
- Identification to protective devices.
- Repair and maintenance of the LED Bulbs, Fan, Iron, TV, Cooler and many more.
- Able to do domestic wiring and maintenance.
- Assemble inverter, LED Bulbs, Fans, TV etc.

MODULE 1: Basic safety practices: Safety Practices; Fires in electrical Circuits & Precautions, Fire Extinguishers & its types, General Safety of Tools & equipment, Rescue of person who is in contact with live wire, Treat a person for electric shock/ injury, Protective clothing: leather or asbestos gloves, flame proof aprons, flame proof overalls buttoned to neck, cuffless (without folds), trousers, reinforced footwear, helmets/hard hats, cap and shoulder covers, ear defenders/plugs, safety boots.

MODULE 2: General idea on Various Electrical Measuring Instruments/ Components: Types, Multimeter (Digital/ Analog), Energy meter (Digital/analog), Insulation Tester (Mugger), Earth tester. Ammeter, voltmeter, Different types of switches, fuse, thermostat, heating elements, registers, conductors, insulators, capacitors, wires and cables (for up to 15 amp) symbol of various components.

MODULE 3: Demonstration of Heating and Magnetic Appliances Demonstration of Heating Appliances and their applications. (Heating Appliances –type, Working Principle,

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Uses.) Demonstration of Magnetic Appliances and their applications (Magnetic Appliances-Type, working principle, uses.).

MODULE 4: Maintenance and Repair of heating and motorized appliances:

Identification, working and specification of each part. Repairing for some common problems, replacement of coil, insulators, and thermostat etc. for the following: (a) Repair & maintenance of room heater. (b) Repair & maintenance of electric iron. (c) Repair & maintenance of electric stove (Induction), electric kettle. (d) Repair & maintenance of ceiling and table fan. (e) Repair & maintenance of domestic pump motor. (f) Repair & maintenance of water cooler (g) Repair & maintenance of washing machine.

MODULE 5: Assemble of Some Appliances: Assemble different type of inverters circuit & its measurements. Assemble battery charger circuit used in inverter with protection circuit. Assemble Online/Offline UPS & its measurements. Test, faultfinding & repair of given power supply. (DC to AC converter, Types of inverter, its different blocks & oscillators circuits Battery chargers & its protection circuit. UPS working principles of- line & On line UPS circuit used in UPS.

TEXT BOOKS:

1. The Hindu Speaks on Scientific Facts – General Volume, The Hindu Publication, 2006, Chennai Yen, Yetharku, Yeppadi (Tamil) – Sujatha, Vikadan Pirasuram, 2005, Chennai
2. Complete Guide to Home Appliance Repair – Evan Powel, Better Homes and Garden Books Pubn, (Amazon online purchase) 2019

REFERENCE BOOKS:

1. Electronic circuits: Handbook of design and applications, U. Tietze, Ch. Schenk, 2008, Springer
2. Hand Book on Home Appliances – L.Palaniappan, S.P. Publications, Chidambaram, TN. 1st Edition, 2019. ISBN No. 978-93-5351-441-9
3. Troubleshooting and Repairing Major Appliances – Eric Keinert, McGraw- Hill Professional Publishers 2014, New Delhi.
4. Handbook Of Repair And Maintenance Of Domestic Electronics Appliances by Shashi Bhushan Sinha , January 2016.



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Range Reddy Dist, Hyderabad


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HOD

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING VALUE ADDED COURSE NAME: MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES

ACADEMIC YEAR: 2021-22

Date: 22-03-2022

B.TECH: III YEAR-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	28-03-2022	Fires in electrical Circuits & Precautions, Fire Extinguishers & its types, General Safety of Tools & equipment.	09:30 am to 04:00 pm	6 hour
2	29-03-2022	Types, Multimeter (Digital/ Analog), Energy meter (Digital/analog), Insulation Tester	09:30 am to 04:00 pm	6 hour
3	30-03-2022	Demonstration of Heating Appliances and their applications. (Heating Appliances –type)	09:30 am to 04:00 pm	6 hour
4	31-03-2022	Identification, working and specification of each part. Repairing for some common problems, replacement of coil, insulators, and thermostat etc	09:30 am to 04:00 pm	6 hour
5	01-04-2022	Assemble different type of inverters circuit & its measurements. Assemble battery charger circuit used in inverter with protection circuit.	09:30 am to 04:00 pm	6 hour
6	02-04-2022	Assemble Online/Offline UPS & its measurements. Test, faultfinding & repair of given power supply. (DC to AC converter	09:30 am to 04:00 pm	6 hour
Total 36 hours				


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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	Making & Maintenance of Electrical Appliances	BREAK	Making & Maintenance of Electrical Appliances	LUNCH	Making & Maintenance of Electrical Appliances	BREAK	Making & Maintenance of Electrical Appliances
TUE							
WED							
THU							
FRI							
SAT							


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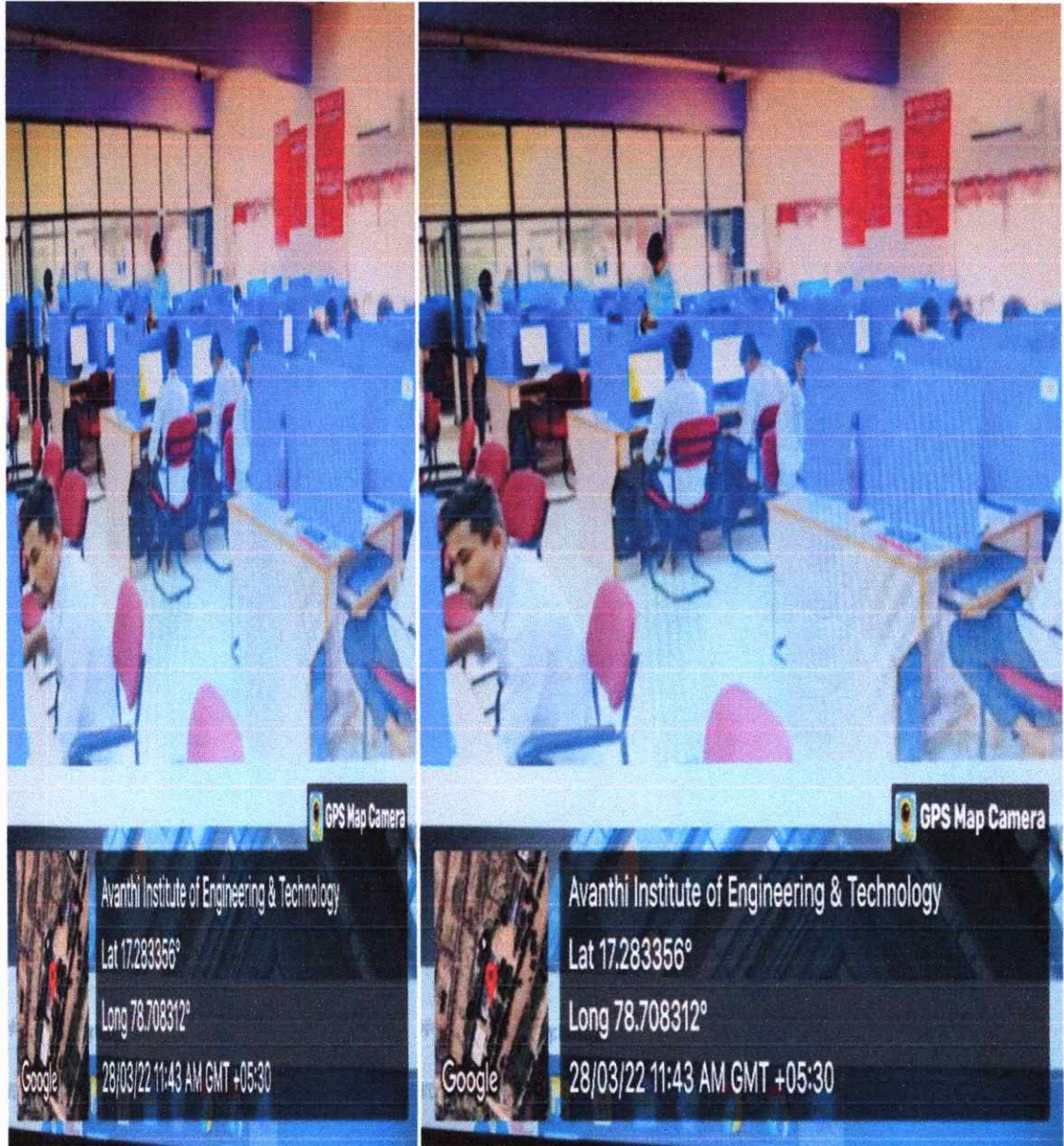
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The students of III-Year B.Tech certificate program attending "Making & Maintenance of Electrical Appliances" by the Resource Person "Mr.M.Gopi, Assistant Professor".


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DEPARTMENT OF ELECTRICAL AND ELECTRONICSENGINEERING


VALUE ADDED COURSE NAME: **MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES**

III YEAR II-SEM ENROLLED STUDENTS LIST Date: 28-03-2022 to 02-04-2022

S.No	Roll Number	Name of The Student
1	20Q65A0236	Rayudu Jagadeesh Sai
2	20Q65A0237	Sandineni Harish
3	20Q65A0238	Shaga Raju
4	20Q65A0239	Sura Manikanta
5	20Q65A0240	Vinukonda Laxman Kumar
6	20Q65A0241	Yousuf Khan
7	20Q61D0701	Bandarapu Achyuth
8	20Q61D0702	Boddu Ramya
9	20Q61D0703	Bommakanti Mounika
10	20Q61D0704	Chennoju Bhavani
11	20Q61D0705	G Anil Kumar
12	20Q61D0706	Gade Prashanth
13	20Q61D0707	Kuthati Venkatesh
14	20Q61D0708	Madana Harishbabu
15	20Q61D0709	Mekala Narender
16	20Q61D0710	Polampally Pranitha
17	20Q61D0711	Ramavath Narendar
18	20Q61D0712	Sayyad Ismail
19	20Q61D0713	Sk Nizamuddin
20	20Q61D0714	Somagani Pallavi
21	20Q61D0715	Srirama Priyachandana
22	20Q61D0716	Tammanaboina Nikitha
23	20Q61D0717	Pasula Harsha Kishore
24	20Q61D0718	Pochimireddy Suresh
25	20Q61D0719	Shaik Muzaffar
26	20Q61D0720	Periketi Priyanka
27	20Q61D0721	Neelakantam Sai Pavan Kumar


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VALUE ADDED COURSE NAME: MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES

III YEAR II-SEM

A.Y 2021-2022

Date: 22-03-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	28.03.22	29.03.22	30.03.22	31.03.22	01.04.22	02.04.22
1	20Q65A0236	Rayudu Jagadeesh Sai	P	P	P	P	P	P
2	20Q65A0237	Sandineni Harish	P	P	P	P	P	P
3	20Q65A0238	Shaga Raju	P	P	P	P	P	P
4	20Q65A0239	Sura Manikanta	A	A	A	A	A	A
5	20Q65A0240	Vinukonda Laxman Kumar	P	P	P	P	P	P
6	20Q65A0241	Yousuf Khan	P	P	P	P	P	P
7	20Q61D0701	Bandarapu Achyuth	P	P	P	P	P	P
8	20Q61D0702	Boddu Ramya	P	P	P	P	P	P
9	20Q61D0703	Bommakanti Mounika	P	P	P	P	P	P
10	20Q61D0704	Chennoju Bhavani	P	P	P	P	P	P
11	20Q61D0705	G Anil Kumar	P	P	P	P	P	P
12	20Q61D0706	Gade Prashanth	P	P	P	P	P	P
13	20Q61D0707	Kuthati Venkatesh	P	P	P	P	P	P
14	20Q61D0708	Madana Harishbabu	P	P	P	P	P	P
15	20Q61D0709	Mekala Narender	A	A	A	A	A	A
16	20Q61D0710	Polampally Pranitha	P	P	P	P	P	P
17	20Q61D0711	Ramavath Narendar	P	P	P	P	P	P
18	20Q61D0712	Sayyad Ismail	P	P	P	P	P	P
19	20Q61D0713	Sk Nizamuddin	P	P	P	P	P	P
20	20Q61D0714	Somagani Pallavi	P	P	P	P	P	P
21	20Q61D0715	Srirama Priyachandana	P	P	P	P	P	P
22	20Q61D0716	Tammanaboina Nikitha	P	P	P	P	P	P
23	20Q61D0717	Pasula Harsha Kishore	P	P	P	P	P	P
24	20Q61D0718	Pochimireddy Suresh	P	P	P	P	P	P
25	20Q61D0719	Shaik Muzaffar	P	P	P	P	P	P
26	20Q61D0720	Periketi Priyanka	P	P	P	P	P	P
27	20Q61D0721	Neelakantam Sai Pavan Kumar	P	P	P	P	P	P


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VALUE ADDED COURSE NAME: **MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES**

III YEAR II-SEM

A.Y 2021-2022


Date: 28-03-2022 to 02-04-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q65A0236	Rayudu Jagadeesh Sai	36	100
2	20Q65A0237	Sandineni Harish	36	100
3	20Q65A0238	Shaga Raju	36	100
4	20Q65A0239	Sura Manikanta	0	0
5	20Q65A0240	Vinukonda Laxman Kumar	36	100
6	20Q65A0241	Yousuf Khan	36	100
7	20Q61D0701	Bandarapu Achyuth	36	100
8	20Q61D0702	Boddu Ramya	36	100
9	20Q61D0703	Bommakanti Mounika	36	100
10	20Q61D0704	Chennoju Bhavani	36	100
11	20Q61D0705	G Anil Kumar	36	100
12	20Q61D0706	Gade Prashanth	36	100
13	20Q61D0707	Kuthati Venkatesh	36	100
14	20Q61D0708	Madana Harishbabu	36	100
15	20Q61D0709	Mekala Narender	0	0
16	20Q61D0710	Polampally Pranitha	36	100
17	20Q61D0711	Ramavath Narendar	36	100
18	20Q61D0712	Sayyad Ismail	36	100
19	20Q61D0713	Sk Nizamuddin	36	100
20	20Q61D0714	Somagani Pallavi	36	100
21	20Q61D0715	Srirama Priyachandana	36	100
22	20Q61D0716	Tammanaboina Nikitha	36	100
23	20Q61D0717	Pasula Harsha Kishore	36	100
24	20Q61D0718	Pochimireddy Suresh	36	100
25	20Q61D0719	Shaik Muzaffar	36	100
26	20Q61D0720	Periketi Priyanka	36	100
27	20Q61D0721	Neelakantam Sai Pavan Kumar	36	100


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 08-04-2022

PROGRAM REPORT

Name of the Value Added Course: Making & Maintenance of Electrical Appliances

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.M.Gopi, Subject Expert, Brilliant College

Name of the Coordinator: Mr.K.Chandrashekar, Assistant Professor.

Number of the Participants: 25

Topics covered: The following topics covered in this program

- Basic safety practices: Safety Practices
- General idea on Various Electrical Measuring Instruments/ Components
- Demonstration of Heating and Magnetic Appliances
- Maintenance and Repair of heating and motorized appliances
- Assemble of Some Appliances.


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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **S.PALLAVI** Bearing roll number **20Q61D0714** from the department of **EEE** completed the value added course on "**MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES**" During the year **2021-22**.

Head of The Department

Head of the Department
Electrical & Electronics Engineering
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Department of Electrical and Electronics Engineering

CERTIFICATE

OF APPRECIATION

This is to certify that Ms./Mr **S.RAJU** Bearing roll number **20Q65A0238** from the department of **EEE** completed the value added course on "**MAKING & MAINTENANCE OF ELECTRICAL APPLIANCES**" During the year **2021-22**.

Head of The Department

Head of the Department

Electrical & Electronics Engineering

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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2021-22/SEM/I/01

Date: 13-09-2021

CIRCULAR

This is to inform all the III B.Tech MECH students that the Department organizing a value added course on "Advance materials and process" Department Advisory Committee has been identified **Dr.Y Ramesh Babu, Assistant Professor, Dept of MECH** as a resource person for this course. The course is scheduled to run for 06 days from 20-09-2021 to 25-09-2021. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


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III B. Tech Mech students

Dept. file


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ABOUT THE COURSE

This materials processing module is designed to offer a generic and broad view of the way humans change materials. The module differs from a traditional "unit" shop approach in a specific material as various materials use similar processing techniques. For example, separating (cutting) is a generic concept. Ceramic, polymer, wood, metal, and composite materials are all separated, often by similar techniques, such as sawing. This module focuses on materials one of the seven resource inputs in the systems model. Reference to the systems model will be made within the context of this content area.

COURSE OBJECTIVES

- Understand current structural lightweighting trends and associated challenges
- Gain essential knowledge for critically evaluating emerging dissimilar materials joining techniques for their own applications
- Apply basic joint design principles for improved manufacturability and joint performance
- Implement effective joint performance evaluation techniques for supporting design and manufacture of multi-materials structures

EXPECTED OUTCOMES

- Critically analyse fundamental elements of a range of complex processing techniques needed to independently create advanced materials.
- Demonstrate expert autonomous judgement on the most appropriate manufacturing processes and materials for given products.
- Critically evaluate the complex considerations involved in sustainable materials design.
- Demonstrate advanced knowledge of the advantages and limitations of different manufacturing methods.
- Develop specialised skills in advanced experimental techniques and expert knowledge in materials science.

Resource Person

Dr.Y.Ramesh Babu

Assistant Professor

Department of MECH

Co-ordinator

Mr.T.Chandra Shekar,

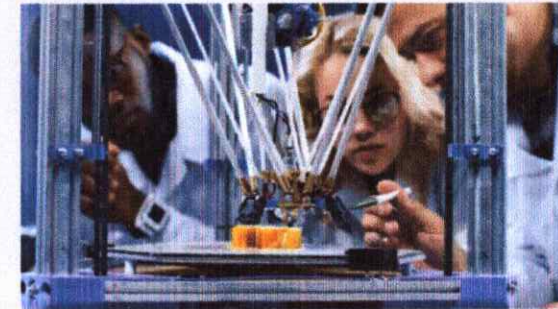
Assistant Professor

Department of MECH



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VALUE ADD-ON COURSE ON "ADVANCE MATERIALS AND PROCESS"

20th SEP TO 25th SEP,2021

Duration of the course:36 HRS

ORGANIZED BY:
DEPARTMENT OF MECHANICAL ENGINEERING



LAST DATE FOR REGISTRATION:16th SEP,2021



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCE MATERIALS AND PROCESS

VALUE ADDED COURSE SYLLABUS

B.TECH III YERA-I SEM

ACADEMIC YEAR: 2021-22

Course objectives:

- Use the fundamental science and engineering principles relevant to materials that include the relationships between nano/microstructure, characterization, properties, processing, performance and design of materials.
- Use their knowledge of the significance of research, the value of continued learning and environmental/social issues surrounding materials.
- Use the technical and communication skills developed in the program as a foundation for careers in engineering, research and development, the pursuit of advanced education and other professional careers.
- Use lifelong learning skills to develop knowledge and skills, to pursue new areas of expertise and careers, and to take advantage of professional development opportunities.
- Become leaders in their fields who will contribute to bettering society

Course outcomes:

Upon successful completion, students will have the knowledge and skills to:

- Critically analyze fundamental elements of a range of complex processing techniques needed to independently create advanced materials.
- Demonstrate expert autonomous judgment on the most appropriate manufacturing processes and materials for given products.
- Critically evaluate the complex considerations involved in sustainable materials design.
- Demonstrate advanced knowledge of the advantages and limitations of different manufacturing methods.
- Develop specialized skills in advanced experimental techniques and expert knowledge in materials science.

UNIT-I: Composite Materials: Types of metal matrices and reinforcements and their properties, bonding mechanisms, structure-property relationships, performs, design of composites. Physical and Mechanical properties. Characterization of microstructures and macrostructures. Fabrication techniques – metal infiltration, pressure and vacuum casting methods. Case studies.

UNIT-II.: Aerospace Alloys: High strength Aluminum and Magnesium alloys, Nickel and Cobalt based Super alloys, Titanium alloys, their structures, structure-property relationships, heat treatment. Directional solidification and single crystal turbine blades. Case studies.



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UNIT-III: Smart Materials: Concept of shape memory, crystal structure, phase transformation mechanism and characteristics, properties, classification, applications.

Nanomaterials: properties, classification, characterization, materials behavior, fabrication and applications.

TEXT BOOKS:

- Clyne T. W. and Withers P. J. – ‘An Introduction to Metal Matrix Composites’ – Cambridge University Press – 2003
- Duerig T. W, Melton K. N., Stöckel D. and Wayman C. M. – ‘Engineering Aspects of Shape Memory Alloys’ – Butterworth Heinemann – 1990

REFERENCE BOOKS:

- ‘Handbook of Nanostructured Materials and Nanotechnology’ – Academic Press – 2000
- Wang Z. I., Liu Y. and Zhang Z. – ‘Handbook of Nanophase and Nanostructured Materials: Vol 1. Synthesis’ – Kluwer Academic/Plenum Publishers – 2002
- Sinha A. K. – ‘Physical Metallurgy Handbook’ – McGraw Hill – 2002


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCE MATERIALS AND PROCESS

ACADEMIC YEAR 2021-22

Date: 13-09-2021

B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
20-09-2021	Types of metal matrices and reinforcements and their properties, bonding mechanisms, structure-property relationships.	09:30 am to 04:00 pm	6 hours
21-09-2021	Physical and Mechanical properties. Characterization of microstructures and macrostructures.	09:30 am to 04:00 pm	6 hours
22-09-2021	High strength Aluminum and Magnesium alloys, Nickel and Cobalt based Super alloys, Titanium alloys, their structures, structure-property relationships	09:30 am to 04:00 pm	6 hours
23-09-2021	heat treatment. Directional solidification and single crystal turbine blades. Case studies.	09:30 am to 04:00 pm	6 hours
24-09-2021	Concept of shape memory, crystal structure, phase transformation mechanism and characteristics, properties, classification, applications	09:30 am to 04:00 pm	6 hours
25-09-2021	Properties, classification, characterization, materials behavior, fabrication and applications.	09:30 am to 04:00 pm	6 hours
Total – 36 hours			


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Head of the Department
Mechanical Engineering

Avanathi Institute of Engineering & Techno
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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	Advance materials and process	BREAK	Advance materials and process	LUNCH	Advance materials and process	BREAK	Advance materials and process
TUE							
WED							
THU							
FRI							
SAT							


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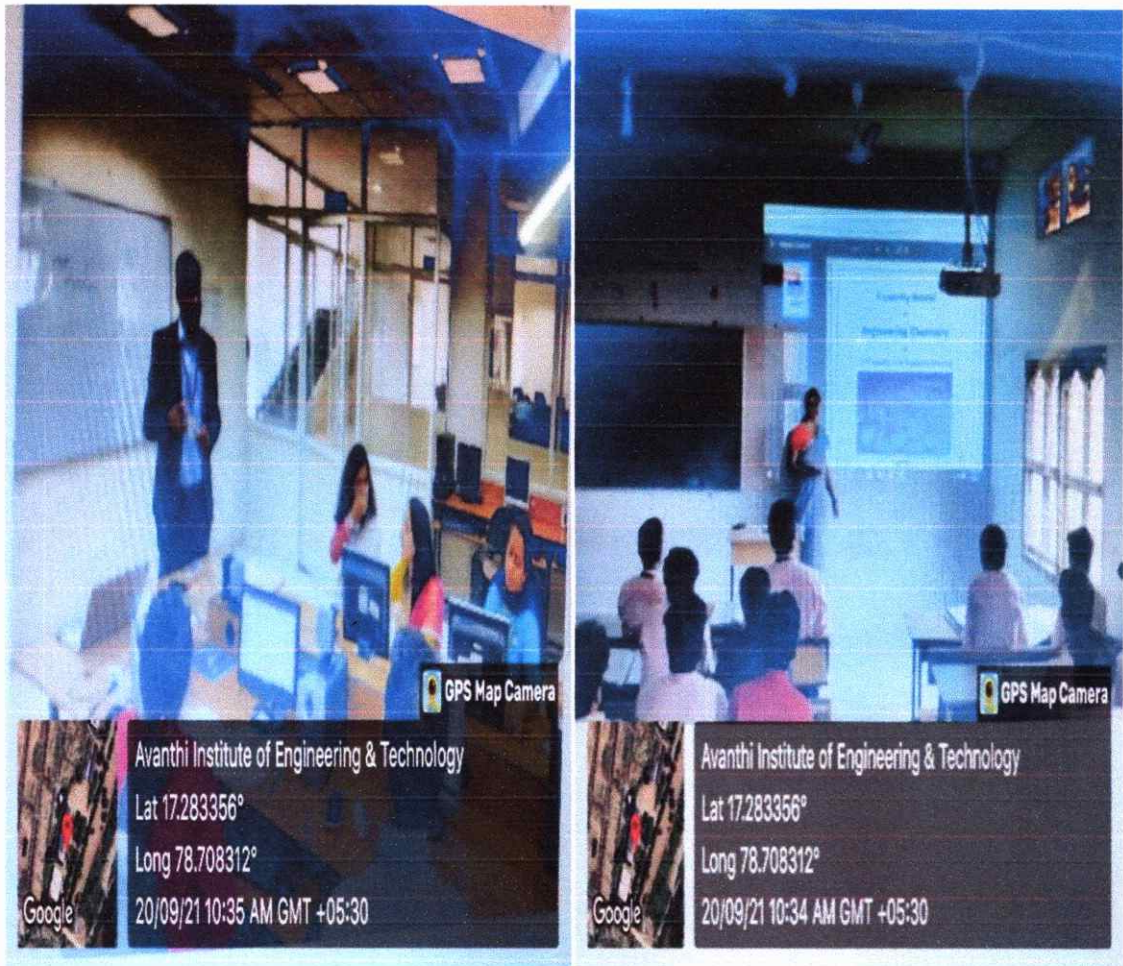
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The Students of III-Year B.Tech certificate program Attending "Advance materials and process" by the Resource Person "Dr.Y Ramesh Babu, Assistant Professor".

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCE MATERIALS AND PROCESS

III YEAR I-SEM ENROLLED STUDENTS LIST Date: 20-09-2021 to 25-09-2021

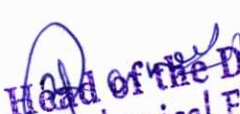
S.No	Roll Number	Name of The Student
1	19Q61A0301	Gurthula Rakesh
2	19Q61A0302	Kornu Venkatesh
3	19Q61A0303	Kothur Tharun
4	19Q61A0304	Kusa Anil Kumar
5	19Q61A0305	Lavudya Rambabu
6	19Q61A0306	Munjam Saikiran
7	19Q61A0307	Pilli Venkat
8	19Q61A0308	Jinna Srinivas
9	19Q61A0309	Parne Bheemarjun
10	19Q61A0310	T Sarvesh Singh
11	19Q61A0311	D Shreya
12	19Q61A0312	Abhishek Jain
13	19Q61A0313	Shreya Kamdar
14	19Q61A0314	A Nandu Goud
15	19Q61A0315	P Akshay
16	19Q61A0316	K Unnathi
17	19Q61A0317	T Charan Das
18	19Q61A0318	M Bhanu Kalyan
19	19Q61A0319	D Vaishnavi
20	19Q61A0320	S.N.Ajin


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCE MATERIALS AND PROCESS

III YEAR I-SEM

A.Y 2021-2022

Date: 13-09-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	20.09.21	21.09.21	22.09.21	23.09.21	24.09.21	25.09.21
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 Bheemarjun	P	P	P	P	P	P
10	19Q61A0310	T Sarvesh Singh	P	P	P	P	P	P
11	19Q61A0311	D Shreya	P	P	P	P	P	P
12	19Q61A0312	Abhishek Jain	P	P	P	P	P	P
13	19Q61A0313	Shreya Kamdar	P	P	P	P	P	P
14	19Q61A0314	A Nandu Goud	P	P	P	P	P	P
15	19Q61A0315	P Akshay	P	P	P	P	P	P
16	19Q61A0316	K Unnathi	P	P	P	P	P	P
17	19Q61A0317	T Charan Das	P	P	P	P	P	P
18	19Q61A0318	M Bhanu Kalyan	P	P	P	P	P	P
19	19Q61A0319	D Vaishnavi	P	P	P	P	P	P
20	19Q61A0320	S.N.Ajin	P	P	P	P	P	P


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCE MATERIALS AND PROCESS

III YEAR I-SEM

A.Y 2021-2022

Date: 20-09-2021 to 25-09-2021

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 Bheemarjun	36	100
10	19Q61A0310	T Sarvesh Singh	36	100
11	19Q61A0311	D Shreya	36	100
12	19Q61A0312	Abhishek Jain	36	100
13	19Q61A0313	Shreya Kamdar	36	100
14	19Q61A0314	A Nandu Goud	36	100
15	19Q61A0315	P Akshay	36	100
16	19Q61A0316	K Unnathi	36	100
17	19Q61A0317	T Charan Das	36	100
18	19Q61A0318	M Bhanu Kalyan	36	100
19	19Q61A0319	D Vaishnavi	36	100
20	19Q61A0320	S.N.Ajin	36	100


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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 01-10-2021

PROGRAM REPORT

Name of the Value Added Course: Advance materials and process

Day/Duration: 6 Days (36 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr.Y Ramesh Babu, Assistant Professor.

Name of the Coordinator: Mr.T.ChandraShekar, Assistant Professor.

Number of the Participants: 20

Topics covered: The following topics covered in this program

- Composite Materials.
- Aerospace Alloys.
- Directional solidification and single crystal turbine blades.
- Smart Materials.
- Nano materials.


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Head of the Department

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **G.RAKESH** BEARING ROLL NUMBER
19Q61A0301 FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE
VALUE ADDED COURSE ON "ADVANCE MATERIALS AND PROCESS" DURING THE YEAR
2021-22.

Head of the **HOD** Department
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Co-Ordinator

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Principal
PRINCIPAL

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Department of Mechanical Engineering

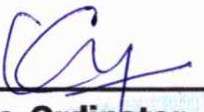
CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **S.N.AJIN** BEARING ROLL NUMBER **19Q61A0320**
FROM THE **DEPARTMENT OF MECHANICAL ENGINEERING** COMPLETED THE VALUE ADDED
COURSE ON "**ADVANCE MATERIALS AND PROCESS**" DURING THE YEAR **2021-22**.


Head of the Department

HOD
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Co-Ordinator
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Principal

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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2021-22/SEM/I/02

Date: 28-09-2021

CIRCULAR

This is to inform all the IV B.Tech MECH students that the Department organizing a value added course on "Additive Manufacturing (3D-Printing)". The course is scheduled to run for 06 days from 04-10-2021 to 09-10-2021. 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.SaiKrishna with Innovative systems


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The principal, for kind information

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Notice Board

IV-I B. Tech students

Dept. file



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ABOUT THE COURSE

Additive manufacturing Technician (3D Printing) trade a candidate is trained on professional Skill, professional Knowledge, Workshop Calculation & Science and Employability Skill related to job role. The trainee learns about safety and environment, use of fire extinguishers, artificial respiratory resuscitation to begin with. They get the idea of basic computer operation to generate 3D model.

COURSE OBJECTIVES

- To provide comprehensive knowledge of the wide range of additive manufacturing processes, capabilities and materials
- To understand the software tools and techniques used for additive manufacturing.
- To create physical objects that facilitates product development/prototyping requirements.

LAST DATE FOR REGISTRATION: 2nd OCT, 2021

EXPECTED OUTCOMES

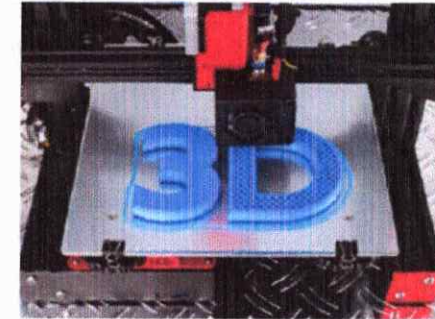
- Demonstrate appropriate level of understanding on principles of additive manufacturing processes.
- Choose appropriate materials for additive manufacturing processes
- Apply suitable CAD tools and CAD interface for additive manufacturing process
- Develop physical prototypes by identifying suitable process with optimum process parameters

Resource Person
Mr.K.Sai Krishna,
Subject Expert
Innovatives Systems

Co-ordinator
Mr.D.Vinay Kumar,
Assistant Professor
Department of MECH



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VALUE ADD-ON COURSE ON "ADDITIVE MANUFACTURING-3D PRINTING"

04th OCT TO 09th OCT, 2021

Duration of the course: 30 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING





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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADDITIVE MANUFACTURING (3DPRINTING)

VALUE ADDED COURSE SYLLABUS

B.TECH IV YEAR-I SEM

ACADEMIC YEAR 2021-22

Course objectives:

- To provide comprehensive knowledge of the wide range of additive manufacturing processes, capabilities and materials
- To understand the software tools and techniques used for additive manufacturing.
- To create physical objects that facilitates product development/prototyping requirements.

Course outcomes:

Upon successful completion, students will have the knowledge and skills to:

- Demonstrate appropriate level of understanding on principles of additive manufacturing processes.
- Choose appropriate materials for additive manufacturing processes
- Apply suitable CAD tools and CAD interface for additive manufacturing process
- Develop physical prototypes by identifying suitable process with optimum process parameters

UNIT-I: Introduction to layered manufacturing, Importance of Additive Manufacturing Additive Manufacturing in Product Development Classification of additive manufacturing processes, Common additive manufacturing technologies; Fused Deposition Modeling(FDM), Selective Laser Sintering(SLS), Stereo Lithography(SLA), Selection Laser Melting (SLM), Jetting, 3D Printing, Laser Engineering Net Shaping (LENS), Laminated Object Manufacturing (LOM), Electron Beam Melting (EBM) Capabilities, materials, costs, advantages and limitations of different systems.

UNIT-II: Material science for additive manufacturing-Mechanisms of material consolidation-FDM, SLS, SLM, 3D printing and jetting technologies. Polymers coalescence and sintering, photo polymerization, solidification rates, Meso and macro structures, Process evaluation: process-structure relationships, structure property relationships, Applications: Prototyping, Industrial tooling, Aerospace, Automobile, Medical etc., Quality control and reliability: Defects in FDM, SLS and SLM, Critical process parameters: geometry, temperature, composition, phase transformation, Numerical and experimental evaluation: roles of process parameter combination, process optimization.

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UNIT-III: CAD Modeling for 3D printing: 3D Scanning and digitization, data handling & reduction Methods, AM Software: data formats and standardization, Slicing algorithms:- uniform flat layer slicing, adaptive slicing, and Process-path generation: Process-path algorithms, rasterisation, part Orientation and support generation.

UNIT-IV: CAD Modeling: Introduction to CAD environment, Sketching, Modeling and Editing features, Different file formats, Export/Import geometries, Part orientation, Layer slicing, Process path selection, Printing, Numerical and experimental evaluation.


TEXT BOOKS:

1. Gibson, I., Rosen, D.W. and Stucker, B., "Additive Manufacturing Methodologies: Rapid Prototyping to Direct Digital Manufacturing", Springer, 2015.
2. Chua, C.K., Leong K.F. and Lim C.S., "Rapid prototyping: Principles and applications", Third edition, World Scientific Publishers, 2010.

REFERENCE BOOKS:

1. Liou, L.W. and Liou, F.W., "Rapid Prototyping and Engineering applications: A tool box for prototype development", CRC Press, 2011.
2. Kamrani, A.K. and Nasr, E.A., "Rapid Prototyping: Theory and practice", Springer, 2006.
3. Hilton, P.D. and Jacobs, P.F., Rapid Tooling: Technologies and Industrial Applications, CRC Press, 2000


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Head of the Department
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Avanthi Institute of Engineering & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADDITIVE MANUFACTURING (3D-PRINTING)

ACADEMIC YEAR 2021-22

Date: 28-09-2021

B.TECH IV YERA-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
04-10-2021	Classification of additive manufacturing processes, Common additive manufacturing technologies; Fused Deposition Modeling(FDM)	10:00 am to 04:00 pm	5 hours
05-10-2021	Selection Laser Melting (SLM), Jetting, 3D Printing, Laser Engineering Net Shaping (LENS).	10:00 am to 04:00 pm	5 hours
06-10-2021	Material science for additive manufacturing- Mechanisms of material consolidation- FDM, SLS, SLM, 3D printing and jetting technologies.	10:00 am to 04:00 pm	5 hours
07-10-2021	Quality control and reliability: Defects in FDM, SLS and SLM, Critical process parameters: geometry, temperature, composition, phase transformation	10:00 am to 04:00 pm	5 hours
08-10-2021	CAD Modeling for 3D printing: 3D Scanning and digitization, data handling & reduction Methods, AM Software: data formats and standardization	10:00 am to 04:00 pm	5 hours
09-10-2021	CAD Modeling: Introduction to CAD environment, Sketching, Modeling and Editing features, Different file formats	10:00 am to 04:00 pm	5 hours
Total – 30 hours			


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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	Additive Manufacturing (3D-Printing)	BREAK	Additive Manufacturing (3D-Printing)	LUNCH	Additive Manufacturing (3D-Printing)	BREAK	Additive Manufacturing (3D-Printing)
TUE							
WED							
THU							
FRI							
SAT							


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Mechanical Engineering
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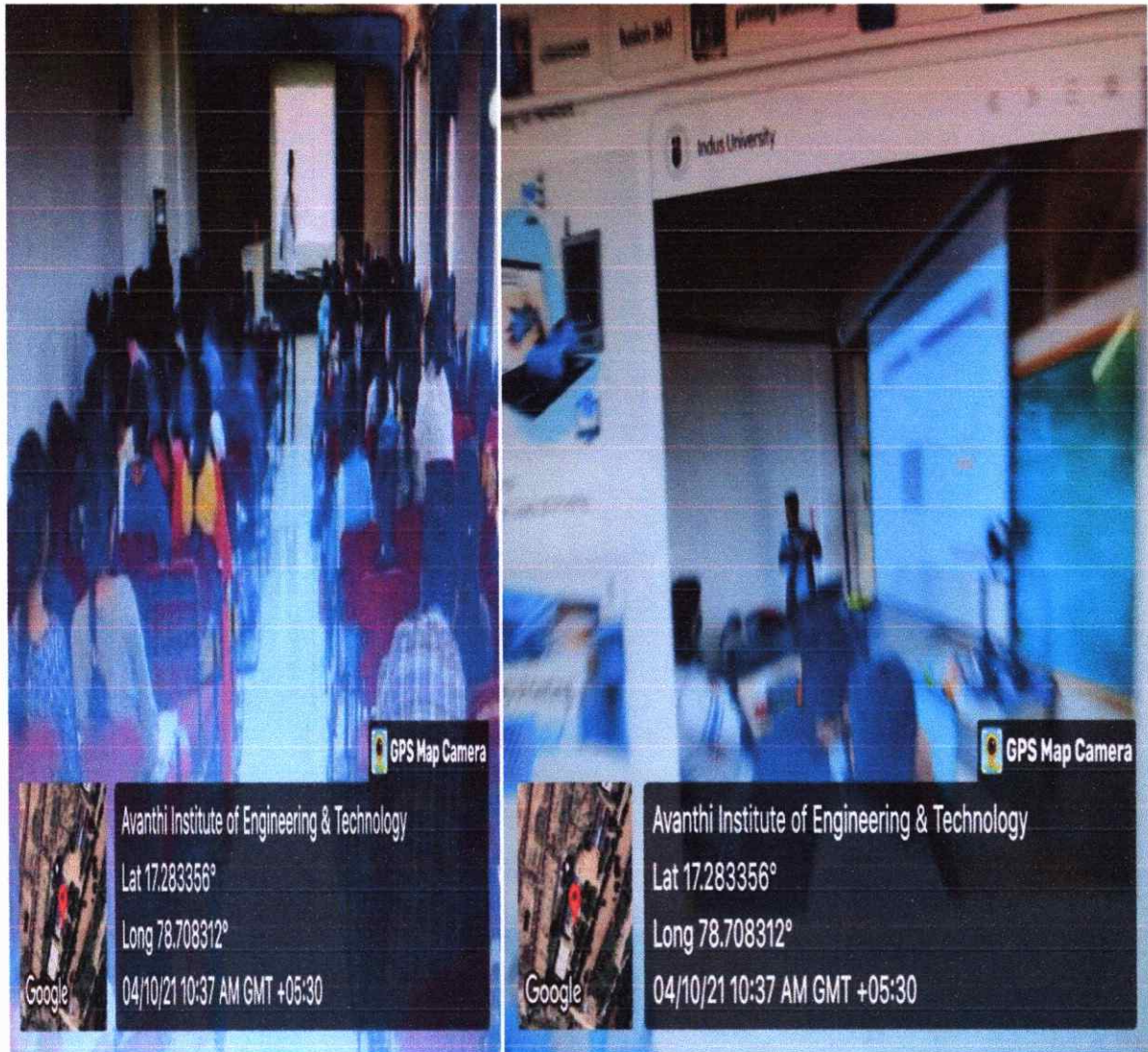
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The Students of IV-Year B.Tech Certificate Program Attending “Additive Manufacturing (3D-Printing)” By the Resource Person “Mr.K.Saikrishna” By ‘Innovative Systems’.

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K. Saikrishna

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Y. Srinivas
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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: ADDITIVE MANUFACTURING (3D-PRINTING)

IV YEAR I-SEM ENROLLED STUDENTS LIST Date: 04-10-2021 to 09-10-2021

S.No	Roll Number	Name of The Student
1	18Q61A0301	Gollapally Uday Kiran Reddy
2	18Q61A0302	Johns Jobin
3	18Q61A0303	Komma Pranay
4	18Q61A0304	Nampally Naresh
5	18Q61A0305	Vanguri Vijaykumar
6	18Q61A0306	Joshi Anirudh Chary
7	18Q61A0307	R Sachin
8	18Q61A0308	Naveen Kumar
9	19Q65A0301	Bhukya Vishnu Vardhan
10	19Q65A0302	Byagari Mounika
11	19Q65A0303	Chette Nagaraju
12	19Q65A0304	Damera Kalyani
13	19Q65A0305	G Sumana
14	19Q65A0306	Gyara Avinash
15	19Q65A0307	Ileni Ramya
16	19Q65A0308	Kasi Tharunteja
17	19Q65A0309	Lakavath Devaraj
18	19Q65A0310	Macha Praveen Kumar
19	19Q65A0311	Mandula Sravan Kumar
20	19Q65A0312	Ramavath Kumar
21	19Q65A0313	Rangu Vijay
22	19Q65A0314	Sadarla Sanjay Joel
23	19Q65A0315	Tattri Mallikarjun
24	19Q65A0316	Voggu Meghana
25	19Q65A0317	Addala Rajesh Balu
26	19Q65A0318	Akula Shashi Preetham
27	19Q65A0319	Akula Uuday
28	19Q65A0320	Bapanipally Diwakar
29	19Q65A0321	Bareddy Narayana Reddy
30	19Q65A0322	Beesa Naveen
31	19Q65A0323	Bheemanaboina Renuka
32	19Q65A0324	Bhukya Kalyan
33	19Q65A0325	Boya Rajashekar



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34	19Q65A0326	Chandragiri Manishankar
35	19Q65A0327	Chetty Vikas
36	19Q65A0328	Dayyala Vidyasagar
37	19Q65A0329	Dharani Naresh
38	19Q65A0330	Gandham Pavankalyan
39	19Q65A0331	Gattu Poojitha
40	19Q65A0332	Govvala Vijay Kumar
41	19Q65A0333	Gumpula Udaykiran
42	19Q65A0334	Gunda Dileep
43	19Q65A0335	Gurram Prashanth
44	19Q65A0336	Isukapatla Ashishchandan
45	19Q65A0337	K Shankar
46	19Q65A0338	Kashapogu Moses
47	19Q65A0339	Konaparthi Murali Krishna
48	19Q65A0340	Korra Ravi Kumar Nayak
49	19Q65A0341	Kummula Umakanth
50	19Q65A0342	Kunsoth Jayanth Kumar
51	19Q65A0343	Maduuri Harish
52	19Q65A0344	Matta Rakesh
53	19Q65A0345	Menthyala Sridhar
54	19Q65A0346	P Rithvik Kumar
55	19Q65A0347	Paladugu Amarnath
56	19Q65A0348	Shaik Usman Shareef
57	19Q65A0349	Thodeti Gopalakrishna
58	19Q65A0350	Vadala Nikhil
59	19Q65A0351	Vakulabharanam Pranav
60	19Q65A0352	Vemula Suresh

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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: ADDITIVE MANUFACTURING (3D-PRINTING)

IV YEAR I-SEM

A.Y 2021-2022

Date: 28-09-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	04.10.21	05.10.21	06.10.21	07.10.21	08.10.21	09.10.21
1	18Q61A0301	Gollapally Uday Kiran Reddy	P	P	P	P	P	P
2	18Q61A0302	Johns Jobin	P	P	P	P	P	P
3	18Q61A0303	Komma Pranay	P	P	P	P	P	P
4	18Q61A0304	Nampally Naresh	P	P	P	P	P	P
5	18Q61A0305	Vanguri Vijaykumar	P	P	P	P	P	P
6	18Q61A0306	Joshi Anirudh Chary	P	P	P	P	P	P
7	18Q61A0307	R Sachin	P	P	P	P	P	P
8	18Q61A0308	Naveen Kumar	P	P	P	P	P	P
9	19Q65A0301	Bhukya Vishnu Vardhan	P	P	P	P	P	P
10	19Q65A0302	Byagari Mounika	P	P	P	P	P	P
11	19Q65A0303	Chette Nagaraju	P	P	P	P	P	P
12	19Q65A0304	Damera Kalyani	P	P	P	P	P	P
13	19Q65A0305	G Sumana	P	P	P	P	P	P
14	19Q65A0306	Gyara Avinash	A	A	A	A	A	A
15	19Q65A0307	Ileni Ramya	P	P	P	P	P	P
16	19Q65A0308	Kasi Tharunteja	P	P	P	P	P	P
17	19Q65A0309	Lakavath Devaraj	P	P	P	P	P	P
18	19Q65A0310	Macha Praveen Kumar	P	P	P	P	P	P
19	19Q65A0311	Mandula Sraavan Kumar	P	P	P	P	P	P
20	19Q65A0312	Ramavath Kumar	P	P	P	P	P	P
21	19Q65A0313	Rangu Vijay	P	P	P	P	P	P
22	19Q65A0314	Sadarla Sanjay Joel	P	P	P	P	P	P
23	19Q65A0315	Tattri Mallikarjun	P	P	P	P	P	P
24	19Q65A0316	Voggu Meghana	P	P	P	P	P	P
25	19Q65A0317	Addala Rajesh Balu	P	P	P	P	P	P
26	19Q65A0318	Akula Shashi Preetham	P	P	P	P	P	P
27	19Q65A0319	Akula Uday	P	P	P	P	P	P
28	19Q65A0320	Bapanipally Diwakar	P	P	P	P	P	P
29	19Q65A0321	Bareddy Narayana Reddy	P	P	P	P	P	P
30	19Q65A0322	Beesa Naveen	P	P	P	P	P	P
31	19Q65A0323	Bheemanaboina Renuka	P	P	P	P	P	P
32	19Q65A0324	Bhukya Kalyan	P	P	P	P	P	P
33	19Q65A0325	Boya Rajashekar	P	P	P	P	P	P
34	19Q65A0326	Chandragiri Manishankar	P	P	P	P	P	P
35	19Q65A0327	Chetty Vikas	P	P	P	P	P	P
36	19Q65A0328	Dayyala Vidyasagar	P	P	P	P	P	P



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37	19Q65A0329	Dharani Naresh	P	P	P	P	P	P
38	19Q65A0330	Gandham Pavankalyan	P	P	P	P	P	P
39	19Q65A0331	Gattu Poojitha	P	P	P	P	P	P
40	19Q65A0332	Govvala Vijay Kumar	P	P	P	P	P	P
41	19Q65A0333	Gumpula Udaykiran	P	P	P	P	P	P
42	19Q65A0334	Gunda Dileep	P	P	P	P	P	P
43	19Q65A0335	Gurram Prashanth	P	P	P	P	P	P
44	19Q65A0336	Isukapatla Ashishchandan	P	P	P	P	P	P
45	19Q65A0337	K Shankar	P	P	P	P	P	P
46	19Q65A0338	Kashapogu Moses	P	P	P	P	P	P
47	19Q65A0339	Konaparthi Murali Krishna	P	P	P	P	P	P
48	19Q65A0340	Korra Ravi Kumar Nayak	P	P	P	P	P	P
49	19Q65A0341	Kummula Umakanth	A	A	A	A	A	A
50	19Q65A0342	Kunsoth Jayanth Kumar	A	A	A	A	A	A
51	19Q65A0343	Maduuri Harish	P	P	P	P	P	P
52	19Q65A0344	Matta Rakesh	P	P	P	P	P	P
53	19Q65A0345	Menthayala Sridhar	P	P	P	P	P	P
54	19Q65A0346	P Rithvik Kumar	P	P	P	P	P	P
55	19Q65A0347	Paladugu Amarnath	P	P	P	P	P	P
56	19Q65A0348	Shaik Usman Shareef	P	P	P	A	P	P
57	19Q65A0349	Thodeti Gopalakrishna	P	P	P	P	P	P
58	19Q65A0350	Vadala Nikhil	P	P	P	P	P	P
59	19Q65A0351	Vakulabharanam Pranav	P	P	P	P	P	P
60	19Q65A0352	Vemula Suresh	P	P	P	P	P	P

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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: ADDITIVE MANUFACTURING (3D-PRINTING)

IV YEAR I-SEM

A.Y 2021-2022

Date: 04-10-2021 to 09-10-2021

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2	18Q61A0302	Johns Jobin	30	100
3	18Q61A0303	Komma Pranay	30	100
4	18Q61A0304	Nampally Naresh	30	100
5	18Q61A0305	Vanguri Vijaykumar	30	100
6	18Q61A0306	Joshi Anirudh Chary	30	100
7	18Q61A0307	R Sachin	30	100
8	18Q61A0308	Naveen Kumar	30	100
9	19Q65A0301	Bhukya Vishnu Vardhan	30	100
10	19Q65A0302	Byagari Mounika	30	100
11	19Q65A0303	Chette Nagaraju	30	100
12	19Q65A0304	Damera Kalyani	30	100
13	19Q65A0305	G Sumana	30	100
14	19Q65A0306	Gyara Avinash	0	0
15	19Q65A0307	Ileni Ramya	30	100
16	19Q65A0308	Kasi Tharunteja	30	100
17	19Q65A0309	Lakavath Devaraj	30	100
18	19Q65A0310	Macha Praveen Kumar	30	100
19	19Q65A0311	Mandula Sravan Kumar	30	100
20	19Q65A0312	Ramavath Kumar	30	100
21	19Q65A0313	Rangu Vijay	30	100
22	19Q65A0314	Sadarla Sanjay Joel	30	100
23	19Q65A0315	Tattri Mallikarjun	30	100
24	19Q65A0316	Voggu Meghana	30	100
25	19Q65A0317	Addala Rajesh Balu	30	100
26	19Q65A0318	Akula Shashi Preetham	30	100
27	19Q65A0319	Akula Uuday	30	100
28	19Q65A0320	Bapanipally Diwakar	30	100
29	19Q65A0321	Bareddy Narayana Reddy	30	100
30	19Q65A0322	Beesa Naveen	30	100
31	19Q65A0323	Bheemanaboina Renuka	30	100
32	19Q65A0324	Bhukya Kalyan	30	100
33	19Q65A0325	Boya Rajashekar	30	100



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34	19Q65A0326	Chandragiri Manishankar	30	100
35	19Q65A0327	Chetty Vikas	30	100
36	19Q65A0328	Dayyala Vidyasagar	30	100
37	19Q65A0329	Dharani Naresh	30	100
38	19Q65A0330	Gandham Pavankalyan	30	100
39	19Q65A0331	Gattu Poojitha	30	100
40	19Q65A0332	Govvala Vijay Kumar	30	100
41	19Q65A0333	Gumpula Udaykiran	30	100
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45	19Q65A0337	K Shankar	30	100
46	19Q65A0338	Kashapogu Moses	30	100
47	19Q65A0339	Konaparthi Murali Krishna	30	100
48	19Q65A0340	Korra Ravi Kumar Nayak	30	100
49	19Q65A0341	Kummula Umakanth	0	0
50	19Q65A0342	Kunsoth Jayanth Kumar	0	0
51	19Q65A0343	Maduuri Harish	30	100
52	19Q65A0344	Matta Rakesh	30	100
53	19Q65A0345	Menthyala Sridhar	30	100
54	19Q65A0346	P Rithvik Kumar	30	100
55	19Q65A0347	Paladugu Amarnath	30	100
56	19Q65A0348	Shaik Usman Shareef	25	83.3
57	19Q65A0349	Thodeti Gopalakrishna	30	100
58	19Q65A0350	Vadala Nikhil	30	100
59	19Q65A0351	Vakulabharanam Pranav	30	100
60	19Q65A0352	Vemula Suresh	30	100


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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 15-10-2021

PROGRAM REPORT

Name of Value Added Course: Additive Manufacturing (3D-Printing)

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.K.SaiKrishna, Subject Expert, Innovative systems

Name of the Coordinator: Mr.D.Vinay Kumar, Assistant Professor.

Number of the Participants: 57

Topics covered: The following topics covered in this program

- Introduction to layered manufacturing.
- Electron Beam Melting (EBM) Capabilities.
- Material science for additive manufacturing-Mechanisms of material consolidation.
- CAD Modeling for 3D printing.
- CAD Modeling: Introduction to CAD environment.

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Ranga Reddy District.

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. **G.SUMANA** Bearing Reg.No **19Q65A0305** is participated in
“**ADDITIVE MANUFACTURING 3D-PRINTING**” course conducted at the **Avanthi
Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in
Association with ‘**INNOVATIVE SYSTEMS**’. from **04/10/2021** to **09/10/2021**.

Sd/-

Authorised Signatory

M/s Innovative Systems



Sir

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

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
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Innovative Systems

Towards Quality Service



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E.C.I.L. Post, Hyderabad - 500062

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.KALYAN** Bearing Reg.No **19Q65A0324** is participated in “**ADDITIVE MANUFACTURING 3D-PRINTING**” course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with ‘**INNOVATIVE SYSTEMS**’. from **04/10/2021** to **09/10/2021**.

Sd/-

Authorised Signatory

M/s Innovative Systems



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Ranga Reddy Dist, Telangana.

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2021-22/SEM/I/03

Date: 19-10-2021

CIRCULAR

This is to inform all the II B.Tech MECH students that the Department organizing a value added course on "**Thermal engineering Basics & applications**" The course is scheduled to run for 06 days from 25-10-2021 to 30-10-2021. 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.N.Sandeep, Assistant Professor, Department of Mechanical with Brilliant Institute of engineering & Technology

Head of the Department
Mechanical Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

II B. Tech students

Dept. file

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

ABOUT THE COURSE

This course focuses on different aspects of applied thermodynamics, which include fundamental analysis of steam power cycle starting from thermodynamics to its application in different practical processes, analysis of the Internal combustion engines, Gas turbine cycle, and the Refrigeration cycle. Thus, this course would provide an understanding on several aspects of thermal engineering from the basics to applied parts and would unveil several physical issues concerning with the fundamental analysis and operational principle

COURSE OBJECTIVES

1. Student will learn applications and the principles of thermodynamics to components and systems.
2. Student will understand the thermodynamic principles which govern the behavior of various Engines.
3. Student have knowledge of methods of analysis and design

of complicated thermodynamic systems

4. Student will acquire knowledge about thermodynamic analysis for compressors.

5. Student will obtain knowledge on various types of compressors and its functions.

EXPECTED OUTCOMES

1. Graduate will recognize and recall the importance of thermodynamic analysis for improvement of efficiency.
2. Graduate will understand the working principles of SI and CI Engines.
3. Student will be able to do thermodynamic analysis for various powers and efficiencies of IC Engines.

Resource Person

Mr.N.Sandeep

Subject Expert

Department of MECH

Brilliant College

Co-ordinator

Mr.V.Harinayak,

Assistant Professor

Department of MECH



AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE, CSE & EEE UG Programmes are Accredited by NBA
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VALUE ADD-ON COURSE ON "THERMAL ENGINEERING BASICS & APPLICATIONS"

25th OCT TO 30th OCT, 2021

Duration of the course: 30 HRS

ORGANIZED BY:

DEPARTMENT OF MECHANICAL ENGINEERING




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

LAST DATE FOR REGISTRATION: 23rd OCT, 2021



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: THERMAL ENGINEERING BASICS & APPLICATIONS

VALUE ADDED COURSE SYLLABUS

B.Tech II YERA-I SEM

ACADEMIC YEAR 2021-22

Course objectives:

- It is a science of energy transfer and its effect on physical properties of substances. It is based upon observations of common experiences of energy (mainly heat) transfer.
- This course will provide an understanding of the basic principles of thermodynamics which is must for understanding of major fields of mechanical engineering system

Course outcomes:

- Basic concepts, laws and principles of thermodynamics to use and select equipments/devices/machines working on these basics.
- Outline various Thermodynamic processes and analyze 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.

UNIT-I : Basic concepts-Definitions: system - boundary, surrounding, working fluid and state of system.-thermodynamic systems – closed, open and isolated systems with examples- Properties of system- Intensive and Extensive properties with examples.-Definitions for properties like Enthalpy (H), Entropy(s) Internal energy (U).

UNIT-II: Thermodynamic processes,- Explain with P-V and T-S diagram the Constant pressure, Constant volume, Isothermal, Isentropic, Polytrophic, Free expansion and throttling processes & equations representing the processes- Derivation for work done for the above processes Calculation of change in internal energy, heat supplied or rejected, change in Entropy for the above processes. Simple problems on the above processes

UNIT-III: Thermodynamic cycle – reversible and irreversible cycles conditions for reversibility of a cycle-Explanation of Carnot cycle with P.V. and T-S diagrams, Air standard Efficiency - Problems on Carnot cycle-Explanation of Otto cycle with P.V. and T-S diagrams, Air standard Efficiency - Simple problems on Otto cycle-Explanation of Diesel cycle with P.V

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UNIT-IV: IC engine -definition-classification- Terminology of IC engine - Working principle of Two Stroke petrol & Diesel engine - Working principle of Four Stroke petrol & Diesel engine. Testing of IC engines-Rope brake Dynamometer-Formulae for Brake power, indicated power Mechanical efficiency, and indicated thermal efficiency.

UNIT-V: Gas turbines- classification of gas turbines-Closed cycle gas turbine-Schematic diagram explanation-Open cycle gas turbine-schematic diagram-explanation-Comparison of open cycle and closed cycle gas turbines.-Jet propulsion-Ram-jet engine ,turbojet engines and Rocket engine- principle of working & application.

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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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE: THERMAL ENGINEERING BASICS & APPLICATIONS

ACADEMIC YEAR 2021-22

Date: 19-10-2021

B.TECH II YERA-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
25-10-2021	Basic concepts-Definitions: system - boundary, surrounding, working fluid and state.	10:00 am to 04:00 pm	5 hours
26-10-2021	Thermodynamic processes,- Explain with P-V and T-S diagram the Constant pressure, Constant volume, Isothermal	10:00 am to 04:00 pm	5 hours
27-10-2021	Thermodynamic cycle – reversible and irreversible cycles conditions for reversibility of a cycle-Explanation of Carnot cycle with P.V. and T-S diagrams, Air standard Efficiency	10:00 am to 04:00 pm	5 hours
28-10-2021	IC engine -definition-classification- Terminology of IC engine - Working principle of Two Stroke petrol & Diesel engine - Working principle of Four Stroke petrol & Diesel engine	10:00 am to 04:00 pm	5 hours
29-10-2021	Introduction -Methods of heat transfer-- Conduction, convection and radiation	10:00 am to 04:00 pm	5 hours
30-10-2021	Transmissivity, Reflectivity, Emissivity, black and gray bodies,	10:00 am to 04:00 pm	5 hours
Total – 30 Hours			


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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	Thermal engineering Basics & applications	BREAK	Thermal engineering Basics & applications	LUNCH	Thermal engineering Basics & applications	BREAK	Thermal engineering Basics & applications
TUE							
WED							
THU							
FRI							
SAT							


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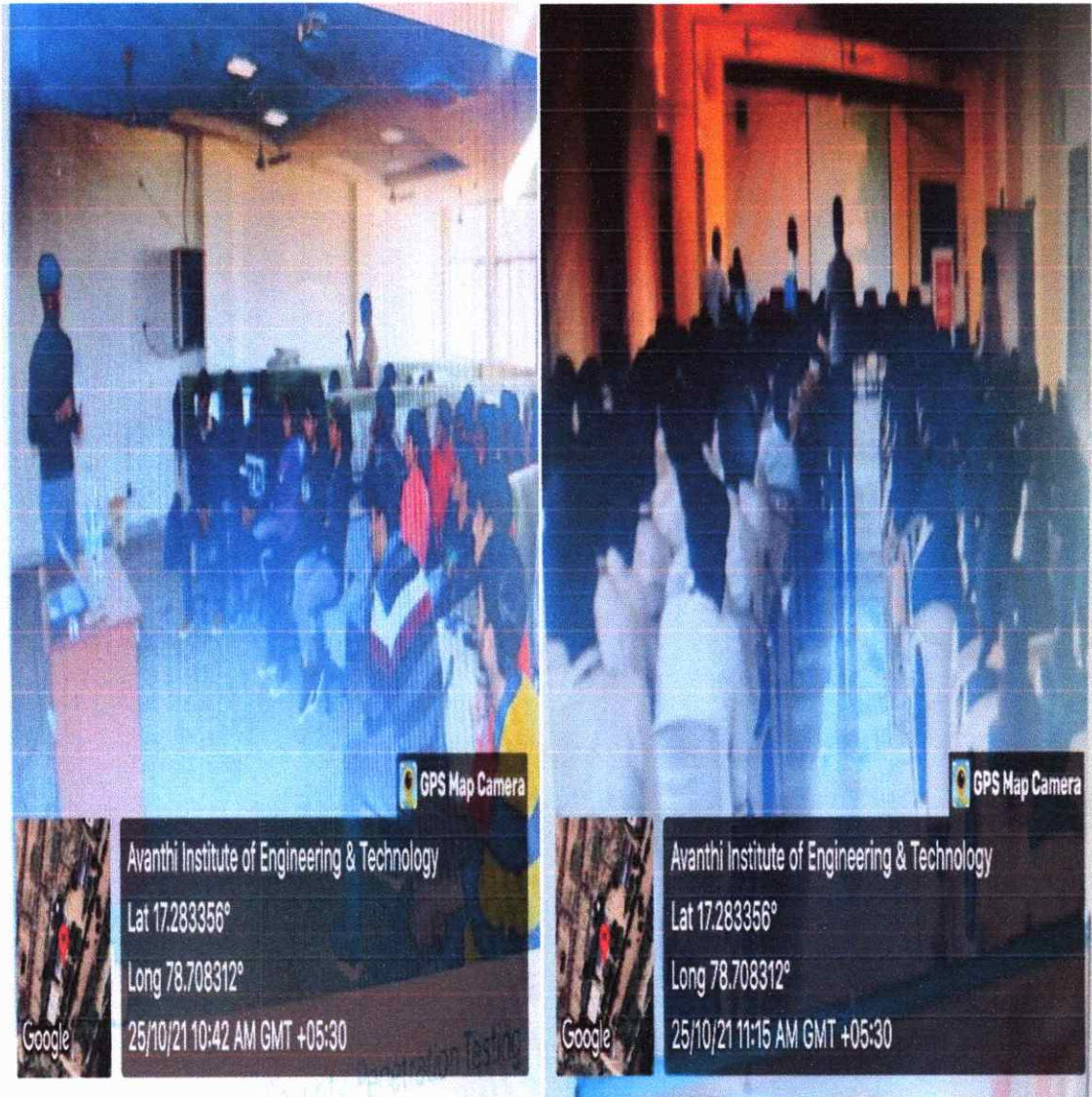
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The Students of II-Year B.Tech Certificate Program Attending "Thermal Engineering Basics & Applications" By the Resource Person "Mr.N.Sandeep, Assistant Professor".


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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: THERMAL ENGINEERING BASICS & APPLICATIONS

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 25-10-2021 to 30-10-2021

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 Iame 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
17	21Q65A0312	Chetty Gowtham
18	21Q65A0313	Dhanavath Vijay
19	21Q65A0314	E Ganesh Goud
20	21Q65A0315	Earla Srikanth
21	21Q65A0316	Gouni Saikiran
22	21Q65A0317	Gorla Naga Prasad
23	21Q65A0318	K Sowmya
24	21Q65A0319	Kattela Chandrakanth
25	21Q65A0320	Konduri Balaji
26	21Q65A0321	Munukuntla Hemanth Reddy
27	21Q65A0322	Perumalla Vijay
28	21Q65A0323	Ramavath Ramchander
29	21Q65A0324	Relangi Pallavi
30	21Q65A0325	Shaik Azeem
31	21Q65A0326	Siripuram Swaroop Kumar

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: THERMAL ENGINEERING BASICS & APPLICATIONS

II YEAR I-SEM

A.Y 2021-2022

Date: 19-10-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	25.10.21	26.10.21	27.10.21	28.10.21	29.10.21	30.10.21
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 Iame 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
17	21Q65A0312	Chetty Gowtham	A	A	A	A	A	A
18	21Q65A0313	Dhanavath Vijay	P	P	P	P	P	P
19	21Q65A0314	E Ganesh Goud	P	P	P	P	P	P
20	21Q65A0315	Earla Srikanth	P	P	P	P	P	P
21	21Q65A0316	Gouni Saikiran	P	P	P	P	P	P
22	21Q65A0317	Gorla Naga Prasad	P	P	P	P	P	P
23	21Q65A0318	K Sowmya	P	P	P	P	P	P
24	21Q65A0319	Kattela Chandrakanth	P	P	P	P	P	P
25	21Q65A0320	Konduri Balaji	P	P	A	P	P	P
26	21Q65A0321	Munukuntla Hemanth Reddy	P	P	P	P	P	P
27	21Q65A0322	Perumalla Vijay	P	P	P	P	P	P
28	21Q65A0323	Ramavath Ramchander	P	P	P	P	P	P



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29	21Q65A0324	Relangi Pallavi	P	P	P	P	P	P
30	21Q65A0325	Shaik Azeem	P	P	P	P	P	P
31	21Q65A0326	Siripuram Swaroop Kumar	P	P	P	P	P	P


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Head of the Department
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HOD

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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: THERMAL ENGINEERING BASICS & APPLICATIONS

II YEAR I-SEM

A.Y 2021-2022

Date: 25-10-2021 to 30-10-2021

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 Iname 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
17	21Q65A0312	Chetty Gowtham	0	0
18	21Q65A0313	Dhanavath Vijay	30	100
19	21Q65A0314	E Ganesh Goud	30	100
20	21Q65A0315	Earla Srikanth	30	100
21	21Q65A0316	Gouni Saikiran	30	100
22	21Q65A0317	Gorla Naga Prasad	30	100
23	21Q65A0318	K Sowmya	30	100
24	21Q65A0319	Kattela Chandrakanth	30	100
25	21Q65A0320	Konduri Balaji	25	83.3
26	21Q65A0321	Munukuntla Hemanth Reddy	30	100
27	21Q65A0322	Perumalla Vijay	30	100
28	21Q65A0323	Ramavath Ramchander	30	100
29	21Q65A0324	Relangi Pallavi	30	100
30	21Q65A0325	Shaik Azeem	30	100
31	21Q65A0326	Siripuram Swaroop Kumar	30	100

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 05-11-2021

PROGRAM REPORT

Name of Value Added Course: Thermal Engineering Basics & Applications

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.N.Sandeep, Subject Expert, Brilliant College

Name of the Coordinator: Mr.V.Harinayak, Assistant Professor.

Number of the Participants: 30

Topics covered: The following topics covered in this program

- Basic Concepts and Laws of Thermodynamics.
- Thermodynamic Processes.
- Thermodynamic Cycles.
- Ic Engines- Performance of I.C Engines.
- Gas Turbine and Jet Propulsion Systems.


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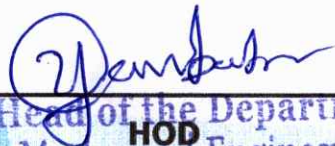
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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **EP.VIJAY** BEARING ROLL NUMBER **21Q65A0322**
FROM **THE DEPARTMENT OF MECHANICAL ENGINEERING** COMPLETED THE VALUE ADDED
COURSE ON **"THERMAL ENGINEERING BASICS & APPLICATIONS"** DURING THE YEAR
2021-22.



Head of the Department
HOD
Mechanical Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.



Coordinator
Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.



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



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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR E.POULU BEARING ROLL NUMBER **20Q61A0301**
FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED
COURSE ON "THERMAL ENGINEERING BASICS & APPLICATIONS" DURING THE YEAR
2021-22.


Head of the Department
HOD Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.


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


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



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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2021-22/SEM/I/04

Date: 10-11-2021

CIRCULAR

This is to inform all the III B.Tech MECH students that the Department organizing a value added course on "Advanced Auto CAD" The course is scheduled to run for 06 days from 15-11-2021 to 20-11-2021. 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 Dr G.RamaKrishna, Professor, and Department of Mechanical Engineering with Kasireddy NarayanaReddy College of Engineering & Technology

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

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Notice Board

III-I B. Tech Mech students

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Avanthi Institute of Engg. & Tech

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

ABOUT THE COURSE

AutoCAD is industry-leading commercial CAD software. AutoCAD is used by AEC(Architecture, Engineer, and Construction) to generate and optimize 2D and 3D designs. AutoCAD is a widely used software program that can help you draft construction documentation, explore design ideas, visualize concepts through photorealistic renderings, and simulate how a design performs in the real world. AutoCAD was first released in December 1982 as a desktop app. In 2010, AutoCAD was released as a mobile- and web app, marketed as AutoCAD 360. (Autodesk and AutoCAD)

COURSE OBJECTIVES

- To impart the parametric fundamentals to create and manipulate geometric models using curves, surfaces and solids.
- Demonstrate basic concepts of the AutoCAD software.
- Apply basic concepts to develop construction (drawing) techniques.
- Ability to manipulate drawings through editing and plotting techniques.
- Understand geometric construction
- Produce template drawings
- Produce 2D Orthographic Projections
- Understand and demonstrate dimensioning concepts and techniques
- Understand Section and Auxiliary Views

- Become familiar with the use of Blocks, Design Center, and Tool Palettes
- Become familiar with Solid Modeling concepts and techniques.

EXPECTED OUTCOMES

- To impart fundamental knowledge to students in the latest technological topics on Computer Aided Design, Computer Aided Manufacturing and Computer Aided Engineering Analysis and to prepare them for taking up further research in the areas.
- To create congenial environment that promotes learning, growth and imparts ability to work with interdisciplinary groups in professional, industry and research organizations.

Resource Person

Dr.G.Rama Krishna,

Subject Expert

Department of MECH

KNR College

Co-ordinator

Mr.M.Venkateswarlu,

Assistant Professor

Department of MECH

LAST DATE FOR REGISTRATION:13th
NOV 2021



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VALUE ADD-ON COURSE ON

“ADVANCED AUTO CAD”

15th NOV TO 20th NOV,2021

Duration of the course:30 HRS

VENUE:
SEMINAR HALL

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING





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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **ADVANCED AUTO CAD**

VALUE ADDED COURSE SYLLABUS

B.TECH III YEAR-I SEM

ACADEMIC YEAR 2021-22

Course objectives:

- Become familiar with the AutoCAD user interface.
- Understand the fundamental concepts and features of AutoCAD.
- Use the precision drafting tools in AutoCAD to develop accurate technical drawings.
- Present drawings in a detailed and visually impressive manner.
- Develop a level of comfort and confidence with AutoCAD through hands-on experience

Course outcomes:

Upon successful completion of this course, the student will be able to:

- Explore advanced 2D features of AutoCAD.
- Utilize efficient 2D drawing methods.
- Effectively use AutoCAD's newest features.
- Reference and share information effectively.
- Select the appropriate workflow for a project.
- Use sheet sets to organize multiple file drawing sets

Topics Covered

- Advanced Text Objects
- Working with Tables
- Defining dynamic blocks and attributes
- Outputting and publishing files for review
- Collaboration and automation tools
- Creating, publishing, and customizing sheet sets
- Managing Layers
- CAD Management and System Setup
- Enhancing productivity by customizing the AutoCAD interface
- Using macros and custom routines


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **ADVANCED AUTO CAD**

ACADEMIC YEAR 2021-22

Date: 10-11-2021


B.TECH III YEAR-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
15-11-2021	Introduction Advanced Text Objects. Annotation Scale Overview Using Fields Controlling the Draw Order Working with Linked Tables	10:00 am to 04:00 pm	5 hours
16-11-2021	Dynamic Blocks Working with Dynamic Blocks Creating Dynamic Block Definitions Dynamic Block Authoring Tools Additional Visibility Options	10:00 am to 04:00 pm	5 hours
17-11-2021	Inserting Blocks with Attributes Editing Attribute Values Defining Attributes Redefining Blocks with Attributes Extracting Attributes	10:00 am to 04:00 pm	5 hours
18-11-2021	Output For Electronic Review Autodesk Design Review Publishing Drawing Sets Shared Views	10:00 am to 04:00 pm	5 hours
19-11-2021	eTransmit Hyperlinks Compare Drawings	10:00 am to 04:00 pm	5 hours
20-11-2021	Connecting to the Cloud Sharing Drawings in the Cloud Rendering in the Cloud Attach Navisworks Files	10:00 am to 04:00 pm	5 hours
Total – 30 hours			


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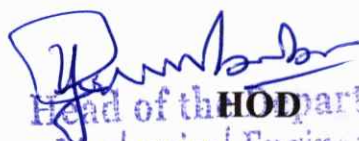
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The Students of III-Year B.Tech Certificate Program Attending "ADVANCED AUTO-CAD" By the Resource Person "Dr G.Ramakrishna, Professor, By KNR College


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Head of the HOD
Department
Mechanical Engineering
Avanathi Institute of Engineering & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED AUTO CAD

III YEAR I-SEM ENROLLED STUDENTS LIST Date: 15-11-2021 to 20-11-2021

S.No	Roll Number	Name of The Student
1	19Q61A0321	S Pavani
2	19Q61A0322	P Anuroop
3	19Q61A0323	Mohd Fahad Shaik
4	19Q61A0324	Mohd Faizan Mohiuddin
5	19Q61A0325	M Mithilesh
6	19Q61A0326	Kairam Konda Mareen
7	19Q61A0327	Sangamesh
8	19Q61A0328	B.Harisha
9	19Q61A0329	M.Joshi
10	17Q61A0325	Palvatala Sainath Reddy
11	16Q61A0324	Parne Sai Kiran Reddy
12	18Q65A0324	Yadlapally Kartheek
13	17Q61A0301	Ava Arjun
14	20Q65A0301	Adhikoppula Rohith
15	20Q65A0302	Dobbala Santhosh
16	20Q65A0303	Mule Keerthana
17	20Q65A0304	Supriya Endoori
18	20Q65A0305	Suthralavamshikrishna
19	20Q65A0306	V.Pavan Kumar
20	20Q65A0307	A Anand


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED AUTO CAD

III YEAR I-SEM

A.Y 2021-2022

Date: 15-11-2021 to 20-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	19Q61A0321	S Pavani	30	100
2	19Q61A0322	P Anuroop	30	100
3	19Q61A0323	Mohd Fahad Shaik	30	100
4	19Q61A0324	Mohd Faizan Mohiuddin	30	100
5	19Q61A0325	M Mithilesh	30	100
6	19Q61A0326	Kairam Konda Mareen	30	100
7	19Q61A0327	Sangamesh	30	100
8	19Q61A0328	B.Harisha	30	100
9	19Q61A0329	M.Joshi	30	100
10	17Q61A0325	Palvatala Sainath Reddy	30	100
11	16Q61A0324	Parne Sai Kiran Reddy	30	100
12	18Q65A0324	Yadlapally Kartheek	30	100
13	17Q61A0301	Ava Arjun	30	100
14	20Q65A0301	Adhikoppula Rohith	30	100
15	20Q65A0302	Dobbala Santhosh	30	100
16	20Q65A0303	Mule Keerthana	30	100
17	20Q65A0304	Supriya Endoori	30	100
18	20Q65A0305	Suthralavamshikrishna	30	100
19	20Q65A0306	V.Pavan Kumar	30	100
20	20Q65A0307	A Anand	30	100


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Ranga Reddy District.



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: ADVANCED AUTO CAD

III YEAR I-SEM

A.Y 2021-2022

Date: 10-11-2021

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	15.11.21	16.11.21	17.11.21	18.11.21	19.11.21	20.11.21
1	19Q61A0321	S Pavani	P	P	P	P	P	P
2	19Q61A0322	P Anuroop	P	P	P	P	P	P
3	19Q61A0323	Mohd Fahad Shaik	P	P	P	P	P	P
4	19Q61A0324	Mohd Faizan Mohiuddin	P	P	P	P	P	P
5	19Q61A0325	M Mithilesh	P	P	P	P	P	P
6	19Q61A0326	Kairam Konda Mareen	P	P	P	P	P	P
7	19Q61A0327	Sangamesh	P	P	P	P	P	P
8	19Q61A0328	B.Harisha	P	P	P	P	P	P
9	19Q61A0329	M.Joshi	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	P	P	P	P	P	P
15	20Q65A0302	Dobbala Santhosh	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


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Head of the Department
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Avanathi Institute of Engineering & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 25-11-2021

PROGRAM REPORT

Name of Value Added Course: Advanced Auto CAD

Day/Duration: 6 Days (30 Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Dr G.RamaKrishna, Subject Expert, KNR College

Name of the Coordinator: Mr.M.Venkateswarlu, Assistant Professor.

Number of the Participants: 20

Topics covered: The following topics covered in this program

- Outputting and publishing files for review
- Collaboration and automation tools
- Creating, publishing, and customizing sheet sets
- Managing Layers
- CAD Management and System Setup
- Enhancing productivity by customizing the AutoCAD interface



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

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **A.ANAND** BEARING ROLL NUMBER **20Q65A0307**
FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED
COURSE ON "**ADVANCED AUTO CAD**" DURING THE YEAR **2021-22**.

Head of the Department
[Signature]
Mechanical Engineering
HOD
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.

[Signature: Ramoji]
Co-Ordinator
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

[Signature]
Principal
Avanthi Institute of Engg. & Tech
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Department of Mechanical Engineering


CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **S.PAVANI** BEARING ROLL NUMBER **19Q61A0321**
FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED
COURSE ON "**ADVANCED AUTO CAD**" DURING THE YEAR **2021-22**.


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


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


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



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DEPARTMENT OF MECHANICAL ENGINEERING

AVIH/MECH/AOC/CIR/2021-22/SEM/II/01

Date: 08-03-2022

CIRCULAR

This is to inform all the III B.Tech MECH students that the Department organizing a value added course on "Smart Materials and Structures" Department Advisory Committee has been identified Mrs.P.Madhavi, Assistant Professor, Dept of MECH as a resource person for this course. The course is scheduled to run for 06 days from 14-03-2022 to 19-03-2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


Head of the Department
Mechanical Engineering
Avanathi Institute of Engineering and Technology
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Ranga Reddy District.

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III-II B. Tech students

Dept. file


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ABOUT THE COURSE

Introduction to Smart Materials, Principles of Piezoelectricity, Perovskite Piezoceramic Materials, Single Crystals vs Polycrystalline Systems, Piezoelectric Polymers, Principles of Magnetostriction, Rare earth Magnetostrictive materials, Giant Magnetostriction and Magneto-resistance Effect, Introduction to Electro-active Materials, Electronic Materials, Electro-active Polymers, Ionic Polymer Matrix Composite (IPMC), Shape Memory Effect, Shape Memory Alloys, Shape Memory Polymers, Electro-rheological Fluids, Magneto Rheological

COURSE OBJECTIVES

- Understand the key practical theory with the operation principles of smart materials, their manufacturing, properties, and their applications.
- Address the key challenges and obstacles with manufacturing of different smart materials.
- Understand the fundamentals and applications of various smart materials and structures.
- Identify major smart materials and their properties.
- Identify major smart structures, mechanisms, and performance. Select and use smart materials and structures for specific engineering applications.
- Get familiar with the characterization & manufacturing techniques for smart materials, structures, and systems.

EXPECTED OUTCOMES

- **Understanding of Smart Materials:** Students should gain a comprehensive understanding of different types of smart materials, including their properties, behavior, and applications.
- **Ability to Analyze and Select Materials:** Students should be able to analyze the characteristics of different smart materials and select the most suitable material for a specific application.
- **Design and Engineering Skills:** Developing the ability to design systems and structures that incorporate smart materials, considering factors like material selection, actuation mechanisms, and control systems.
- **Sensing and Actuation:** Proficiency in designing and implementing sensing and actuation systems using smart materials, including sensors and actuators.
- **Control Systems:** Understanding and designing control systems to manipulate the behavior of smart materials effectively.

Resource Person

Mrs.P.Madhavi,
Assistant Professor
Department of MECH

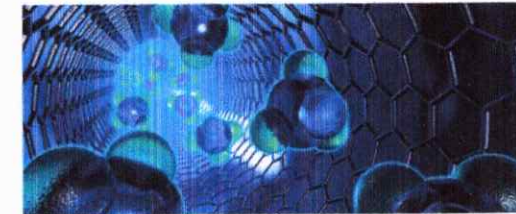
Co-ordinator
Mr.V.Vamshi Krishna
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:12th MAR,2022



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VALUE ADD-ON COURSE ON "SMART MATERIALS AND STRUCTURES"

14th MAR TO 19th MAR,2022

Duration of the course:36 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING





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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: SMART MATERIALS AND STRUCTURES

VALUE ADDED COURSE SYLLABUS

B.TECH III YEAR-II SEM

ACADEMIC YEAR: 2021-2022

Course objectives:

- To study various types of smart materials used in engineering application
- To study processing of smart materials
- To study basics of sensors and its engineering application
- To study basics of actuators and its engineering application

Course outcomes:

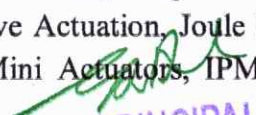
Upon successful completion, students will have the knowledge and skills to:

- Understand the fundamentals and applications of various smart materials and structures.
- Identify major smart materials and their properties.
- Identify major smart structures, mechanisms, and performance.
- Select and use smart materials and structures for specific engineering applications.
- Get familiar with the characterization and manufacturing techniques for smart materials, structures, and systems.

UNIT-I: OVERVIEW OF SMART MATERIALS: Introduction to Smart Materials, Principles of Piezoelectricity, Perovskite Piezoceramic Materials, Single Crystals vs Polycrystalline Systems, Piezoelectric Polymers, Principles of Magnetostriction, Rare earth Magnetostrictive materials, Giant Magnetostriction and Magneto-resistance Effect, Introduction to Electro-active Materials, Electronic Materials, Electro-active Polymers, Ionic Polymer Matrix Composite (IPMC), Shape Memory Effect, Shape Memory Alloys, Shape Memory Polymers, Electro-rheological Fluids, Magneto Rheological Fluids.

UNIT-II.: HIGH-BAND WIDTH, LOW STRAIN SMART SENSORS: Piezoelectric Strain Sensors, In-plane and Out-of Plane Sensing, Shear Sensing, Accelerometers, Effect of Electrode Pattern, Active Fibre Sensing, Magnetostrictive Sensing, Villari Effect, Matteuci Effect and Nagoka-Honda Effect, Magnetic Delay Line Sensing, Application of Smart Sensors for Structural Health Monitoring (SHM), System Identification using Smart Sensors.

UNIT-III: SMART ACTUATORS: Modeling Piezoelectric Actuators, Amplified Piezo Actuation – Internal and External Amplifications, Magnetostrictive Actuation, Joule Effect, Wiedemann Effect, Magneto volume Effect, Magnetostrictive Mini Actuators, IPMC and


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Polymeric Actuators, Shape Memory Actuators, Active Vibration Control, Active Shape Control, Passive Vibration Control, Hybrid Vibration Control.

UNIT-IV: SMART COMPOSITES: Review of Composite Materials, Micro and Macro-mechanics, Modeling Laminated Composites based on Classical Laminated Plate Theory, Effect of Shear Deformation, Dynamics of Smart Composite Beam, Governing Equation of Motion, Finite Element Modeling of Smart Composite Beams

UNIT-V: ADVANCES IN SMART STRUCTURES & MATERIALS: Self-Sensing Piezoelectric Transducers, Energy Harvesting Materials, Autophagous Materials, Self Healing Polymers, Intelligent System Design, Emergent System Design


REFERENCES:

1. Brian Culshaw, Smart Structures and Materials, Artech House, 2000
2. Gauenzi, P., Smart Structures, Wiley, 2009
3. Cady, W. G., Piezoelectricity, Dover Publication


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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: SMART MATERIALS AND STRUCTURES

ACADEMIC YEAR 2021-22

Date: 08-03-2022

B.TECH III YERA-II SEM


DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
14-03-2022	Introduction to Smart Materials, Principles of Piezoelectricity, Perovskite Piezoceramic Materials, Single Crystals vs Polycrystalline Systems, Piezoelectric Polymers, Principles of Magnetostriction	09:30 am to 04:00 pm	6 hours
15-03-2022	Piezoelectric Strain Sensors, In-plane and Out-of Plane Sensing, Shear Sensing, Accelerometers, Effect of Electrode Pattern, Active Fiber Sensing, Magnetostrictive Sensing.	09:30 am to 04:00 pm	6 hours
16-03-2022	Modeling Piezoelectric Actuators Amplified Piezo Actuation – Internal and External Amplifications, Magnetostrictive Actuation, and Joule Effect.	09:30 am to 04:00 pm	6 hours
17-03-2022	Review of Composite Materials, Micro and Macro-mechanics, Modeling Laminated Composites based on Classical Laminated Plate Theory	09:30 am to 04:00 pm	6 hours
18-03-2022	Effect of Shear Deformation, Dynamics of Smart Composite Beam, Governing Equation of Motion.	09:30 am to 04:00 pm	6 hours
19-03-2022	Self-Sensing Piezoelectric Transducers, Energy Harvesting Materials, Autophagous Materials	09:30 am to 04:00 pm	6 hours
Total – 36 hours			


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DEPARTMENT OF MECHANICAL 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	Smart Materials and Structures	BREAK	Smart Materials and Structures	LUNCH	Smart Materials and Structures	BREAK	Smart Materials and Structures
TUE							
WED							
THU							
FRI							
SAT							


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The Students of III-Year B.Tech Certificate Program Attending "Smart Materials and Structures" By the Resource Person "Mrs.P.Madhavi, Assistant Professor.


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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: SMART MATERIALS AND STRUCTURES

III YEAR II-SEM ENROLLED STUDENTS LIST Date: 14-03-2021 to 19-03-2021

S.No	Roll Number	Name of The Student
1	20Q65A0308	Annareddy Ganesh
2	20Q65A0309	Chennagari Sanjaygoud
3	20Q65A0310	Gorla Naveen
4	20Q65A0311	Jadhav Sopan
5	20Q65A0312	Jogu Raju
6	20Q65A0313	Kankurthe Naresh
7	20Q65A0314	Kethavath Nitish Kumar
8	20Q65A0315	M Sai Kumar
9	20Q65A0316	Marru Tharun
10	20Q65A0317	Pagadala Srilekha
11	20Q65A0318	Ramavath Mathru
12	20Q65A0319	Sabhavatsainaik
13	20Q65A0320	Sampangi Surya Kiran
14	20Q65A0321	Somala Gouthami
15	20Q65A0322	Sopparwar Manesh
16	20Q65A0323	Yedla Venu Gopala Krishna
17	20Q65A0324	V Kiran Kumar
18	18N81A0308	Anvesh Sriramoju
19	18N81A0306	Gopidi Sridhar

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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: SMART MATERIALS AND STRUCTURES

III YEAR II-SEM

A.Y 2021-2022

Date: 08-03-2021


DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	14.03.21	15.03.21	16.03.21	17.03.21	18.03.21	19.03.21
1	20Q65A0308	Annareddy Ganesh	P	P	P	P	P	P
2	20Q65A0309	Chennagari Sanjaygoud	P	P	P	P	P	P
3	20Q65A0310	Gorla Naveen	P	P	P	P	P	P
4	20Q65A0311	Jadhav Sopan	P	P	A	P	P	P
5	20Q65A0312	Jogu Raju	P	P	P	P	P	P
6	20Q65A0313	Kankurthe Naresh	P	P	P	P	P	P
7	20Q65A0314	Kethavath Nitish Kumar	P	P	P	P	P	P
8	20Q65A0315	M Sai Kumar	P	P	P	P	P	P
9	20Q65A0316	Marru Tharun	P	P	P	P	P	P
10	20Q65A0317	Pagadala Srilekha	P	P	P	P	P	P
11	20Q65A0318	Ramavath Mathru	P	P	P	P	P	P
12	20Q65A0319	Sabhavatsainaik	P	P	P	P	P	P
13	20Q65A0320	Sampangi Surya Kiran	P	P	P	P	P	P
14	20Q65A0321	Somala Gouthami	P	P	P	P	P	P
15	20Q65A0322	Sopparwar Manesh	P	P	P	P	P	P
16	20Q65A0323	Yedla Venu Gopala Krishna	P	P	P	P	P	P
17	20Q65A0324	V Kiran Kumar	P	P	P	P	P	P
18	18N81A0308	Anvesh Sriramoju	P	P	P	P	P	P
19	18N81A0306	Gopidi Sridhar	P	P	P	P	P	P


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DEPARTMENT OF MECHANICAL ENGINEERING VALUE ADDED COURSE NAME: SMART MATERIALS AND STRUCTURES

III YEAR II-SEM


A.Y 2021-2022

Date: 14-03-2021 to 19-03-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q65A0308	Annareddy Ganesh	36	100
2	20Q65A0309	Chennagari Sanjaygoud	36	100
3	20Q65A0310	Gorla Naveen	36	100
4	20Q65A0311	Jadhav Sopan	30	83.3
5	20Q65A0312	Jogu Raju	36	100
6	20Q65A0313	Kankurthe Naresh	36	100
7	20Q65A0314	Kethavath Nitish Kumar	36	100
8	20Q65A0315	M Sai Kumar	36	100
9	20Q65A0316	Marru Tharun	36	100
10	20Q65A0317	Pagadala Srilekha	36	100
11	20Q65A0318	Ramavath Mathru	36	100
12	20Q65A0319	Sabhavatsainaik	36	100
13	20Q65A0320	Sampangi Surya Kiran	36	100
14	20Q65A0321	Somala Gouthami	36	100
15	20Q65A0322	Sopparwar Manesh	36	100
16	20Q65A0323	Yedla Venu Gopala Krishna	36	100
17	20Q65A0324	V Kiran Kumar	36	100
18	18N81A0308	Anvesh Sriramoju	36	100
19	18N81A0306	Gopidi Sridhar	36	100


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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 24-03-2022

PROGRAM REPORT

Name of Value Added Course: Smart Materials and Structures

Day/Duration: 6 Days (36 Hours)

Time: 09:30 am to 04:00 pm

Resource Person: Mrs.P.Madhavi, Assistant Professor.

Name of the Coordinator: Mr.V.Vamshi Krishna, Assistant Professor.


Number of the Participants: 19


Topics covered: The following topics covered in this program

- Overview of Smart Materials.
- High-Band Width, Low Strain Smart Sensors.
- Smart Actuators.
- Smart Composites.
- Advances in Smart Structures & Materials.


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Department of Mechanical Engineering


CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **G.NAVEEN** BEARING ROLL NUMBER
20Q65A0310 FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE
VALUE ADDED COURSE ON "SMART MATERIALS AND STRUCTURES" DURING THE YEAR
2021-22.


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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR V.KIRAN KUMAR BEARING ROLL NUMBER
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VALUE ADDED COURSE ON "SMART MATERIALS AND STRUCTURES" DURING THE YEAR
2021-22.


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/SEM/I/01

Date: 27.12.2021

CIRCULAR

This is to inform all the I B.Tech CSE students that the Department organizing a value added course on "Foreign Languages- Spanish and Latin" The course is scheduled to run for 06 days from 03.01.2022 to 08.01.2022. 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 Dr.K.Shyam Sunder Professor with EduNet Foundation

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Copy to:

The Principal, for kind information

IQAC

Notice Board

I.B. Tech CSE students

Dept. file

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ABOUT THE COURSE

India is slowly emerging as the hub for various outsourced works, and there is an increased requirement of translation to various foreign languages. As the internet has become an inseparable part of our lives, various online dealings such as digital management and customer support services are also taking place in foreign languages. Learning a foreign language widens the horizons by allowing one to explore different fields.

COURSE OBJECTIVES

- Ability to be comfortable with English in use while reading or listening.
- Ability to use receptive skills through reading and listening to language and literature. Ability to write and speak good English in all situations.
- Students should develop style in speech and writing and manipulate the tools of language for effective communication.
- The course should provide exposure to the learners in Good Prose texts and Poems and expose the learners to value based ideas

EXPECTED OUTCOMES

By the end of this course, students will be able to:

- Basic proficiency in the understanding and use of a foreign language.
- Knowledge of the distinctive features of culture(s) associated with the language they are studying
- Students decipher the mechanism of language and use it for success in competitive examinations and job related speaking and writing tasks.

Resource Person

Dr.K.Shyam Sunder

Subject Expert

EDUNET Foundation

Co-ordinator

Mrs.CH.Sushma

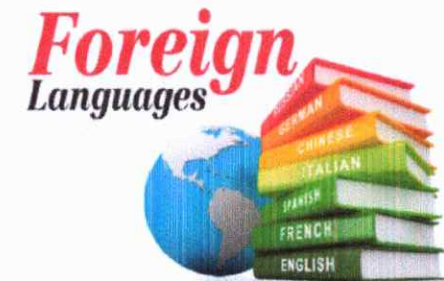
Assistant Professor

Department of H&S



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VALUE ADD-ON COURSE ON "FOREIGN LANGUAGES-SPANISH AND LATIN"

03rd JAN TO 08th JAN,2022

Duration of the course:30 HRS

VENUE:
SEMINAR HALL

ORGANIZED BY :
DEPARTMENT OF HUMANITIES AND
SCIENCE



LAST DATE FOR REGISTRATION:31st DEC,2021



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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **FOREIGN LANGUAGES- SPANISH AND LATIN**
VALUE ADDED COURSE SYLLABUS

B.TECH I YEAR-I SEM CSE

ACADEMIC YEAR: 2021-22

Course objectives:

- Ability to be comfortable with English in use while reading or listening.
- Ability to use receptive skills through reading and listening to language and literature.
- Ability to write and speak good English in all situations.
- Students should develop style in speech and writing and manipulate the tools of language for effective communication.
- The course should provide exposure to the learners in Good Prose texts and Poems and expose the learners to value based ideas

Course Outcome:

By the end of this course, students will be able to:

- Basic proficiency in the understanding and use of a foreign language.
- Knowledge of the distinctive features of culture(s) associated with the language they are studying.
- Students decipher the mechanism of language and use it for success in competitive examinations and job related speaking and writing tasks.

Unit-1: Language in context: developing reading and writing skills, Integrating mind, body and heart and developing listening and speaking skills.

Unit-2: Research methodology, Translation and interpretation and Applied Linguistics.

Unit-3: Theory of Literature, Latin American Post Colonialism and French for Business.

Unit-4: Micro Languages for Hospitality and Tourism Purposes, Introduction to Phonetics.

Unit-5: Spanish and Latin American Culture and Civilization.

REFERENCE BOOKS:

- Afrikaans Handbook & Study Guide – Beryl Lutrin.
- Collins easy learning French dictionary.
- Get by in Spanish – Jane Freeland.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: FOREIGN LANGUAGES - SPANISH AND LATIN

ACADEMIC YEAR: 2021-22

Date: 27.12.2021

B.TECH. I YERA-I SEM CSE

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	03-01-2021	Language in context: developing reading and writing skills, Integrating mind.	09:30 am to 04.00 pm	5 hour
2	04-01-2021	heart and developing listening and speaking skills	09:30 am to 04.00 pm	5 hour
3	05-01-2021	Research methodology, Translation and interpretation and Applied Linguistics.	09:30 am to 04.00 pm	5 hour
4	06-01-2021	Theory of Literature, Latin American Post Colonialism and French for Business	09:30 am to 04.00 pm	5 hour
5	07-01-2021	Micro Languages for Hospitality and Tourism Purposes, Introduction to Phonetics	09:30 am to 04.00 pm	5 hour
6	08-01-2021	Spanish and Latin American Culture and Civilization	09:30 am to 04.00 pm	5 hour
Total – 30 Hours				


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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	Foreign Languages- Spanish and Latin	BREAK	Foreign Languages- Spanish and Latin	LUNCH	Foreign Languages- Spanish and Latin	BREAK	Foreign Languages- Spanish and Latin
TUE							
WED							
THU							
FRI							
SAT							

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HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist.



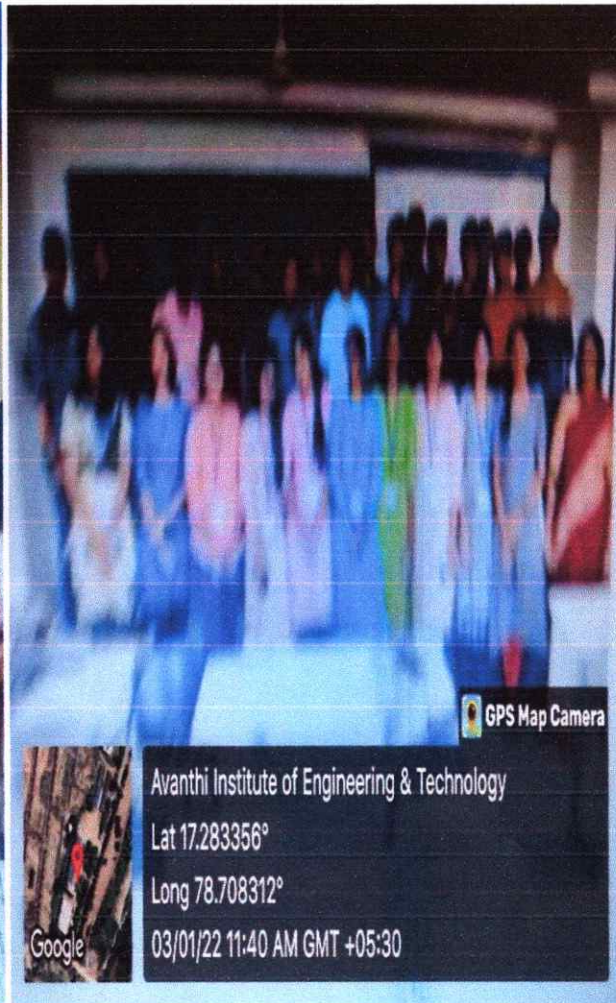
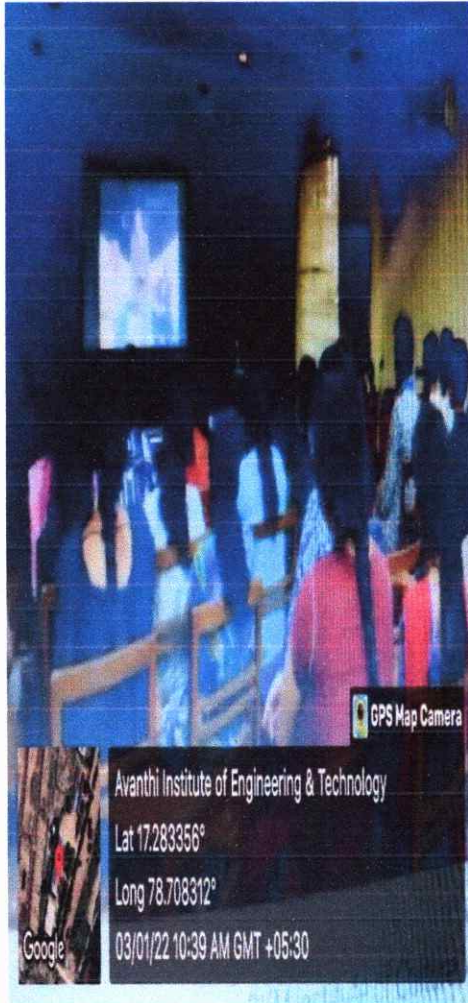
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The Students of I-Year B.Tech certificate program attending "Foreign Languages- Spanish and Latin" by the Resource Person "Dr.K.Shyam Sunder Professor" with 'EduNet Foundation'.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **FOREIGN LANGUAGES- SPANISH
AND LATIN**

I YEAR I-SEM CSE ENROLLED STUDENTS LIST Date: 03-01-2022 to 08-01-2022

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	Arupula Saidurgaprasad
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	Dharavath Yakanna
26	21Q61A0526	Dornala Shiva Prasad
27	21Q61A0527	Dyaga Ravindher
28	21Q61A0528	Earrabothu Pradeep Reddy
29	21Q61A0529	Erramalla Srinivas
30	21Q61A0530	Gaddam Jahnvi
31	21Q61A0531	Gaddam Siddhartha
32	21Q61A0532	Gaddi Ramakrishna
33	21Q61A0533	Gajja Vishnu Vardhan



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34	21Q61A0534	Ganagani Sampath
35	21Q61A0535	Ganesh
36	21Q61A0536	Gattu Vinay Kumar
37	21Q61A0537	Rapelly Raveena
38	21Q61A0538	Avula Koushik
39	21Q61A0539	Bariga Prasanna Kumar
40	21Q61A0540	Chetlapally Bhavya
41	21Q61A0541	D Uday Kumar
42	21Q61A0542	Gottimukkula Lahari
43	21Q61A0543	Aadireddy Kiran Teja
44	21Q61A0544	Akkenapally Pravin Durigaiah
45	21Q61A0545	Anugu Rohith Reddy
46	21Q61A0546	Ananya Mahapatra
47	21Q61A0547	Banda Harish Yadav
48	21Q61A0548	Barla Sri Kodanda Varma
49	21Q61A0549	Bethala Keerthi
50	21Q61A0550	Bobbali Revathi
51	21Q61A0551	Bodige Pooja
52	21Q61A0552	Chenreddy Praveen
53	21Q61A0553	Deshini Nischala Priya
54	21Q61A0554	Galipelli Alekhya

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: FOREIGN LANGUAGES- SPANISH AND LATIN

I YEAR I-SEM CSE

A.Y 2021-2022

Date: 27-12-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	03.01.22	04.01.22	05.01.22	06.01.22	07.01.22	08.01.22
1	21Q61A0501	A Shivani	P	P	P	P	P	P
2	21Q61A0502	Abbadhi 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	Arupula Saidurgaprasad	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	P	P	P	P	P	P
14	21Q61A0514	Bollavaram Muralidhar Reddy	A	A	A	A	A	A
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	P	P	P	P	P	P
25	21Q61A0525	Dharavath Yakanna	P	P	P	P	P	P
26	21Q61A0526	Dornala Shiva Prasad	P	P	P	P	P	P
27	21Q61A0527	Dyaga Ravindher	P	P	P	P	P	P
28	21Q61A0528	Earrabothu Pradeep Reddy	A	A	A	A	A	A
29	21Q61A0529	Erramalla Srinivas	P	P	P	P	P	P
30	21Q61A0530	Gaddam Jahnvi	P	P	P	P	P	P
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	P	P	P	P	P	P
37	21Q61A0537	Rapelly Raveena	P	P	P	P	P	P



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38	21Q61A0538	Avula Koushik	P	P	P	P	P	P
39	21Q61A0539	Bariga Prasanna Kumar	P	P	P	P	P	P
40	21Q61A0540	Chetlapally Bhavya	P	P	P	P	P	P
41	21Q61A0541	D Uday Kumar	P	P	A	P	P	P
42	21Q61A0542	Gottimukkula Lahari	P	P	P	P	P	P
43	21Q61A0543	Aadireddy Kiran Teja	P	P	P	P	P	P
44	21Q61A0544	Akkenapally Pravin Durigaiah	P	P	P	P	P	P
45	21Q61A0545	Anugu Rohith Reddy	P	P	P	P	P	P
46	21Q61A0546	Ananya Mahapatra	P	P	P	P	P	P
47	21Q61A0547	Banda Harish Yadav	P	P	P	P	P	P
48	21Q61A0548	Barla Sri Kodanda Varma	P	P	P	P	P	P
49	21Q61A0549	Bethala Keerthi	P	P	P	P	P	P
50	21Q61A0550	Bobbali Revathi	P	P	P	P	P	P
51	21Q61A0551	Bodige Pooja	P	P	P	P	P	P
52	21Q61A0552	Chenreddy Praveen	P	P	P	P	P	P
53	21Q61A0553	Deshini Nischala Priya	P	P	P	P	P	P
54	21Q61A0554	Galipelli Alekhya	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: FOREIGN LANGUAGES- SPANISH AND LATIN

I YEAR I-SEM CSE

A.Y 2021-2022

Date: 03-01-2022 to 08-01-2022

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	Arupula Saidurgaprasad	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	30	100
14	21Q61A0514	Bollavaram Muralidhar Reddy	0	0
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	30	100
25	21Q61A0525	Dharavath Yakanna	30	100
26	21Q61A0526	Dornala Shiva Prasad	30	100
27	21Q61A0527	Dyaga Ravindher	30	100
28	21Q61A0528	Earrabothu Pradeep Reddy	0	0
29	21Q61A0529	Erramalla Srinivas	30	100
30	21Q61A0530	Gaddam Jahnavi	30	100
31	21Q61A0531	Gaddam Siddhartha	30	100
32	21Q61A0532	Gaddi Ramakrishna	30	100



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33	21Q61A0533	Gajja Vishnu Vardhan	30	100
34	21Q61A0534	Ganagani Sampath	30	100
35	21Q61A0535	Ganesh	30	100
36	21Q61A0536	Gattu Vinay Kumar	30	100
37	21Q61A0537	Rapelly Raveena	30	100
38	21Q61A0538	Avula Koushik	30	100
39	21Q61A0539	Bariga Prasanna Kumar	30	100
40	21Q61A0540	Chetlapally Bhavya	30	100
41	21Q61A0541	D Uday Kumar	30	100
42	21Q61A0542	Gottimukkula Lahari	30	100
43	21Q61A0543	Aadireddy Kiran Teja	30	100
44	21Q61A0544	Akkenapally Pravin Durigaiah	30	100
45	21Q61A0545	Anugu Rohith Reddy	30	100
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47	21Q61A0547	Banda Harish Yadav	30	100
48	21Q61A0548	Barla Sri Kodanda Varma	30	100
49	21Q61A0549	Bethala Keerthi	30	100
50	21Q61A0550	Bobbali Revathi	30	100
51	21Q61A0551	Bodige Pooja	30	100
52	21Q61A0552	Chenreddy Praveen	30	100
53	21Q61A0553	Deshini Nischala Priya	30	100
54	21Q61A0554	Galipelli Alekhya	30	100


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Head of the Department
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 18.01.2021

PROGRAM REPORT

Name of Value Added Course: Foreign Languages

Day/Duration: 30 Hours

Time: 09:30 AM to 04:00 PM

Resource Person: Dr.K.Shyam Sunder, Subject Expert, EDUNET Foundation.

Name of the Coordinator: Mrs.CH.Sushma, Assistant Professor.

Number of the Participants: 52


Topics covered: The following topics covered in this program

1. Language in context.
2. Research methodology
3. Theory of Literature.
4. Micro Languages for Hospitality and Tourism Purposes.
5. Spanish and Latin American Culture and Civilization.


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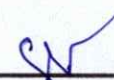
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.ALEKHYA** Bearing roll number **21Q61A0554** from the department of Basic Sciences and Humanities completed the value added course on **"FOREIGN LANGUAGES-SPANISH AND LATIN"** During the year **2021-2022**.


Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology,
Gunthapally (VIII), Abdullapur Met (Mdl),
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CO ORDINATOR
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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 **A.SHIVANI** Bearing roll number **21Q61A0501** from the department of Basic Sciences and Humanities completed the value added course on **"FOREIGN LANGUAGES-SPANISH AND LATIN"** During the year **2021-2022**.


Head of The Department

Head of the Department
Humanities & Sciences
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.


Co-Ordinator

Co-Ordinator
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
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PRINCIPAL

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/SEM/I/02

Date: 24.01.2022

CIRCULAR

This is to inform all the I B.Tech EEE&MECH students that the Department organizing a value added course on "Enhancement of Communication Skills" Department Advisory Committee has been identified **Dr.P.Sundeep, Assistant Professor, Department of BSH** as a resource person for this course. The course is scheduled to run for 06 days from 31.01.2022 to 05.02.2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


Head of the Department
HOD
Humanities & Sciences
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District:

Copy to:

The Principal, for kind information

IQAC

Notice Board

I.B. Tech EEE& MECH students

Dept. file


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

ABOUT THE COURSE

This constructive communication course aims to help learners develop interpersonal skills and improve interactions and learn how they can formulate and communicate their thoughts in clear ways to be understood.

COURSE OBJECTIVES

- To make the students confident of speaking in English impeccably and with utmost enthusiasm.
- To familiarize the students with different styles of communication.
- To enlighten the students with the seven concepts of communication.
- To make the students understand the nuances of communication.
- To train the students and make them comprehend various aspects of Interview skills.

EXPECTED OUTCOMES

At the end of the course, the students would be able to:

- Practice different types of Communication.
- Involve in conversations without fear, shy and apprehension.
- Successfully confront the different barriers of communication.
- Socialize with ease and comfort.
- Become more self-confident and develop strong determination.

Resource Person
Dr.Sundeep
Assistant Professor
Department of H&S

Co-ordinator
Mr.N.Ramesh
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION: 29th JAN, 2022



AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE, Recpt by Govt of TS and Affiliated to JNTU(H)



VALUE ADD-ON COURSE ON “ENHANCEMENT OF COMMUNICATION SKILLS”

31st JAN TO 05th FEB 2022

Duration of the course: 30 HRS

VENUE:
SEMINAR HALL

ORGANIZED BY :
DEPARTMENT OF HUMANITIES AND
SCIENCE





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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ENHANCEMENT OF COMMUNICATION SKILLS

VALUE ADDED COURSE SYLLABUS

B.TECH I YERA-I SEM EEE& MECH

ACADEMIC YEAR: 2021-22

Course objectives:

- To make the students confident of speaking in English impeccably and with utmost enthusiasm.
- To familiarize the students with different styles of communication.
- To enlighten the students with the seven concepts of communication.
- To make the students understand the nuances of communication.
- To train the students and make them comprehend various aspects of Interview skills.

Course Outcome:

At the end of the course, the students would be able to:

- Develop knowledge, skills, and judgment around human communication that facilitate their ability to work collaboratively with others.
- Understand and practice different techniques of communication.
- Practice and adhere to the 7Cs of Communication.
- Familiarize with different types of Communication.
- Understand and practice Interview Etiquettes.

Unit I:

- Communication: An Introduction
- Definition and Scope
- Process of Communication
- Barriers to Communication (semantic/linguistic, physical, psychological, socio-cultural)/ Overcoming Barriers
- Verbal/Non-Verbal Communication

Unit II: Soft Skills

- Introduction to Soft Skills
- Personality Development/Emotional Intelligence
- Time Management/leadership Skills
- Interpersonal relations/Public Speaking
- Facing Interviews/ Group Discussion/Presentation Skills

Unit III: Writing Skills

- Letter Writing- Formal and Informal
- CV, Email, Message
- Minutes, Report Writing
- Notice, Memoranda


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- Short Speech

REFERENCE BOOKS:

- Afrikaans Handbook & Study Guide – Beryl Lutrin.
- Collins easy learning French dictionary.
- Get by in Spanish – Jane Freeland.


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ENHANCEMENT OF COMMUNICATION SKILLS


ACADEMIC YEAR: 2021-22

Date: 24.01.2022

B.TECH. I YERA-I SEM EEE& MECH

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	31.01.2022	Communication: An Introduction Definition and Scope Process of Communication	09:30 am to 04.00 pm	5 hour
2	01.02.2022	Barriers to Communication	09:30 am to 04.00 pm	5 hour
3	02.02.2022	Personality Development/Emotional Intelligence Time Management/leadership Skills	09:30 am to 04.00 pm	5 hour
4	03.02.2022	Facing Interviews/ Group Discussion/Presentation Skills	09:30 am to 04.00 pm	5 hour
5	04.02.2022	Letter Writing- Formal and Informal	09:30 am to 04.00 pm	5 hour
6	05.02.2022	CV, Email, Message Minutes, Report Writing Minutes, Report Writing Notice, Memoranda Short Speech	09:30 am to 04.00 pm	5 hour
Total – 30 hours				


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR –I SEM EEE

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	Enhancement of Communication Skills	BREAK	Enhancement of Communication Skills	LUNCH	Enhancement of Communication Skills	BREAK	Enhancement of Communication Skills
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	Enhancement of Communication Skills	BREAK	Enhancement of Communication Skills	LUNCH	Enhancement of Communication Skills	BREAK	Enhancement of Communication Skills
TUE							
WED							
THU							
FRI							
SAT							


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ENHANCEMENT OF
COMMUNICATION SKILLS

I YEAR I-SEM EEE


ENROLLED STUDENTS LIST

Date: 31-01-2022 to 05-02-2022

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	Karmankar Ambadas
8	21Q61A0208	Nimmanagoti Pavani
9	21Q61A0209	Nunavath Rahul Pramod
10	21Q61A0210	Puchakayala Upendar
11	21Q61A0211	Rachabanti Murali
12	21Q61A0212	D Sharath Chandra
13	21Q61A0213	Kandula Rajnikanth
14	21Q61A0214	U Shiva
15	21Q61A0301	Baindla Bhanu Prasad
16	21Q61A0302	Mandula Naveen
17	21Q61A0303	Sarolla Praveen Goud
18	21Q61A0304	Varimadla Ajay Kumar
19	21Q61A0305	Alakuntla Bharath
20	21Q61A0306	Bollam Jaya Krishna
21	21Q61A0307	Parsham Kalyan
22	21Q61A0308	Puliyala Raghavendra
23	21Q61A0309	Saurabh Singh


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The Students of I-Year B.Tech Certificate Program Attending "Enhancement of Communication Skills" By the Resource Person "Dr.P.Sundeep, Assistant Professor.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ENHANCEMENT OF
COMMUNICATION SKILLS

I YEAR I-SEM EEE&MECH A.Y 2021-2022 Date: 24-01-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	31.01.22	01.02.22	02.02.22	03.02.22	04.02.22	05.02.22
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	P	P	P	P	P	P
6	21Q61A0206	Jammala Vijay Kumar	P	P	P	P	P	P
7	21Q61A0207	Karmankar Ambadas	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	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	21Q61A0301	Baindla Bhanu Prasad	P	P	P	P	P	P
16	21Q61A0302	Mandula Naveen	P	P	P	P	P	P
17	21Q61A0303	Sarolla Praveen Goud	P	P	P	P	P	P
18	21Q61A0304	Varimadla Ajay Kumar	P	P	P	P	P	P
19	21Q61A0305	Alakuntla Bharath	P	P	P	P	P	P
20	21Q61A0306	Bollam Jaya Krishna	P	P	P	P	P	P
21	21Q61A0307	Parsham Kalyan	P	P	P	P	P	P
22	21Q61A0308	Puliyala Raghavendra	P	P	P	P	P	P
23	21Q61A0309	Saurabh Singh	P	P	P	P	P	P

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Head of HOD Department

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ENHANCEMENT OF COMMUNICATION SKILLS

I YEAR I-SEM EEE&MECH

A.Y 2021-2022

Date: 31-01-2022 to 05-02-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0201	Amgoth Shiva	30	100
2	21Q61A0202	Banothu Naresh	30	100
3	21Q61A0203	Banothu Rajesh	30	100
4	21Q61A0204	Boyapalli Shiva	30	100
5	21Q61A0205	Iethamraju Manikanta	30	100
6	21Q61A0206	Jammala Vijay Kumar	30	100
7	21Q61A0207	Karmankar Ambadas	30	100
8	21Q61A0208	Nimmanagoti Pavani	30	100
9	21Q61A0209	Nunavath Rahul Pramod	30	100
10	21Q61A0210	Puchakayala Upendar	30	100
11	21Q61A0211	Rachabanti Murali	30	100
12	21Q61A0212	D Sharath Chandra	30	100
13	21Q61A0213	Kandula Rajnikanth	30	100
14	21Q61A0214	U Shiva	30	100
15	21Q61A0301	Baindla Bhanu Prasad	30	100
16	21Q61A0302	Mandula Naveen	30	100
17	21Q61A0303	Sarolla Praveen Goud	30	100
18	21Q61A0304	Varimadla Ajay Kumar	30	100
19	21Q61A0305	Alakuntla Bharath	30	100
20	21Q61A0306	Bollam Jaya Krishna	30	100
21	21Q61A0307	Parsham Kalyan	30	100
22	21Q61A0308	Puliyala Raghavendra	30	100
23	21Q61A0309	Saurabh Singh	30	100

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 10.02.2022

PROGRAM REPORT

Name of Value Added Course: Enhancement of Communication Skills

Day/Duration: 30 Hours

Time: 10:00 AM to 04:00 PM

Resource Person: Dr.P.Sundeeep, Assistant Professor.

Name of the Coordinator: Mr.N.Ramesh, Assistant Professor.

Number of the Participants: 23

Topics covered: The following topics covered in this program

1. Communication Language.
2. Barriers to Communication
3. Soft Skills
4. Facing Interviews/ Group Discussion.
5. Writing Skills.


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Department of Basic Sciences and Humanities


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.SHIVA** Bearing roll number **21Q61A0201** from the department of Basic Sciences and Humanities completed the value added course on **"ENHANCEMENT OF COMMUNICATION SKILLS"** During the year **2021-2022**.



Head of The Department
Head of the Department
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.KALYAN** Bearing roll number **21Q61A0307** from the department of Basic Sciences and Humanities completed the value added course on "**ENHANCEMENT OF COMMUNICATION SKILLS**" During the year **2021-2022**.


Head of The Department

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/SEM/I/03

Date: 16.02.2022

CIRCULAR

This is to inform all the I B.Tech CSE students that the Department organizing a value added course on "GEO PHYSICS" The course is scheduled to run for 06 days from 21.02.2022 to 26.02.2022. 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.A.Mallikarjun, Assistant Professor, and Department of BSH with Brilliant Institute of Engineering & Technology.

HOD

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Copy to:

The Principal, for kind information

IQAC

Notice Board

I.B. Tech CSE students

Dept. file

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ABOUT THE COURSE

Geophysics incorporates a wide range of specialized fields of study. Some of the topics that you can cover in a geophysics course include: Geophysical methods: Methods used in exploration and research, including seismic surveys, gravity and magnetic surveys, electrical resistivity methods, and ground-penetrating radar.

COURSE OBJECTIVES

The course objectives of a geophysics course can vary depending on the level and specific focus of the course, but some common objectives may include:

1. Understanding Earth's subsurface: To study and gain insights into the structure and composition of the Earth's subsurface, including the distribution of rocks, minerals, and fluids.
2. Data acquisition and interpretation: To learn methods of collecting geophysical data using techniques such as seismic surveys, electromagnetic surveys, and gravity measurements, and to interpret this data to make inferences about subsurface properties.
3. Exploration and resource assessment: To apply geophysical methods for locating valuable resources like minerals, oil, and groundwater, and assessing their quantities and qualities.
4. Environmental and hazard assessment: To use geophysics for assessing and mitigating environmental issues, such as groundwater contamination, and for understanding natural hazards like earthquakes and volcanic eruptions.

5. Geophysical instrumentation: To become familiar with the equipment and technology used in geophysics, including seismometers, gravimeters, magnetometers, and ground-penetrating radar

EXPECTED OUTCOMES

- Explain the basic physical principles of geophysical exploration methods.
- Demonstrate how geophysical methods can be applied for ore deposit exploration and characterization
- Select appropriate geophysical exploration techniques suitable for a range of different geological environments and ore deposit types.
- Manage a range of geophysical datasets as applied to ore deposit exploration and characterization



G E O P H Y S I C S

VALUE ADD-ON COURSE ON

“GEO PHYSICS”

21st FEB TO 26th FEB, 2022

Duration of the course: 30 HRS

Resource Person
Mr.A.Mallikarjun
Subject Expert
Brilliant College

Co-ordinator
Mrs.D.Asha Jyothy
Assistant Professor
Department of H&S

Handwritten signature
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Avanthi Institute of Engg. & Tech
Guthapally (V), Abudullapurmet (Mdt), K.R. Dist

ORGANIZED BY :
DEPARTMENT OF HUMANITIES AND SCIENCE



LAST DATE FOR REGISTRATION: 19th FEB, 2022



DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: GEO PHYSICS

VALUE ADDED COURSE SYLLABUS

B.TECH I YERA-I SEM CSE

ACADEMIC YEAR: 2021-22

Course objectives:

- To know the basic of geology, its scope and its various branches
- To introduce fundamental aspects of Earth and Planetary system and its related changes with time. This
- course will emphasize the knowledge on the solar system and planets, Geological time-scale
- To associate the naturally occurring landforms with erosive and depositional action of the rivers, wind and glaciers.
- To know the various processes of weathering and the processes resulting in their formation of soil.

Course Outcome:

By the end of this course, students will be able to:

- Demonstrate proficiency in common practical skills in geophysics;
- describe the difference between a potential field, diffusive field, and a wave field
- Explain how geophysics is used to predict rock chemistry and/or mineralogy
- Develop relationships for characteristic temporal and spatial scales from more complex mathematical relationships;
- Design an appropriate set of geophysical surveys to investigate a potential subsurface target.

Unit-I: Physical and Structural Geology: Introduction to geology, scope, sub disciplines and relationships with other branches of science, weathering agents, landslides and volcanic activity, Representation of altitude, Dip and strike, outcrops, outlier and inliers, Folds, faults, unconformities, joints and their classification, criteria of their recognition, clinometers compass and its use.

Unit-II: Mineralogy: Mineral – its definition and mode of occurrence, physical properties of minerals like form, color, luster, streak, cleavage, fracture, hardness and specific gravity, Physical characters and chemical composition of the following rock forming minerals : Quartz, Orthoclase, Microcline, Plagioclase , Nepheline, Muscovite, Biotite, Augite, Hornblende, Olivine, Garnet, Epidotic, Calcite and Beryl, graphite, tourmaline, talc, Kaolinite, Kyanite and Corundum.

Unit-III: Petrology : Rock- its definition, classification and distinguishing characteristics of Igneous, Sedimentary and Metamorphic rocks forms of Igneous rocks, elementary ideas regarding formation, texture and structure of Igneous, Sedimentary and Metamorphic rocks, brief petro graphic description and occurrences of the following rocks: Granite, Syenite, Gabbro, Rhyolite, Dolerite, Basalt, Conglomerate, Breccia, Sandstone, Limestone, Shale, Gneiss, Schist, Quartzite and Marble, Formation of rocks in plate tectonic settings.



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TEXT BOOKS:

1. Berry & Mason: Mineralogy
2. Billings: Structural Geology
3. Mukherjee : A Text Book of Geology
4. Read & Rutley's : Elements of Mineralogy
5. Singh: Stuctural Geology: A Practical Approach
6. Smith: Minerals and Microscope


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Ranga Reddy Dist, Telangana.


Head of the Department
HOD
Humanities & Sciences

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: GEO PHYSICS

ACADEMIC YEAR: 2021-22


Date: 16.02.2022

B.TECH. I YERA-I SEM CSE

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	21.02.22	Introduction to geology, scope, sub disciplines and relationships with other branches of science,.	09:30 AM to 04.00 PM	5 hour
2	22.02.22	Weathering agents, landslides and volcanic activity, Representation of altitude, Dip and strike, outcrops, outlier and inliers, Folds.	09:30 AM to 04.00 PM	5 hour
3	23.02.22	Mineral – its definition and mode of occurrence, physical properties of minerals like form, color, luster,.	09:30 AM to 04.00 PM	5 hour
4	24.02.22	streak, cleavage, fracture, hardness and specific gravity, Physical characters and chemical composition of the following rock forming minerals	09:30 AM to 04.00 PM	5 hour
5	25.02.22	Rock- its definition, classification and distinguishing characteristics of Igneous, Sedimentary and Metamorphic rocks forms of Igneous rocks, elementary ideas	09:30 AM to 04.00 PM	5 hour
6	26.02.22	regarding formation, texture and structure of Igneous, Sedimentary and Metamorphic rocks, brief petro graphic description and occurrences of the following rocks	09:30 AM to 04.00 PM	5 hour
Total – 30 Hours				


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR –I SEM 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	GEO PHYSICS	BREAK	GEO PHYSICS	LUNCH	GEO PHYSICS	BREAK	GEO PHYSICS
TUE							
WED							
THU							
FRI							
SAT							


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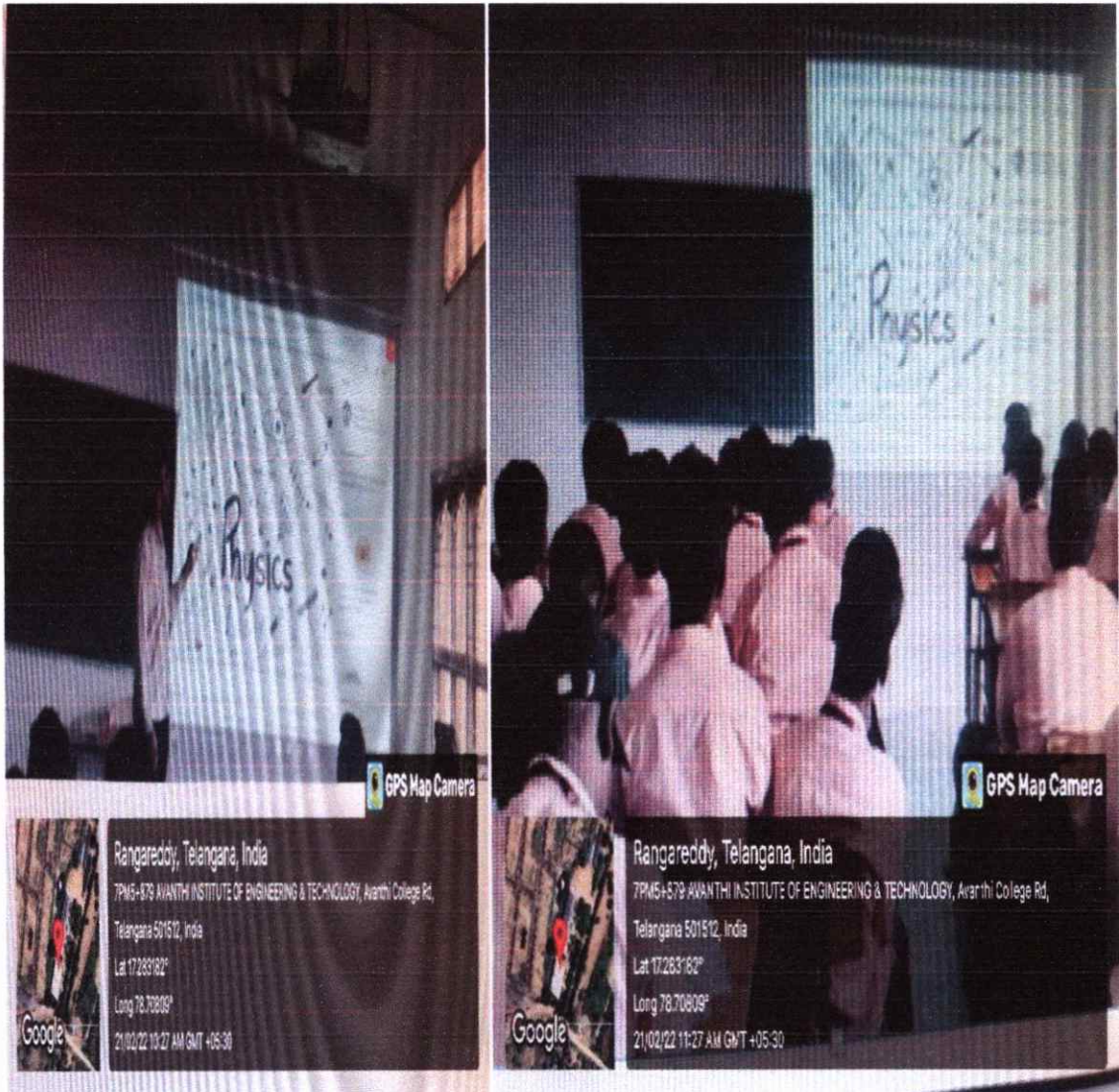
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The Students of I-Year B.Tech certificate program attending "Geo Physics" by the Resource Person "Mr.A.Mallikarjun, Assistant Professor".


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **GEO PHYSICS**

I YEAR I-SEM CSE ENROLLED STUDENTS LIST Date: 21-02-2022 to 26-02-2022

S.No	Roll Number	Name of The Student
1	21Q61A0555	Mallela Deepak
2	21Q61A0556	Kajjam Sai Dileep
3	21Q61A0557	Kandhi Nithisha
4	21Q61A0558	Kodari Venkatesh
5	21Q61A0559	Kokku Harshitha
6	21Q61A0560	Kokkula Jagruth
7	21Q61A0561	Gummadi Steven Paul
8	21Q61A0562	Inapanuri Rakesh
9	21Q61A0563	Jakku Akshaya
10	21Q61A0564	Jereddy Manoj Kumarreddy
11	21Q61A0565	K Anil Kumar
12	21Q61A0566	K Rahul
13	21Q61A0567	Kadathala Harika
14	21Q61A0568	Kalwacharla Alekya
15	21Q61A0569	Kanakatla Shivakumar
16	21Q61A0570	Kasarapu Rajesh
17	21Q61A0571	Kasarla Madhu Sudhan Reddy
18	21Q61A0572	Kashamoni Nikitha
19	21Q61A0573	Keesari Vipul Reddy
20	21Q61A0574	Koli Ishika
21	21Q61A0575	Kommula Laxmi Prasanna
22	21Q61A0576	Kondapally Kavya
23	21Q61A0577	Konderu Jai Surya Narayana
24	21Q61A0578	Kosuna Sathwika
25	21Q61A0579	Lakavath Vishnu
26	21Q61A0580	Machagiri Vijay Kumar
27	21Q61A0581	Macharla Rohith
28	21Q61A0582	Malloori Karthikeya
29	21Q61A0583	Maloth Rajesh
30	21Q61A0584	Maredi Tejashhwini
31	21Q61A0585	Mattela Dinesh
32	21Q61A0586	Mittapally Soumya
33	21Q61A0587	Mohammed Fateen Yousuf Ali
34	21Q61A0588	Mohammed Parvez



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35	21Q61A0589	Mohd Sufyan
36	21Q61A0590	Nara Bhanu Prakash
37	21Q61A0591	Narra Anand
38	21Q61A0592	Nelikanti Archana
39	21Q61A0593	Nelli Sandeep Kumar
40	21Q61A0594	Nikhil Sahani
41	21Q61A0595	Nunna Keerthi
42	21Q61A0596	Palle Anusha
43	21Q61A0597	Pedada Hari
44	21Q61A0598	Peram Venkata Siva Reddy
45	21Q61A0599	Perka Yuvaraj
46	21Q61A05A0	Kunduru Prathyusha
47	21Q61A05A1	Lade Achyuth Kumar
48	21Q61A05A2	Mamata Yadav
49	21Q61A05A3	Mulagundla Sowjanya
50	21Q61A05A4	Munjuluri Veeresh Kumar
51	21Q61A05A5	Konda Nithin Reddy
52	21Q61A05A6	Kota Karthik
53	21Q61A05A7	Kurimilla Narendhar

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **GEO PHYSICS**

I YEAR I-SEM CSE

A.Y 2021-2022

Date: 16-02-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	21.02.22	22.02.22	23.02.22	24.02.22	25.02.22	26.02.22
1	21Q61A0555	Mallela Deepak	P	P	P	P	P	P
2	21Q61A0556	Kajjam Sai Dileep	P	P	P	P	P	P
3	21Q61A0557	Kandhi Nithisha	P	P	P	P	P	P
4	21Q61A0558	Kodari Venkatesh	P	P	P	P	P	P
5	21Q61A0559	Kokku Harshitha	P	P	P	P	P	P
6	21Q61A0560	Kokkula Jagruth	P	P	P	P	P	P
7	21Q61A0561	Gummadi Steven Paul	P	P	P	A	P	P
8	21Q61A0562	Inapanuri Rakesh	P	P	P	P	P	P
9	21Q61A0563	Jakku Akshaya	P	P	P	P	P	P
10	21Q61A0564	Jereddy Manoj Kumarreddy	P	P	P	P	P	P
11	21Q61A0565	K Anil Kumar	P	P	P	P	P	P
12	21Q61A0566	K Rahul	P	P	P	P	P	P
13	21Q61A0567	Kadathala Harika	P	P	P	P	P	P
14	21Q61A0568	Kalwacharla Alekya	P	P	P	P	P	P
15	21Q61A0569	Kanakatla Shivakumar	P	P	P	P	P	P
16	21Q61A0570	Kasarapu Rajesh	P	P	P	P	P	P
17	21Q61A0571	Kasarla Madhu Sudhan Reddy	P	P	P	P	P	P
18	21Q61A0572	Kashamoni Nikitha	P	P	P	P	P	P
19	21Q61A0573	Keesari Vipul Reddy	P	P	P	P	P	P
20	21Q61A0574	Koli Ishika	P	P	P	P	P	P
21	21Q61A0575	Kommula Laxmi Prasanna	P	P	P	P	P	P
22	21Q61A0576	Kondapally Kavya	P	P	P	P	P	P
23	21Q61A0577	Konderu Jai Surya Narayana	P	P	P	P	P	P
24	21Q61A0578	Kosuna Sathwika	P	P	P	P	P	P
25	21Q61A0579	Lakavath Vishnu	A	A	A	A	A	A
26	21Q61A0580	Machagiri Vijay Kumar	P	P	P	P	P	P
27	21Q61A0581	Macharla Rohith	P	P	P	P	P	P
28	21Q61A0582	Malloori Karthikeya	P	P	P	P	P	P
29	21Q61A0583	Maloth Rajesh	P	P	P	P	P	P
30	21Q61A0584	Maredi Tejashwini	P	P	P	P	P	P
31	21Q61A0585	Mattela Dinesh	P	P	P	P	P	P
32	21Q61A0586	Mittapally Soumya	P	P	A	P	P	P
33	21Q61A0587	Mohammed Fateen Yousuf Ali	P	P	P	P	P	P
34	21Q61A0588	Mohammed Parvez	P	P	P	P	P	P
35	21Q61A0589	Mohd Sufyan	P	P	P	P	P	P
36	21Q61A0590	Nara Bhanu Prakash	P	P	P	P	P	P
37	21Q61A0591	Narra Anand	P	P	P	P	P	P
38	21Q61A0592	Nelikanti Archana	P	P	P	P	P	P



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39	21Q61A0593	Nelli Sandeep Kumar	P	P	P	P	P	P
40	21Q61A0594	Nikhil Sahani	P	P	P	P	P	P
41	21Q61A0595	Nunna Keerthi	P	P	P	P	P	P
42	21Q61A0596	Palle Anusha	P	P	P	P	P	P
43	21Q61A0597	Pedada Hari	P	P	P	P	P	P
44	21Q61A0598	Peram Venkata Siva Reddy	P	P	P	P	P	P
45	21Q61A0599	Perka Yuvaraj	P	P	P	P	P	P
46	21Q61A05A0	Kunduru Prathyusha	P	P	P	P	P	P
47	21Q61A05A1	Lade Achyuth Kumar	P	P	P	P	P	P
48	21Q61A05A2	Mamata Yadav	P	P	P	P	P	P
49	21Q61A05A3	Mulagundla Sowjanya	P	P	P	P	P	P
50	21Q61A05A4	Munjuluri Veeresh Kumar	P	P	P	P	P	P
51	21Q61A05A5	Konda Nithin Reddy	A	A	A	A	A	A
52	21Q61A05A6	Kota Karthik	P	P	P	P	P	P
53	21Q61A05A7	Kurimilla Narendhar	P	P	P	P	P	P


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **GEO PHYSICS**

I YEAR I-SEM CSE

A.Y 2021-2022

Date: 21-02-2022 to 26-02-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0555	Mallela Deepak	30	100
2	21Q61A0556	Kajjam Sai Dileep	30	100
3	21Q61A0557	Kandhi Nithisha	30	100
4	21Q61A0558	Kodari Venkatesh	30	100
5	21Q61A0559	Kokku Harshitha	30	100
6	21Q61A0560	Kokkula Jagruth	30	100
7	21Q61A0561	Gummadi Steven Paul	25	83.3
8	21Q61A0562	Inapanuri Rakesh	30	100
9	21Q61A0563	Jakku Akshaya	30	100
10	21Q61A0564	Jerreddy Manoj Kumarreddy	30	100
11	21Q61A0565	K Anil Kumar	30	100
12	21Q61A0566	K Rahul	30	100
13	21Q61A0567	Kadathala Harika	30	100
14	21Q61A0568	Kalwacharla Alekya	30	100
15	21Q61A0569	Kanakatla Shivakumar	30	100
16	21Q61A0570	Kasarapu Rajesh	30	100
17	21Q61A0571	Kasarla Madhu Sudhan Reddy	30	100
18	21Q61A0572	Kashamoni Nikitha	30	100
19	21Q61A0573	Keesari Vipul Reddy	30	100
20	21Q61A0574	Koli Ishika	30	100
21	21Q61A0575	Kommula Laxmi Prasanna	30	100
22	21Q61A0576	Kondapally Kavya	30	100
23	21Q61A0577	Konderu Jai Surya Narayana	30	100
24	21Q61A0578	Kosuna Sathwika	30	100
25	21Q61A0579	Lakavath Vishnu	0	0
26	21Q61A0580	Machagiri Vijay Kumar	30	100
27	21Q61A0581	Macharla Rohith	30	100
28	21Q61A0582	Malloori Karthikeya	30	100
29	21Q61A0583	Maloth Rajesh	30	100
30	21Q61A0584	Maredi Tejashwini	30	100
31	21Q61A0585	Mattela Dinesh	30	100
32	21Q61A0586	Mittapally Soumya	25	83.3
33	21Q61A0587	Mohammed Fateen Yousuf Ali	30	100



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34	21Q61A0588	Mohammed Parvez	30	100
35	21Q61A0589	Mohd Sufyan	30	100
36	21Q61A0590	Nara Bhanu Prakash	30	100
37	21Q61A0591	Narra Anand	30	100
38	21Q61A0592	Nelikanti Archana	30	100
39	21Q61A0593	Nelli Sandeep Kumar	30	100
40	21Q61A0594	Nikhil Sahani	30	100
41	21Q61A0595	Nunna Keerthi	30	100
42	21Q61A0596	Palle Anusha	30	100
43	21Q61A0597	Pedada Hari	30	100
44	21Q61A0598	Peram Venkata Siva Reddy	30	100
45	21Q61A0599	Perka Yuvaraj	30	100
46	21Q61A05A0	Kunduru Prathyusha	30	100
47	21Q61A05A1	Lade Achyuth Kumar	30	100
48	21Q61A05A2	Mamata Yadav	30	100
49	21Q61A05A3	Mulagundla Sowjanya	30	100
50	21Q61A05A4	Munjuluri Veeresh Kumar	30	100
51	21Q61A05A5	Konda Nithin Reddy	0	0
52	21Q61A05A6	Kota Karthik	30	100
53	21Q61A05A7	Kurimilla Narendhar	30	100


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 03.03.2022

PROGRAM REPORT

Name of Value Added Course: Geo Physics

Day/Duration: 30 Hours

Time: 09:30 AM to 04:00 PM

Resource Person: Mr.A.Mallikarjun, Subject Expert, Brilliant College

Name of the Coordinator: Mrs.D.Asha Jyothy, Assistant Professor.


Number of the Participants: 51

Topics covered: The following topics covered in this program

- Physical Geology
- Structural Geology
- Mineralogy.
- Petrology.
- Quartz, Orthoclase


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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.ANAND** Bearing roll number **21Q61A0591** from the department of Basic Sciences and Humanities completed the value added course on "**GEO PHYSICS**" During the year **2021-2022**.


Head of the Department

Head of The Department

Avanthi Institute of Engineering & Technology
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Co-Ordinator

Avanthi Institute of Engineering & Technology,
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Principal

PRINCIPAL
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.DEEPAK** Bearing roll number **21Q61A0555** from the department of Basic Sciences and Humanities completed the value added course on "**GEO PHYSICS**" During the year **2021-2022**.


Head of The Department

Avanthi Institute of Engineering & Technology
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Co-Ordinator

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/SEM/I/04

Date: 23.03.2022

CIRCULAR

This is to inform all the I B.Tech CSE students that the Department organizing a value added course on "GREEN CHEMISTRY" Department Advisory Committee has been identified **Dr.K.Shailaja, Assistant Professor, Department of BSH** as a resource person for this course. The course is scheduled to run for 06 days from 28.03.2022 to 02.04.2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.


HOD

Head of the Department
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Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdi),
Ranga Reddy District.

Copy to:

The Principal, for kind information

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I.B. Tech CSE students

Dept. file


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

ABOUT THE COURSE

The Focus in Green Chemistry provides students with the opportunity to emphasize green chemistry as part of any chemistry specialist or major program they are enrolled in. An understanding of green chemistry principles is integral to meeting several of the United Nations Sustainable Development Goals, particularly those centered around affordable energy, climate action, clean water and sanitation, responsible consumption and production, and good well-being. As such, green chemistry broadly concerns the design and redesign of products and processes to reduce their impact on human health and the environment.

COURSE OBJECTIVES

One of the objectives of this course is to provide the student knowledge about the principles for Green Chemistry. Central topics will include the reduction of waste, use of renewables, catalysis, substitution of hazardous and dangerous chemicals with more benign alternatives etc.

EXPECTED OUTCOMES

Upon completing the course, the candidate should have obtained the following learning outcome:

- Knowing the 12 principles of Green Chemistry.
- Be able to describe classes of the most important chemicals (both organic and inorganic) that are hazardous/dangerous for human and animal health, and the environment.
- Identification of greener solvents and recycling of these including catalysts.
- Calculate the atomic efficiency and E-factors of chemical reactions and processes.

Resource Person

Dr.K.Shailaja

Assistant Professor
Department of H&S

Co-ordinator

Mr.K.Raja Manohar

Assistant Professor
Department of H&S



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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VALUE ADD-ON COURSE ON "GREEN CHEMISTRY"

28th MAR TO 02nd APR,2022

Duration of the course:30 HRS

ORGANIZED BY :

DEPARTMENT OF HUMANITIES AND
SCIENCE



PRINCIPAL
Avanathi Institute of Engg. & Tech
Guntihampally (V), 4bdullapurmet (M.D), S.P. Dist

LAST DATE FOR REGISTRATION:26th MAR,2022



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NAAC "B++" Accredited Institute

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: GREEN CHEMISTRY

VALUE ADDED COURSE SYLLABUS

B.TECH I YERA-I SEM CSE

ACADEMIC YEAR: 2021-22

Course objectives:

- To know the basic of geology, its scope and its various branches
- To introduce fundamental aspects of Earth and Planetary system and its related changes with time. This
- course will emphasize the knowledge on the solar system and planets, Geological time-scale
- To associate the naturally occurring landforms with erosive and depositional action of the rivers, wind and glaciers.
- To know the various processes of weathering and the processes resulting in their formation of soil.

Course Outcome:

By the end of this course, students will be able to:

- Develop and demonstrate knowledge pertaining to the background and development of Green Chemistry
- Understand and apply knowledge of the common metrics used in Green Chemistry applications.
- Understand and apply knowledge of introductory green chemical synthetic methods, choice of solvents, atom economy, and sustainable raw materials.
- Understand and explain selected real world examples of Green Chemistry including applications in the clothing industry, insecticides, pharmaceutical manufacture and anti-fouling agents.
- Understand and apply the concepts of biocatalysis, with selected examples including the sustainable synthesis of adipic.

Unit-I: Introduction and overview: Toxicity of chemicals Accidents with chemicals Waste and minimization Sustainability (including social, political & economic factors) the green political movement the role and responsibilities of chemists.

Unit-II: Principles of Green Chemistry: Waste Minimization/Prevention. Establishing a full mass balance. Waste treatment/recycle Synthetic Efficiency. Green Chemistry Metrics. Individual Reactions Analysis. Atom Economy, E-factor, & Reaction Mass Efficiency (RME) Radial Pentagon "Material Footprint" Criteria for Recycling & Reclaiming Materials Minimum Atom Economy & Maximum E-factor Analysis Probability Analysis for Achieving RME Target Thresholds Survey of Organic Reaction Classes Synthesis Plans Analysis: Synthesis Tree Algorithms for Linear and Convergent Plans Raw Material Cost Estimate Material Efficiency & Synthetic Elegance Ranking Parameters Optimization & Good Synthesis Strategies Illustrated & Detailed Survey of Example Plans for Pharmaceuticals Trade off with economics Less Hazardous Materials in Synthesis.

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Unit-III: Designing Safer Products: Safer Solvents and Auxiliaries. Critical review of organic solvents typically used Critical review of: ionic liquids, scCO₂, water; floors phase chemistry, solvent-free /, solid phase chemistry. Examples of green reagents Energy Efficiency. Quantifying and minimizing use of utilities and, other inputs. Photochemistry, Microwave chemistry, Son chemistry, Electro synthesis, Energy Sources

Unit-IV: Renewable Feedstock's: Sustainability measures. Biomass vs Fossils Minimal Derivatisation Catalysis, Recovery, recycle, reuse. Heterogeneous. Solid acids. Template silica. Polymer-supported reagents. Homogeneous. Phase transfer. Biocatalysts. Photo catalysis Design for Degradation. Rules for degradation

Unit-V: In Process Controls: Real-time analysis. Process analytical technology (PAT) Hazard Minimization. Process safety and thermal hazards. Appreciation of chemical engineering concepts. Process intensification

TEXT BOOKS:

1. Lancaster, M. Green Chemistry: An Introductory Text, Third Edition; RSC Publishing; 2016. ISBN: 978-1-78262-294-9

CO ORDINATOR
CO ORDINATOR

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

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

Head of HOD Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.



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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: GREEN CHEMISTRY

ACADEMIC YEAR: 2021-22

Date: 23.03.2022

B.TECH. I YEAR-I SEM CSE

DAY WISE SCHEDULE SHEET


S.No	DAY	Topic	Timings	Duration
1	28.03.2022	Toxicity of chemicals Accidents with chemicals Waste and minimization Sustainability.	09.300 AM to 04.00 PM	5 hour
2	29.03.2022	Waste Minimization/Prevention. Establishing a full mass balance. Waste treatment/recycle Synthetic Efficiency. Green Chemistry Metrics.	09.300 AM to 04.00 PM	5 hour
3	30.03.2022	Criteria for Recycling & Reclaiming Materials Minimum Atom Economy & Maximum E-factor Analysis Probability Analysis for Achieving.	09.300 AM to 04.00 PM	5 hour
4	31.03.2022	Safer Solvents and Auxiliaries. Critical review of organic solvents typically used Critical review of: ionic liquids, scCO ₂ , water, floors phase chemistry.	09.300 AM to 04.00 PM	5 hour
5	01.04.2022	Sustainability measures. Biomass vs Fossils Minimal Derivatisation Catalysis, Recovery, recycle, reuse. Heterogeneous. Solid acids. Template silica.	09.300 AM to 04.00 PM	5 hour
6	02.04.2022	Real-time analysis. Process analytical technology (PAT) Hazard Minimization. Process safety and thermal hazards.	09.300 AM to 04.00 PM	5 hour
Total – 30 Hours				


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Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR-I 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	GREEN CHEMISTRY	BREAK	GREEN CHEMISTRY	LUNCH	GREEN CHEMISTRY	BREAK	GREEN CHEMISTRY
TUE							
WED							
THU							
FRI							
SAT							

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Head of ^{HOD} Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.



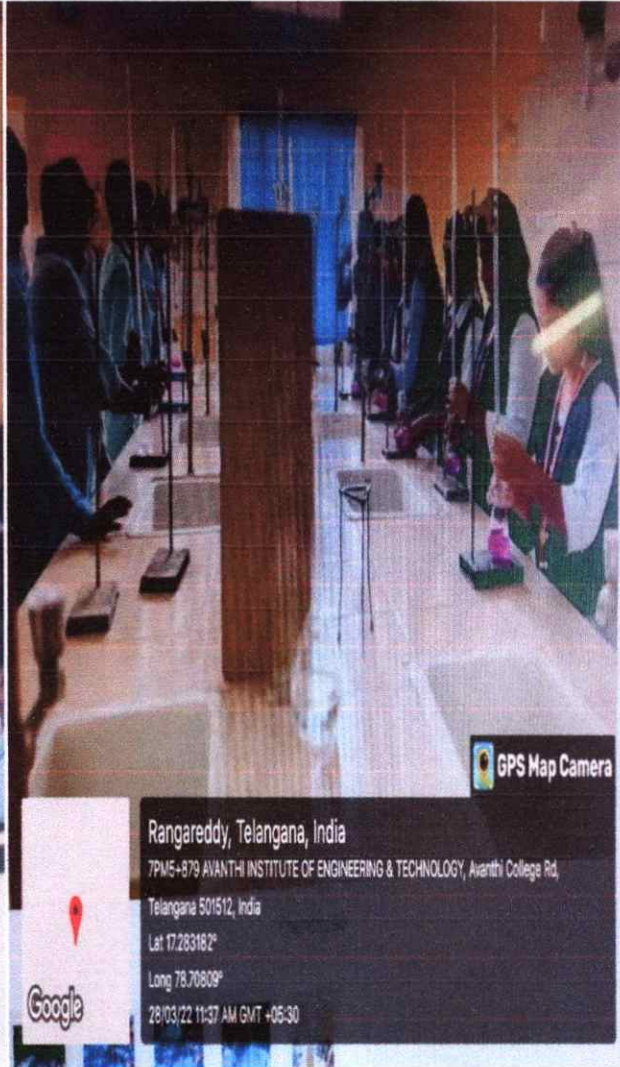
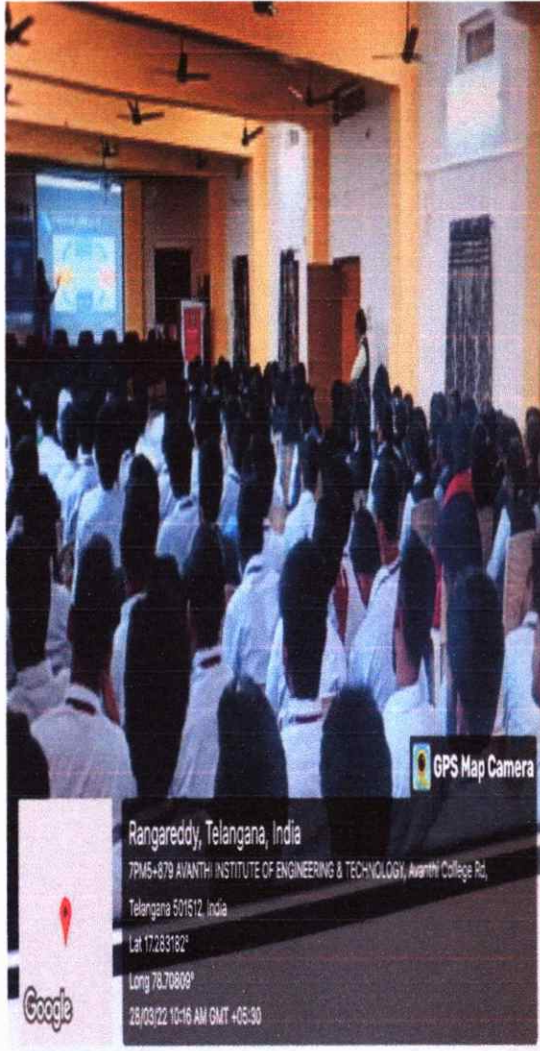
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The Students of I-Year B.Tech certificate Program attending "Green Chemistry" by the Resource Person "Dr.K.Shaliaja, Assistant Professor".

COORDINATOR
COORDINATOR

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Ranga Reddy Dist, Telangana.

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

HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **GREEN CHEMISTRY**

I YEAR I-SEM CSE ENROLLED STUDENTS LIST Date: 28-03-2022 to 02-04-2022

S.No	Roll Number	Name of The Student
1	21Q61A05A8	Mallavarapu Varaprasad
2	21Q61A05A9	Muli Gunashekar Reddy
3	21Q61A05B0	Munugoti Kodanda Ramaiah
4	21Q61A05B1	Neeradi Nishwanth
5	21Q61A05B2	Pendyala Roopesh Sai
6	21Q61A05B3	Boini Madhu
7	21Q61A05B4	Poloju Devika
8	21Q61A05B5	P Kamal
9	21Q61A05B6	Shaik Hussain Basha
10	21Q61A05B7	Shasani Rakesh Reddy
11	21Q61A05B8	T Srisha
12	21Q61A05B9	Tatiparthi Vineeth Reddy
13	21Q61A05C0	Thatipamula Vaishnav
14	21Q61A05C1	Pidaparthi Victor Teju Kumar
15	21Q61A05C2	Ragula Narender
16	21Q61A05C3	Reddimalla Sreya
17	21Q61A05C4	Ritika Dhapte
18	21Q61A05C5	Rudrarapu Harshavardhan
19	21Q61A05C6	Sadhu Kushal Reddy
20	21Q61A05C7	Samuru Harini
21	21Q61A05C8	Sattu Sreeja
22	21Q61A05C9	Shaik Irfan Khan
23	21Q61A05D0	Sheri Shivaji
24	21Q61A05D1	Soma Dinakaran
25	21Q61A05D2	Stambampally Mounika
26	21Q61A05D3	Sunkari Anil Kumar
27	21Q61A05D4	Surakanti Shanthan Reddy
28	21Q61A05D5	Talakola Sravya
29	21Q61A05D6	Talapaneni Manoj Kumar
30	21Q61A05D7	Tallela Sai Charan
31	21Q61A05D8	Tatipelly Sai Kiran
32	21Q61A05D9	Theetla Varshitha
33	21Q61A05E0	Thota Raghuvardhan
34	21Q61A05E1	Uppnunthala Abhilash



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35	21Q61A05E2	V Naveen Kumar
36	21Q61A05E3	Vachepalli Uday Kiran Reddy
37	21Q61A05E4	Vadai Bhaskar
38	21Q61A05E5	Vaddeman Narsi Reddy
39	21Q61A05E6	Vanarasi Srinu
40	21Q61A05E7	Voddineni Mounish
41	21Q61A05E8	Vulkundakar Shivaji Juhi
42	21Q61A05E9	Yata Sreekanth
43	21Q61A05F0	Patil Sai Raghavendra
44	21Q61A05F1	Punna Aditya
45	21Q61A05F2	Shetty Sujith
46	21Q61A05F3	Thammaneni Prasanth Reddy
47	21Q61A05F4	Vadthyavath Manasa
48	21Q61A05F5	Dhadi Vyshali
49	21Q61A05F6	Bondla Yavan Teja
50	21Q61A05F7	Telukutla Aditya Reddy
51	21Q61A05F8	Essapally Aravind
52	21Q61A05F9	Duddugunta Sai Krishna
53	21Q61A05G0	Nalluri Venkatapavan

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: GREEN CHEMISTRY

I YEAR I-SEM CSE

A.Y 2021-2022

Date: 23-03-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	28.03.22	29.03.22	30.03.22	31.03.22	01.04.22	02.04.22
1	21Q61A05A8	Mallavarapu Varaprasad	P	P	P	P	P	P
2	21Q61A05A9	Muli Gunashekar Reddy	P	P	P	P	P	P
3	21Q61A05B0	Munugoti Kodanda Ramaiah	P	P	P	P	P	P
4	21Q61A05B1	Neeradi Nishwanth	P	P	P	P	P	P
5	21Q61A05B2	Pendyala Roopesh Sai	P	P	P	P	P	P
6	21Q61A05B3	Boini Madhu	A	A	A	A	A	A
7	21Q61A05B4	Poloju Devika	P	P	P	P	P	P
8	21Q61A05B5	P Kamal	P	P	P	P	P	P
9	21Q61A05B6	Shaik Hussain Basha	P	P	P	P	P	P
10	21Q61A05B7	Shasani Rakesh Reddy	P	P	P	P	P	P
11	21Q61A05B8	T Srisha	P	P	P	P	P	P
12	21Q61A05B9	Tatiparthi Vineeth Reddy	P	P	P	P	P	P
13	21Q61A05C0	Thatipamula Vaishnav	P	A	P	P	P	P
14	21Q61A05C1	Pidaparthi Victor Teju Kumar	P	P	P	P	P	P
15	21Q61A05C2	Ragula Narender	P	P	P	P	P	P
16	21Q61A05C3	Reddimalla Sreya	P	P	P	P	P	P
17	21Q61A05C4	Ritika Dhapte	P	P	P	P	P	P
18	21Q61A05C5	Rudrarapu Harshavardhan	P	P	P	P	P	P
19	21Q61A05C6	Sadhu Kushal Reddy	P	P	P	P	P	P
20	21Q61A05C7	Samuru Harini	P	P	P	P	P	P
21	21Q61A05C8	Sattu Sreeja	P	P	P	P	P	P
22	21Q61A05C9	Shaik Irfan Khan	P	P	P	P	P	P
23	21Q61A05D0	Sheri Shivaji	P	P	P	P	P	P
24	21Q61A05D1	Soma Dinakaran	P	P	P	P	P	P
25	21Q61A05D2	Stambampally Mounika	P	P	P	P	P	P
26	21Q61A05D3	Sunkari Anil Kumar	P	P	P	P	P	P
27	21Q61A05D4	Surakanti Shanthan Reddy	P	P	P	P	P	P
28	21Q61A05D5	Talakola Sravya	P	P	P	P	P	P
29	21Q61A05D6	Talapaneni Manoj Kumar	P	P	P	P	P	P
30	21Q61A05D7	Tallela Sai Charan	A	A	A	A	A	A
31	21Q61A05D8	Tatipelly Sai Kiran	P	P	P	P	P	P
32	21Q61A05D9	Theetla Varshitha	P	P	P	P	P	P
33	21Q61A05E0	Thota Raghuvardhan	P	P	P	P	P	P
34	21Q61A05E1	Uppunthala Abhilash	P	P	P	P	A	P
35	21Q61A05E2	V Naveen Kumar	P	P	P	P	P	P
36	21Q61A05E3	Vachepalli Uday Kiran Reddy	P	P	P	P	P	P
37	21Q61A05E4	Vadai Bhaskar	P	P	P	P	P	P
38	21Q61A05E5	Vaddeman Narsi Reddy	P	P	P	P	P	P



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40	21Q61A05E7	Voddineni Mounish	P	P	P	P	P	P
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49	21Q61A05F6	Bondla Yavan Teja	P	P	P	P	P	P
50	21Q61A05F7	Telukutla Aditya Reddy	P	P	P	P	P	P
51	21Q61A05F8	Essapally Aravind	P	P	P	P	P	P
52	21Q61A05F9	Duddugunta Sai Krishna	P	P	P	P	P	P
53	21Q61A05G0	Nalluri Venkatapavan	P	P	P	P	P	P

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I YEAR I-SEM CSE

A.Y 2021-2022

Date: 28-03-2022 to 02-04-2022

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3	21Q61A05B0	Munugoti Kodanda Ramaiah	30	100
4	21Q61A05B1	Neeradi Nishwanth	30	100
5	21Q61A05B2	Pendyala Roopesh Sai	30	100
6	21Q61A05B3	Boini Madhu	0	0
7	21Q61A05B4	Poloju Devika	30	100
8	21Q61A05B5	P Kamal	30	100
9	21Q61A05B6	Shaik Hussain Basha	30	100
10	21Q61A05B7	Shasani Rakesh Reddy	30	100
11	21Q61A05B8	T Srisha	30	100
12	21Q61A05B9	Tatiparthi Vineeth Reddy	30	100
13	21Q61A05C0	Thatipamula Vaishnav	25	83.3
14	21Q61A05C1	Pidaparthi Victor Teju Kumar	30	100
15	21Q61A05C2	Ragula Narender	30	100
16	21Q61A05C3	Reddimalla Sreya	30	100
17	21Q61A05C4	Ritika Dhapte	30	100
18	21Q61A05C5	Rudrarapu Harshavardhan	30	100
19	21Q61A05C6	Sadhu Kushal Reddy	30	100
20	21Q61A05C7	Samuru Harini	30	100
21	21Q61A05C8	Sattu Sreeja	30	100
22	21Q61A05C9	Shaik Irfan Khan	30	100
23	21Q61A05D0	Sheri Shivaji	30	100
24	21Q61A05D1	Soma Dinakaran	30	100
25	21Q61A05D2	Stambampally Mounika	30	100
26	21Q61A05D3	Sunkari Anil Kumar	30	100
27	21Q61A05D4	Surakanti Shanthan Reddy	30	100
28	21Q61A05D5	Talakola Sravya	30	100
29	21Q61A05D6	Talapaneni Manoj Kumar	30	100
30	21Q61A05D7	Tallela Sai Charan	0	0
31	21Q61A05D8	Tatipelly Sai Kiran	30	100
32	21Q61A05D9	Theetla Varshitha	30	100
33	21Q61A05E0	Thota Raghuvardhan	30	100



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34	21Q61A05E1	Uppnuthala Abhilash	25	83.3
35	21Q61A05E2	V Naveen Kumar	30	100
36	21Q61A05E3	Vachepalli Uday Kiran Reddy	30	100
37	21Q61A05E4	Vadai Bhaskar	30	100
38	21Q61A05E5	Vaddeman Narsi Reddy	30	100
39	21Q61A05E6	Vanarasi Srinu	30	100
40	21Q61A05E7	Voddineni Mounish	30	100
41	21Q61A05E8	Vulkundakar Shivaji Juhi	30	100
42	21Q61A05E9	Yata Sreekanth	30	100
43	21Q61A05F0	Patil Sai Raghavendra	30	100
44	21Q61A05F1	Punna Aditya	30	100
45	21Q61A05F2	Shetty Sujith	0	0
46	21Q61A05F3	Thammaneni Prasanth Reddy	30	100
47	21Q61A05F4	Vadthyavath Manasa	30	100
48	21Q61A05F5	Dhadi Vyshali	30	100
49	21Q61A05F6	Bondla Yavan Teja	30	100
50	21Q61A05F7	Telukutla Aditya Reddy	30	100
51	21Q61A05F8	Essapally Aravind	30	100
52	21Q61A05F9	Duddugunta Sai Krishna	30	100
53	21Q61A05G0	Nalluri Venkatapavan	30	100

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Head of the Department
Humanities & Sciences

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 08.04.2022

PROGRAM REPORT

Name of Value Added Course: GREEN CHEMISTRY

Day/Duration: 30 Hours

Time: 10:00 AM to 04:00 PM

Resource Person: Dr.K.Shailaja, Assistant Professor.

Name of the Coordinator: Mr.K.Raja Manohar, Assistant Professor.

Number of the Participants: 50

Topics covered: The following topics covered in this program

- Introduction and overview
- Principles of Green Chemistry
- Designing Safer Products.
- Renewable Feedstock's.
- In Process Controls

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **D.VYSHALI** Bearing roll number **21Q61A05F5** from the department of Basic Sciences and Humanities completed the value added course on "**GREEN CHEMISTRY**" During the year **2021-2022**.


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Ranga Reddy District.


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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.DEVIKA** Bearing roll number **21Q61A05B4** from the department of Basic Sciences and Humanities completed the value added course on "**GREEN CHEMISTRY**" During the year **2021-2022**.

Head of The Department
Head of the Department
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/SEM/II/01

Date: 01.06.2022

CIRCULAR

This is to inform all the I B.Tech CSM students that the Department organizing a value added course on "Algorithmic Problem Solving in Complex Scenarios" The course is scheduled to run for 06 days from 06.06.2022 to 11.06.2022. 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.P.Vishwanath with WEBTEK Labs Pvt Ltd.


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Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Copy to:

The Principal, for kind information

IQAC

Notice Board

I.B. Tech CSM students

Dept. file


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ABOUT THE COURSE

Algorithmic Problem Solving in Complex Scenarios refers to a course or educational program that focuses on developing advanced problem-solving skills using algorithms in complex and challenging scenarios. It builds upon the foundational knowledge of computational thinking and programming and delves into more complex problem domains.

In this course, participants learn how to tackle problems that involve large datasets, intricate constraints, and sophisticated algorithms. They are exposed to various real-world scenarios where algorithmic thinking and problem-solving skills are crucial.

COURSE OBJECTIVES

1. Develop a deep understanding of advanced algorithms and data structures.
2. Enhance problem-solving skills in complex programming scenarios.
3. Apply algorithm analysis techniques to evaluate algorithm efficiency.
4. Design and implement efficient algorithms for various complex problems.
5. Explore optimization techniques for problem solving scenarios

EXPECTED OUTCOMES


- Develop Advanced Algorithmic Knowledge Students will gain a deep understanding of advanced algorithms, including their design principles, analysis techniques, and efficient implementation.

- Apply Advanced Data Structures: Students will be able to select and implement advanced data structures suitable for solving complex programming problems efficiently.
- Solve Complex Problems: Students will acquire the ability to analyze complex problem scenarios, design algorithmic solutions, and implement those using appropriate programming languages. Evaluate Algorithm Efficiency. Students will learn to analyze and evaluate the efficiency of algorithms, considering factors such as time complexity, space complexity, and optimization techniques.
- Design Optimized Algorithms: Students will develop skills in designing efficient and optimized algorithms for a variety of complex problem domains, applying advanced algorithmic techniques.

Resource Person
Mr.P.Vishwanath,
Subject Expert
WEBTEK Labs Pvt Ltd

Co-ordinator
Mr.K.Nagaraju,
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:04th
JUNE,2022


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Problem Solving Algorithm

An algorithm is a defined set of step-by-step procedures that provides the correct answer to a particular problem. By following the instructions correctly, you are guaranteed to arrive at the right answer



VALUE ADDED COURSE ON “ALGORITHMIC PROBLEM SOLVING IN COMPLEX SCENARIOS”

Duration of the course:36 HRS

6th JUNE TO 11th JUNE,2022

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING





DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **ALGORITHMIC PROBLEM**

SOLVING IN COMPLEX SCENARIOS

VALUE ADDED COURSE SYLLABUS

B.TECH I YEAR-II SEM CSM

ACADEMIC YEAR: 2021-22

Course objectives:

1. Develop a deep understanding of advanced algorithms and data structures.
2. Enhance problem-solving skills in complex programming scenarios.
3. Apply algorithm analysis techniques to evaluate algorithm efficiency.
4. Design and implement efficient algorithms for various complex problems.
5. Explore optimization techniques for problem-solving scenarios.

Course Outcome:

By the end of this course, students will be able to:

1. Develop Advanced Algorithmic Knowledge: Students will gain a deep understanding of advanced algorithms, including their design principles, analysis techniques, and efficient implementation.
2. Apply Advanced Data Structures: Students will be able to select and implement advanced data structures suitable for solving complex programming problems efficiently.
3. Solve Complex Problems: Students will acquire the ability to analyze complex problem scenarios, design algorithmic solutions, and implement those using appropriate programming languages.
4. Evaluate Algorithm Efficiency: Students will learn to analyze and evaluate the efficiency of algorithms, considering factors such as time complexity, space complexity, and optimization techniques.
5. Design Optimized Algorithms: Students will develop skills in designing efficient and optimized algorithms for a variety of complex problem domains, applying advanced algorithmic techniques.

Unit 1: Approximation Algorithms- Approximation techniques for optimization problems- Greedy approximation algorithms- Randomized approximation algorithms.

Unit 2: Advanced Dynamic Programming- Memorization techniques- Bitmasks in dynamic programming- Multidimensional dynamic programming- Advanced applications of dynamic programming.

Unit 3: Advanced Graph Algorithms- Topological sorting-Strongly connected components- Minimum spanning trees- Shortest path algorithms

[Handwritten Signature]
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Unit 4: Network Flows in Complex Networks Maximum flow and minimum cut algorithms- Network flow optimization problems- Applications of network flows in real-world scenarios.

Unit 5: Advanced Problem-Solving Strategies- Divide and conquer algorithms- Greedy algorithms- Backtracking algorithms- Advanced problem-solving techniques for specific domains

REFERENCE BOOKS:

1. "Introduction to Algorithms" by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein (Publication Year: 2009)
2. "Algorithm Design Manual" by Steven S. Skiena (Publication Year: 2008)
3. "Data Structures and Algorithms in Java" by Robert Lafore (Publication Year: 2017)

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES VALUE ADDED COURSE NAME: ALGORITHMIC PROBLEM SOLVING IN COMPLEX SCENARIOS

ACADEMIC YEAR: 2021-22
B.TECH I YEAR-II SEM CSM


Date: 01.06.2022
DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	06.06.2022	Approximation Algorithms- Approximation techniques for optimization problems- Greedy	09:30 am to 04:00 pm	6 hour
2	07.06.2022	Advanced Dynamic Programming- Memorization techniques- Bitmasks in dynamic.	09:30 am to 04:00 pm	6 hour
3	08.06.2022	Advanced Graph Algorithms- Topological	09:30 am to 04:00 pm	6 hour
4	09.06.2022	sorting-Strongly connected components Minimum spanning trees- Shortest path algorithms	09:30 am to 04:00 pm	6 hour
5	10.06.2022	Network Flows in Complex Networks Maximum flow and minimum cut algorithms	09:30 am to 04:00 pm	6 hour
6	11.06.2022	Advanced Problem-Solving Strategies- Divide and conquer algorithms	09:30 am to 04:00 pm	6 hour
Total – 36 hours				


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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	Algorithmic Problem Solving in Complex Scenarios	BREAK	Algorithmic Problem Solving in Complex Scenarios	LUNCH	Algorithmic Problem Solving in Complex Scenarios	BREAK	Algorithmic Problem Solving in Complex Scenarios
TUE							
WED							
THU							
FRI							
SAT							

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HOD
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Avanthi Institute of Engineering & Technology
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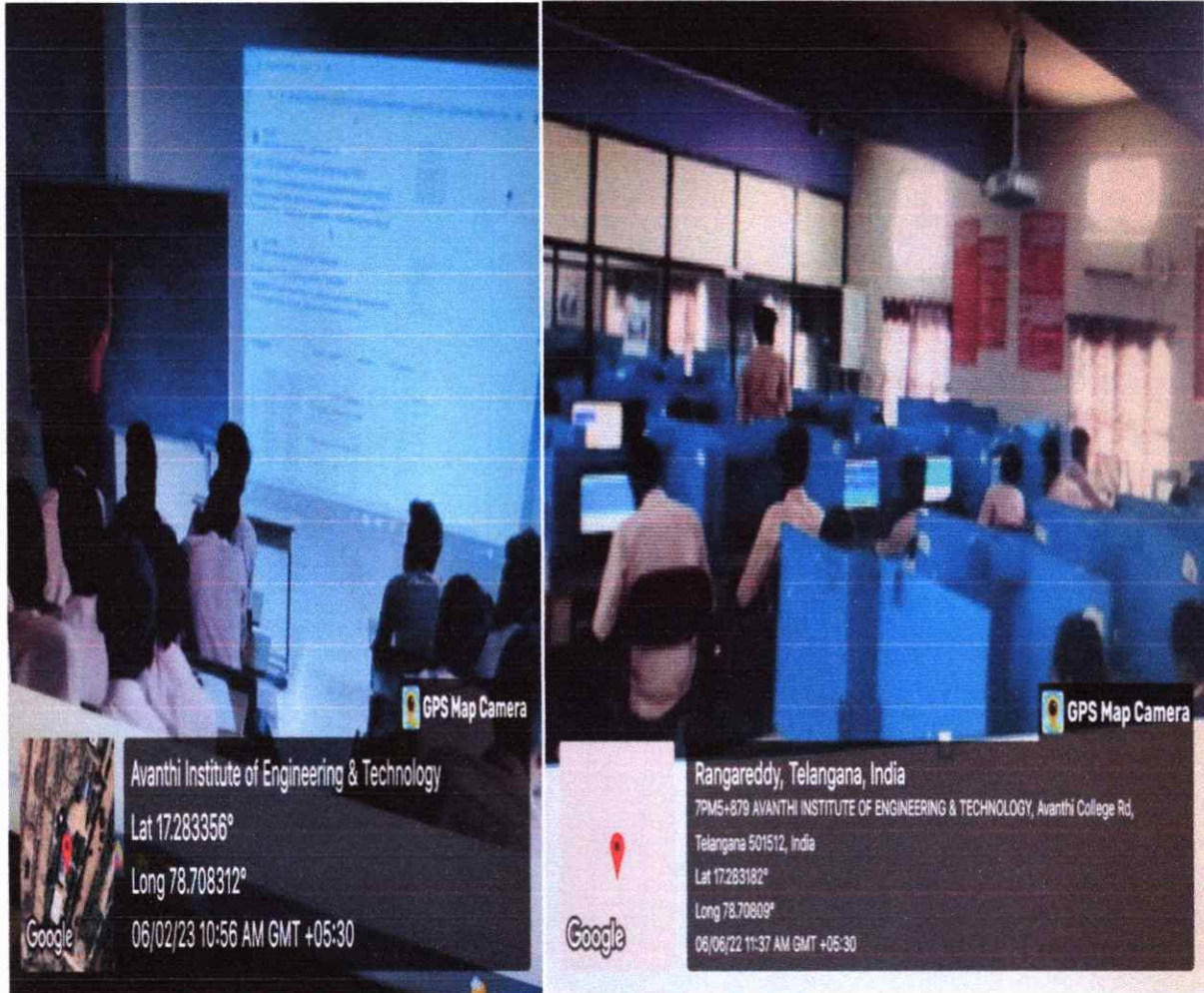
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The Students of I-Year B.Tech certificate program Attending “Algorithmic Problem Solving and Complex Scenarios” by the Resource Person “Mr.P.Vishwanath” with ‘WEBTEK Labs Pvt Ltd’.

K. D. Rao
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMIC PROBLEM

SOLVING IN COMPLEX SCENARIOS

I YEAR II-SEM CSM

Enrolled Students List

Date: 06-06-2022 to 11-06-2022

S.No	Roll Number	Name of The Student
1	21Q61A6601	Akula Sindhu
2	21Q61A6602	Alluri Dhana Laxmi Sai Priya
3	21Q61A6603	Ambboth 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	Kammari Rajasruthi
20	21Q61A6620	Kowdagani Bhavani
21	21Q61A6621	M S V S Laasya Lahari
22	21Q61A6622	Madugula Deekshitha
23	21Q61A6623	Mahamadabad Manasa
24	21Q61A6624	Majjigapu Rajashekar Reddy
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



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34	21Q61A6634	Obilineni Saisindhu
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	Gurralla 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


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMIC PROBLEM

SOLVING IN COMPLEX SCENARIOS

I YEAR II-SEM CSM

A.Y 2021-2022

Date: 01-06-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	06.06.22	07.06.22	08.06.22	09.06.22	10.06.22	11.02.22
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	Ambboth 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	A	A	A	A	A	A
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	A	A	A	A	A	A
17	21Q61A6617	Jatothu Suman	P	P	P	P	P	P
18	21Q61A6618	Jilapallywar Ashritha	P	P	P	P	P	P
19	21Q61A6619	Kammari Rajasruthi	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 Reddy	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



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38	21Q61A6638	Punna Rajashekhar	P	P	P	P	P	P
39	21Q61A6639	Rallabandi Pujitha	A	A	A	A	A	A
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	A	P	P	A	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	P	P	P	P	P	P
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	A	A	A	A	A	A
59	21Q61A6659	Sama Ankitha	P	P	P	P	P	P
60	21Q61A6660	Sarfraz 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	P	P	P	P	P	P
64	21Q61A6664	M Farhan Aarish	P	P	P	P	P	P


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMIC PROBLEM

SOLVING IN COMPLEX SCENARIOS

I YEAR II-SEM CSM

A.Y 2021-2022

Date: 06-06-2022 to 11-06-2022

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	Ambboth 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	0	0
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	0	0
17	21Q61A6617	Jatothu Suman	36	100
18	21Q61A6618	Jilapallywar Ashritha	36	100
19	21Q61A6619	Kammari Rajasruthi	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 Reddy	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



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33	21Q61A6633	Nayakawadi Anuradha	36	100
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	0	0
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	24	66.6
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	36	100
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	0	0
59	21Q61A6659	Sama Ankitha	36	100
60	21Q61A6660	Sarfraz Alam	36	100
61	21Q61A6661	Veeramanikanta Adapala	36	100
62	21Q61A6662	Vennu Sai Teja	36	100
63	21Q61A6663	Venkata Swamy Puppala	36	100
64	21Q61A6664	M Farhan Aarish	36	100

R. Nay

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 17.06.2022

PROGRAM REPORT

Name of Value Added Course: Algorithmic Problem Solving In Complex Scenarios

Day/Duration: 36 Hours

Time: 09:30 am to 04:00 pm

Resource Person: Mr.P.Vishwanath, Subject Expert, WEBTEK Labs Pvt Ltd.

Name of the Coordinator: Mr.K.Nagaraju, Assistant Professor.

Number of the Participants: 60

Topics covered: The following topics covered in this program

- 1 Approximation Algorithms.
- 2 Advanced Dynamic Programming.
- 3 Advanced Graph Algorithms.
- 4 Network Flows in Complex Networks.
- 5 Advanced Problem-Solving Strategies.

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Head of the Department
Humanities & Sciences

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



WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SINDHU** Bearing Reg.No **21Q61A6601** is participated in “**ALGORITHMIC PROBLEM SOLVING IN COMPLEX SCENARIOS**” course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **06/06/2022** to **11/06/2022**.

A handwritten signature in blue ink that reads "Manis Das". The signature is fluid and cursive, with the first name "Manis" being more prominent than the last name "Das".

DIRECTOR

A handwritten signature in blue ink that appears to be "S. B. S. H.". The signature is very stylized and cursive, with the letters being interconnected and flowing.

HOD BSH



WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **V.SAITEJA** Bearing Reg.No **21Q61A6662** is participated in “**ALGORITHMIC PROBLEM SOLVING IN COMPLEX SCENARIOS**” course conducted at the **Avanthi Institute of Engineering & Technology, Gunthapally, Abdullapurmettu, Rangareddy**, in Association with **WEBTEKLabs Pvt.Ltd.** from **06/06/2022** to **11/06/2022**.

A handwritten signature in blue ink that reads "Manis Das".

DIRECTOR

A handwritten signature in blue ink that reads "SH".

HOD BSH



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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/II/02

Date: 27.06.2022

CIRCULAR

This is to inform all the I B.Tech CSD students that the Department organizing a value added course on "Algorithms and Data Structures" The course is scheduled to run for 06 days from 04-07-2022 to 09-07-2022. 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.V.Satish with Ask Training Services


HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

Copy to:

The Principal, for kind information

IQAC

Notice Board

I.B. Tech CSD students

Dept. file


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COURSE MODULES

Module 1: Introduction to components of a computer system, Introduction to Algorithms: steps to solve logical and numerical problems. Representation of Algorithm, Flowchart/Pseudo code with examples. Program design.

Module 2: Algorithm Specifications: Performance Analysis and Measurement (Time and space analysis of algorithms-Average, best and worst case analysis).

Module 3: Introduction To Data Structure: Data Management concepts, Data types - primitive and non- primitive. Types of Data Structures- Linear & Non Linear Data Structures.

Module 4: Array: Representation of arrays. Applications of arrays, Linear Data Structure sparse matrix and its representation.

Stack: Stack-Definitions & Concepts. Operations On Stacks. Applications of Stacks. Polish Expression. Reverse Polish Expression And Their Compilation. Recursion. Tower of Hanoi.

Module 5: Queue: Representation Of Queue. Operations On Queue. Circular Queue. Priority Queue. Array representation of Priority Queue, Double Ended Queue..

COURSE OBJECTIVES

1. To assess how the choice of data structures and algorithm design methods impacts the performance of programs.
2. To choose the appropriate data structure and algorithm design method for a specified application.
3. To write programs using linear lists, stacks.
4. To solve problems using data structures such as queues, hash tables, binary trees, heaps.
5. To solve problems using algorithm design methods such as the greedy method.

Co-ordinator
Mr.P.Saidulu,
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:02nd JULY.2022

EXPECTED OUTCOMES

CO1: Analyse mathematically the behavior of algorithms in terms of time and memory use.

CO2: Design new algorithms for similar problems.

CO3: Use generic programming to program the algorithms.

CO4: Program efficient algorithms for sorting, searching and graphs.

CO5:Analyse empirically the behaviour of algorithms interms of time and memory use.

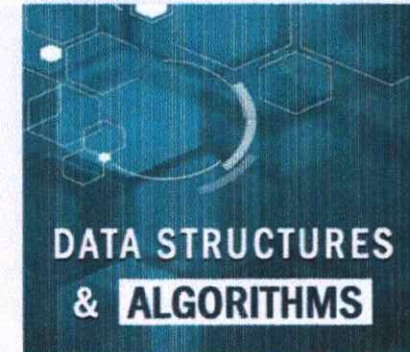
Resource Person
Mr.V.Sathish,
Technical Trainer
ASK Training Services

Principal
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ADD-ON COURSE ON

“ALGORITHMS AND DATA STRUCTURES”

04th TO 09th JULY, 2022

Duration of the course:36 HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING





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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMS AND DATA

STRUCTURES

VALUE ADDED COURSE SYLLABUS

B.TECH I YEAR-II SEM CSD

ACADEMIC YEAR: 2021-22

Course objectives:

1. To assess how the choice of data structures and algorithm design methods impacts the performance of programs.
2. To choose the appropriate data structure and algorithm design method for a specified application.
3. To write programs using linear lists, stacks,
4. To solve problems using data structures such as queues, hash tables, binary trees, heaps.
5. To solve problems using algorithm design methods such as the greedy method.

Module 1: Introduction to components of a computer system, Introduction to Algorithms: steps to solve logical and numerical problems. Representation of Algorithm, Flowchart/Pseudo code with examples, Program design.

Module 2: Algorithm Specifications: Performance Analysis and Measurement (Time and space analysis of algorithms- Average, best and worst case analysis).

Module 3: Introduction To Data Structure: Data Management concepts, Data types- primitive and non-primitive, Types of Data Structures- Linear & Non Linear Data Structures.

Module 4: Array: Representation of arrays. Applications of arrays, Linear Data Structure sparse matrix and its representation. Stack: Stack-Definitions & Concepts, Operations On Stacks, Applications of Stacks, Polish Expression, Reverse Polish Expression And Their Compilation, Recursion, Tower of Hanoi.

Module 5: Queue: Representation Of Queue. Operations On Queue, Circular Queue. Priority Queue, Array representation of Priority Queue. Double Ended Queue

TEXT BOOK:

1. "Introduction to Algorithms" by Thomas H. Cormen, Charles E. Leiserson, Ronald L.)

P. Sridhar
CO ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

[Signature]
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Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist

[Signature]
Head of the Department
HOB
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE: ALGORITHMS AND DATA STRUCTURES

ACADEMIC YEAR: 2021-22

Date: 27.06.2022

B.TECH I YEAR-II SEM CSD

DAY WISE SCHEDULE SHEET

S.No	DAY	Topic	Timings	Duration
1	04.07.2022	Introduction to components of a computer system, Introduction to Algorithms: steps to solve logical and numerical problems. Representation of Algorithm.	09.30 AM to 04.00 PM	6 hour
2	05.07.2022	Algorithm Specifications: Performance Analysis and Measurement (Time and space)	09.30 AM to 04.00 PM	6 hour
3	06.07.2022	Introduction To Data Structure: Data Management concepts, Data types - primitive and non-primitive, Types of Data Structures- Linear & Non Linear Data Structures.	09.30 AM to 04.00 PM	6 hour
4	07.07.2022	Array: Representation of arrays, Applications of arrays, Linear Data Structure sparse matrix and its representation.	09.30 AM to 04.00 PM	6 hour
5	08.07.2022	Stack: Stack-Definitions & Concepts, Operations On Stacks, Applications of Stacks, Polish Expression, Reverse Polish Expression And Their Compilation, Recursion, Tower of Hanoi.	09.30 AM to 04.00 PM	6 hour
6	09.07.2022	Queue: Representation Of Queue, Operations On Queue, Circular Queue, Priority Queue, Array representation of Priority Queue,	09.30 AM to 04.00 PM	6 hour
Total – 36 Hours				

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Humanities & Sciences
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Ranga Reddy District.



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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	Algorithms and Data Structures	BREAK	Algorithms and Data Structures	LUNCH	Algorithms and Data Structures	BREAK	Algorithms and Data Structures
TUE							
WED							
THU							
FRI							
SAT							

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[Signature]
HOD

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.



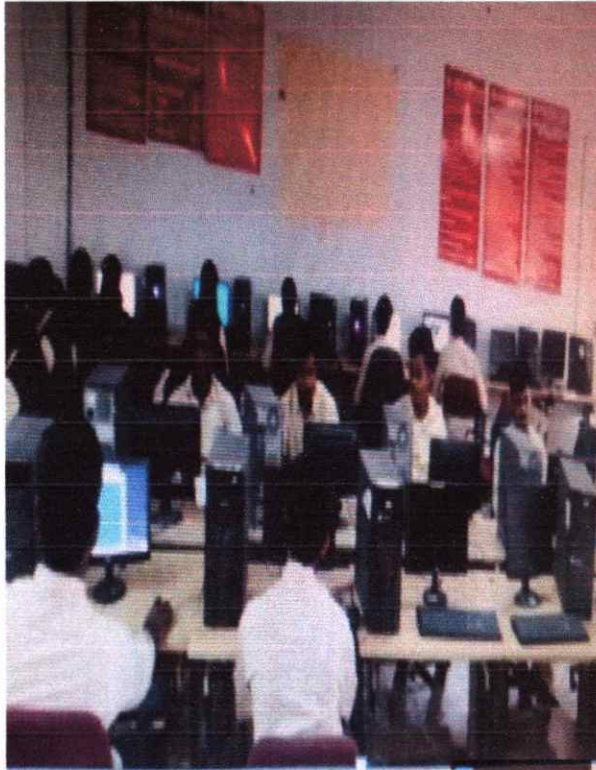
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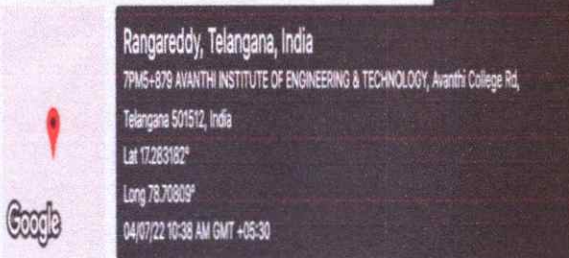
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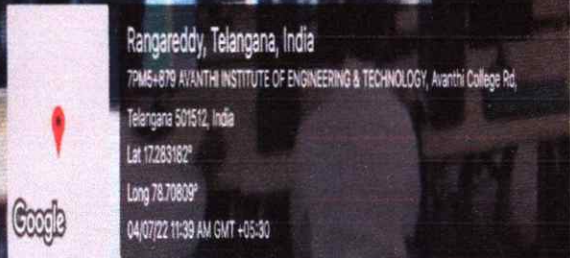
GPS Map Camera



Rangareddy, Telangana, India
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Telangana 501512, India
Lat 17.283182°
Long 78.708039°
04/07/22 10:38 AM GMT +05:30



GPS Map Camera



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Long 78.708039°
04/07/22 11:39 AM GMT +05:30

The Students of I-Year B.Tech certificate Program Attending "Algorithms and Data Structures" by the Resource Person "Mr.V.Satish" By 'Ask Training Service'.

P. Saidu
COORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana

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Head of the HOD
Department
Humanities & Sciences
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES VALUE ADDED COURSE NAME: ALGORITHMS AND DATA STRUCTURES

I YEAR II-SEM CSD

Enrolled Students List

Date: 04-07-2022 to 09-07-2022

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	Doma Srujaleena
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	Kakanagari Sathyahari Goud
26	21Q61A6726	Lalam Madhusudhanbabu
27	21Q61A6727	Masapaka Anil
28	21Q61A6728	Masapaka Babu
29	21Q61A6729	Medecheleme Vamshinath
30	21Q61A6730	Mende Vamshi
31	21Q61A6731	Mergu Rithika
32	21Q61A6732	Mohammed Shakeer
33	21Q61A6733	Mote Sathya Vani
34	21Q61A6734	Mothey Manideep
35	21Q61A6735	Muduganti Samatha



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36	21Q61A6736	Musti Akhilesh
37	21Q61A6737	N Naveen Kumar
38	21Q61A6738	Narmala Shashi Kumar
39	21Q61A6739	Nomula Harshitha
40	21Q61A6740	Pabpu Raviteja
41	21Q61A6741	Peddavora Arun
42	21Q61A6742	Pitla Ashwini
43	21Q61A6743	Poligeri Swathi
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45	21Q61A6745	Vaishnavi Yeldandi
46	21Q61A6746	Baradi Sai Kiran
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48	21Q61A6748	Boddu Vijay Reddy
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52	21Q61A6752	Kakularam Anand Reddy
53	21Q61A6753	Kankanala Manasa
54	21Q61A6754	Medagam Ramanji 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	Totakooru Lakshmi Harshitha
61	21Q61A6761	Vagga Anand
62	21Q61A6762	Yelagaboina Abhinaya Sri
63	21Q61A6763	Muthyala Hari Prasad

P. Saidulu

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Humanities & Sciences
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMS AND DATA

STRUCTURES

I YEAR II-SEM CSD

A.Y 2021-2022

Date: 27-06-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	04.07.22	05.07.22	06.07.22	07.07.22	08.07.22	09.07.22
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	A	A	A	A	A	A
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	P	P	P	P	P	P
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	A	A	A	A	A	A
17	21Q61A6717	Doddi Shivani	P	P	P	P	P	P
18	21Q61A6718	Doma Srujaleena	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	A	A	A	A	A	A
24	21Q61A6724	Jityala Mahender Reddy	P	P	P	P	P	P
25	21Q61A6725	Kakanagari Sathyahari Goud	P	P	P	P	P	P
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	Medecheleme Vamshinath	P	A	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	A	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



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37	21Q61A6737	N Naveen Kumar	P	P	P	P	P	P
38	21Q61A6738	Narmala Shashi Kumar	P	P	P	P	P	P
39	21Q61A6739	Nomula Harshitha	P	P	P	P	P	P
40	21Q61A6740	Pabpu 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
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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	Medagam Ramanji 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	P	P	P	P	P	P
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

P. Saifululu

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: ALGORITHMS AND DATA

STRUCTURES

I YEAR II-SEM CSD

A.Y 2021-2022

Date: 04-07-2022 to 09-07-2022

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	0	0
9	21Q61A6709	Bolla Shainitha	36	100
10	21Q61A6710	Bollepally Mani Chandana	36	100
11	21Q61A6711	Chelakapalli Likhitha	36	100
12	21Q61A6712	Chepyala Venu	36	100
13	21Q61A6713	Chinthakuntla Pooja	36	100
14	21Q61A6714	Chitukula Bhargavi	36	100
15	21Q61A6715	D Priyanka	36	100
16	21Q61A6716	Dhanavath Chandrashekar	0	0
17	21Q61A6717	Doddi Shivani	36	100
18	21Q61A6718	Doma Srujaleena	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	0	0
24	21Q61A6724	Jityala Mahender Reddy	36	100
25	21Q61A6725	Kakanagari Sathyahari Goud	36	100
26	21Q61A6726	Lalam Madhusudhanbabu	36	100
27	21Q61A6727	Masapaka Anil	36	100
28	21Q61A6728	Masapaka Babu	36	100
29	21Q61A6729	Medecheleme Vamshinath	30	83.3
30	21Q61A6730	Mende Vamshi	36	100
31	21Q61A6731	Mergu Rithika	36	100
32	21Q61A6732	Mohammed Shakeer	30	83.3
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
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46	21Q61A6746	Baradi Sai Kiran	36	100
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50	21Q61A6750	Gojji Siddhartha	36	100
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52	21Q61A6752	Kakularam Anand Reddy	36	100
53	21Q61A6753	Kankanala Manasa	36	100
54	21Q61A6754	Medagam Ramanji Reddy	36	100
55	21Q61A6755	Muddam Vamshi Krishna	36	100
56	21Q61A6756	Penneru Harshitha	36	100
57	21Q61A6757	Pola Shanker Reddy	36	100
58	21Q61A6758	S Datha Shouri	36	100
59	21Q61A6759	Tallagadda Abhinav Reddy	36	100
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61	21Q61A6761	Vaggà Anand	36	100
62	21Q61A6762	Yelagaboina Abhinaya Sri	36	100
63	21Q61A6763	Muthyala Hari Prasad	36	100

P. Saidulu
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 15.07.2022

PROGRAM REPORT

Name of Value Added Course: Algorithms and Data Structures

Day/Duration: 36 Hours

Time: 09:30 AM to 04:00 PM

Resource Person: Mr.V.Satish, Technical Trainer, Ask Training Services

Name of the Coordinator: Mr.P.Saidulu, Assistant Professor.

Number of the Participants: 60

Topics covered: The following topics covered in this program

- Steps to solve logical and numerical problems. Representation of Algorithm Pseudo code with examples. Program design.
- Time and space analysis of algorithms- Average, best and worst case analysis.
- Data Management concepts. Data types - primitive and non-primitive. Types of Data Structures.
- Representation of arrays. Applications of arrays. Linear Data Structures.
- Stack-Definitions & Concepts. Operations on Stacks. Applications of Stacks Representation of Queue. Operations on Queue.

P.Saidulu

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Head of the Department
Humanities & Sciences

Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

ASK Training Services

This is to certify that Mr./Ms **A.BHARATH REDDY** bearing Reg.no **21Q61A6701** Has completed “**ALGORITHMS AND DATA STRUCTURES**” conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Ragareddy. In association with ‘**ASK Training Services**’ from **04/07/2022** to **09/07/2022**.

For ASK Training Services

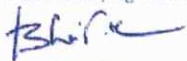


Proprietor

ASK Training Services

This is to certify that Mr./Ms **M.AKHILESH** bearing Reg.no **21Q61A6736** Has completed **“ALGORITHMS AND DATA STRUCTURES”** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Ragareddy. In association with **‘ASK Training Services’** from **04/07/2022** to **09/07/2022**.

For ASK Training Services



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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVIH//BSH/AOC/CIR/2021-22/II/03

Date: 20.07.2022

CIRCULAR

This is to inform all the I B.Tech ECE students that the Department organizing a value added course on "Data Manipulation and Analysis with Python" Department Advisory Committee has been identified **Mr.N.Mangan, Assistant Professor, Dept of CSE** as a resource person for this course. The course is scheduled to run for 06 days from 25-07-2022 to 30-07-2022. 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

I.B. Tech ECE students

Dept. file


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ABOUT THE COURSE

Data Manipulation and Analysis with Python" refers to a course or educational program that focuses on teaching Individuals how to effectively manipulate and analyze data using the Python programming language. Python is a popular programming language for data analysis due to its simplicity, extensive libraries, and robust ecosystem.

In this course, participants learn various techniques and tools for handling and analyzing data, with a particular emphasis on Python libraries commonly used in data analysis, such as Pandas, NumPy, and Matplotlib.

COURSE OBJECTIVES

- Understand the fundamentals of data manipulation and analysis.
- Acquire, clean, and preprocess data using Python.
- Perform exploratory data analysis to gain insights and identify patterns.
- Apply data transformation techniques to prepare data for analysis.
- Utilize Python libraries for statistical analysis and data visualization


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LAST DATE FOR REGISTRATION: 23rd JULY, 2022

EXPECTED OUTCOMES

- Demonstrate a solid understanding of data manipulation concepts and techniques.
- Acquire, clean, and preprocess data using Python.
- Perform exploratory data analysis (EDA) to gain insights and identify patterns in data.
- Apply various data transformation techniques to prepare data for analysis.
- Utilize Python libraries, such as Pandas, NumPy, Matplotlib, and Scikit-learn, for data manipulation, analysis, and visualization

Resource Person
Mr.N.Mangan,
Assistant Professor
Department of CSE

Co-ordinator
Mrs.D.Srilakshmi
Assistant Professor
Department of H&S



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ADD-ON COURSE ON

“DATA MANIPULATION AND ANALYSIS WITH PYTHON”

25th JULY TO 30th JULY, 2022

Duration of the course:36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING





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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: **DATA MANIPULATION AND ANALYSIS WITH PYTHON**

VALUE ADDED COURSE SYLLABUS

B.TECH I YEAR-II SEM ECE

ACADEMIC YEAR: 2021-22

Course Description:

The course on "Data Manipulation and Analysis with Python" is designed to provide students with a comprehensive understanding of data manipulation techniques and tools using the Python programming language. Participants will learn how to acquire, clean, transform, and analyze data to derive meaningful insights and make informed decisions. The course will cover a range of Python libraries and frameworks commonly used for data manipulation and analysis, such as Pandas, NumPy, Matplotlib, and Scikit-learn.

Course Objectives:

1. Understand the fundamentals of data manipulation and analysis.
2. Acquire, clean, and preprocess data using Python.
3. Perform exploratory data analysis to gain insights and identify patterns.
4. Apply data transformation techniques to prepare data for analysis.
5. Utilize Python libraries for statistical analysis and data visualization.

Course Outcome:

1. Demonstrate a solid understanding of data manipulation concepts
2. Acquire, clean, and preprocess data using Python. And techniques.
3. Perform exploratory data analysis (EDA) to gain insights and identify patterns in data.
4. Apply various data transformation techniques to prepare data for analysis.
5. Utilize Python libraries, such as Pandas, NumPy, Matplotlib, and Scikit-learn, for data manipulation, analysis, and visualization

UNIT 1: Introduction to Data Manipulation -Overview of data manipulation and analysis
Introduction to Python for data manipulation
Introduction to Jupiter Notebook- Working with data types and structures in Python.

UNIT 2: Data Acquisition and cleaning Data sources and formats- Reading and writing data files-Handling missing data and outliers-Data cleaning and preprocessing techniques.

UNIT 3: Exploratory Data Analysis (EDA)- Data summarization and descriptive statistics- Data visualization using Matplotlib and Seaborne- Data exploration and feature engineering

UNIT 4: Data Transformation- Data reshaping and restructuring Merging, joining, and concatenating data- Applying functions and transformations to data


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UNIT 5: Statistical Analysis- Probability and statistical concepts- Hypothesis testing and statistical inference- Correlation and regression analysis

REFERENCE BOOKS:

1. "Python for Data Analysis" by Wes McKinney
2. "Python Data Science Handbook" by Jake VanderPlas
3. "Data Science from Scratch" by Joel Grus
4. "Data Wrangling with Python" by Jacqueline Kazil and Katharine Jarmul

COORDINATOR

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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: DATA MANIPULATION AND ANALYSIS WITH PYTHON

ACADEMIC YEAR: 2021-22

Date: 01.08.2022

B.TECH. I YEAR-II SEM ECE

DAY WISE SCHEDULE SHEET


S. No	DAY	Topic	Timings	Duration
1	25.07.2022	Introduction to Data Manipulation - Overview of data manipulation and analysis.	09.30 AM to 04.00 PM	6 hour
2	26.07.2022	Data Acquisition and cleaning Data sources and formats- Reading and writing data.	09.30 AM to 04.00 PM	6 hour
3	27.07.2022	Exploratory Data Analysis (EDA)- Data summarization and descriptive statistics.	09.30 AM to 04.00 PM	6 hour
4	28.07.2022	Data Transformation- Data reshaping and restructuring Merging.	09.30 AM to 04.00 PM	6 hour
5	29.07.2022	Statistical Analysis- Probability and statistical concepts- Hypothesis	09.30 AM to 04.00 PM	6 hour
6	30.07.2022	testing and statistical inference- Correlation and regression analysis	09.30 AM to 04.00 PM	6 hour
Total – 36 Hours				


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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

TIME TABLE

CLASS: I YEAR- II 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	Data Manipulation and Analysis with Python	BREAK	Data Manipulation and Analysis with Python	LUNCH	Data Manipulation and Analysis with Python	BREAK	Data Manipulation and Analysis with Python
TUE							
WED							
THU							
FRI							
SAT							

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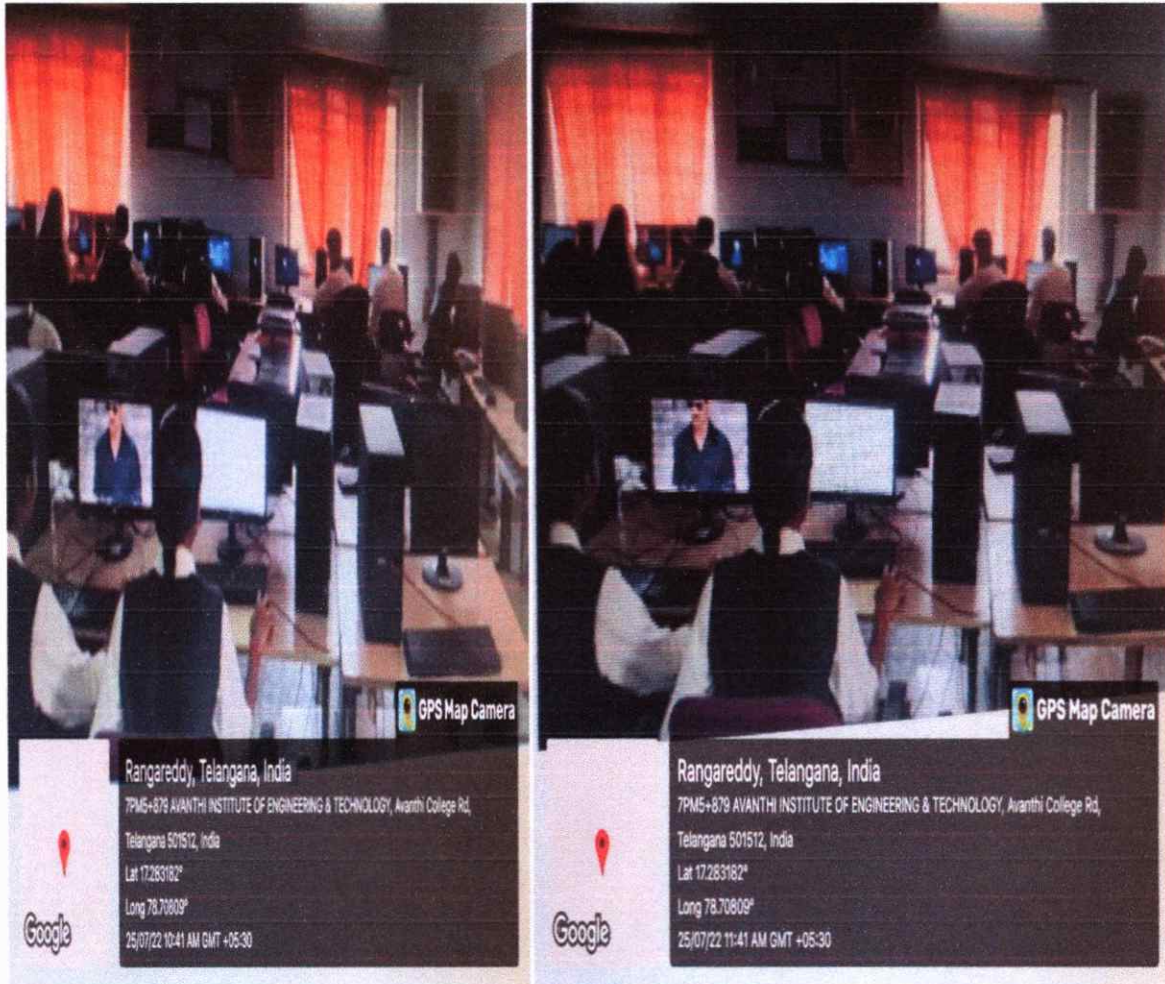
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The Students of I-Year B.Tech certificate program attending “Data Manipulation Analysis with Python” by the Resource Person “Mr.N.Mangan, Assistant Professor”

[Signature]
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Ranga Reddy Dist, Telangana.

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES VALUE ADDED COURSE NAME: DATA MANIPULATION AND ANALYSIS WITH PYTHON

I YEAR II-SEM ECE

Enrolled Students List

Date: 25-07-2022 to 30-07-2022

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
24	21Q61A0424	Katta Nagaraju
25	21Q61A0425	Koppula Bhavesh Kumar
26	21Q61A0426	Kurelly Sowmya
27	21Q61A0427	M Likhitha
28	21Q61A0428	M Om Prakash
29	21Q61A0429	Mallela Pravallika
30	21Q61A0430	Mamilla Sravani
31	21Q61A0431	Manne Varshitha
32	21Q61A0432	Marri Joel
33	21Q61A0433	Narvate Ganesh



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34	21Q61A0434	Neela Naga Prasad
35	21Q61A0435	Pilli Pavan
36	21Q61A0436	Pilli Uday Kiran
37	21Q61A0437	Pinnamshetty Anusha
38	21Q61A0438	Puchala Anusha
39	21Q61A0439	Ragiru Nikhil
40	21Q61A0440	Ramagiri Sahithi
41	21Q61A0441	Rayudu Akshitha
42	21Q61A0442	Regu Matsyagiri
43	21Q61A0443	Sabhavat Raju
44	21Q61A0444	Talluri Harshavardhan
45	21Q61A0445	Vakeel Ravithreni
46	21Q61A0446	Vemula Saketh
47	21Q61A0447	Vinod Kambala
48	21Q61A0448	Anthati Nishith Kumar
49	21Q61A0449	B Devendar
50	21Q61A0450	Bheemreddy Sakesth Reddy
51	21Q61A0451	Kukkala Srividya
52	21Q61A0452	Mandava Poorna Shankar
53	21Q61A0453	Modugu Shashidhar Reddy
54	21Q61A0454	Purwanth Mounika
55	21Q61A0455	Rageeru Tejeshwar Goud
56	21Q61A0456	Vuduthuri Venkateshwar Reddy
57	21Q61A0457	Yalagala Nukaiah
58	21Q61A0458	Bairu Saiteja

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

VALUE ADDED COURSE NAME: DATA MANIPULATION AND

ANALYSIS WITH PYTHON

I YEAR II-SEM ECE

A.Y 2021-2022

Date: 20-07-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	25.07.22	26.07.22	27.07.22	28.07.22	29.07.22	30.07.22
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	P	P	P	P	P	P
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	A	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	P	P	P	P	P	P
22	21Q61A0422	Karpurapu Mahesh Babu	P	P	P	P	P	P
23	21Q61A0423	Katravath Rajesh	P	P	P	P	P	P
24	21Q61A0424	Katta Nagaraju	P	P	P	P	P	P
25	21Q61A0425	Koppula Bhavesh Kumar	P	P	P	P	P	P
26	21Q61A0426	Kurelly Sowmya	P	P	P	A	P	P
27	21Q61A0427	M Likhitha	P	P	P	P	P	P
28	21Q61A0428	M Om Prakash	P	P	P	P	P	P
29	21Q61A0429	Mallela Pravallika	P	P	P	P	P	P
30	21Q61A0430	Mamilla Sravani	P	P	P	P	P	P
31	21Q61A0431	Manne Varshitha	P	P	P	P	P	P
32	21Q61A0432	Marri Joel	P	P	P	P	P	P
33	21Q61A0433	Narvate Ganesh	P	P	P	P	P	P
34	21Q61A0434	Neela Naga Prasad	P	P	P	P	P	P
35	21Q61A0435	Pilli Pavan	P	P	P	P	P	P
36	21Q61A0436	Pilli Uday Kiran	P	P	P	P	P	P
37	21Q61A0437	Pinnamshetty Anusha	P	P	P	P	P	P



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38	21Q61A0438	Puchala Anusha	P	P	P	P	P	P
39	21Q61A0439	Ragiru Nikhil	P	P	P	P	P	P
40	21Q61A0440	Ramagiri Sahithi	P	P	P	P	P	P
41	21Q61A0441	Rayudu Akshitha	P	P	P	P	P	P
42	21Q61A0442	Regu Matsyagiri	P	P	P	P	P	P
43	21Q61A0443	Sabhavat Raju	P	P	P	P	P	P
44	21Q61A0444	Talluri Harshavardhan	P	P	P	P	P	P
45	21Q61A0445	Vakeel Ravithreni	P	P	P	P	P	P
46	21Q61A0446	Vemula Saketh	P	P	P	P	P	P
47	21Q61A0447	Vinod Kambala	A	A	A	A	A	A
48	21Q61A0448	Anthathi Nishith Kumar	P	P	P	P	P	P
49	21Q61A0449	B Devendar	P	P	P	P	P	P
50	21Q61A0450	Bheemreddy Sakesth Reddy	P	P	P	P	P	P
51	21Q61A0451	Kukkala Srividya	P	P	P	P	P	P
52	21Q61A0452	Mandava Poorna Shankar	P	P	P	P	P	P
53	21Q61A0453	Modugu Shashidhar Reddy	P	P	P	P	P	P
54	21Q61A0454	Purwanth Mounika	P	P	P	P	P	P
55	21Q61A0455	Rageeru Tejeshwar Goud	A	A	A	A	A	A
56	21Q61A0456	Vuduthuri Venkateshwar Reddy	P	P	P	P	P	P
57	21Q61A0457	Yalagala Nukaiah	P	P	P	P	P	P
58	21Q61A0458	Bairu Saiteja	P	P	P	P	P	P

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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES VALUE ADDED COURSE NAME: DATA MANIPULATION AND ANALYSIS WITH PYTHON

I YEAR II-SEM ECE

A.Y 2021-2022

Date: 25-07-2022 to 30-07-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61A0401	Ade Prashanth	36	100
2	21Q61A0402	Ajay Kambala	36	100
3	21Q61A0403	Akki Suryaprakash	36	100
4	21Q61A0404	Atla Raviteja	36	100
5	21Q61A0405	Biyjala Abhilash	36	100
6	21Q61A0406	Boddupalli Kavya	36	100
7	21Q61A0407	Burukala Mani Reethika	36	100
8	21Q61A0408	C Bharath Goud	36	100
9	21Q61A0409	Chelmeti Manoj Kumar	36	100
10	21Q61A0410	Dabbeta Nitheesh	36	100
11	21Q61A0411	Deshagoni Naveen	36	100
12	21Q61A0412	Dharmarajula Upender	36	100
13	21Q61A0413	Erugudindla Chandu	30	83.3
14	21Q61A0414	Gondrala Sreeja	36	100
15	21Q61A0415	Hinge Sai Teja	36	100
16	21Q61A0416	Jajula Manasa	36	100
17	21Q61A0417	Kadari Mahesh	36	100
18	21Q61A0418	Kallem Shanmukh Goud	36	100
19	21Q61A0419	Kalvakota Soumya	36	100
20	21Q61A0420	Kanneboiena Bharath	36	100
21	21Q61A0421	Kappera Ruchitha	36	100
22	21Q61A0422	Karpurapu Mahesh Babu	36	100
23	21Q61A0423	Katravath Rajesh	36	100
24	21Q61A0424	Katta Nagaraju	36	100
25	21Q61A0425	Koppula Bhavesh Kumar	36	100
26	21Q61A0426	Kurelly Sowmya	30	83.3
27	21Q61A0427	M Likhitha	36	100
28	21Q61A0428	M Om Prakash	36	100
29	21Q61A0429	Mallela Pravallika	36	100
30	21Q61A0430	Mamilla Sravani	36	100
31	21Q61A0431	Manne Varshitha	36	100
32	21Q61A0432	Marri Joel	36	100



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33	21Q61A0433	Narvate Ganesh	36	100
34	21Q61A0434	Neela Naga Prasad	36	100
35	21Q61A0435	Pilli Pavan	36	100
36	21Q61A0436	Pilli Uday Kiran	36	100
37	21Q61A0437	Pinnamshetty Anusha	36	100
38	21Q61A0438	Puchala Anusha	36	100
39	21Q61A0439	Ragiru Nikhil	36	100
40	21Q61A0440	Ramagiri Sahithi	36	100
41	21Q61A0441	Rayudu Akshitha	36	100
42	21Q61A0442	Regu Matsyagiri	36	100
43	21Q61A0443	Sabhavat Raju	36	100
44	21Q61A0444	Talluri Harshavardhan	36	100
45	21Q61A0445	Vakeel Ravithreni	36	100
46	21Q61A0446	Vemula Saketh	36	100
47	21Q61A0447	Vinod Kambala	0	0
48	21Q61A0448	Anthati Nishith Kumar	36	100
49	21Q61A0449	B Devendar	36	100
50	21Q61A0450	Bheemreddy Sakesth Reddy	36	100
51	21Q61A0451	Kukkala Srividya	36	100
52	21Q61A0452	Mandava Poorna Shankar	36	100
53	21Q61A0453	Modugu Shashidhar Reddy	36	100
54	21Q61A0454	Purwanth Mounika	36	100
55	21Q61A0455	Rageeru Tejeshwar Goud	0	0
56	21Q61A0456	Vuduthuri Venkateshwar Reddy	36	100
57	21Q61A0457	Yalagala Nukaiah	36	100
58	21Q61A0458	Bairu Saiteja	36	100

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Head of the Department
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DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Date: 05.08.2022

PROGRAM REPORT

Name of Value Added Course: Data Manipulation and Analysis with Python

Day/Duration: 06/36 Hrs

Time: 09.30 AM to 04.00 PM

Resource Person: Mr.N.Mangan, Assistant Professor.

Name of the Coordinator: Mrs.D.Srilakshmi, Assistant Professor.

Number of the Participants: 56

Topics covered: The following topics covered in this program

- Introduction to Data Manipulation.
- Data Acquisition and cleaning Data sources and formats.
- Exploratory Data Analysis (EDA).
- Data Transformation- Data reshaping and restructuring Merging.
- Statistical Analysis- Probability and statistical concepts.

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.PRASHANTH** Bearing roll number **21Q61A0401** from the department of Basic Sciences and Humanities completed the value added course on **"DATA MANIPULATION AND ANALYSIS WITH PYTHON"** During the year **2021-2022**.

Head of The Department

Head of the Department
Basic Sciences
Avanthi Institute of Engineering & Technology
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Co-Ordinator

CO ORDINATOR
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Principal

PRINCIPAL
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.UDAY KIRAN** Bearing roll number **21Q61A0436** from the department of Basic Sciences and Humanities completed the value added course on **"DATA MANIPULATION AND ANALYSIS WITH PYTHON"** During the year **2021-2022**.

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Head of the Department
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Ranga Reddy Dist, Telangana.

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



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2021-22/SEM/I/01

Dates: 04-11-2021

CIRCULAR

This is to inform all the II Year MBA students that the Department organizing a value added course on "Administrative HR" Department Advisory Committee has been identified **Dr.B.Nayeema, Assistant Professor, and Department of MBA** as a resource person for this course. The course is scheduled to run for 06 days from 08-11-2021 to 13-11-2021. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.

HOD
Head of the Department
MBA

Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl).
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

II Year .MBA students

Dept. file

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ABOUT THE COURSE

HR administrators help manage and prepare different human resources documents, help employees with issues that arise, facilitate employee onboarding and training, and may even help with payroll.

COURSE OBJECTIVES

After studying this course, you will be able to:

- Understand the basic concepts of human resource management (HRM)
- Explain what human resource management is and how it relates to the management process.
- Provide an overview of functions of HRM.
- Describe how the major roles of HR management are being transformed
- Explain the role of HRM in the present millennium.
- Understand the nature and need of HRP Able to gain information about different factors that affect HRP
- Realize the importance of human resource planning in current organizational scenario
- Understand the HRP process and the pre requisites for successful HRP process

EXPECTED OUTCOMES

Develop, implement, and evaluate employee orientation, training, and development programs. Facilitate and support effective employee and labor relations in both nonunion and union environments. Research and support the development and communication of the organization's total compensation plan

Resource Person
Dr.B.Nayeema,
Assistant Professor
Department of MBA

Co-ordinator
Mr.A.Naresh,
Assistant Professor
Department of MBA


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Sundhara, Jc, Abdullapurmet (Md) R.R.Dist

LAST DATE FOR REGISTRATION:06th NOV,2021



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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VALUE ADD-ON COURSE ON
“ADMINISTRATIVE HR”

08th NOV TO 13th NOV 2021

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: ADMINISTRATIVE HR

VALUE ADDED COURSE SYLLABUS

II YEAR-I SEM

ACADEMIC YEAR 2021-22

Course Objectives:

- Effectively manage and plan key human resource functions within organizations
- Examine current issues, trends, practices, and processes in HRM
- Contribute to employee performance management and organizational effectiveness
- Problem-solve human resource challenges
- Develop employability skills for the Canadian workplace

Course Outcomes:

After completion of the course, learners would be able to

- To develop an understanding about the functions of HRM.
- To distinguish between Recruitment and Selection.
- To relate the various stages in Training cycle.
- To develop an understanding about basics of compensation management and Performance appraisal.
- To discuss about managing employee relations.

UNIT-I : Introduction to Human Resource Management Concept of HRM and Evolution of HRM Functions and Role of HR Manager, The concept of job analysis, Job description, Job specification, Job enrichment, Job rotation, Job enlargement, Challenges before HRM.

UNIT-II: HR Procurement: Human Resource planning, Concept and importance of HRP HR planning process Concept of Recruitment, Factors affecting recruitment Concept and importance of selection, Stages in selection process Concept and importance of Induction Cases related to HR procurement.

UNIT-III: Training and Development : Meaning and importance of Training Stages involved in training process (Training need Identification, Design of training, Implementation of training, Evaluation of training) On the job and off the job training method The concept of Management Development program.

UNIT-IV: Compensation management and Performance appraisal. The Concept and objectives of Compensation management Employee remuneration factors, Fringe benefits Concept and objectives of Performance Appraisal Performance Appraisal Process Performance appraisal methods.

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UNIT-V:Managing employee relations: Flexible work arrangements (flexi time, telecommuting, job sharing) Career Planning, Succession planning Handling employee grievances, Need and objectives of Discipline The concept of Separation management, related cases

REFERENCE BOOKS:

1. Rao, P. Subba (2014). Essentials of Human Resource Management & Industrial Management: Text & Cases. New Delhi: Himalaya Publication.
2. C.B. Mamoria , S.V.Gankar, Personnel Management: Himalaya Publication.
3. Armstrong, M. (2010). Handook of HRM Practice. USA: Kogan Page.
4. Dessler, G. (2010). Human Resource Management. New Delhi: Prentice Hall.
5. Basak, S. P. (2012). Human Resource Management: Text & Cases.: Pearson
6. Ashwathhapa – Human Resource management

A. Suresh.

CO ORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

Mayamma

Head of the Department
HOD
MBA

Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.

SRM

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: ADMINISTRATIVE HR

ACADEMIC YEAR 2021-22

Date: 04-11-2021

II YEAR-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
08-11-2021	Evolution of HRM Functions and Role of HR Manager, The concept of job analysis.	09:30 am to 04:00 pm	6 hour
09-11-2021	Human Resource planning, Concept and importance of HRP HR planning process Concept of Recruitment	09:30 am to 04:00 pm	6 hour
10-11-2021	Meaning and importance of Training Stages involved in training process	09:30 am to 04:00 pm	6 hour
11-11-2021	The Concept and objectives of Compensation management Employee remuneration factors	09:30 am to 04:00 pm	6 hour
12-11-2021	Flexible work arrangements (flexi time, telecommuting, job sharing) Career Planning	09:30 am to 04:00 pm	6 hour
13-11-2021	Succession planning Handling employee grievances, Need and objectives of Discipline The concept of Separation management	09:30 am to 04:00 pm	6 hour
Total- 36 Hours			

A. Nagesh
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Ranga Reddy Dist. Telangana.

[Signature]
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Nayana
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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	Administrative HR	BREAK	Administrative HR	LUNCH	Administrative HR	BREAK	Administrative HR
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	Administrative HR	BREAK	Administrative HR	LUNCH	Administrative HR	BREAK	Administrative HR
TUE							
WED							
THU							
FRI							
SAT							

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

[Signature]
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Head of the Department
HOD MBA
 Avanthi Institute of Engineering & Techn
 Gunthapally (VIII), Abdullapurmet (Md
 Ranga Reddy District.



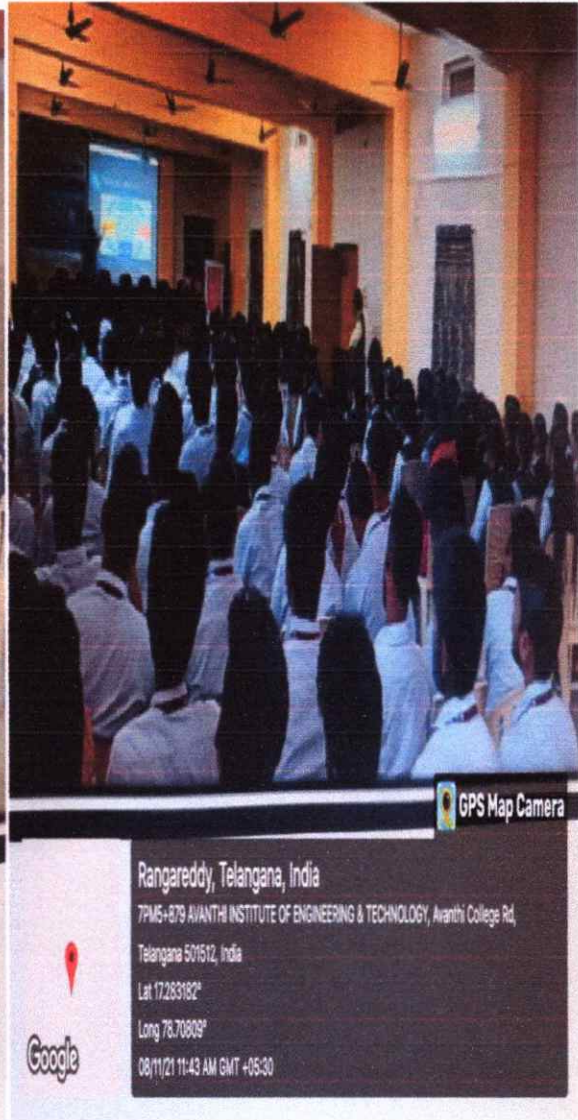
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The Students of II-Year MBA certificate program attending "Administrative HR" by the Resource Person "Dr.B.Nayeema, Assistant Professor".

A. Narresh
CO ORDINATOR
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Ranga Reddy Dist. Telangana.

[Signature]
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Nayeema
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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: ADMINISTRATIVE HR

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 08-11-2021 to 13-11-2021

S.No	Roll Number	Name of The Student
1	20Q61E0001	Abbanagoni Mukesh
2	20Q61E0002	Addagatla Sandhya
3	20Q61E0003	Adepu Niharika
4	20Q61E0004	Ankagalla Jeevan
5	20Q61E0005	Attapuram Mamatha
6	20Q61E0006	B Manasa
7	20Q61E0007	B Saikumar
8	20Q61E0008	Bachanagoni Aishwarya
9	20Q61E0009	Badur Naveen
10	20Q61E0010	Bangarigada Swathi
11	20Q61E0011	Bathula Anupriya
12	20Q61E0012	Boddu Shirisha
13	20Q61E0013	Burra Aishwarya
14	20Q61E0014	Challa Shruthi
15	20Q61E0015	Chenna Prakash
16	20Q61E0016	Damma Kavitha
17	20Q61E0017	Devulapalli Uha
18	20Q61E0018	Dhanavath Ashok Naik
19	20Q61E0019	Eedhula Shirisha
20	20Q61E0020	Ettula Sai Prasanna
21	20Q61E0021	Gatla Prabath
22	20Q61E0022	Gavini Naveen Kumar
23	20Q61E0023	Goshika Sreevani
24	20Q61E0024	Jadala Naveen Kumar
25	20Q61E0025	K Anvesh
26	20Q61E0026	K Ramya Sri
27	20Q61E0027	Karingu Lavanya
28	20Q61E0028	Kasula Anusha
29	20Q61E0029	Kesani Sai Babu
30	20Q61E0030	Koduru Nagamani
31	20Q61E0031	Konreddy Lavanya
32	20Q61E0032	Korkela Vinay
33	20Q61E0033	Kuna Hari Chandana
34	20Q61E0034	Kunapareddy Sony
35	20Q61E0035	Kyatham Manasa



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36	20Q61E0036	Madduri Pavankalyan
37	20Q61E0037	Mandha Preethi
38	20Q61E0038	Mandla Yadagiri
39	20Q61E0039	Mandugala Pavani
40	20Q61E0040	Miriyala Kalyani
41	20Q61E0041	Miryala Nikhila Pravallika
42	20Q61E0042	Merugu Rajashekhar
43	20Q61E0043	Nomula Samitha
44	20Q61E0044	Pakala Narsimha
45	20Q61E0045	Palle Nikitha
46	20Q61E0046	Peesodi Shivani
47	20Q61E0047	Pippera Rohith
48	20Q61E0048	Pooja Gehlot
49	20Q61E0049	Rageeru Anil Kumar
50	20Q61E0050	Ravulakollu Reshma
51	20Q61E0051	Samala Sairam
52	20Q61E0052	Surgi Madhu
53	20Q61E0053	Tarak Jagadish
54	20Q61E0054	Thakur Kalyani
55	20Q61E0055	Thunga Navyasri
56	20Q61E0056	Vanam Omkar
57	20Q61E0057	Varala Preethi
58	20Q61E0058	Velugupally Shravani
59	20Q61E0059	Vijayagiri Sanjay
60	20Q61E0060	Yelugandula Mahipal
61	20Q61E0061	Yelugandula Srikanth
62	20Q61E0062	Vakdoth Shashi Rekha
63	20Q61E0063	Abbavathi Bhavani
64	20Q61E0064	Kampelli Simon Prakash
65	20Q61E0065	Anugu Pravalika
66	20Q61E0066	Badri Srinath Yadav
67	20Q61E0067	Bandari Charani
68	20Q61E0068	Belle Navya
69	20Q61E0069	Biradar Divya
70	20Q61E0070	Burri Nagamani
71	20Q61E0071	Chennarap Sharath
72	20Q61E0072	Pannala Bhavani
73	20Q61E0073	Chepuri Bhanuprakash
74	20Q61E0074	Sirigada Saiteja
75	20Q61E0075	D Pruthvi Bhargav
76	20Q61E0076	Doda Divya
77	20Q61E0077	Donthula Ramya



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78	20Q61E0078	Edla Raghavender
79	20Q61E0079	Eeramouni Anil Kumar

A. Naresh

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: ADMINISTRATIVE HR

II YEAR I-SEM

A.Y 2021-2022

Date: 04-11-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	08.11.21	09.11.21	10.11.21	11.11.21	12.11.21	13.11.21
1	20Q61E0001	Abbanagoni Mukesh	P	P	P	P	P	P
2	20Q61E0002	Addagatla Sandhya	P	P	P	P	P	P
3	20Q61E0003	Adepu Niharika	P	P	P	P	P	P
4	20Q61E0004	Ankagalla Jeevan	P	P	P	P	P	P
5	20Q61E0005	Attapuram Mamatha	P	P	P	P	P	P
6	20Q61E0006	B Manasa	P	P	P	P	P	P
7	20Q61E0007	B Saikumar	A	A	A	A	A	A
8	20Q61E0008	Bachanagoni Aishwarya	P	P	P	P	P	P
9	20Q61E0009	Badur Naveen	P	P	P	P	P	P
10	20Q61E0010	Bangarigada Swathi	P	P	P	P	P	P
11	20Q61E0011	Bathula Anupriya	P	P	P	P	P	P
12	20Q61E0012	Boddu Shirisha	P	P	P	P	P	P
13	20Q61E0013	Burra Aishwarya	P	P	P	P	P	P
14	20Q61E0014	Challa Shruthi	P	P	P	P	P	P
15	20Q61E0015	Chenna Prakash	P	P	P	P	P	P
16	20Q61E0016	Damma Kavitha	P	P	P	P	P	P
17	20Q61E0017	Devulapalli Uha	P	P	P	P	P	P
18	20Q61E0018	Dhanavath Ashok Naik	P	P	P	P	P	P
19	20Q61E0019	Eedhula Shirisha	P	P	P	P	P	P
20	20Q61E0020	Ettula Sai Prasanna	P	P	P	P	P	P
21	20Q61E0021	Gatla Prabath	P	P	P	P	P	P
22	20Q61E0022	Gavini Naveen Kumar	P	P	P	P	P	P
23	20Q61E0023	Goshika Srccvani	P	P	P	P	P	P
24	20Q61E0024	Jadala Naveen Kumar	P	P	P	P	P	P
25	20Q61E0025	K Anvesh	P	P	P	P	P	P
26	20Q61E0026	K Ramya Sri	P	P	P	P	P	P
27	20Q61E0027	Karingu Lavanya	P	P	P	P	P	P
28	20Q61E0028	Kasula Anusha	P	P	P	P	P	P
29	20Q61E0029	Kesani Sai Babu	P	P	P	P	P	P
30	20Q61E0030	Koduru Nagamani	P	P	P	P	P	P
31	20Q61E0031	Konreddy Lavanya	P	P	P	P	P	P
32	20Q61E0032	Korkela Vinay	P	P	P	P	P	P
33	20Q61E0033	Kuna Hari Chandana	P	P	P	P	P	P
34	20Q61E0034	Kunapareddy Sony	A	A	A	A	A	A
35	20Q61E0035	Kyatham Manasa	P	P	P	P	P	P
36	20Q61E0036	Madduri Pavankalyan	P	P	P	P	P	P
37	20Q61E0037	Mandha Preethi	P	P	P	P	P	P
38	20Q61E0038	Mandla Yadagiri	P	P	P	P	P	P



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39	20Q61E0039	Mandugala Pavani	A	A	A	A	A	A
40	20Q61E0040	Miryala Kalyani	P	P	P	P	P	P
41	20Q61E0041	Miryala Nikhila Pravallika	P	P	P	P	P	P
42	20Q61E0042	Merugu Rajashekhar	P	P	P	P	P	P
43	20Q61E0043	Nomula Samitha	P	P	P	P	P	P
44	20Q61E0044	Pakala Narsimha	P	P	P	P	P	P
45	20Q61E0045	Palle Nikitha	P	P	P	P	P	P
46	20Q61E0046	Peesodi Shivani	P	P	P	P	P	P
47	20Q61E0047	Pipperera Rohith	P	P	P	P	P	P
48	20Q61E0048	Pooja Gehlot	P	P	P	P	P	P
49	20Q61E0049	Rageeru Anil Kumar	P	P	P	P	P	P
50	20Q61E0050	Ravulakollu Reshma	P	P	P	P	P	P
51	20Q61E0051	Samala Sairam	P	P	P	P	P	P
52	20Q61E0052	Surgi Madhu	P	P	P	P	P	P
53	20Q61E0053	Tarak Jagadish	P	P	P	P	P	P
54	20Q61E0054	Thakur Kalyani	P	P	P	P	P	P
55	20Q61E0055	Thunga Navyasri	P	P	P	P	P	P
56	20Q61E0056	Vanam Omkar	P	P	P	P	P	P
57	20Q61E0057	Varala Preethi	P	P	P	P	P	P
58	20Q61E0058	Velugupally Shravani	P	P	P	P	P	P
59	20Q61E0059	Vijayagiri Sanjay	P	P	P	P	P	P
60	20Q61E0060	Yelugandula Mahipal	P	P	P	P	P	P
61	20Q61E0061	Yelugandula Srikanth	P	P	P	P	P	P
62	20Q61E0062	Vakdoth Shashi Rekha	P	P	P	P	P	P
63	20Q61E0063	Abbavathi Bhavani	P	P	P	P	P	P
64	20Q61E0064	Kampelli Simon Prakash	A	A	A	A	A	A
65	20Q61E0065	Anugu Pravalika	P	P	P	P	P	P
66	20Q61E0066	Badri Srinath Yadav	P	P	P	P	P	P
67	20Q61E0067	Bandari Charani	P	P	P	P	P	P
68	20Q61E0068	Belle Navya	P	P	P	P	P	P
69	20Q61E0069	Biradar Divya	P	P	P	P	P	P
70	20Q61E0070	Burri Nagamani	P	P	P	P	P	P
71	20Q61E0071	Chennarap Sharath	P	P	P	P	P	P
72	20Q61E0072	Pannala Bhavani	P	P	P	P	P	P
73	20Q61E0073	Chepuri Bhanuprakash	P	P	P	P	P	P
74	20Q61E0074	Sirigada Saiteja	P	P	P	P	P	P
75	20Q61E0075	D Pruthvi Bhargav	P	P	P	P	P	P
76	20Q61E0076	Doda Divya	P	P	P	P	P	P
77	20Q61E0077	Donthula Ramya	P	P	P	P	P	P
78	20Q61E0078	Edla Raghavender	P	P	P	P	P	P
79	20Q61E0079	Eeramouni Anil Kumar	P	P	P	P	P	P

A. Nagesh
CO ORDINATOR
 Avanathi Institute of Engineering & Technology,
 Gunthapally (V), Abdullapur Met (Mdl),
 Rang. Reddy Dist, Telangana.

[Signature]
PRINCIPAL
 Avanathi Institute of Engg. & Tech
 Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist

[Signature]
Head of the Department
HOD
MBA
 Avanathi Institute of Engineering & Tech
 Gunthapally (V), Abdullapurmet (M)
 Rang. Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: ADMINISTRATIVE HR

II YEAR I-SEM

A.Y 2021-2022

Date: 08-11-2021 to 13-11-2021

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61E0001	Abbanagoni Mukesh	36	100
2	20Q61E0002	Addagatla Sandhya	36	100
3	20Q61E0003	Adepu Niharika	36	100
4	20Q61E0004	Ankagalla Jeevan	36	100
5	20Q61E0005	Attapuram Mamatha	36	100
6	20Q61E0006	B Manasa	36	100
7	20Q61E0007	B Saikumar	0	0
8	20Q61E0008	Bachanagoni Aishwarya	36	100
9	20Q61E0009	Badur Naveen	36	100
10	20Q61E0010	Bangarigada Swathi	36	100
11	20Q61E0011	Bathula Anupriya	36	100
12	20Q61E0012	Boddu Shirisha	36	100
13	20Q61E0013	Burra Aishwarya	36	100
14	20Q61E0014	Challa Shruthi	36	100
15	20Q61E0015	Chenna Prakash	36	100
16	20Q61E0016	Damma Kavitha	36	100
17	20Q61E0017	Devulapalli Uha	36	100
18	20Q61E0018	Dhanavath Ashok Naik	36	100
19	20Q61E0019	Eedhula Shirisha	36	100
20	20Q61E0020	Ettula Sai Prasanna	36	100
21	20Q61E0021	Gatla Prabath	36	100
22	20Q61E0022	Gavini Naveen Kumar	36	100
23	20Q61E0023	Goshika Sreevani	36	100
24	20Q61E0024	Jadala Naveen Kumar	36	100
25	20Q61E0025	K Anvesh	36	100
26	20Q61E0026	K Ramya Sri	36	100
27	20Q61E0027	Karingu Lavanya	36	100
28	20Q61E0028	Kasula Anusha	36	100
29	20Q61E0029	Kesani Sai Babu	36	100
30	20Q61E0030	Koduru Nagamani	36	100
31	20Q61E0031	Konreddy Lavanya	36	100
32	20Q61E0032	Korkela Vinay	36	100
33	20Q61E0033	Kuna Hari Chandana	36	100



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34	20Q61E0034	Kunapareddy Sony	0	0
35	20Q61E0035	Kyatham Manasa	36	100
36	20Q61E0036	Madduri Pavankalyan	36	100
37	20Q61E0037	Mandha Preethi	36	100
38	20Q61E0038	Mandla Yadagiri	36	100
39	20Q61E0039	Mandugala Pavani	0	0
40	20Q61E0040	Miriyala Kalyani	36	100
41	20Q61E0041	Miryala Nikhila Pravallika	36	100
42	20Q61E0042	Merugu Rajashekhar	36	100
43	20Q61E0043	Nomula Samitha	36	100
44	20Q61E0044	Pakala Narsimha	36	100
45	20Q61E0045	Palle Nikitha	36	100
46	20Q61E0046	Peesodi Shivani	36	100
47	20Q61E0047	Pippera Rohith	36	100
48	20Q61E0048	Pooja Gehlot	36	100
49	20Q61E0049	Rageeru Anil Kumar	36	100
50	20Q61E0050	Ravulakollu Reshma	36	100
51	20Q61E0051	Samala Sairam	36	100
52	20Q61E0052	Surgi Madhu	36	100
53	20Q61E0053	Tarak Jagadish	36	100
54	20Q61E0054	Thakur Kalyani	36	100
55	20Q61E0055	Thunga Navyasri	36	100
56	20Q61E0056	Vanam Omkar	36	100
57	20Q61E0057	Varala Preethi	36	100
58	20Q61E0058	Velugupally Shravani	36	100
59	20Q61E0059	Vijayagiri Sanjay	36	100
60	20Q61E0060	Yelugandula Mahipal	36	100
61	20Q61E0061	Yelugandula Srikanth	36	100
62	20Q61E0062	Vakdoth Shashi Rekha	36	100
63	20Q61E0063	Abbavathi Bhavani	36	100
64	20Q61E0064	Kampelli Simon Prakash	0	0
65	20Q61E0065	Anugu Pravalika	36	100
66	20Q61E0066	Badri Srinath Yadav	36	100
67	20Q61E0067	Bandari Charani	36	100
68	20Q61E0068	Belle Navya	36	100
69	20Q61E0069	Biradar Divya	36	100
70	20Q61E0070	Burri Nagamani	36	100
71	20Q61E0071	Chennarap Sharath	36	100
72	20Q61E0072	Pannala Bhavani	36	100
73	20Q61E0073	Chepuri Bhanuprakash	36	100



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74	20Q61E0074	Sirigada Saiteja	36	100
75	20Q61E0075	D Pruthvi Bhargav	36	100
76	20Q61E0076	Doda Divya	36	100
77	20Q61E0077	Donthula Ramya	36	100
78	20Q61E0078	Edla Raghavender	36	100
79	20Q61E0079	Eeramouni Anil Kumar	36	100

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

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

Nareena
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.
HOD



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 20-11-2022

PROGRAM REPORT

Name of Value Added Course: Administrative HR

Day/Duration: 06 Days (36 Hours)

Time: 10:00 Am to 04:00 pm

Resource Person: Dr.B.Nayeema Assistant Professor

Name of the Coordinator: Mr.A.Naresh Assistant Professor

Number of the Participants: 75

Topics covered: The following topics covered in this program

- Introduction to Human Resource Management Concept
- HR Procurement
- Training and Development
- Compensation management and Performance
- Managing employee relations

A.Naresh.
CO ORDINATOR
Avanathi 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

Nayeema
Head of the Department
HOD
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Gunthapally (VIII), Abdullapurmet (Mdl)
Ranga Reddy District.



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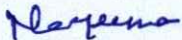
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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.MUKESH** Bearing roll number **20Q61E0001** from the department of **Master of Business and Administration** completed the value added course on "**ADMINISTRATIVE HR**" During the year **2021-22**.


Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl)
Ranga Reddy District.


COORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.


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



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

Department of Master of Business Administration


CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **D.RAMYA** Bearing roll number **20Q61E0077** from the department of **Master of Business and Administration** completed the value added course on "**ADMINISTRATIVE HR**" During the year **2021-22**.


Head of The Department

Head of the Department
MBA
Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy District.


CO ORDINATOR
Avanathi Institute of Engineering & Techno-
Co-Ordinator
Gunthapally (V), Abdullapur Met (M),
Ranga Reddy Dist, Telangana.


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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2021-22/SEM/I/02

Dates: 30-12-2021

CIRCULAR

This is to inform all the I Year MBA students that the Department organizing a value added course on "Statistical Package for the Social Sciences" The course is scheduled to run for 06 days from 03-01-2022 to 08-01-2022. 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 Dr.P.Sharma Professor, Department MBA with Brilliant Institute of Engineering & Technology.

HOD

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

I Year .MBA students

Dept. file

PRINCIPAL

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

ABOUT THE COURSE

SPSS is a widely used program for statistical analysis in social science. It is also used by market researchers, health researchers, survey companies, government, education researchers, marketing organizations, data miners, and others

COURSE OBJECTIVES

- Describe the SPSS interface. Enter and save data. Import data from Excel . Do data preparation and exploratory data analysis
- Create charts, histograms, and box plots
- Transform variables
- Perform statistical analyses such as t-test, one-way and two-way ANOVA, bivariate and multiple linear regressions, Chi-squared, and logistic regression Most of these tests will have the corresponding non-parametric procedure.
- Carry out the power analysis for each of the statistics tests mentioned above

EXPECTED OUTCOMES

After completion of the course, learners would be able to:

Have an in-depth understanding of MS Excel.

- Apply analytical excel skills and tools in business problem solving
- Organize data for effective analysis.
- Help in identifying and forecasting trends.
- .Make graphical presentation that provides real insight for taking important decisions.
- Equip themselves for better internship offers and self-employment

Resource Person

Dr.P.Sharma,

Professor

Subject Expert

Brilliant College

Co-ordinator

Mr.A.Naresh

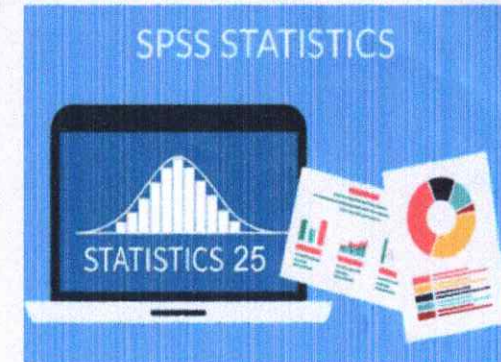
Assistant Professor

Department of MBA



AVANTHI

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VALUE ADD-ON COURSE ON

“STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES”

03rd JAN TO 08th JAN,2022

Duration of the course:30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION



[Signature]
PRINCIPAL
Avanthi Institute of Engg & Tech
Abdullapurmet (Mid) R.R.Dist

LAST DATE FOR REGISTRATION:01st JAN,2022



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: **STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES**

VALUE ADDED COURSE SYLLABUS

I YEAR-I SEM

ACADEMIC YEAR 2021-22

Course Objectives:

- Describe the SPSS interface. Enter and save data. Import data from Excel
- Do data preparation and exploratory data analysis
- Create charts, histograms, and box plots
- Transform variables
- Perform statistical analyses such as t-test, one-way and two-way ANOVA, bivariate and multiple linear regressions, Chi-squared, and logistic regression. Most of these tests will have the corresponding non-parametric procedure.
- Carry out the power analysis for each of the statistics tests mentioned above.

Course Outcomes: After completion of the course, learners would be able to

- Apply analytical excel skills and tools in business problem solving.
- Organize data for effective analysis.
- Help in identifying and forecasting trends.
- Make graphical presentation that provides real insight for taking important decisions.
- Equip themselves for better internship offers and self-employment.

UNIT-I : Getting started with the software: Introduction: Data Entry, Storing and Retrieving Files, Generating New Variables; Managing Data- Listing cases, replacing missing values, computing new variables, recoding variables, selecting cases, sorting cases, merging files, Graphs- Creating and editing graphs and charts; Descriptive Statistics Procedures: Frequencies, Descriptive, Explore, Cross Tabulation.

UNIT-II : Hypothesis Testing for Means-tests: One sample test, Independent samples and paired samples t-test; ANOVAs – One way analysis of variance with post hoc analysis, Two way analysis of variance.

UNIT-III: Testing for relationship between variables: Parametric and Non-Parametric Chi-square analysis; Bivariate Correlation and simple scatter Plot; Linear Regression: Simple Linear Regression, Multiple regression analysis with matrix scatter plot; Binary Logistic Regression, Discriminate Analysis.

UNIT-IV: Analysis of Structure: Cluster analysis: Hierarchical Cluster analysis, K-Means Cluster Analysis; Factor analysis / Principal Components Analysis

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Text Books:

1. Cronk, B. C. 2017. How to use SPSS: a step-by-step guide to analysis and interpretation. 9th Edition. Rutledge, New York, USA.
2. Denis, D. 2019. SPSS Data Analysis for Univariate, Bivariate and Multivariate Statistics. John Wiley & Sons, Inc. Hoboken, NJ
3. Field, A. P. 2018. Discovering Statistics using SPSS (Introducing Statistical Method). 5th Edition. SAGE Publications Ltd., California, USA
4. George, D. and P. Mallory. 2018. SPSS Statistics 23 Step-by-Step: A Simple Guide and Reference 15th Edition. Rutledge, New York, USA.

A. Daxesh

COORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

Nayema

HOD

Head of the Department
MBA

Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.

[Signature]

PRINCIPAL

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



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE: STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES

ACADEMIC YEAR 2021-22

Date: 30-12-2021

I YERA-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
03-01-2022	Introduction: Data Entry, Storing and Retrieving Files, Generating New Variables; Managing Data	10:00 am to 04:00 pm	5 hour
04-01-2022	recoding variables, selecting cases, sorting cases, merging files, Graphs	10:00 am to 04:00 pm	5 hour
05-01-2022	One sample test, Independent samples and paired samples t-test; ANOVAs	10:00 am to 04:00 pm	5 hour
06-01-2022	Parametric and Non-Parametric Chi-square analysis; Bivariate Correlation and simple scatter Plot	10:00 am to 04:00 pm	5 hour
07-01-2022	Linear Regression: Simple Linear Regression, Multiple regression analysis with matrix scatter plot; Binary Logistic Regression, Discriminate Analysis.	10:00 am to 04:00 pm	5 hour
08-01-2022	analysis: Hierarchical Cluster analysis, K-Means Cluster Analysis; Factor analysis / Principal Components Analysis	10:00 am to 04:00 pm	5 hour
			Total- 30 Hours

A. Nagesh
COORDINATOR
Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

[Signature]
PRINCIPAL
Avanathi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist

[Signature]
Head of the Department
Head of the Department
Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.



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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	Statistical Package for the Social Sciences	BREAK	Statistical Package for the Social Sciences	LUNCH	Statistical Package for the Social Sciences	BREAK	Statistical Package for the Social Sciences
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	Statistical Package for the Social Sciences	BREAK	Statistical Package for the Social Sciences	LUNCH	Statistical Package for the Social Sciences	BREAK	Statistical Package for the Social Sciences
TUE							
WED							
THU							
FRI							
SAT							

CO ORDINATOR
 Avanthi Institute of Engineering & Technology
 Gunthapally (V), Abdullapurmet (M),
 Ranga Reddy Dist, Telangana.

[Signature]
 PRINCIPAL
 Avanthi Institute of Engg. & Tech
 Gunthapally (V), Abdullapurmet (M), R.R Dist

[Signature]
 Head of the Department
 MBA
 HOD
 Avanthi Institute of Engineering & Technol
 Gunthapally (VIII), Abdullapurmet (Mdl),
 Ranga Reddy District.



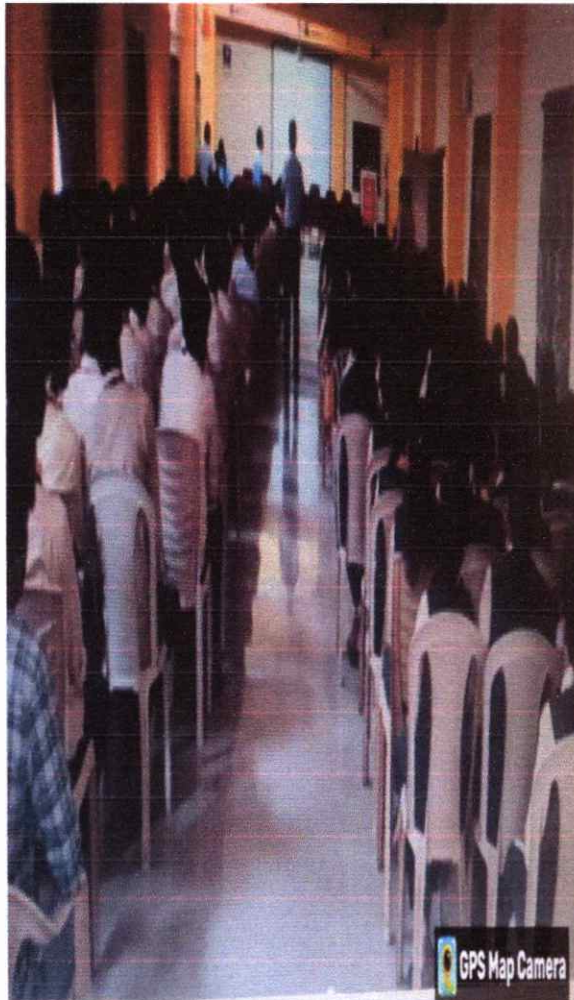
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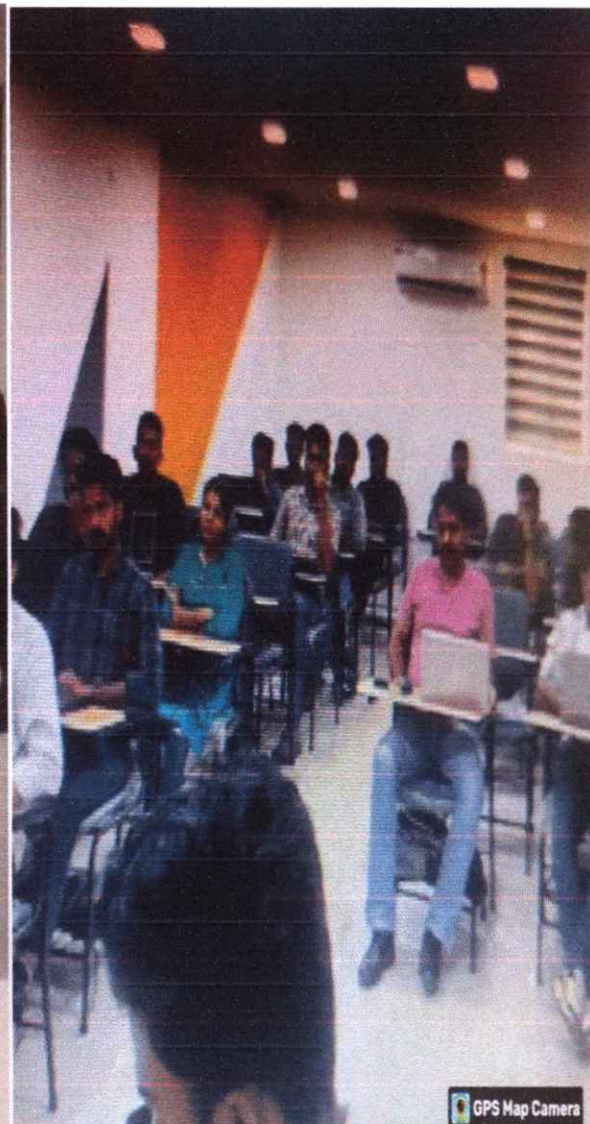
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www.aietg.ac.in email: principal.avanathi@gmail.com



GPS Map Camera

Rangareddy, Telangana, India
7PM5+879 AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, Avanthi College Rd,
Telangana 501512, India
Lat 17.283182°
Long 78.70809°
03/01/22 10:44 AM GMT +05:30



GPS Map Camera

Rangareddy, Telangana, India
7PM5+879 AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, Avanthi
College Rd, Telangana 501512, India
Lat 17.283182°
Long 78.70809°
07/02/22 10:48 AM GMT +05:30



The Students of I-Year MBA certificate program attending "Statistical Package for the Social Sciences" by the Resource Person "Dr.P.Sharma, Professor".

A. Jayesh.

COORDINATOR

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

PRINCIPAL

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

Nayana

Head of the Department
MBA

Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.

Avanthi Institute of Engineering and Technology



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES

I YEAR I-SEM ENROLLED STUDENTS LIST Date: 03-01-2022 to 08-01-2022

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	Cheguri chandanasree
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	Eliminetti sandeep reddy
25	21Q61E0025	Eslavath sikinder
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



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34	21Q61E0034	Gomasa naveena rani
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 reddy
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	Kothapally showshna
71	21Q61E0071	Kummari tharun
72	21Q61E0072	Lakkireddy ashokreddy
73	21Q61E0073	Lingampalli ajay kumar



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74	21Q61E0074	M raghavendher goud
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

A. Natesh.

CO ORDINATOR
CO ORDINATOR

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

Harshana

HOD
Head of the Department
MBA

Avanthi Institute of Engineering & Technology,
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.

[Signature]

PRINCIPAL

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



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES

I YEAR I-SEM

A.Y 2021-2022

Date: 30-12-2021

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	03.01.22	04.01.22	05.01.22	06.01.22	07.01.22	08.01.22
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	P	P	P	P	P	P
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	Cheguri chandanasree	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	Eliminetti sandeep reddy	P	P	P	P	P	P
25	21Q61E0025	Eslavath sikinder	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	P	P	P	P	P	P
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
37	21Q61E0037	Gunja madhu kumar	A	A	A	A	A	A



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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 bolllu	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	P	P	P	P	P	P
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 reddy	P	P	P	P	P	P
49	21Q61E0049	J helkana	P	P	P	P	P	P
50	21Q61E0050	V kaveri	P	P	P	P	P	P
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 afrid	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	P	P	P	P	P	P
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	Kothapally showshna	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
82	21Q61E0082	Mallarpatel swathi	P	P	P	P	P	P



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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	P	P	P	P	P	P
87	21Q61E0087	Moodampelli eshwari	P	P	P	P	P	P
88	21Q61E0088	Muthineni ravindhar	P	P	P	P	P	P

A. Natesh.

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

[Signature]
PRINCIPAL

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

[Signature]
Head of the Department
HOD
MBA
Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

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I YEAR I-SEM

A.Y 2021-2022

Date: 03-01-2022 to 08-01-2022

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	30	100
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	Cheguri chandanasree	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	Eliminetti sandeep reddy	30	100
25	21Q61E0025	Eslavath sikinder	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	30	100



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33	21Q61E0033	Gollaboina manjula	30	100
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	0	0
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	30	100
46	21Q61E0046	Madharapu ranga rao	30	100
47	21Q61E0047	Veldhandi manimala	30	100
48	21Q61E0048	Yarramreddy chinna anji reddy	30	100
49	21Q61E0049	J helkana	30	100
50	21Q61E0050	V kaveri	30	100
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62	21Q61E0062	K rajireddy	30	100
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66	21Q61E0066	Kasthala mahesh babu	30	100
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70	21Q61E0070	Kothapally showshna	30	100
71	21Q61E0071	Kummari tharun	30	100
72	21Q61E0072	Lakkireddy ashokreddy	30	100



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73	21Q61E0073	Lingampalli ajay kumar	30	100
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	30	100
83	21Q61E0083	Manda varsha	30	100
84	21Q61E0084	Meghavath sachin	30	100
85	21Q61E0085	Mettu varsha	30	100
86	21Q61E0086	Mohammad ameer	30	100
87	21Q61E0087	Moodampelli eshwari	30	100
88	21Q61E0088	Muthineni ravindhar	30	100

A. Naresh.

COORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (M), RR Dist,

Naresh

HOD

Head of the Department
MBA

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy District.

[Signature]

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 12-01-2022

PROGRAM REPORT

Name of Value Added Course: Statistical Package for the Social Sciences

Day/Duration: 06 Days (30Hours)

Time: 10:00 Am to 04:00 pm

Resource Person: Dr.P.Sharma, Professor, Subject Expert, Brilliant College

Name of the Coordinator: Mr.A.Naresh Assistant Professor.

Number of the Participants: 86

Topics covered: The following topics covered in this program

- Getting started with the software
- Hypothesis Testing for Means
- Hypothesis Testing for Means
- Analysis of Structure

A. Naresh

COORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL

Avanathi Institute of Engg. & Tech
Gunthapally (V), Abdullaourmet (Mdl) R.R.Dist

Naresh

HOD

**Head of the Department
MBA**

Avanathi Institute of Engineering & Techn
Gunthapally (Vill), Abdullapurmet (Md
Ranga Reddy District.



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

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.SRIKANTH** Bearing roll number **21Q61E0001** from the department of **Master of Business and Administration** completed the value added course on **"STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES"** During the year **2021-22**.

Nayana

Head of The Department

Head of the Department

MBA

Avanathi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

A. Nareth
CO ORDINATOR
Co-Ordinator

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

[Signature]
PRINCIPAL
Principal

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



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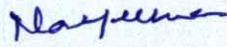
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Department of Master of Business Administration

CERTIFICATE


OF PARTICIPATION


This is to certify that Ms./Mr **M.VARSHA** Bearing roll number **21Q61E0085** from the department of **Master of Business and Administration** completed the value added course on "**STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES**" During the year **2021-22**.


Head of The Department

Head of the Department
MBA

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy District.


COORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.


Principal
Avanthi Institute of Engg. & Tech
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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2021-22/SEM/I/03

Dates: 01-02-2022

CIRCULAR

This is to inform all the II Year MBA students that the Department organizing a value added course on "Stock Trading" The course is scheduled to run for 06 days from 07-02-2022 to 12-02-2022. 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.M.Hemanath Babu with FTAPCCI

Head of Department
MBA

Avanathi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

II Year .MBA students

Dept. file

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ABOUT THE COURSE

These stock trading courses cover some popular jargon, such as Equity Funds, NFO, NAV, Debt Fund, Beta, Alpha, etc. It primarily focuses on practical examples, so novice investors and those from non-finance backgrounds are highly benefited.

COURSE OBJECTIVES

- To understand the capital market operations in India.
- To learn the importance of Regulatory Framework.
- To have a practical orientation towards the principles of investment, pricing and valuation.
- To learn the various methodologies of financial investment analysis.
- To develop the students' abilities on Stock market investment by giving exposure towards various tools and strategies of the Stock market.
- To motivate them on stock market investment to become a successful investor.

EXPECTED OUTCOMES

- Get Complete Knowledge of all four markets Equity, Future & Options, Commodity and Currency
- Get Complete practical training on Software used for online trading (ODIN Diet)
- Get Complete knowledge of Technical Analysis
- Get Complete knowledge of Fundamental Analysis
- Get Complete knowledge of Option Strategy Certification
- UDS model

Resource Person

Mr.M.Hemanath Babu
Subject Expert
FTAPCCI

Co-ordinator

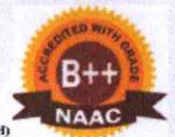
Mr.A.Venkata Balakrishna
Assistant Professor
Department of MBA

Handwritten signature
PRINCIPAL
Avanthi Institute of Engg. & Tech
Sinthapally (V), Addur (Mdl) R.R.Dist
DATE FOR REGISTRATION: 04th FEB, 2022



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ECE, CSE & EEE UG Programmes are Accredited by NBA
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VALUE ADD-ON COURSE ON "STOCK TRADING"

07th FEB TO 12th FEB, 2022

Duration of the course: 30 HRS

VENUE:

SEMINAR HALL

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS
ADMINISTRATION





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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STOCK TRADING

VALUE ADDED COURSE SYLLABUS

II YEAR-I SEM

ACADEMIC YEAR 2021-22

Course Objectives:

- To develop the student's ability to deal with Practical Approach towards Stock Market Operations.
- To enable the use of Study Chart Plans & Candlestick Patterns.
- To have a proper understanding of Future & Options Trading.

Course Outcomes:

After completion of the course, learners would be able to

- Understand the role and importance of Indian Stock market Operations.
- Apply and analyze the Concepts relevant to Indian Stock markets.
- Understand and analyze the mechanism and regulation of financial instruments and determine how the value of stocks, bonds, and securities.
- Evaluate empirical evidence of the market performance and accordingly the role of regulatory authorities to develop the financial market.

UNIT-I Unit -1 Introduction to Capital Market: Introduction to Different Market Platforms-Primary & Secondary Market IPO, FPO, Bonus & Buy Back of Shares Mutual Fund Investment-SIP, ETFs, BSE, NSE.

Unit -2 Procedure of Opening De-mat Account: Depository Participant's- CDSL, NSDL Part Time Brokers, Full Time Brokers Meaning of De-mat Account & Trading Account Procedure to open De-mat Account.

Unit-3 Trading in Equity, Commodity & Forward Market: Trading & Investment in Equity Market, Trading in Future & Option, Trading in Commodities. Forward Market

Unit-4 Practical Approach to Stock Market: Intra Day Trading Strategy, Delivery & Settlement Procedure, Study Chart Plans, Candlestick Patterns, Other Technical Tools for Analysis of Stock Market Operations.

REFERENCE BOOKS:

1. Dessler, G. (2010). Stock Marketing. New Delhi: Prentice Hall.

A. Dury

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Ranga Reddy Dist, Telangana.

SARL

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MBA

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STOCK TRADING

ACADEMIC YEAR 2021-22

Date: 01-02-2022

II YEAR-I SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
07-02-2022	Introduction to Different Market Platforms- Primary & Secondary Market IPO, FPO.	10:00 am to 04:00 pm	5 hour
08-02-2022	, Bonus & Buy Back of Shares Mutual Fund Investment-SIP, ETFs, BSE, and NSE.	10:00 am to 04:00 pm	5 hour
09-02-2022	Depository Participant's- CDSL, NSDL Part Time Brokers, Full Time Brokers Meaning of De-mat Account & Trading Account Procedure to open De-mat Account.	10:00 am to 04:00 pm	5 hour
10-02-2022	Trading & Investment in Equity Market, Trading in Future & Option, Trading in Commodities. Forward Market	10:00 am to 04:00 pm	5 hour
11-02-2022	Intra Day Trading Strategy, Delivery & Settlement Procedure, Study Chart Plans,	10:00 am to 04:00 pm	5 hour
12-02-2022	Candlestick Patterns, Other Technical Tools for Analysis of Stock Market Operations.	10:00 am to 04:00 pm	5 hour
Total- 30 Hours			

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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	Stock Trading	BREAK	Stock Trading	LUNCH	Stock Trading	BREAK	Stock Trading
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	Stock Trading	BREAK	Stock Trading	LUNCH	Stock Trading	BREAK	Stock Trading
TUE							
WED							
THU							
FRI							
SAT							


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The Students of I-Year MBA certificate Program Attending "Inbound Marketing" by the Resource Person "Dr.B.Ramulu", Associate Professor".

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STOCK TRADING

II YEAR I-SEM ENROLLED STUDENTS LIST Date: 07-02- 2022 to 12-02-2022

S.No	Roll Number	Name of The Student
1	20Q61E0080	Gundreddy Sravanthi
2	20Q61E0081	Junjuru Anilkumar
3	20Q61E0082	Junnu Harish
4	20Q61E0083	Kasaramoni Prashanth
5	20Q61E0084	Lingala Saikumar
6	20Q61E0085	Macha Ravinder
7	20Q61E0086	Machha Shiva Krishna
8	20Q61E0087	Narra Spandhana Reddy
9	20Q61E0088	Narri Ramalingam
10	20Q61E0089	Nimmala Kavitha
11	20Q61E0090	O Laxmi Durga Rao
12	20Q61E0091	Pakkir Vamshidhar Reddy
13	20Q61E0092	Palle Suresh Kumar
14	20Q61E0093	Panthangi Uma
15	20Q61E0094	Penta Rakesh
16	20Q61E0095	Polamoni Sai Kumar
17	20Q61E0096	Rachapally Vaishnavidevi
18	20Q61E0097	Surishetti Vasavi
19	20Q61E0098	T Thirupathi
20	20Q61E0099	Thotala Pavan Kumar
21	20Q61E00A0	Vaishnavi Sharma
22	20Q61E00A1	Vaskula Rajkumar
23	20Q61E00A2	Vishal Giri
24	20Q61E00A3	Yerra Manasa
25	20Q61E00A4	Kathalanu Swapna
26	20Q61E00A5	Vangapally Srikanth
27	20Q61E00A6	Bhushan Naveen Kumar
28	20Q61E00A7	Akash
29	20Q61E00A8	Mekarti Daniel
30	20Q61E00A9	Bardarker Sai Bhavani
31	20Q61E00B0	Chalavadi Venu Gopal
32	20Q61E00B1	Deepak Panda
33	20Q61E00B2	Kasu Venkata Naga Prasada
34	20Q61E00B3	Lanka Ramya
35	20Q61E00B4	Mohammad Amreen
36	20Q61E00B5	Mohammad Sohail
37	20Q61E00B6	Obulareddy Ravinderareddy
38	20Q61E00B7	Om Pavani Kota
39	20Q61E00B8	Paidipelli Sagar Goud



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40	20Q61E00B9	Surakanti Ravali
41	20Q61E00C0	Shaik Ata Ur Rahman
42	20Q61E00C1	Sunkari Shirisha
43	20Q61E00C2	Nagulapalli Jhansi
44	20Q61E00C3	Llollu Swapna
45	20Q61E00C4	Kotapati Venkata Gopala Krishna Reddy
46	20Q61E00C5	Gudugu Keerthana
47	20Q61E00C6	Ray Bitika
48	20Q61E00C7	Harinath Pendem
49	20Q61E00C8	Nazia Begum
50	20Q61E00C9	Jangam Kavya Reddy
51	20Q61E00D0	Patel Abhishek Reddy
52	20Q61E00D1	Rathlavath Shankar
53	20Q61E00D2	Bharatha Sai Vardhan
54	20Q61E00D3	Godha Sony
55	20Q61E00D4	Guduru Sampath Reddy
56	20Q61E00D5	Deshaboina Hareesh
57	20Q61E00D6	Bommani Mallikarjun
58	20Q61E00D7	Farooq Abdullah
59	20Q61E00D8	Parne Avinash
60	20Q61E00D9	Gutha Vinay Kumar Reddy
61	20Q61E00E0	Vaddepally Manisha
62	20Q61E00E1	Pallerla Sai Kishore Kumar
63	20Q61E00E2	Pasala Vinay Raju
64	20Q61E00E3	Surkanti Mahepal Reddy
65	20Q61E00E4	Tummalapall Y Sainath
66	20Q61E00E5	Katta Ranjith Kumar
67	20Q61E00E6	Bdhanalaxmi
68	20Q61E00E7	Guvvala Shiva Vara Prasad
69	20Q61E00E8	Dopathi Gamanisri
70	20Q61E00E9	Prodaturu Shiva Kumar
71	20Q61E00F0	B Pallavi
72	20Q61E00F1	Thathari Sunny
73	20Q61E00F2	Vardalle Shravan Kumar
74	20Q61E00F3	Revanuru Sravan Teja
75	20Q61E00F4	Sarvigari Akhileshwarreddy
76	20Q61E00F5	Gunji Venu Gopal
77	20Q61E00F6	B Ajithabreddy
78	20Q61E00F7	N Ganga

A. Q. P.
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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STOCK TRADING

II YEAR I-SEM

A.Y 2021-2022

Date: 01-02-2022

DAYWISE ATTENDANCE SHEET

S.No	Roll Number	Name of The Student	07.02.22	08.02.22	09.02.22	10.02.22	11.02.22	12.02.22
1	20Q61E0080	Gundreddy Sravanthi	P	P	P	P	P	P
2	20Q61E0081	Junjuru Anilkumar	P	P	P	P	P	P
3	20Q61E0082	Junnu Harish	P	P	P	P	P	P
4	20Q61E0083	Kasaramoni Prashanth	P	P	P	P	P	P
5	20Q61E0084	Lingala Saikumar	P	P	P	P	P	P
6	20Q61E0085	Macha Ravinder	A	A	A	A	A	A
7	20Q61E0086	Machha Shiva Krishna	P	P	P	P	P	P
8	20Q61E0087	Narra Spandhana Reddy	P	P	P	P	P	P
9	20Q61E0088	Narri Ramalingam	P	P	P	P	P	P
10	20Q61E0089	Nimmala Kavitha	P	P	P	P	P	P
11	20Q61E0090	O Laxmi Durga Rao	P	P	P	P	P	P
12	20Q61E0091	Pakkir Vamshidhar Reddy	P	P	P	P	P	P
13	20Q61E0092	Palle Suresh Kumar	P	P	P	P	P	P
14	20Q61E0093	Panthangi Uma	P	P	P	P	P	P
15	20Q61E0094	Penta Rakesh	P	P	P	P	P	P
16	20Q61E0095	Polamoni Sai Kumar	P	P	P	P	P	P
17	20Q61E0096	Rachapally Vaishnavidevi	P	P	P	P	P	P
18	20Q61E0097	Surishetti Vasavi	P	P	P	P	P	P
19	20Q61E0098	T Thirupathi	P	P	P	P	P	P
20	20Q61E0099	Thotala Pavan Kumar	P	P	P	P	P	P
21	20Q61E00A0	Vaishnavi Sharma	P	P	P	P	P	P
22	20Q61E00A1	Vaskula Rajkumar	P	P	P	P	P	P
23	20Q61E00A2	Vishal Giri	P	P	P	P	P	P
24	20Q61E00A3	Yerra Manasa	P	P	P	P	P	P
25	20Q61E00A4	Kathalanu Swapna	P	P	P	P	P	P
26	20Q61E00A5	Vangapally Srikanth	P	P	P	P	P	P
27	20Q61E00A6	Bhushan Naveen Kumar	P	P	P	P	P	P
28	20Q61E00A7	Akash	P	P	P	P	P	P
29	20Q61E00A8	Mekarti Daniel	P	P	P	P	P	P
30	20Q61E00A9	Bardarker Sai Bhavani	P	P	P	P	P	P
31	20Q61E00B0	Chalavadi Venu Gopal	P	P	P	P	P	P
32	20Q61E00B1	Deepak Panda	P	P	P	P	P	P
33	20Q61E00B2	Kasu Venkata Naga Prasada	P	P	P	P	P	P
34	20Q61E00B3	Lanka Ramya	P	P	P	P	P	P
35	20Q61E00B4	Mohammad Amreen	P	P	P	P	P	P
36	20Q61E00B5	Mohammad Sohel	P	P	P	P	P	P
37	20Q61E00B6	Obulareddy Ravinderareddy	P	P	P	P	P	P
38	20Q61E00B7	Om Pavani Kota	P	P	P	P	P	P
39	20Q61E00B8	Paidipelli Sagar Goud	P	P	P	P	P	P
40	20Q61E00B9	Surakanti Ravali	P	P	P	P	P	P
41	20Q61E00C0	Shaik Ata Ur Rahman	P	P	P	P	P	P
42	20Q61E00C1	Sunkari Shirisha	A	A	A	A	A	A
43	20Q61E00C2	Nagulapalli Jhansi	P	P	P	P	P	P
44	20Q61E00C3	Llollu Swapna	P	P	P	P	P	P
45	20Q61E00C4	Kotapati Venkata Gopala Krishna Reddy	P	P	P	P	P	P



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46	20Q61E00C5	Gudugu Keerthana	P	P	P	P	P	P
47	20Q61E00C6	Ray Bitika	P	P	P	P	P	P
48	20Q61E00C7	Harinath Pendem	P	P	P	P	P	P
49	20Q61E00C8	Nazia Begum	P	P	P	P	P	P
50	20Q61E00C9	Jangam Kavya Reddy	P	P	P	P	P	P
51	20Q61E00D0	Patel Abhishek Reddy	P	P	P	P	P	P
52	20Q61E00D1	Rathlavath Shankar	P	P	P	P	P	P
53	20Q61E00D2	Bharatha Sai Vardhan	P	P	P	P	P	P
54	20Q61E00D3	Godha Sony	P	P	P	P	P	P
55	20Q61E00D4	Guduru Sampath Reddy	P	P	P	P	P	P
56	20Q61E00D5	Deshaboina Hareesh	P	P	P	P	P	P
57	20Q61E00D6	Bommani Mallikarjun	P	P	P	P	P	P
58	20Q61E00D7	Farooq Abdullah	P	P	P	P	P	P
59	20Q61E00D8	Parne Avinash	P	P	P	P	P	P
60	20Q61E00D9	Gutha Vinay Kumar Reddy	P	P	P	P	P	P
61	20Q61E00E0	Vaddepally Manisha	P	P	P	P	P	P
62	20Q61E00E1	Pallerla Sai Kishore Kumar	P	P	P	P	P	P
63	20Q61E00E2	Pasala Vinay Raju	A	A	A	A	A	A
64	20Q61E00E3	Surkanti Mahepal Reddy	P	P	P	P	P	P
65	20Q61E00E4	Tummalapall Y Sainath	P	P	P	P	P	P
66	20Q61E00E5	Katta Ranjith Kumar	P	P	P	P	P	P
67	20Q61E00E6	Bdhanalaxmi	P	P	P	P	P	P
68	20Q61E00E7	Guvvala Shiva Vara Prasad	P	P	P	P	P	P
69	20Q61E00E8	Dopathi Gamanisri	P	P	P	P	P	P
70	20Q61E00E9	Prodaturu Shiva Kumar	P	P	P	P	P	P
71	20Q61E00F0	B Pallavi	P	P	P	P	P	P
72	20Q61E00F1	Thathari Sunny	P	P	P	P	P	P
73	20Q61E00F2	Vardalle Shravan Kumar	P	P	P	P	P	P
74	20Q61E00F3	Revanuru Sravan Teja	P	P	P	P	P	P
75	20Q61E00F4	Sarvigari Akhileshwarreddy	P	P	P	P	P	P
76	20Q61E00F5	Gunji Venu Gopal	P	P	P	P	P	P
77	20Q61E00F6	B Ajithabreddy	P	P	P	P	P	P
78	20Q61E00F7	N Ganga	P	P	P	P	P	P

A. D. Reddy

CO ORDINATOR

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

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[Signature]

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Head of the Department
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Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: STOCK TRADING

II YEAR I-SEM

A.Y 2021-2022

Date: 07-02- 2022 to 12-02-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	20Q61E0080	Gundreddy Sravanthi	30	100
2	20Q61E0081	Junjuru Anilkumar	30	100
3	20Q61E0082	Junnu Harish	30	100
4	20Q61E0083	Kasaramoni Prashanth	30	100
5	20Q61E0084	Lingala Saikumar	30	100
6	20Q61E0085	Macha Ravinder	0	0
7	20Q61E0086	Machha Shiva Krishna	30	100
8	20Q61E0087	Narra Spandhana Reddy	30	100
9	20Q61E0088	Narri Ramalingam	30	100
10	20Q61E0089	Nimmala Kavitha	30	100
11	20Q61E0090	O Laxmi Durga Rao	30	100
12	20Q61E0091	Pakkir Vamshidhar Reddy	30	100
13	20Q61E0092	Palle Suresh Kumar	30	100
14	20Q61E0093	Panthangi Uma	30	100
15	20Q61E0094	Penta Rakesh	30	100
16	20Q61E0095	Polamoni Sai Kumar	30	100
17	20Q61E0096	Rachapally Vaishnavidevi	30	100
18	20Q61E0097	Surishetti Vasavi	30	100
19	20Q61E0098	T Thirupathi	30	100
20	20Q61E0099	Thotala Pavan Kumar	30	100
21	20Q61E00A0	Vaishnavi Sharma	30	100
22	20Q61E00A1	Vaskula Rajkumar	30	100
23	20Q61E00A2	Vishal Giri	30	100
24	20Q61E00A3	Yerra Manasa	30	100
25	20Q61E00A4	Kathalanu Swapna	30	100
26	20Q61E00A5	Vangapally Srikanth	30	100
27	20Q61E00A6	Bhushan Naveen Kumar	30	100
28	20Q61E00A7	Akash	30	100
29	20Q61E00A8	Mekarti Daniel	30	100
30	20Q61E00A9	Bardarker Sai Bhavani	30	100
31	20Q61E00B0	Chalavadi Venu Gopal	30	100
32	20Q61E00B1	Deepak Panda	30	100
33	20Q61E00B2	Kasu Venkata Naga Prasada	30	100
34	20Q61E00B3	Lanka Ramya	30	100



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35	20Q61E00B4	Mohammad Amreen	30	100
36	20Q61E00B5	Mohammad Sohel	30	100
37	20Q61E00B6	Obulareddy Ravinderareddy	30	100
38	20Q61E00B7	Om Pavani Kota	30	100
39	20Q61E00B8	Paidipelli Sagar Goud	30	100
40	20Q61E00B9	Surakanti Ravali	30	100
41	20Q61E00C0	Shaik Ata Ur Rahman	30	100
42	20Q61E00C1	Sunkari Shirisha	0	0
43	20Q61E00C2	Nagulapalli Jhansi	30	100
44	20Q61E00C3	Llollu Swapna	30	100
45	20Q61E00C4	Kotapati Venkata Gopala Krishna	30	100
46	20Q61E00C5	Gudugu Keerthana	30	100
47	20Q61E00C6	Ray Bitika	30	100
48	20Q61E00C7	Harinath Pendem	30	100
49	20Q61E00C8	Nazia Begum	30	100
50	20Q61E00C9	Jangam Kavya Reddy	30	100
51	20Q61E00D0	Patel Abhishek Reddy	30	100
52	20Q61E00D1	Rathlavath Shankar	30	100
53	20Q61E00D2	Bharatha Sai Vardhan	30	100
54	20Q61E00D3	Godha Sony	30	100
55	20Q61E00D4	Guduru Sampath Reddy	30	100
56	20Q61E00D5	Deshaboina Hareesh	30	100
57	20Q61E00D6	Bommani Mallikarjun	30	100
58	20Q61E00D7	Farooq Abdullah	30	100
59	20Q61E00D8	Parne Avinash	30	100
60	20Q61E00D9	Gutha Vinay Kumar Reddy	30	100
61	20Q61E00E0	Vaddepally Manisha	30	100
62	20Q61E00E1	Pallerla Sai Kishore Kumar	30	100
63	20Q61E00E2	Pasala Vinay Raju	0	0
64	20Q61E00E3	Surkanti Mahepal Reddy	30	100
65	20Q61E00E4	Tummalapall Y Sainath	30	100
66	20Q61E00E5	Katta Ranjith Kumar	30	100
67	20Q61E00E6	Bdhanalaxmi	30	100
68	20Q61E00E7	Guvvala Shiva Vara Prasad	30	100
69	20Q61E00E8	Dopathi Gamanisri	30	100
70	20Q61E00E9	Prodaturu Shiva Kumar	30	100
71	20Q61E00F0	B Pallavi	30	100
72	20Q61E00F1	Thathari Sunny	30	100
73	20Q61E00F2	Vardalle Shravan Kumar	30	100
74	20Q61E00F3	Revanuru Sravan Teja	30	100



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75	20Q61E00F4	Sarvigari Akhileshwarreddy	30	100
76	20Q61E00F5	Gunji Venu Gopal	30	100
77	20Q61E00F6	B Ajithabreddy	30	100
78	20Q61E00F7	N Ganga	30	100

A. [Signature]
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

[Signature]
HOD
Head of the Department
MBA
Avanthi Institute of Engineering & Techno
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 18-02-2022

PROGRAM REPORT

Name of Value Added Course: Stock Trading

Day/Duration: 06 Days (30Hours)

Time: 10:00 am to 04:00 pm

Resource Person: Mr.M.Hemanath Babu, Subject Expert, FTAPCCI

Name of the Coordinator: Mr.A.Venkata Balakrishna, Assistant Professor.

Number of the Participants: 75

Topics covered: The following topics covered in this program

- Introduction to Capital Market:
- Procedure of Opening De-mat Account
- Trading in Equity, Commodity & Forward Market
- Practical Approach to Stock Market

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.GANGA** Bearing roll number **20Q61E00F7** from the department of **Master of Business and Administration** completed the value added course on "**STOCK TRADING**"

During the year **2021-22**.

Head of the Department
MBA

Avanthi Institute of Engineering & Technology
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Ranga Reddy District.

CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Md),
Ranga Reddy Dist, Telangana.

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



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

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.SRAVANTHI** Bearing roll number **20Q61E0080** from the department of **Master of Business and Administration** completed the value added course on **"STOCK TRADING"** During the year **2021-22**.

Head of the Department
Head of The Department
MBA

Avanathi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy District.

CO-ORDINATOR

Avanathi Institute of Engineering & Technology
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CO-ORDINATOR

Principal

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVIH/MBA/AOC/CIR/2021-22/SEM/II/01

Dates: 22-06-2022

CIRCULAR

This is to inform all the I Year MBA students that the Department organizing a value added course on "Inbound Marketing" Department Advisory Committee has been identified **Dr.B.Ramulu, Associate Professor, Department of MBA** as a resource person for this course. The course is scheduled to run for 06 days from 27-06-2022 to 02-07-2022. Participating students will be awarded certificates of Course Completion. Hence those who are interested can sign in registration form.

HOD
Head of the Department
MBA

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (M),
Ranga Reddy District.

Copy to:

The principal, for kind information

IQAC

Notice Board

I Year .MBA students

Dept. file

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ABOUT THE COURSE

Inbound marketing is a method of growing your business by building lasting relationships with consumers, prospects, and clients by “pulling” them to your brand via SEO, content marketing, social media, video marketing, and more. It is often divided into four stages: attract, convert, close, and delight. The biggest reason why inbound marketing strategies are effective is “pull power.” Instead of advertising to the customer, as traditional outbound marketing does, inbound marketing focuses on creating reasons for the customer to come to you. You can do this by publishing helpful content, personalizing your social media pages and website copy, and trying out other techniques discussed below. Let’s talk about what inbound marketing is, the most effective inbound marketing strategies, and how you can use these to grow your business or startup.

COURSE OBJECTIVES

- Understand the conceptual framework of Digital Marketing
- Understand How Customers behave in digital space
- Understand the concepts of Value Creation, delivery and communication in digital space
- Legal and Ethical Issues in Internet Marketing
- Understand the workings of paid advertisement and search engine optimized advertisements on popular search engine.
- Understand how to use web analytics and the concept of ROI in Digital space
- Understand the usage of Social Media
- This course helps the companies to increase brand awareness, drive sales and/or leads

EXPECTED OUTCOMES

The main goal of successful inbound marketing campaign is to attract and engage more customers, generate more leads, nurture leads, build trust and credibility, raise brand awareness which attracts customers, and foster long-term customer relationships.

At the end of this course, students would be able to:

1. Understand the concept of digital marketing and its real-world iterations
2. Articulate innovative insights of digital marketing enabling a competitive edge
3. Understand how to create and run digital media based campaigns
4. Identify and utilize various tools such as social media etc.

Resource Person
Dr.B.Ramulu
Assistant Professor
Department of MBA

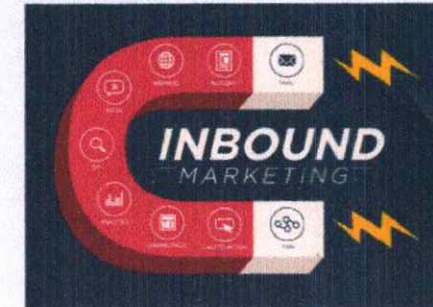
Co-ordinator
Mr.M.Naresh,
Assistant Professor
Department of MBA

LAST DATE FOR REGISTRATION: 25th JUNE, 2022



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VALUE ADD-ON COURSE ON
“INBOUND MARKETING”

27th JUNE TO 02nd JULY, 2022

Duration of the course: 32 HRS

VENUE:
SEMINAR HALL
ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS
ADMINISTRATION





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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: INBOUND MARKETING

VALUE ADDED COURSE SYLLABUS

I YEAR-II SEM

ACADEMIC YEAR 2021-22

Course Objectives:

- This course aims to familiarize students with the concept of digital marketing and its current and future evolutions. It further aims to be able to equip students with the ability to understand and subsequently create strategic and targeted campaigns using digital media tools

Course Outcomes:

After completion of the course, learners would be able to

- Identify the basic principles of marketing.
- Explain how marketing strategies are created and used.
- Examine how marketing inbound strategies have changed.
- Evaluate customers' needs, wants, and problems.
- Create strategies for customers.

UNIT-I : Introduction to marketing, Scope of marketing, Various Marketing Concepts, What and who is marketed, Kinds of markets, What are different kinds of marketing objectives, Acquisition and increasing usage, Building loyalty and increasing retention, What is Online Traffic, Types of Online Traffic, How to increase Online Traffic, Methods of Promoting Business Online.

UNIT-II : Understanding Domain Name and Domain Extensions, How to Choose a Domain Name, What is Web Server and Web Hosting, Types of Hosting Plans, Understanding Conversion Process, Types of Conversion, Types of Leads, Inbound Marketing Vs Outbound Marketing, Basic of Website Designing Terms, What is a Website, Types of Website : Based on Objective and Functionality.

UNIT-III: Business Website, Content Planning and creating a Site Budget, Project Overview Preparing to Build the Site Creating Core Content, Creating News and Blog Posts Set the Home and Blog Page Organizing Content.

UNIT-IV: Guest Posting, Q/A link Building, Social Bookmarking, Blog Comments, Press Release, Forums, Profile links, Directory Submission, Resource Pages, Search Engine Submission, Article Submission, Image Sharing, Video Marketing, Business Reviews, Social Shopping Network, Info graphics, Classified Posting, Document Sharing, Competitor's Backlink, Broken Link Building

TEXT BOOKS:

1. Hallgan, B., & Shar, D. (2014). Inbound marketing (2nd ed.) John Wiley & Sons, Inc.


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2. Ford, J. E. (2018). Social media marketing for the future: Strategies for 2020 & beyond: Stay ahead of the Competition

M. Nareesh.

CO ORDINATOR

CO ORDINATOR

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdi),
Ranga Reddy Dist, Telangana.

[Handwritten Signature]

PRINCIPAL

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

[Handwritten Signature]

HOD

Head of the Department

MBA

Avanthi Institute of Engineering & Technology
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Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: INBOUND MARKETING

ACADEMIC YEAR 2021-22

Date: 22-06-2022

I YEAR-II SEM

DAY WISE SCHEDULE SHEET

DAY	Topic	Timings	Duration
27-06-2022	Introduction to marketing, Scope of marketing, Various Marketing Concepts, What and who is marketed, Kinds of markets.	09:30 am to 04:00 pm	6 Hours
28-06-2022	Building loyalty and increasing retention, What is Online Traffic, Types of Online Traffic, How to increase Online Traffic, Methods of Promoting.	09:30 am to 04:00 pm	6 Hours
29-06-2022	Understanding Domain Name and Domain Extensions, How to Choose a Domain Name	09:30 am to 04:00 pm	6 Hours
30-06-2022	Business Website, Content Planning and creating a Site Budget, Project Overview	09:30 am to 04:00 pm	6 Hours
01-07-2022	Guest Posting, Q/A link Building, Social Bookmarking, Blog Comments,	09:30 am to 04:00 pm	6 Hours
02-07-2022	Search Engine Submission, Article Submission, Image Sharing, Video Marketing, Business Reviews, Social Shopping Network, Info graphics, Classified Posting, Document Sharing, Competitor's Back link, Broken Link Building.	09:30 am to 04:00 pm	6 Hours
Total- 36 Hours			

M. Naveesh

CO ORDINATOR

CO ORDINATOR

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Ranga Reddy Dist, Telangana.

[Signature]

PRINCIPAL

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

[Signature]

HOD

Head of the Department
MBA

Avanthi Institute of Engineering & Tech
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Ranga Reddy District.



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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	Inbound Marketing	BREAK	Inbound Marketing	LUNCH	Inbound Marketing	BREAK	Inbound Marketing
TUE							
WED							
THU							
FRI							
SAT							

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	Inbound Marketing	BREAK	Inbound Marketing	LUNCH	Inbound Marketing	BREAK	Inbound Marketing
TUE							
WED							
THU							
FRI							
SAT							

M. Naresh
CO ORDINATOR
CO ORDINATOR

Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (M), RR Dist

[Signature]
PRINCIPAL

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

[Signature]
HOD

Head of the Department
MBA

Avanthi Institute of Engineering & Technology,
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Kanga Reddy District.



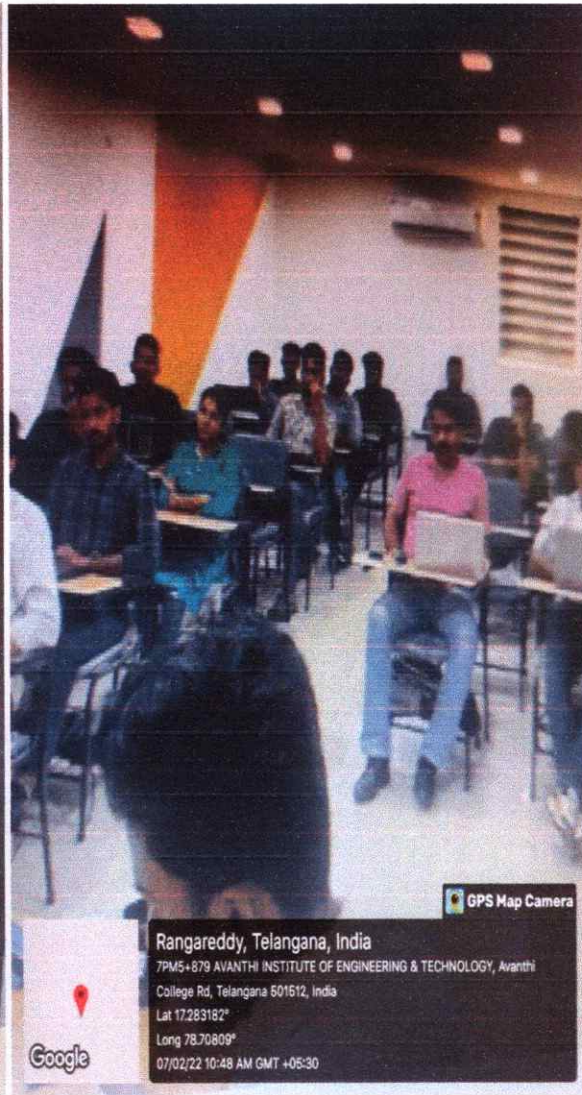
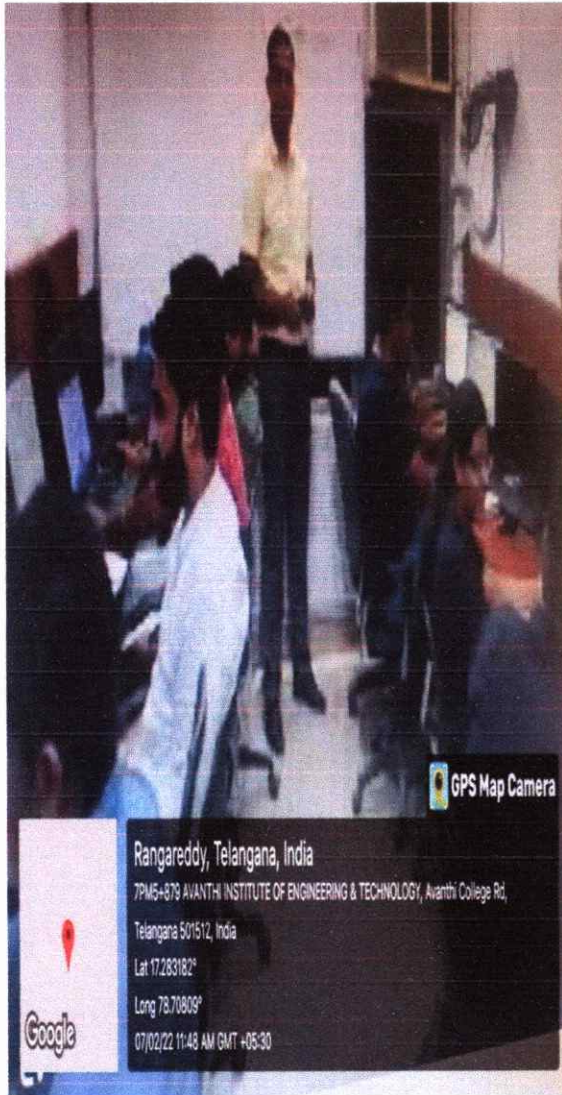
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The Students of II-Year MBA certificate program attending "Stock Trading" by the Resource Person "Mr.M.Hemanath" By 'FTAPCCI'.

M. N. Reddy Sd.
COORDINATOR

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

PRINCIPAL

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HOD

**Head of the Department
MBA**

Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: INBOUND MARKETING

I YEAR II-SEM ENROLLED STUDENTS LIST Date: 27-06-2022 to 02-07-2022

S.No	Roll Number	Name of The Student
1	21Q61E0089	Mutukuloju akhila
2	21Q61E0090	Mylaram sharath kumar
3	21Q61E0091	N 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	Pepriya keshavlal
12	21Q61E00A0	Polagani satheesh
13	21Q61E00A1	Ponnaluri prasanna ratna teja
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	Parichi Atchyuth Balarama sarma
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
36	21Q61E00C4	Radharapu sravani



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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	Udugula saidulu
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
72	21Q61E00G0	Sk babar
73	21Q61E00G1	Yamjala bhavana
74	21Q61E00G2	Gangani mounika
75	21Q61E00G3	Nagoju laxmi prasanna
76	21Q61E00G4	Muppalla mamatha



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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

M. Daxeth

CO ORDINATOR

Avanthi Institute of Engineering & Technology,
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[Signature]

PRINCIPAL

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

[Signature]

HOD

Head of the Department
MBA

Avanthi Institute of Engineering & Technology,
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: INBOUND MARKETING

I YEAR II-SEM

A.Y 2021-2022

Date: 22-06-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	27.06.22	28.06.22	29.06.22	30.06.22	01.07.22	02.07.22
1	21Q61E0089	Mutukuloju akhila	P	P	P	P	P	P
2	21Q61E0090	Mylaram sharath kumar	P	P	P	P	P	P
3	21Q61E0091	N 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	P	P	P	P	P	P
9	21Q61E0097	Peddini ramesh	P	P	P	P	P	P
10	21Q61E0098	Pentala ramesh	P	P	P	P	P	P
11	21Q61E0099	Pepriya keshavlal	P	P	P	P	P	P
12	21Q61E00A0	Polagani satheesh	P	P	P	P	P	P
13	21Q61E00A1	Ponnaluri prasanna ratna teja	P	P	P	P	P	P
14	21Q61E00A2	Pottipaka nagaraju	A	A	A	A	A	A
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	P	P	P	P	P	P
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	Parichi Atchyuth Balarama sarma	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	P	P	P	P



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37	21Q61E00C5	Rajpathi reena	P	P	P	P	P	P
38	21Q61E00C6	Ramagiri nikitha	P	P	P	P	P	P
39	21Q61E00C7	Sabbithi chandini	P	P	P	P	P	P
40	21Q61E00C8	Sabavath gancsh	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	Udugula saidulu	P	P	P	P	P	P
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	A	A	A	A	A	A
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	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	A	A	A	A	A	A
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



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81	21Q61E00G9	Jilla sridhar	P	P	P	P	P	P
82	21Q61E00H0	Gajula sri lakshmi tirupathamma	P	P	P	P	P	P
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	P	P	P	P	P	P
87	21Q61E00H5	Nellutla vindhya	P	P	P	P	P	P

M. Dakesh

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Ranga Reddy District.

[Signature]

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

VALUE ADDED COURSE NAME: INBOUND MARKETING

I YEAR II-SEM

A.Y 2021-202

Date: 27-06-2022 to 02-07-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	21Q61E0089	Mutukuloju akhila	36	100
2	21Q61E0090	Mylaram sharath kumar	36	100
3	21Q61E0091	N ganesh	36	100
4	21Q61E0092	N nikitha	36	100
5	21Q61E0093	Nagam anusha	36	100
6	21Q61E0094	Nomula mahesh	36	100
7	21Q61E0095	Palenki pratyusha	36	100
8	21Q61E0096	Parikipalla sai kumar	36	100
9	21Q61E0097	Peddini ramesh	36	100
10	21Q61E0098	Pentala ramesh	36	100
11	21Q61E0099	Pepriya keshavlal	36	100
12	21Q61E00A0	Polagani satheesh	36	100
13	21Q61E00A1	Ponnaluri prasanna ratna teja	36	100
14	21Q61E00A2	Pottipaka nagaraju	0	0
15	21Q61E00A3	B jeevan	36	100
16	21Q61E00A4	E pavankalyan	36	100
17	21Q61E00A5	B sravan kumar	36	100
18	21Q61E00A6	Badam pavan kumar	36	100
19	21Q61E00A7	Manamalla rajeshwari	36	100
20	21Q61E00A8	Manavalla aravind	36	100
21	21Q61E00A9	Dabbikar sowmya	36	100
22	21Q61E00B0	Bonkuri pranaya sri	36	100
23	21Q61E00B1	Begavi sai krishna	36	100
24	21Q61E00B2	Shaik rawoof	36	100
25	21Q61E00B3	R thirumalesh	36	100
26	21Q61E00B4	Bandaru sai kumar	36	100
27	21Q61E00B5	Kadari shiva prasad	36	100
28	21Q61E00B6	A harish kumar	36	100
29	21Q61E00B7	Parichi Atchyuth Balarama sarma	36	100
30	21Q61E00B8	Bushigampala likhitha	36	100
31	21Q61E00B9	Ragipani akhil chary	36	100
32	21Q61E00C0	Juveria tabassum	36	100



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33	21Q61E00C1	Pulijala bhavana	36	100
34	21Q61E00C2	R sandeep goud	36	100
35	21Q61E00C3	Rachakonda shirisha	36	100
36	21Q61E00C4	Radharapu sravani	36	100
37	21Q61E00C5	Rajpathi reena	36	100
38	21Q61E00C6	Ramagiri nikitha	36	100
39	21Q61E00C7	Sabbithi chandini	36	100
40	21Q61E00C8	Sabavath ganesh	36	100
41	21Q61E00C9	Sai reddy navya	36	100
42	21Q61E00D0	Sama bhavani	36	100
43	21Q61E00D1	Samanthula shivani	36	100
44	21Q61E00D2	Sardar tarandeep singh	36	100
45	21Q61E00D3	Seetha giri	36	100
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47	21Q61E00D5	Silmula bhargavi	36	100
48	21Q61E00D6	Somishetty mukesh	36	100
49	21Q61E00D7	Sonkamble pooja	36	100
50	21Q61E00D8	Surugu vamshi	36	100
51	21Q61E00D9	T niharika	36	100
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55	21Q61E00E3	Thogarapally keshav kumar	36	100
56	21Q61E00E4	Thota deepika	36	100
57	21Q61E00E5	Thota madhu	36	100
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62	21Q61E00F0	Vangapandla kalpana	36	100
63	21Q61E00F1	Veeramalla akhila	36	100
64	21Q61E00F2	Veerla akhila	36	100
65	21Q61E00F3	Vemula divyasree	0	0
66	21Q61E00F4	Votarkar mounika	36	100
67	21Q61E00F5	Y maheswari	36	100
68	21Q61E00F6	Yadawar pranoti shankar	36	100
69	21Q61E00F7	Yasa harshitha	36	100
70	21Q61E00F8	Mohammed anwarpasha	36	100
71	21Q61E00F9	Kandula mahananda	36	100
72	21Q61E00G0	Sk babar	36	100



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73	21Q61E00G1	Yamjala bhavana	36	100
74	21Q61E00G2	Gangani mounika	36	100
75	21Q61E00G3	Nagoju laxmi prasanna	0	0
76	21Q61E00G4	Muppalla mamatha	36	100
77	21Q61E00G5	Yellanki srikanth	36	100
78	21Q61E00G6	Gundla durga	36	100
79	21Q61E00G7	Keshagoni jeshwanth	36	100
80	21Q61E00G8	Tusamad sanjana	36	100
81	21Q61E00G9	Jilla sridhar	36	100
82	21Q61E00H0	Gajula sri lakshmi tirupathamma	36	100
83	21Q61E00H1	Ch shiva sai guptha	36	100
84	21Q61E00H2	Kodiganti vijaya laxmi	36	100
85	21Q61E00H3	Peddinti sushma reddy	36	100
86	21Q61E00H4	Musku preethi	36	100
87	21Q61E00H5	Nellutla vindhya	36	100

M. Navesh

CO ORDINATOR

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Ranga Reddy Dist, Telangana.

[Signature]

PRINCIPAL

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

[Signature]

HOD

Head of the Department

MBA

Avanathi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.



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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 10-07-2022

PROGRAM REPORT

Name of Value Added Course: Inbound Marketing

Day/Duration: 06 Days (36 Hours)

Time: 09:30 Am to 04:00 pm

Resource Person: Dr.B.Ramulu, Associate Professor.

Name of the Coordinator: Mr.M.Naresh, Assistant Professor.

Number of the Participants: 84

Topics covered: The following topics covered in this program

- Introduction to Inbound marketing
- Basic of Website Designing Terms
- Business Website, Content Planning
- Guest Posting, Q/A link Building, Social Bookmarking

M. Naresh
COORDINATOR

Avanathi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

[Signature]

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

[Signature]

Head of the Department
HOD
MBA

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Gunthapally (V), Abdullapurmet (Mdl),
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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.DURGA** Bearing roll number **21Q61E00G6** from the department of **Master of Business and Administration** completed the value added course on "**INBOUND MARKETING**" During the year **2021-22**.

Nayeen

Head of The Department

Head of the Department

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.

A. Nareesh

Co-Ordinator

Avanthi Institute of Engineering & Techno.
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

[Signature]

PRINCIPAL
Principal

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



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

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.GANESH** Bearing roll number **21Q61E0091** from the department of **Master of Business and Administration** completed the value added course on "**INBOUND MARKETING**" During the year **2021-22**.

Nayem

Head of The Department

Head of the Department

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy District.

N.Ganesh

Co-Ordinator

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy Dist, Telangana.

[Signature]

Principal

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



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AVIH/AOC/CIR/2021-22/II/01

Date: 11-02-2022

CIRCULAR

This is to inform all the IV Year students that the Department organizing a value added course on "Entrepreneurship & Start up Initiatives". The course is scheduled to run for 13 days from 14-02-2022 to 04-03-2022. 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.Subhash Patil, with SashakT HR Services Pvt Ltd.


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

Copy to:

The principal,
IQAC
All the HODs
Notice Board
IV Year students


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ABOUT THE COURSE

Entrepreneurship is a long-term, iterative process that involves building and scaling a business over time, while start-ups focus on rapid growth and profitability. Entrepreneurs can start multiple businesses, while start-ups typically focus on a specific venture.

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.Subhash Patil
Design Engineer
CISCO Systems

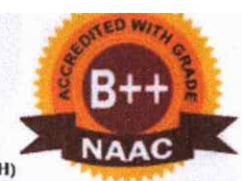
Co-ordinator
Mr.G.Chandrashekar Reddy
Assistant Professor
Department of ECE

Class starts from 14-02-2022 to 04-03-2022,09:30 AM to 01:30 PM



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VALUE ADDED COURSE ON

“ENTREPRENEURSHIP AND START UP INITIATIVES”

14th FEB to 04th MAR 2022

Handwritten signature
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DURATION OF THE COURSE 36HRS





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VALUE ADDED COURSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

VALUE ADDED COURSE SYLLABUS

B.TECH IV YEAR-II SEM

ACADEMIC YEAR: 2021-2022

Course Objective:

- 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.
- 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 organization for growth and prosperity.
- To develop an idea of innovative entrepreneurship models and forms and utilize 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 and devising 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: Presentations.
- TOPIC-11: SEO for beginners.
- TOPIC-12: Group Discussions / Ice Breaking Sessions.
- TOPIC-13: 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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VALUE ADDED COURSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

ACADEMIC YEAR: 2021-2022

Date: 11-02-2022

B.TECH IV-II SEM

DAY WISE SCHEDULE SHEET

Sl. No	DAY	Topic	Timings	Duration
1	14-02-2022	Fundamentals of Entrepreneurship	09:30 am to 01:00 pm	2 hour
2	15-02-2022	Looking More Closely at Resources	09:30 am to 01:00 pm	2 hour
3	16-02-2022	Understanding Your Business Model	09:30 am to 01:00 pm	2 hour
4	17-02-2022	Creativity & Opportunity	09:30 am to 01:00 pm	2 hour
5	18-02-2022	"Fail" In Order to Succeed.	09:30 am to 01:00 pm	2 hour
6	19-02-2022	Measuring Market Opportunities	09:30 am to 01:00 pm	2 hour
7	21-02-2022	Presentations.	09:30 am to 01:00 pm	2:30 hour
8	22-02-2022	Presentations.	09:30 am to 01:00 pm	2:30 hour
9	23-02-2022	Digital marketing Fundamentals	09:30 am to 01:00 pm	2 hour
10	24-02-2022	How to Start a Start Up	09:30 am to 01:00 pm	2 hour
11	25-02-2022	Presentations	09:30 am to 01:00 pm	2:30 hour
12	26-02-2022	Presentations	09:30 am to 01:00 pm	2:30 hour
13	28-02-2022	Group Discussions / Ice Breaking Sessions	09:30 am to 01:00 pm	2:30 hour
14	02-03-2022	Group Discussions / Ice Breaking Sessions	09:30 am to 01:00 pm	2:30 hour
15	03-03-2022	Group Discussions / Ice Breaking Sessions	09:30 am to 01:00 pm	2:30 hour
16	04-03-2022	Meet an Entrepreneur	09:30 am to 01:00 pm	2:30 hour
Total -36 hours				


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TIME TABLE

CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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Head of the Department
HOD

Electronics & Communication Engineering
Avanathi Institute of Engineering & Technology,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TIME TABLE

CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
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CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
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FRI							
SAT							

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Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

TIME TABLE

CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
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Head of the Department
Electrical & Electronics Engineering
Avanathi Institute of Engineering & Technology
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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE

CLASS: IV 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	Entrepreneurship & Start up Initiatives	BREAK	Entrepreneurship & Start up Initiatives	LUNCH		BREAK	
TUE							
WED							
THU							
FRI							
SAT							

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PRINCIPAL

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HOD

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
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The Students of IV-Year B.Tech Certificate Program Attending “Entrepreneurship & Start Up Initiatives” By The Resource Person “Mr.Subhash Patil, Technical Trainer, By Cisco Systems”.

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Subhash Patil

PRINCIPAL

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Subhash Patil
PRINCIPAL
HOD

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM Enrolled Students List Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student
1	18Q61A0401	A Venkatesh
2	18Q61A0402	Arajula Revathi
3	18Q61A0403	Batthu Chandu
4	18Q61A0404	Bharatha Raviteja
5	18Q61A0405	Bobbala Deepa
6	18Q61A0406	Boddu Srinivas Reddy
7	18Q61A0407	Boga Keerthi
8	18Q61A0408	Chitla Prathyusha
9	18Q61A0409	Daresh Adarsh
10	18Q61A0410	Dekka Sai Kiran
11	18Q61A0411	Etikala Sai Charan Reddy
12	18Q61A0412	Gaddam Rahul Yadav
13	18Q61A0413	Gandla Ramya
14	18Q61A0414	Gogu Edukondal
15	18Q61A0415	Jambula Rakesh Reddy
16	18Q61A0416	K Nikitha
17	18Q61A0417	Kasireddy Nithish
18	18Q61A0418	Kasoju Shravya
19	18Q61A0419	Katkam Meghana
20	18Q61A0420	Katta Harmitha
21	18Q61A0421	M Ramesh
22	18Q61A0422	Maligireddy Keerthi
23	18Q61A0423	Mallikanti Sai Krishna
24	18Q61A0424	Mamidala Sreeja
25	18Q61A0425	Manda Kalyan Reddy
26	18Q61A0426	Manikari Bharath
27	18Q61A0427	Maram Ashok Reddy
28	18Q61A0428	Marvathu Sai Rohith
29	18Q61A0429	Masanam Venukumar
30	18Q61A0430	Miryala Pavani
31	18Q61A0431	Neerati Sai Manoj
32	18Q61A0432	Perumalla Manisai
33	18Q61A0433	Polaka Srija
34	18Q61A0434	Seelam Upendra Reddy
35	18Q61A0435	Sindi Nikhil
36	18Q61A0436	Tadivaka Pavan Teja
37	18Q61A0437	Teegala Sai Kumar
38	18Q61A0438	Thellakula Mahesh
39	18Q61A0439	Thota Bhavana



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40	18Q61A0440	Thummala Pradeep Reddy
41	18Q61A0441	Velga Shashidar Reddy
42	18Q61A0442	Yanala Prasanna
43	18Q61A0443	Yellu Dinesh Reddy
44	18Q61A0444	Anthanolla Kupender Reddy
45	18Q61A0445	Bandamidi Pradeep
46	18Q61A0446	Bhupani Venkata Sai Krishna
47	18Q61A0447	Bommireddy Nikhil Vardhan
48	18Q61A0448	Boppa Madhu
49	18Q61A0449	Challagundla Sravya
50	18Q61A0450	Chellingi Durga Saiteja
51	18Q61A0451	Chennu Pavani
52	18Q61A0452	Chintapalli Ramyasri
53	18Q61A0453	Cholloti Akanksha
54	18Q61A0454	Gopagoni Bharath
55	18Q61A0455	Gandhe Pravin
56	18Q61A0456	Jinkala Anil Kumar Reddy
57	18Q61A0457	Kande Akhil Sai
58	18Q61A0458	Karanam Divya Bhanu
59	18Q61A0459	Voruganti Shravani
60	18Q61A0460	Kolanu Ajaykumar
61	18Q61A0461	Mainampati Meghana Reddy
62	18Q61A0462	Nimmala Rohith Reddy
63	18Q61A0463	Pidugu Vivek
64	18Q61A0464	Poloju Shiva Kumar
65	18Q61A0465	Sama Saireddy
66	18Q61A0466	Santhika Sainath
67	18Q61A0467	Akarapu Srikanth
68	18Q61A0469	B.Yadaiah
69	18Q61A0477	Durgam Mahesh
70	18Q61A0483	Sirajudeen Ameerjohn
71	18Q61A04B4	Krishnaveni Bache
72	18Q61A04B5	Madhavi Vagu
73	18Q61A04B6	Madhuri Tulla
74	18Q61A04B7	Mounika U
75	18Q61A04B8	Nirosha Gandla
76	18Q61A04C9	Tamada..Manasa
77	18Q61A04D6	Yarramsetti.Manikanta
78	18Q61A04D7	G.Nihash Reddy
79	18Q61A04D8	K.Dinesh
80	18Q61A04D9	A G Pravallika
81	18Q61A04E9	Bachu Yashwanth
82	18Q61A04F8	Kondeti.Vamsi Krishna
83	18Q61A04G0	Korlakunta.Ashritha
84	18Q61A04G3	.S.Vishnu Vardhan Reddy



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85	18Q61A04G4	Kalavagunta.Charishma
86	18Q61A04G5	Garikina Karthik
87	18Q61A04G7	M.Poojitha
88	18Q61A04G8	Akkandara Praveen
89	18Q61A04H2	Gangisetty Anjani Kumar
90	17Q61A0480	Nambi Sai Teja
91	19Q65A0401	Balabhadra Sukanya
92	19Q65A0402	G Nagaraju
93	19Q65A0403	Kammadanam Nandini
94	19Q65A0404	Koripally Nikhila
95	19Q65A0405	Maale Shirisha
96	19Q65A0406	Math Aishwarya
97	19Q65A0407	Nalumasu Vaishnavi
98	19Q65A0408	Nandu Srikanth Reddy
99	19Q65A0409	Nomula Vijaya Rama Raju
100	19Q65A0410	Peyyala Sai Raju
101	19Q65A0411	Pittala Sairavali
102	19Q65A0412	Puligilla Pravalika
103	19Q65A0413	Pusala Yesumani
104	19Q65A0414	Vallepu Swathi
105	19Q65A0415	Vemula Rajesh
106	19Q65A0416	Vislavath Bhaskar Naik
107	19Q65A0417	Yamini Shivani
108	19Q65A0418	Yennam.Kondareddy
109	19Q65A0419	A Ashwini
110	19Q65A0420	Daram Mamatha
111	19Q65A0421	Detti Chandu
112	19Q65A0422	Devarigari Satya Prasad
113	19Q65A0423	Devunuri Sony
114	19Q65A0424	Gumpuula Chandana
115	19Q65A0425	K Shiva
116	19Q65A0426	Kakkunuru Prathyusha
117	19Q65A0427	Kakumani Harika
118	19Q65A0428	Kanuganti Karthik Kumar
119	19Q65A0429	Kothapalli Vamshi
120	19Q65A0430	Koyeda Sakethram
121	19Q65A0431	N Pavan Krishna
122	19Q65A0432	N Swathi
123	19Q65A0433	Nalla Teja
124	19Q65A0434	Nellutla Arun Kumar
125	19Q65A0435	Nomula Govardhan
126	19Q65A0436	Pasala Peter Sandeep
127	19Q65A0437	Patibanda Lakshmi Saimanoj
128	19Q65A0438	Puutta Swathi
129	19Q65A0439	Shaga Bharath Reddy



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130	19Q65A0440	Sunkari Sravani
131	19Q65A0441	Vangari Ram Teja
132	19Q65A0442	Varkala Praveen Kumar


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Avanathi Institute of Engineering & Technology,
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Ranga Reddy District.



PRINCIPAL

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


HOD

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



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM Enrolled Students List Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student
1	18Q61A0501	A Pavan Kalyan
2	18Q61A0502	A Akhila
3	18Q61A0503	Alumalla Shirisha
4	18Q61A0504	Anugula Srinivas
5	18Q61A0505	Bodolla Sai Kiran
6	18Q61A0506	Chelamala Penchalaiah
7	18Q61A0507	Duvvala Vinay
8	18Q61A0508	Erri Samagnya
9	18Q61A0509	Gatipelly Rohith
10	18Q61A0510	Giri Sai Kumar
11	18Q61A0511	Hanmanthu Sampathreddy
12	18Q61A0512	Jakkali Mahendar
13	18Q61A0513	Kankanala Vamsi
14	18Q61A0514	Kolla Prashanth
15	18Q61A0515	Kommineni Rithinkrishna
16	18Q61A0516	M Savitha
17	18Q61A0517	Malkareddy Jithender
18	18Q61A0518	Malreddy Vaishnavi
19	18Q61A0519	Mamidi Soujanya
20	18Q61A0520	Mankala Bhaskar
21	18Q61A0521	Maramraju Vishnu Sandilya
22	18Q61A0522	Mekala Vamshi Krishna
23	18Q61A0523	Miryala Vinay
24	18Q61A0524	Narra Ajitha
25	18Q61A0525	Nida Zehra
26	18Q61A0526	Nizamuddin Sameeruddin
27	18Q61A0527	Nukapelly Navaneeth Reddy
28	18Q61A0528	Ogeti Swetha
29	18Q61A0529	Pagala Hemanth Kumar
30	18Q61A0530	Palwai Akhila Reddy
31	18Q61A0531	Pirla Devi
32	18Q61A0532	Ritika Nitin Kulkarni
33	18Q61A0533	Sirigadha Anudeep
34	18Q61A0534	Vangala Aravind Reddy



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35	18Q61A0535	Vudharu Nagalaxmi
36	18Q61A0536	Barla Soumy
37	18Q61A0537	Dasari Sai Kavya
38	18Q61A0538	Ganji Rahul
39	18Q61A0539	Kandimalla Kiran Kumar Reddy
40	18Q61A0540	Kunchala Navya
41	18Q61A0541	Palanati Sai Vamshi
42	18Q61A0542	Sangars Swetha Sri
43	18Q61A0543	Arikatla Sravani
44	18Q61A0544	Baddula Sai Krishna
45	18Q61A0545	Bondalapati Ramya
46	18Q61A0546	D Sai Raj
47	18Q61A0547	Golapalli Vinisha
48	18Q61A0548	Gunamoni Vinay
49	18Q61A0549	Jalagiri Rahulmudiraj
50	18Q61A0550	Karna Bahadur Bista
51	18Q61A0551	Maram Nagarjuna Reddy
52	18Q61A0552	Mohammed Farhan
53	18Q61A0553	Nambi Nandini
54	18Q61A0554	Palra Gopi Reddy
55	18Q61A0555	Parshapag Kevinmatthew
56	18Q61A0556	Patibadla Sai Veerendra
57	18Q61A0557	Pulipati Shyamsunder
58	18Q61A0558	Nagati Likhith Kumar
59	18Q61A0559	R Chandra Sekhar Reddy
60	18Q61A0560	R Suresh Reddy
61	18Q61A0561	Al Vinay
62	18Q61A0562	Badugu Dip
63	18Q61A0563	Banala Vinaykumar
64	18Q61A0564	Bollabathini Aravind
65	18Q61A0565	Chintala Vaibhav Reddy
66	18Q61A0566	Erri Lavakumarreddy
67	18Q61A0567	Kadaveru Anusha
68	18Q61A0568	Kaki Sony
69	18Q61A0569	Kanala Sathwika
70	18Q61A0570	Kistammagari Karishma
71	18Q61A0571	Konda Naveen Kumar Reddy
72	18Q61A0572	Kotla Mahesh
73	18Q61A0573	Kudikala Manikanta
74	18Q61A0574	Kunapuri Prasanna



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75	18Q61A0575	Kyatham Aneesha
76	18Q61A0576	M Chandana
77	18Q61A0577	Manchikanti Asritha
78	18Q61A0578	Manda Kumara Swamy
79	18Q61A0579	Mannem Mounkumar
80	18Q61A0580	Marry Praveen Reddy
81	18Q61A0581	Mekapothula Soumya
82	18Q61A0582	Moguloju Divya
83	18Q61A0583	Mudiam Harsha Vardhan
84	18Q61A0584	Musuku Aishwarya
85	18Q61A0585	Palvai Harish
86	18Q61A0586	Penumuchhu Ramya Keerthi
87	18Q61A0587	Pothi Reddy Karthik Reddy
88	18Q61A0588	Pulipati Soundarya
89	18Q61A0589	Pulipelli Pavani
90	18Q61A0590	Ramidi Manoj Reddy
91	18Q61A0591	Rathnavath Shiva
92	18Q61A0592	Uragadda Bhudevi
93	18Q61A0593	Velagala T N S Adhi Narayana
94	18Q61A0594	Vuppu Siva Sai Venkata Krishna Ganesh
95	18Q61A0595	Yempati Bala Krishna
96	18Q61A0596	Boya Mohit
97	18Q61A0597	Dindu Siddhartha Goud
98	18Q61A0598	Gurijala Keerhi Sagar
99	18Q61A0599	Kondraju Gopi Raju
100	18Q61A05A0	Manne Madhumitha Reddy
101	18Q61A05A1	Popally Nagaraju
102	18Q61A05A2	Sarikonda Dorya Shivanandi
103	18Q61A05A3	K Bharath Kumar Reddy
104	18Q61A05A4	R Praveen
105	18Q61A05A5	Rachuri Aishwarya
106	18Q61A05A6	Sattu Saikiran
107	18Q61A05A7	Surkanti Navjeevan Reddy
108	18Q61A05A8	Valavala Venkata Santosh
109	18Q61A05A9	Karanam Sai Vandana Sreeja
110	18Q61A05B0	Dasari Vivek
111	18Q61A05B1	Seervi Sunil
112	18Q61A05B2	Challa Nithish Reddy
113	18Q61A05B3	Cherukumalli Vasu Babu
114	18Q61A05B4	Sama Shravani



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115	18Q61A05B5	Nikhil
116	17Q61A0507	Boina Narasimha Srivatsa
117	17Q61A0527	Madugula Uma Maheshwar
118	17Q61A0551	Suddapally Sunny
119	17Q61A0572	Kamakanti Pranay
120	17Q61A0579	Vemanamandu Ganesh Krishna
121	19Q65A0501	A Madhuri
122	19Q65A0502	Aligapally Shilpa
123	19Q65A0503	Allakonda Pranay Kumar
124	19Q65A0504	Boinapally Venkatesh
125	19Q65A0505	Dulgunde Vikas
126	19Q65A0506	Kongari Dharani
127	19Q65A0507	Kudire Manasa
128	19Q65A0508	Maragoni Mounika
129	19Q65A0509	Nalla Kumar
130	19Q65A0510	Rudra Bhanusri
131	19Q65A0511	Sripathi Naveen
132	19Q65A0512	Uppu Nihal Tarun


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DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

Enrolled Students List

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student
1	18Q61A0201	Beemani Ajithkumar
2	18Q61A0202	Bhukya Pavan Kumar
3	18Q61A0203	Boddu Saikumar
4	18Q61A0204	Boga Prasanna
5	18Q61A0205	Eslavath Sreedhar
6	18Q61A0206	Gajula Joshna
7	18Q61A0207	Guguloth Ganesh
8	18Q61A0208	Guguloth Pavan
9	18Q61A0209	Gunti Naveen
10	18Q61A0210	Kembasari Prasad
11	18Q61A0211	Kotrepalli Aparna
12	18Q61A0212	M Srinivas
13	18Q61A0213	Masna Ganesh
14	18Q61A0214	Mathangi Arun Kumar
15	18Q61A0215	Niraghatam Venkata Sai Krishna
16	18Q61A0216	Pradhumn Kumar Kharwar
17	18Q61A0217	Puli Srikanth
18	18Q61A0218	Sapavath Mahesh
19	18Q61A0219	Vaddepalli Jagadeesh
20	18Q61A0220	Vempati Shivani
21	18Q61A0221	Bommmoju Ranjith
22	18Q61A0222	Degala Asha
23	18Q61A0223	K Sandeep
24	18Q61A0224	Mundla Anusha
25	18Q61A0225	Vadluri Sumanth
26	18Q61A0226	K Ashok Kumar
27	18Q61A0227	K Sai Pavan
28	18Q61A0231	E.Alekhya
29	18Q61A0232	Pulari Rahul
30	18Q61A0233	Palamani.Chenchu Karthikeya
31	19Q65A0201	A Shivam
32	19Q65A0202	Bommagani Deepika
33	19Q65A0203	Jangala Vinay Kumar
34	19Q65A0204	Mypa Sai Teja
35	19Q65A0205	Siragoni Pavan Kumar



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36	19Q65A0206	Thupakula Ruparani
37	19Q65A0207	Amarabad Naresh
38	19Q65A0208	Badavath Praveen
39	19Q65A0209	Badineni Ajay Kumar
40	19Q65A0210	Beldhar Sandeep Sailoo
41	19Q65A0211	Challa Saiprakash Reddy
42	19Q65A0212	Challagurugula Ram Prasad
43	19Q65A0213	Dhanavath Venkanna
44	19Q65A0214	Dodlapati Srikanth
45	19Q65A0215	Duba Srilakshmi
46	19Q65A0216	Garnepally Prashanth
47	19Q65A0217	Godugu Manohar
48	19Q65A0218	Golakoti Sindhu Sri
49	19Q65A0219	Gubbala Sri Chandana
50	19Q65A0220	Jammuladinne Raghuvarma Reddy
51	19Q65A0221	Kanuru Teja
52	19Q65A0222	Konaparthi Kalyan Kumar
53	19Q65A0223	L Yashwanth
54	19Q65A0224	Laknapuram Niranjan Reddy
55	19Q65A0225	Lingampalli Saicharan
56	19Q65A0226	Madasu Pranay
57	19Q65A0227	Madoori Sumanth
58	19Q65A0228	Medarapu Raj Kumar
59	19Q65A0229	Nakka Madhu Krishna
60	19Q65A0230	Nallamalla Sai Charitha
61	19Q65A0231	Putla Srinivas
62	19Q65A0232	R Vamshikrishna
63	19Q65A0233	Ragam Saishyam
64	19Q65A0234	Rayabarapu Sandeep Kumar
65	19Q65A0235	Shaik Thasleem
66	19Q65A0236	Siragoni Madhavi
67	19Q65A0237	Tangella Aishwarya
68	19Q65A0238	Thupakula Gopi Chand
69	19Q65A0239	Vadde Srinivasulu
70	19Q65A0240	Vinay Veldandi

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PRINCIPAL

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

HOD

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdi),
Ranga Reddy District.



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE NAME: **ENTREPRENEURSHIP & START UP**

INITIATIVES

IV YEAR II-SEM

Enrolled Students List

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student
1	18Q61A0301	Gollapally Uday Kiran Reddy
2	18Q61A0302	Johns Jobin
3	18Q61A0303	Komma Pranay
4	18Q61A0304	Nampally Naresh
5	18Q61A0305	Vanguri Vijaykumar
6	18Q61A0306	Joshi Anirudh Chary
7	18Q61A0307	R Sachin
8	18Q61A0308	Naveen Kumar
9	19Q65A0301	Bhukya Vishnu Vardhan
10	19Q65A0302	Byagari Mounika
11	19Q65A0303	Chette Nagaraju
12	19Q65A0304	Damera Kalyani
13	19Q65A0305	G Sumana
14	19Q65A0306	Gyara Avinash
15	19Q65A0307	Ileni Ramya
16	19Q65A0308	Kasi Tharunteja
17	19Q65A0309	Lakavath Devaraj
18	19Q65A0310	Macha Praveen Kumar
19	19Q65A0311	Mandula Sravan Kumar
20	19Q65A0312	Ramavath Kumar
21	19Q65A0313	Rangu Vijay
22	19Q65A0314	Sadarla Sanjay Joel
23	19Q65A0315	Tattri Mallikarjun
24	19Q65A0316	Voggu Meghana
25	19Q65A0317	Addala Rajesh Balu
26	19Q65A0318	Akula Shashi Preetham
27	19Q65A0319	Akula Uuday
28	19Q65A0320	Bapanipally Diwakar
29	19Q65A0321	Bareddy Narayana Reddy
30	19Q65A0322	Beesa Naveen
31	19Q65A0323	Bheemanaboina Renuka
32	19Q65A0324	Bhukya Kalyan
33	19Q65A0325	Boya Rajashekar
34	19Q65A0326	Chandragiri Manishankar
35	19Q65A0327	Chetty Vikas



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36	19Q65A0328	Dayyala Vidyasagar
37	19Q65A0329	Dharani Naresh
38	19Q65A0330	Gandham Pavankalyan
39	19Q65A0331	Gattu Poojitha
40	19Q65A0332	Govvala Vijay Kumar
41	19Q65A0333	Gumpula Udaykiran
42	19Q65A0334	Gunda Dileep
43	19Q65A0335	Gurram Prashanth
44	19Q65A0336	Isukapatla Ashishchandan
45	19Q65A0337	K Shankar
46	19Q65A0338	Kashapogu Moses
47	19Q65A0339	Konaparthi Murali Krishna
48	19Q65A0340	Korra Ravi Kumar Nayak
49	19Q65A0341	Kummula Umakanth
50	19Q65A0342	Kunsoth Jayanth Kumar
51	19Q65A0343	Maduuri Harish
52	19Q65A0344	Matta Rakesh
53	19Q65A0345	Menthyala Sridhar
54	19Q65A0346	P Rithvik Kumar
55	19Q65A0347	Paladugu Amarnath
56	19Q65A0348	Shaik Usman Shareef
57	19Q65A0349	Thodeti Gopalakrishna
58	19Q65A0350	Vadala Nikhil
59	19Q65A0351	Vakulabharanam Pranav
60	19Q65A0352	Vemula Suresh


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HOD
Head of the Department
Mechanical Engineering
Avanathi Institute of Engineering & Technology
Gunthapally (V), Ranga Reddy District



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 11-02-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	14. 02. 22	15. 02. 22	16. 02. 22	17. 02. 22	18. 02. 22	19. 02. 22	21. 02. 22	22. 02. 22	23. 02. 22	24. 02. 22	25. 02. 22	26. 02. 22	28. 02. 22	02. 03. 22	03. 03. 22	04. 03. 22
1	18Q61A0401	A VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18Q61A0402	ARAJULA REVATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18Q61A0403	BATTHU CHANDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18Q61A0404	BHARATHA RAVITEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18Q61A0405	BOBBALA DEEPA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18Q61A0406	BODDU SRINIVAS REDDY	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7	18Q61A0407	BOGA KEERTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18Q61A0408	CHITLA PRATHYUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18Q61A0409	DARESH ADARSH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
10	18Q61A0410	DEKKA SAI KIRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18Q61A0411	ETIKALA SAI CHARAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18Q61A0412	GADDAM RAHUL YADAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	18Q61A0413	GANDLA RAMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	18Q61A0414	GOGU EDUKONDAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	18Q61A0415	JAMBULA RAKESH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	18Q61A0416	K NIKITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	18Q61A0417	KASIREDDY NITHISH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
18	18Q61A0418	KASOJU SHRAVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18Q61A0419	KATKAM MEGHANA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
20	18Q61A0420	KATTA HARMITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	18Q61A0421	M RAMESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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22	18Q61A0422	MALIGIREDDY KEERTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	18Q61A0423	MALLIKANTI SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18Q61A0424	MAMIDALA SREEJA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
25	18Q61A0425	MANDA KALYAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18Q61A0426	MANIKARI BHARATH	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
27	18Q61A0427	MARAM ASHOK REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	18Q61A0428	MARVATHU SAI ROHITH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	18Q61A0429	MASANAM VENUKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	18Q61A0430	MIRYALA PAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	18Q61A0431	NEERATI SAI MANOJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	18Q61A0432	PERUMALLA MANISAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	18Q61A0433	POLAKA SRIJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	18Q61A0434	SEELAM UPENDRA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	18Q61A0435	SINDI NIKHIL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
36	18Q61A0436	TADIVAKA PAVAN TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	18Q61A0437	TEEGALA SAI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	18Q61A0438	THELLAKULA MAHESH	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
39	18Q61A0439	THOTA BHAVANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	18Q61A0440	THUMMALA PRADEEP REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	18Q61A0441	VELGA SHASHIDAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	18Q61A0442	YANALA PRASANNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	18Q61A0443	YELLU DINESH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	18Q61A0444	ANTHANOLLA KUPENDER REDDY	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
45	18Q61A0445	BANDAMIDI PRADEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	18Q61A0446	BHUPANI VENKATA SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	18Q61A0447	BOMMIREDDY NIKHIL VARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	18Q61A0448	BOPPA MADHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	18Q61A0449	CHALLAGUNDLA SRAVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	18Q61A0450	CHELLINGI DURGA SAITEJA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
51	18Q61A0451	CHENNU PAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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52	18Q61A0452	CHINTAPALLI RAMYASRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	18Q61A0453	CHOLLOTI AKANKSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	18Q61A0454	GOPAGONI BHARATH	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
55	18Q61A0455	GANDHE PRAVIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	18Q61A0456	JINKALA ANIL KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	18Q61A0457	KANDE AKHIL SAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	18Q61A0458	KARANAM DIVYA BHANU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	18Q61A0459	VORUGANTI SHRAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	18Q61A0460	KOLANU AJAYKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	18Q61A0461	MAINAMPATI MEGHANA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	18Q61A0462	NIMMALA ROHITH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	18Q61A0463	PIDUGU VIVEK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	18Q61A0464	POLOJU SHIVA KUMAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
65	18Q61A0465	SAMA SAIREDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	18Q61A0466	SANTHIKA SAINATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	18Q61A0467	AKARAPU SRIKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	18Q61A0469	B. YADAAIAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	18Q61A0477	DURGAM MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	18Q61A0483	SIRAJUDEEN AMEERJOHN	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
71	18Q61A04B4	KRISHNAVENI BACHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	18Q61A04B5	MADHAVI VAGU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	18Q61A04B6	MADHURI TULLA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
74	18Q61A04B7	MOUNIKA U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	18Q61A04B8	NIROSHA GANDLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76	18Q61A04C9	TAMADA..MANASA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77	18Q61A04D6	YARRAMSETTI.MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78	18Q61A04D7	G.NIHAS REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79	18Q61A04D8	K.DINESH	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
80	18Q61A04D9	A G PRAVALLIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	18Q61A04E9	BACHU YASHWANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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82	18Q61A04F8	KONDETI.VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
83	18Q61A04G0	KORLAKUNTA.ASHRITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	18Q61A04G3	.S.VISHNU VARDHAN REDDY	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
85	18Q61A04G4	KALAVAGUNTA.CHARISHMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86	18Q61A04G5	GARIKINA KARTHIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87	18Q61A04G7	M.POOJITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
88	18Q61A04G8	AKKANDARA PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	18Q61A04H2	GANGISETTY ANJANI KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
90	17Q61A0480	NAMBI SAI TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91	19Q65A0401	BALABHADRA SUKANYA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
92	19Q65A0402	G NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	19Q65A0403	KAMMADANAM NANDINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
94	19Q65A0404	KORIPALLY NIKHILA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
95	19Q65A0405	MAALE SHIRISHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	19Q65A0406	MATH AISHWARYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
97	19Q65A0407	NALUMASU VAISHNAVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	19Q65A0408	NANDU SRIKANTH REDDY	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
99	19Q65A0409	NOMULA VIJAYA RAMA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
100	19Q65A0410	PEYYALA SAI RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
101	19Q65A0411	PITTALA SAIRAVALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	19Q65A0412	PULIGILLA PRAVALIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
103	19Q65A0413	PUSALA YESUMANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	19Q65A0414	VALLEPU SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	19Q65A0415	VEMULA RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	19Q65A0416	VISLAVATH BHASKAR NAIK	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
107	19Q65A0417	YAMINI SHIVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
108	19Q65A0418	YENNAM.KONDAREDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	19Q65A0419	A ASHWINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	19Q65A0420	DARAM MAMATHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	19Q65A0421	DETTI CHANDU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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112	19Q65A0422	DEVARIGARI SATYA PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
113	19Q65A0423	DEVUNURI SONY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	19Q65A0424	GUMPUULA CHANDANA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	19Q65A0425	K SHIVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
116	19Q65A0426	KAKKUNURU PRATHYUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	19Q65A0427	KAKUMANI HARIKA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	19Q65A0428	KANUGANTI KARTHIK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
119	19Q65A0429	KOTHAPALLI VAMSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	19Q65A0430	KOYEDA SAKETHRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
121	19Q65A0431	N PAVAN KRISHNA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
122	19Q65A0432	N SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
123	19Q65A0433	NALLA TEJA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
124	19Q65A0434	NELLUTLA ARUN KUUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	19Q65A0435	NOMULA GOVARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
126	19Q65A0436	PASALA PETER SANDEEP	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
127	19Q65A0437	PATIBANDA LAKSHMI SAIMANOJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
128	19Q65A0438	PUUTTA SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
129	19Q65A0439	SHAGA BHARATH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
130	19Q65A0440	SUNKARI SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
131	19Q65A0441	VANGARI RAM TEJA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
132	19Q65A0442	VARKALA PRAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P


CO ORDINATOR


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


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



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED CORSE NAME: **ENTREPRENEURSHIP & START UP INITIATIVES**

IV YEAR II-SEM

A.Y 2021-22

Date: 11-02-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	14. 02. 22	15. 02. 22	16. 02. 22	17. 02. 22	18. 02. 22	19. 02. 22	21. 02. 22	22. 02. 22	23. 02. 22	24. 02. 22	25. 02. 22	26. 02. 22	28. 02. 22	02. 03. 22	03. 03. 22	04. 03. 22
1	18Q61A0501	A PAVAN KALYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18Q61A0502	A AKHILA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18Q61A0503	ALUMALLA SHIRISHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18Q61A0504	ANUGULA SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18Q61A0505	BODOLLA SAI KIRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18Q61A0506	CHELAMALA PENCHALATAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	18Q61A0507	DUVVALA VINAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18Q61A0508	ERRI SAMAGNYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18Q61A0509	GATIPELLY ROHITH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	18Q61A0510	GIRI SAI KUMAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18Q61A0511	HANMANTHU SAMPATHREDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18Q61A0512	JAKKALI MAHENDAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	18Q61A0513	KANKANALA VAMSI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	18Q61A0514	KOLLA PRASHANTH	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
15	18Q61A0515	KOMMINENI RITHINKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	18Q61A0516	M SAVITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	18Q61A0517	MALKAREDDY JITHENDER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	18Q61A0518	MALREDDY VAISHNAVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18Q61A0519	MAMIDI SOUJANYA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
20	18Q61A0520	MANKALA BHASKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	18Q61A0521	MARAMRAJU VISHNU SANDILYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	18Q61A0522	MEKALA VAMSHI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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23	18Q61A0523	MIRYALA VINAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18Q61A0524	NARRA AJITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18Q61A0525	NIDA ZEHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18Q61A0526	NIZAMUDDIN SAMEERUDDIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
27	18Q61A0527	NUKAPELLY NAVANEETH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	18Q61A0528	OGETI SWETHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	18Q61A0529	PAGALA HEMANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	18Q61A0530	PALWAI AKHILA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	18Q61A0531	PIRLA DEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	18Q61A0532	RITIKA NITIN KULKARNI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	18Q61A0533	SIRIGADHA ANUDEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	18Q61A0534	VANGALA ARAVIND REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	18Q61A0535	VUDHARU NAGALAXMI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	18Q61A0536	BARLA SOUMY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	18Q61A0537	DASARI SAI KAVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	18Q61A0538	GANJI RAHUL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
39	18Q61A0539	KANDIMALLA KIRAN KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	18Q61A0540	KUNCHALA NAVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	18Q61A0541	PALANATI SAI VAMSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	18Q61A0542	SANGARS SWETHA SRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	18Q61A0543	ARIKATLA SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	18Q61A0544	BADDULA SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	18Q61A0545	BONDALAPATI RAMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	18Q61A0546	D SAI RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	18Q61A0547	GOLAPALLI VINISHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	18Q61A0548	GUNAMONI VINAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	18Q61A0549	JALAGIRI RAHULMUDIRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	18Q61A0550	KARNA BAHADUR BISTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	18Q61A0551	MARAM NAGARJUNA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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52	18Q61A0552	MOHAMMED FARHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	18Q61A0553	NAMBI NANDINI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	18Q61A0554	PALRLA GOPI REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	18Q61A0555	PARSHAPAG KEVINMATTHEW	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
56	18Q61A0556	PATIBADLA SAI VEERENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	18Q61A0557	PULIPATI SHYAMSUNDER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	18Q61A0558	NAGATI LIKHITH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	18Q61A0559	R CHANDRA SEKHA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	18Q61A0560	R SURESH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	18Q61A0561	AL VINAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	18Q61A0562	BADUGU DIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	18Q61A0563	BANALA VINAYKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	18Q61A0564	BOLLABATHINI ARAVIND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	18Q61A0565	CHINTALA VAIBHAV REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	18Q61A0566	ERRI LAVAKUMARREDDY	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
67	18Q61A0567	KADAVERU ANUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	18Q61A0568	KAKI SONY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	18Q61A0569	KANALA SATHWIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	18Q61A0570	KISTAMMAGARI KARISHMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	18Q61A0571	KONDA NAVEEN KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72	18Q61A0572	KOTLA MAHESH	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
73	18Q61A0573	KUDIKALA MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
74	18Q61A0574	KUNAPURI PRASANNA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
75	18Q61A0575	KYATHAM ANEESHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
76	18Q61A0576	M CHANDANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77	18Q61A0577	MANCHIKANTI ASRITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
78	18Q61A0578	MANDA KUMARA SWAMY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79	18Q61A0579	MANNEM MOUNKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
80	18Q61A0580	MARRY PRAVEEN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	18Q61A0581	MEKAPOTHULA SOUMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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82	18Q61A0582	MOGULOJU DIVYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
83	18Q61A0583	MUDIAM HARSHA VARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	18Q61A0584	MUSUKU AISHWARYA	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
85	18Q61A0585	PALVAI HARISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86	18Q61A0586	PENUMUCHHU RAMYA KEERTHI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
87	18Q61A0587	POTHI REDDY KARTHIK REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
88	18Q61A0588	PULIPATI SOUNDARYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	18Q61A0589	PULIPELLI PAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
90	18Q61A0590	RAMIDI MANOJ REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91	18Q61A0591	RATHNAVATH SHIVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
92	18Q61A0592	URAGADDA BHUDEVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	18Q61A0593	VELAGALA T N S ADHI NARAYANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
94	18Q61A0594	VUPPU SIVA SAI VENKATA KRISHNA GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
95	18Q61A0595	YEMPATI BALA KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	18Q61A0596	BOYA MOHIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
97	18Q61A0597	DINDU SIDDHARTHA GOUD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	18Q61A0598	GURIJALA KEERHI SAGAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
99	18Q61A0599	KONDRAJU GOPI RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
100	18Q61A05A0	MANNE MADHUMITHA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
101	18Q61A05A1	POPALLY NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	18Q61A05A2	SARIKONDA DORYA SHIVANANDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
103	18Q61A05A3	K BHARATH KUMAR REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	18Q61A05A4	R PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	18Q61A05A5	RACHURI AISHWARYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	18Q61A05A6	SATTU SAIKIRAN	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
107	18Q61A05A7	SURKANTI NAVJEEVAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
108	18Q61A05A8	VALAVALA VENKATA SANTOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	18Q61A05A9	KARANAM SAI VANDANA SREEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	18Q61A05B0	DASARI VIVEK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	18Q61A05B1	SEERVI SUNIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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112	18Q61A05B2	CHALLA NITHISH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
113	18Q61A05B3	CHERUKUMALLI VASU BABU	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
114	18Q61A05B4	SAMA SHRAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	18Q61A05B5	NIKHIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
116	17Q61A0507	BOINA NARASIMHA SRIVATSA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	17Q61A0527	MADUGULA UMA MAHESHWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	17Q61A0551	SUDDAPALLY SUNNY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
119	17Q61A0572	KAMAKANTI PRANAY	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	17Q61A0579	VEMANAMANDU GANESH KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
121	19Q65A0501	A MADHURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
122	19Q65A0502	ALIGAPALLY SHILPA	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
123	19Q65A0503	ALLAKONDA PRANAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
124	19Q65A0504	BOINAPALLY VENKATESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	19Q65A0505	DULGUNDE VIKAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
126	19Q65A0506	KONGARI DHARANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
127	19Q65A0507	KUDIRE MANASA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
128	19Q65A0508	MARAGONI MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
129	19Q65A0509	NALLA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
130	19Q65A0510	RUDRA BHANUSRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
131	19Q65A0511	SRIPATHI NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
132	19Q65A0512	UPPU NIHAL TARUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 11-02-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	14.	15.	16.	17.	18.	19.	21.	22.	23.	24.	25.	26.	28.	02.	03.	04.
			02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	02. 22	03. 22	03. 22
1	18Q61A0201	BEEMANI AJITHKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18Q61A0202	BHUKYA PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18Q61A0203	BODDU SAIKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18Q61A0204	BOGA PRASANNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18Q61A0205	ESLAVATH SREEDHAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6	18Q61A0206	GAJULA JOSHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	18Q61A0207	GUGULOTH GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18Q61A0208	GUGULOTH PAVAN	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
9	18Q61A0209	GUNTI NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	18Q61A0210	KEMBASARI PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	18Q61A0211	KOTREPALLI APARNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18Q61A0212	M SRINIVAS	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13	18Q61A0213	MASNA GANESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	18Q61A0214	MATHANGI ARUN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	18Q61A0215	NIRAGHATAM VENKATA SAI KRISHNA KARTHIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	18Q61A0216	PRADHUMN KUMAR KHARWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	18Q61A0217	PULI SRIKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	18Q61A0218	SAPAVATH MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18Q61A0219	VADDEPALLI JAGADEESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	18Q61A0220	VEMPATI SHIVANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A



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21	18Q61A0221	BOMMMOJU RANJITH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	18Q61A0222	DEGALA ASHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	18Q61A0223	K SANDEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18Q61A0224	MUNDLA ANUSHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18Q61A0225	VADLURI SUMANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18Q61A0226	K ASHOK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	18Q61A0227	K SAI PAVAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	18Q61A0231	E.ALEKHYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	18Q61A0232	PULARI RAHUL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	18Q61A0233	PALAMANI.CHENCHU KARTHIKEYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	19Q65A0201	A SHIVAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19Q65A0202	BOMMAGANI DEEPIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19Q65A0203	JANGALA VINAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19Q65A0204	MYPA SAI TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	19Q65A0205	SIRAGONI PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	19Q65A0206	THUPAKULA RUPARANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	19Q65A0207	AMARABAD NARESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	19Q65A0208	BADAVATH PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	19Q65A0209	BADINENI AJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	19Q65A0210	BELDHAR SANDEEP SAILOO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	19Q65A0211	CHALLA SAIPRAKASH REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	19Q65A0212	CHALLAGUURUGULA RAM PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	19Q65A0213	DHANAVATH VENKANNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	19Q65A0214	DODLAPATI SRIKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	19Q65A0215	DUBA SRILAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	19Q65A0216	GARNEPALLY PRASHANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	19Q65A0217	GODUGU MANOHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	19Q65A0218	GOLAKOTI SINDHU SRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	19Q65A0219	GUBBALA SRI CHANDANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	19Q65A0220	JAMMULADINNE RAGHUVARMA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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51	19Q65A0221	KANURU TEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
52	19Q65A0222	KONAPARTHI KALYAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	19Q65A0223	L YASHWANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	19Q65A0224	LAKNAPURAM NIRANJAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	19Q65A0225	LINGAMPALLI SAICHARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	19Q65A0226	MADASU PRANAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	19Q65A0227	MADOORI SUMANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	19Q65A0228	MEDARAPU RAJ KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	19Q65A0229	NAKKA MADHU KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	19Q65A0230	NALLAMALLA SAI CHARITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	19Q65A0231	PUTLA SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	19Q65A0232	R VAMSHIKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	19Q65A0233	RAGAM SAISHYAM	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	19Q65A0234	RAYABARAPU SANDEEP KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	19Q65A0235	SHAIK THASLEEM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	19Q65A0236	SIRAGONI MADHAVI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	19Q65A0237	TANGELLA AISHWARYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	19Q65A0238	THUPAKULA GOPI CHAND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
69	19Q65A0239	VADDE SRINIVASULU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	19Q65A0240	VINAY VELDANDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

CO ORDINATOR

Avanthi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.

[Handwritten Signature]

PRINCIPAL

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

[Handwritten Signature]
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 CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 11-02-2022

DAYWISE ATTANDANCE SHEET

S.No	Roll Number	Name of The Student	14.	15.	16.	17.	18.	19.	21.	22.	23.	24.	25.	26.	28.	02.	03.	04.	
			02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	02.	03.	03.
			22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
1	18Q61A0301	GOLLAPALLY UDAY KIRAN REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	18Q61A0302	JOHNS JOBIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	18Q61A0303	KOMMA PRANAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	18Q61A0304	NAMPALLY NARESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	18Q61A0305	VANGURI VIJAYKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	18Q61A0306	JOSHI ANIRUDH CHARY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	18Q61A0307	R SACHIN	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
8	18Q61A0308	NAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	19Q65A0301	BHUKYA VISHNU VARDHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	19Q65A0302	BYAGARI MOUNIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	19Q65A0303	CHETTE NAGARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	19Q65A0304	DAMERA KALYANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	19Q65A0305	G SUMANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	19Q65A0306	GYARA AVINASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	19Q65A0307	I LENI RAMYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	19Q65A0308	KASI THARUNTEJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	19Q65A0309	LAKAVATH DEVARAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	19Q65A0310	MACHA PRAVEEN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	19Q65A0311	MANDULA SRAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	19Q65A0312	RAMAVATH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	19Q65A0313	RANGU VIJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	19Q65A0314	SADARLA SANJAY JOEL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	



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23	19Q65A0315	TATTRI MALLIKARJUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	19Q65A0316	VOGGU MEGHANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	19Q65A0317	ADDALA RAJESH BALU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	19Q65A0318	AKULA SHASHI PREETHAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	19Q65A0319	AKULA UUDAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	19Q65A0320	BAPANIPALLY DIWAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	19Q65A0321	BAREDDY NARAYANA REDDYY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	19Q65A0322	BEESA NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	19Q65A0323	BHEEMANABOINA RENUKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	19Q65A0324	BHUKYA KALYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	19Q65A0325	BOYA RAJASHEKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	19Q65A0326	CHANDRAGIRI MANISHANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	19Q65A0327	CHETTY VIKAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	19Q65A0328	DAYYALA VIDYASAGAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	19Q65A0329	DHARANI NARESH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
38	19Q65A0330	GANDHAM PAVANKALYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	19Q65A0331	GATTU POOJITHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	19Q65A0332	GOVALA VIJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	19Q65A0333	GUMPULA UUDAYKIRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	19Q65A0334	GUNDA DILEEP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	19Q65A0335	GURRAM PRASHANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	19Q65A0336	ISUKAPATLA ASHISHCHANDAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	19Q65A0337	K SHANKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
46	19Q65A0338	KASHAPOGU MOSES	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	19Q65A0339	KONAPARTHI MURALI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	19Q65A0340	KORRA RAVI KUMAR NAYAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	19Q65A0341	KUMMULA UMAKANTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	19Q65A0342	KUNSOOTH JAYANTH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	19Q65A0343	MADUURI HARISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	19Q65A0344	MATTA RAKESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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53	19Q65A0345	MENTHYALA SRIDHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	19Q65A0346	P RITHVIK KUMAR	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
55	19Q65A0347	PALADUGU AMARNATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	19Q65A0348	SHAIK USMAN SHAREEF	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	19Q65A0349	THODETI GOPALAKRISHNA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
58	19Q65A0350	VADALA NIKHIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	19Q65A0351	VAKULABHARANAM PRANAV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	19Q65A0352	VEMULA SURESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

CO ORDINATOR
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PRINCIPAL

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HOD
Head of the Department
Mechanical Engineering
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Gunthapally (V), Abdullapur Met (Mdl),
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	18Q61A0401	A Venkatesh	36	100
2	18Q61A0402	Arajula Revathi	36	100
3	18Q61A0403	Batthu Chandu	36	100
4	18Q61A0404	Bharatha Raviteja	36	100
5	18Q61A0405	Bobbala Deepa	36	100
6	18Q61A0406	Boddu Srinivas Reddy	0	0
7	18Q61A0407	Boga Keerthi	36	100
8	18Q61A0408	Chitla Prathyusha	36	100
9	18Q61A0409	Daresh Adarsh	33	91.6
10	18Q61A0410	Dekka Sai Kiran	36	100
11	18Q61A0411	Etikala Sai Charan Reddy	36	100
12	18Q61A0412	Gaddam Rahul Yadav	36	100
13	18Q61A0413	Gandla Ramya	36	100
14	18Q61A0414	Gogu Edukondal	36	100
15	18Q61A0415	Jambula Rakesh Reddy	36	100
16	18Q61A0416	K Nikitha	36	100
17	18Q61A0417	Kasireddy Nithish	0	0
18	18Q61A0418	Kasaju Shrayya	36	100
19	18Q61A0419	Katkam Meghana	33	91.6
20	18Q61A0420	Katta Harmitha	36	100
21	18Q61A0421	M Ramesh	36	100
22	18Q61A0422	Maligireddy Keerthi	36	100
23	18Q61A0423	Mallikanti Sai Krishna	36	100
24	18Q61A0424	Mamidala Sreeja	33	91.6
25	18Q61A0425	Manda Kalyan Reddy	36	100
26	18Q61A0426	Manikari Bharath	33	91.6
27	18Q61A0427	Maram Ashok Reddy	36	100
28	18Q61A0428	Marvathu Sai Rohith	36	100
29	18Q61A0429	Masanam Venukumar	36	100
30	18Q61A0430	Miryala Pavani	36	100
31	18Q61A0431	Neerati Sai Manoj	36	100
32	18Q61A0432	Perumalla Manisai	36	100
33	18Q61A0433	Polaka Srija	36	100
34	18Q61A0434	Seelam Upendra Reddy	36	100
35	18Q61A0435	Sindi Nikhil	0	0
36	18Q61A0436	Tadivaka Pavan Teja	36	100
37	18Q61A0437	Teegala Sai Kumar	36	100



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38	18Q61A0438	Thellakula Mahesh	33	91.6
39	18Q61A0439	Thota Bhavana	36	100
40	18Q61A0440	Thummala Pradeep Reddy	36	100
41	18Q61A0441	Velga Shashidar Reddy	36	100
42	18Q61A0442	Yanala Prasanna	36	100
43	18Q61A0443	Yellu Dinesh Reddy	36	100
44	18Q61A0444	Anthanolla Kupender Reddy	33	91.6
45	18Q61A0445	Bandamidi Pradeep	36	100
46	18Q61A0446	Bhupani Venkata Sai Krishna	36	100
47	18Q61A0447	Bommireddy Nikhil Vardhan	36	100
48	18Q61A0448	Boppa Madhu	36	100
49	18Q61A0449	Challagundla Sravya	36	100
50	18Q61A0450	Chellingi Durga Saiteja	33	91.6
51	18Q61A0451	Chennu Pavani	36	100
52	18Q61A0452	Chintapalli Ramyasri	36	100
53	18Q61A0453	Cholloti Akanksha	36	100
54	18Q61A0454	Gopagoni Bharath	33	91.6
55	18Q61A0455	Gandhe Pravin	36	100
56	18Q61A0456	Jinkala Anil Kumar Reddy	36	100
57	18Q61A0457	Kande Akhil Sai	36	100
58	18Q61A0458	Karanam Divya Bhanu	36	100
59	18Q61A0459	Voruganti Shravani	36	100
60	18Q61A0460	Kolanu Ajaykumar	36	100
61	18Q61A0461	Mainampati Meghana Reddy	36	100
62	18Q61A0462	Nimmala Rohith Reddy	36	100
63	18Q61A0463	Pidugu Vivek	36	100
64	18Q61A0464	Poloju Shiva Kumar	0	0
65	18Q61A0465	Sama Saireddy	36	100
66	18Q61A0466	Santhika Sainath	36	100
67	18Q61A0467	Akarapu Srikanth	36	100
68	18Q61A0469	B.Yadaiah	36	100
69	18Q61A0477	Durgam Mahesh	36	100
70	18Q61A0483	Sirajudeen Ameerjohn	33	91.6
71	18Q61A04B4	Krishnaveni Bache	36	100
72	18Q61A04B5	Madhavi Vagu	36	100
73	18Q61A04B6	Madhuri Tulla	33	91.6
74	18Q61A04B7	Mounika U	36	100
75	18Q61A04B8	Nirosha Gandla	36	100
76	18Q61A04C9	Tamada..Manasa	36	100
77	18Q61A04D6	Yarramsetti.Manikanta	36	100
78	18Q61A04D7	G.Nihas Reddy	36	100
79	18Q61A04D8	K.Dinesh	33	91.6
80	18Q61A04D9	A G Pravallika	36	100
81	18Q61A04E9	Bachu Yashwanth	36	100
82	18Q61A04F8	Kondeti. Vamsi Krishna	36	100



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83	18Q61A04G0	Korlakunta.Ashritha	36	100
84	18Q61A04G3	S.Vishnu Vardhan Reddy	33	91.6
85	18Q61A04G4	Kalavagunta.Charishma	36	100
86	18Q61A04G5	Garikina Karthik	36	100
87	18Q61A04G7	M.Poojitha	36	100
88	18Q61A04G8	Akkandara Praveen	36	100
89	18Q61A04H2	Gangisetty Anjani Kumar	36	100
90	17Q61A0480	Nambi Sai Teja	36	100
91	19Q65A0401	Balabhadra Sukanya	33	91.6
92	19Q65A0402	G Nagaraju	36	100
93	19Q65A0403	Kammadanam Nandini	36	100
94	19Q65A0404	Koripally Nikhila	33	91.6
95	19Q65A0405	Maale Shirisha	36	100
96	19Q65A0406	Math Aishwarya	36	100
97	19Q65A0407	Nalumasu Vaishnavi	36	100
98	19Q65A0408	Nandu Srikanth Reddy	0	0
99	19Q65A0409	Nomula Vijaya Rama Raju	36	100
100	19Q65A0410	Peyyala Sai Raju	36	100
101	19Q65A0411	Pittala Sairavali	36	100
102	19Q65A0412	Puligilla Pravalika	36	100
103	19Q65A0413	Pusala Yesumani	36	100
104	19Q65A0414	Vallepu Swathi	36	100
105	19Q65A0415	Vemula Rajesh	36	100
106	19Q65A0416	Vislavath Bhaskar Naik	33	91.6
107	19Q65A0417	Yamini Shivani	36	100
108	19Q65A0418	Yennam.Kondareddy	36	100
109	19Q65A0419	A Ashwini	36	100
110	19Q65A0420	Daram Mamatha	36	100
111	19Q65A0421	Detti Chandu	36	100
112	19Q65A0422	Devarigari Satya Prasad	36	100
113	19Q65A0423	Devunuri Sony	36	100
114	19Q65A0424	Gumpuula Chandana	33	91.6
115	19Q65A0425	K Shiva	36	100
116	19Q65A0426	Kakkunuru Prathyusha	36	100
117	19Q65A0427	Kakumani Harika	33	91.6
118	19Q65A0428	Kanuganti Karthik Kumar	36	100
119	19Q65A0429	Kothapalli Vamshi	36	100
120	19Q65A0430	Koyeda Sakethram	36	100
121	19Q65A0431	N Pavan Krishna	33	91.6
122	19Q65A0432	N Swathi	36	100
123	19Q65A0433	Nalla Teja	33	91.6
124	19Q65A0434	Nellutla Arun Kuumar	36	100
125	19Q65A0435	Nomula Govardhan	36	100
126	19Q65A0436	Pasala Peter Sandeep	33	91.6
127	19Q65A0437	Patibanda Lakshmi Saimanoj	36	100



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128	19Q65A0438	Puutta Swathi	36	100
129	19Q65A0439	Shaga Bharath Reddy	36	100
130	19Q65A0440	Sunkari Sravani	36	100
131	19Q65A0441	Vangari Ram Teja	33	91.6
132	19Q65A0442	Varkala Praveen Kumar	36	100


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


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



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	18Q61A0501	A Pavan Kalyan	36	100
2	18Q61A0502	A Akhila	36	100
3	18Q61A0503	Alumalla Shirisha	36	100
4	18Q61A0504	Anugula Srinivas	36	100
5	18Q61A0505	Bodolla Sai Kiran	36	100
6	18Q61A0506	Chelamala Penchalaiah	36	100
7	18Q61A0507	Duvvala Vinay	36	100
8	18Q61A0508	Erri Samagnya	36	100
9	18Q61A0509	Gatipelly Rohith	36	100
10	18Q61A0510	Giri Sai Kumar	33	91.6
11	18Q61A0511	Hanmanthu Sampathreddy	36	100
12	18Q61A0512	Jakkali Mahendar	36	100
13	18Q61A0513	Kankanala Vamsi	36	100
14	18Q61A0514	Kolla Prashanth	33	91.6
15	18Q61A0515	Kommineni Rithinkrishna	36	100
16	18Q61A0516	M Savitha	36	100
17	18Q61A0517	Malkareddy Jithender	36	100
18	18Q61A0518	Malreddy Vaishnavi	36	100
19	18Q61A0519	Mamidi Soujanya	0	0
20	18Q61A0520	Mankala Bhaskar	36	100
21	18Q61A0521	Maramraju Vishnu Sandilya	36	100
22	18Q61A0522	Mekala Vamshi Krishna	36	100
23	18Q61A0523	Miryala Vinay	36	100
24	18Q61A0524	Narra Ajitha	36	100
25	18Q61A0525	Nida Zehra	36	100
26	18Q61A0526	Nizamuddin Sameeruddin	0	0
27	18Q61A0527	Nukapelly Navaneeth Reddy	36	100
28	18Q61A0528	Ogeti Swetha	36	100
29	18Q61A0529	Pagala Hemanth Kumar	36	100
30	18Q61A0530	Palwai Akhila Reddy	36	100
31	18Q61A0531	Pirla Devi	36	100
32	18Q61A0532	Ritika Nitin Kulkarni	36	100
33	18Q61A0533	Sirigadha Anudeep	36	100
34	18Q61A0534	Vangala Aravind Reddy	36	100



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35	18Q61A0535	Vudharu Nagalaxmi	36	100
36	18Q61A0536	Barla Soumy	36	100
37	18Q61A0537	Dasari Sai Kavya	36	100
38	18Q61A0538	Ganji Rahul	0	0
39	18Q61A0539	Kandimalla Kiran Kumar Reddy	36	100
40	18Q61A0540	Kunchala Navya	36	100
41	18Q61A0541	Palanati Sai Vamshi	36	100
42	18Q61A0542	Sangars Swetha Sri	36	100
43	18Q61A0543	Arikatla Sravani	36	100
44	18Q61A0544	Baddula Sai Krishna	36	100
45	18Q61A0545	Bondalapati Ramya	36	100
46	18Q61A0546	D Sai Raj	36	100
47	18Q61A0547	Golapalli Vinisha	36	100
48	18Q61A0548	Gunamoni Vinay	36	100
49	18Q61A0549	Jalagiri Rahulmudiraj	36	100
50	18Q61A0550	Karna Bahadur Bista	36	100
51	18Q61A0551	Maram Nagarjuna Reddy	36	100
52	18Q61A0552	Mohammed Farhan	36	100
53	18Q61A0553	Nambi Nandini	36	100
54	18Q61A0554	Palra Gopi Reddy	36	100
55	18Q61A0555	Parshapag Kevinmatthew	33	91.6
56	18Q61A0556	Patibadla Sai Veerendra	36	100
57	18Q61A0557	Pulipati Shyamsunder	36	100
58	18Q61A0558	Nagati Likhith Kumar	36	100
59	18Q61A0559	R Chandra Sekhar Reddy	36	100
60	18Q61A0560	R Suresh Reddy	36	100
61	18Q61A0561	Al Vinay	36	100
62	18Q61A0562	Badugu Dip	36	100
63	18Q61A0563	Banala Vinaykumar	36	100
64	18Q61A0564	Bollabathini Aravind	36	100
65	18Q61A0565	Chintala Vaibhav Reddy	36	100
66	18Q61A0566	Erri Lavakumarreddy	0	0
67	18Q61A0567	Kadaveru Anusha	36	100
68	18Q61A0568	Kaki Sony	36	100
69	18Q61A0569	Kanala Sathwika	36	100
70	18Q61A0570	Kistammagari Karishma	36	100
71	18Q61A0571	Konda Naveen Kumar Reddy	36	100
72	18Q61A0572	Kotla Mahesh	33	91.6
73	18Q61A0573	Kudikala Manikanta	36	100
74	18Q61A0574	Kunapuri Prasanna	33	91.6



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75	18Q61A0575	Kyatham Aneesha	36	100
76	18Q61A0576	M Chandana	36	100
77	18Q61A0577	Manchikanti Asritha	33	91.6
78	18Q61A0578	Manda Kumara Swamy	36	100
79	18Q61A0579	Mannem Mounkumar	36	100
80	18Q61A0580	Marry Praveen Reddy	36	100
81	18Q61A0581	Mekapothula Soumya	36	100
82	18Q61A0582	Moguloju Divya	36	100
83	18Q61A0583	Mudiam Harsha Vardhan	36	100
84	18Q61A0584	Musuku Aishwarya	33	91.6
85	18Q61A0585	Palvai Harish	36	100
86	18Q61A0586	Penumuchhu Ramya Keerthi	33	91.6
87	18Q61A0587	Pothi Reddy Karthik Reddy	36	100
88	18Q61A0588	Pulipati Soundarya	36	100
89	18Q61A0589	Pulipelli Pavani	36	100
90	18Q61A0590	Ramidi Manoj Reddy	36	100
91	18Q61A0591	Rathnavath Shiva	36	100
92	18Q61A0592	Uragadda Bhudevi	36	100
93	18Q61A0593	Velagala T N S Adhi Narayana	36	100
94	18Q61A0594	Vuppu Siva Sai Venkata Krishna Ganesh	36	100
95	18Q61A0595	Yempati Bala Krishna	36	100
96	18Q61A0596	Boya Mohit	36	100
97	18Q61A0597	Dindu Siddhartha Goud	36	100
98	18Q61A0598	Gurijala Keerhi Sagar	0	0
99	18Q61A0599	Kondraju Gopi Raju	36	100
100	18Q61A05A0	Manne Madhumitha Reddy	36	100
101	18Q61A05A1	Popally Nagaraju	36	100
102	18Q61A05A2	Sarikonda Dorya Shivanandi	36	100
103	18Q61A05A3	K Bharath Kumar Reddy	36	100
104	18Q61A05A4	R Praveen	36	100
105	18Q61A05A5	Rachuri Aishwarya	36	100
106	18Q61A05A6	Sattu Saikiran	33	91.6
107	18Q61A05A7	Surkanti Navjeevan Reddy	36	100
108	18Q61A05A8	Valavala Venkata Santosh	36	100
109	18Q61A05A9	Karanam Sai Vandana Sreeja	36	100
110	18Q61A05B0	Dasari Vivek	36	100
111	18Q61A05B1	Seervi Sunil	36	100
112	18Q61A05B2	Challa Nithish Reddy	36	100
113	18Q61A05B3	Cherukumalli Vasu Babu	33	91.6
114	18Q61A05B4	Sama Shravani	36	100



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115	18Q61A05B5	Nikhil	36	100
116	17Q61A0507	Boina Narasimha Srivatsa	36	100
117	17Q61A0527	Madugula Uma Maheshwar	36	100
118	17Q61A0551	Suddapally Sunny	36	100
119	17Q61A0572	Kamakanti Pranay	33	91.6
120	17Q61A0579	Vemanamandu Ganesh Krishna	36	100
121	19Q65A0501	A Madhuri	36	100
122	19Q65A0502	Aligapally Shilpa	33	91.6
123	19Q65A0503	Allakonda Pranay Kumar	36	100
124	19Q65A0504	Boinapally Venkatesh	36	100
125	19Q65A0505	Dulgunde Vikas	36	100
126	19Q65A0506	Kongari Dharani	36	100
127	19Q65A0507	Kudire Manasa	33	91.6
128	19Q65A0508	Maragoni Mounika	36	100
129	19Q65A0509	Nalla Kumar	36	100
130	19Q65A0510	Rudra Bhanusri	36	100
131	19Q65A0511	Sripathi Naveen	36	100
132	19Q65A0512	Uppu Nihal Tarun	36	100


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VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP

INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	18Q61A0201	Beemani Ajithkumar	36	100
2	18Q61A0202	Bhukya Pavan Kumar	36	100
3	18Q61A0203	Boddu Saikumar	36	100
4	18Q61A0204	Boga Prasanna	36	100
5	18Q61A0205	Eslavath Sreedhar	0	0
6	18Q61A0206	Gajula Joshna	36	100
7	18Q61A0207	Guguloth Ganesh	36	100
8	18Q61A0208	Guguloth Pavan	36	100
9	18Q61A0209	Gunti Naveen	36	100
10	18Q61A0210	Kembasari Prasad	36	100
11	18Q61A0211	Kotrepalli Aparna	36	100
12	18Q61A0212	M Srinivas	0	0
13	18Q61A0213	Masna Ganesh	36	100
14	18Q61A0214	Mathangi Arun Kumar	36	100
15	18Q61A0215	Niraghatam Venkata Sai Krishna	36	100
16	18Q61A0216	Pradhumn Kumar Kharwar	36	100
17	18Q61A0217	Puli Srikanth	36	100
18	18Q61A0218	Sapavath Mahesh	36	100
19	18Q61A0219	Vaddepalli Jagadeesh	36	100
20	18Q61A0220	Vempati Shivani	33	91.6
21	18Q61A0221	Bommmoju Ranjith	36	100
22	18Q61A0222	Degala Asha	36	100
23	18Q61A0223	K Sandeep	36	100
24	18Q61A0224	Mundla Anusha	36	100
25	18Q61A0225	Vadluri Sumanth	36	100
26	18Q61A0226	K Ashok Kumar	36	100
27	18Q61A0227	K Sai Pavan	36	100
28	18Q61A0231	E.Alekhyia	36	100
29	18Q61A0232	Pulari Rahul	36	100
30	18Q61A0233	Palamani.Chenchu Karthikeya	36	100
31	19Q65A0201	A Shivam	36	100
32	19Q65A0202	Bommagani Deepika	36	100
33	19Q65A0203	Jangala Vinay Kumar	36	100
34	19Q65A0204	Mypa Sai Teja	36	100



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35	19Q65A0205	Siragoni Pavan Kumar	36	100
36	19Q65A0206	Thupakula Ruparani	36	100
37	19Q65A0207	Amarabad Naresh	33	91.6
38	19Q65A0208	Badavath Praveen	36	100
39	19Q65A0209	Badineni Ajay Kumar	36	100
40	19Q65A0210	Beldhar Sandeep Sailoo	36	100
41	19Q65A0211	Challa Saiprakash Reddy	36	100
42	19Q65A0212	Challagurugula Ram Prasad	36	100
43	19Q65A0213	Dhanavath Venkanna	36	100
44	19Q65A0214	Dodlapati Srikanth	36	100
45	19Q65A0215	Duba Srilakshmi	36	100
46	19Q65A0216	Garnepally Prashanth	36	100
47	19Q65A0217	Godugu Manohar	36	100
48	19Q65A0218	Golakoti Sindhu Sri	36	100
49	19Q65A0219	Gubbala Sri Chandana	33	91.6
50	19Q65A0220	Jammuladinne Raghuvarma Reddy	36	100
51	19Q65A0221	Kanuru Teja	33	91.6
52	19Q65A0222	Konaparthi Kalyan Kumar	36	100
53	19Q65A0223	L Yashwanth	36	100
54	19Q65A0224	Laknapuram Niranjan Reddy	36	100
55	19Q65A0225	Lingampalli Saicharan	36	100
56	19Q65A0226	Madasu Pranay	36	100
57	19Q65A0227	Madoori Sumanth	36	100
58	19Q65A0228	Medarapu Raj Kumar	36	100
59	19Q65A0229	Nakka Madhu Krishna	36	100
60	19Q65A0230	Nallamalla Sai Charitha	36	100
61	19Q65A0231	Putla Srinivas	36	100
62	19Q65A0232	R Vamshikrishna	36	100
63	19Q65A0233	Ragam Saishyam	36	100
64	19Q65A0234	Rayabarapu Sandeep Kumar	36	100
65	19Q65A0235	Shaik Thasleem	36	100
66	19Q65A0236	Siragoni Madhavi	36	100
67	19Q65A0237	Tangella Aishwarya	36	100
68	19Q65A0238	Thupakula Gopi Chand	36	100
69	19Q65A0239	Vadde Srinivasulu	36	100
70	19Q65A0240	Vinay Veldandi	36	100

CO COORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdi),
Kandam to the Dist. Telangana.

[Handwritten Signature]

[Handwritten Signature]
HOD

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

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdi),
Kandam Reddy District.



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED CORSE NAME: ENTREPRENEURSHIP & START UP

INITIATIVES

IV YEAR II-SEM

A.Y 2021-22

Date: 14-02-2022 to 04-03-2022

S.No	Roll Number	Name of The Student	No of Classes Attended	% Of Classes Attended
1	18Q61A0301	Gollapally Uday Kiran Reddy	36	100
2	18Q61A0302	Johns Jobin	36	100
3	18Q61A0303	Komma Pranay	36	100
4	18Q61A0304	Nampally Naresh	36	100
5	18Q61A0305	Vanguri Vijaykumar	36	100
6	18Q61A0306	Joshi Anirudh Chary	36	100
7	18Q61A0307	R Sachin	33	91.6
8	18Q61A0308	Naveen Kumar	36	100
9	19Q65A0301	Bhukya Vishnu Vardhan	36	100
10	19Q65A0302	Byagari Mounika	36	100
11	19Q65A0303	Chette Nagaraju	36	100
12	19Q65A0304	Damera Kalyani	36	100
13	19Q65A0305	G Sumana	36	100
14	19Q65A0306	Gyara Avinash	36	100
15	19Q65A0307	Ileni Ramya	36	100
16	19Q65A0308	Kasi Tharunteja	36	100
17	19Q65A0309	Lakavath Devaraj	36	100
18	19Q65A0310	Macha Praveen Kumar	36	100
19	19Q65A0311	Mandula Sravan Kumar	36	100
20	19Q65A0312	Ramavath Kumar	36	100
21	19Q65A0313	Rangu Vijay	36	100
22	19Q65A0314	Sadarla Sanjay Joel	36	100
23	19Q65A0315	Tattri Mallikarjun	36	100
24	19Q65A0316	Voggu Meghana	36	100
25	19Q65A0317	Addala Rajesh Balu	36	100
26	19Q65A0318	Akula Shashi Preetham	36	100
27	19Q65A0319	Akula Uday	36	100
28	19Q65A0320	Bapanipally Diwakar	36	100
29	19Q65A0321	Bareddy Narayana Reddy	36	100
30	19Q65A0322	Beesa Naveen	36	100
31	19Q65A0323	Bheemanaboina Renuka	36	100
32	19Q65A0324	Bhukya Kalyan	36	100
33	19Q65A0325	Boya Rajashekar	36	100
34	19Q65A0326	Chandragiri Manishankar	36	100



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35	19Q65A0327	Chetty Vikas	36	100
36	19Q65A0328	Dayyala Vidyasagar	36	100
37	19Q65A0329	Dharani Naresh	0	0
38	19Q65A0330	Gandham Pavankalyan	36	100
39	19Q65A0331	Gattu Poojitha	36	100
40	19Q65A0332	Govvala Vijay Kumar	36	100
41	19Q65A0333	Gumpula Uudaykiran	36	100
42	19Q65A0334	Gunda Dileep	36	100
43	19Q65A0335	Gurram Prashanth	36	100
44	19Q65A0336	Isukapatla Ashishchandan	36	100
45	19Q65A0337	K Shankar	33	91.6
46	19Q65A0338	Kashapogu Moses	36	100
47	19Q65A0339	Konaparthi Murali Krishna	36	100
48	19Q65A0340	Korra Ravi Kumar Nayak	36	100
49	19Q65A0341	Kummula Umakanth	36	100
50	19Q65A0342	Kunsoth Jayanth Kumar	36	100
51	19Q65A0343	Maduuri Harish	36	100
52	19Q65A0344	Matta Rakesh	36	100
53	19Q65A0345	Menthyala Sridhar	36	100
54	19Q65A0346	P Rithvik Kumar	33	91.6
55	19Q65A0347	Paladugu Amarnath	36	100
56	19Q65A0348	Shaik Usman Shareef	36	100
57	19Q65A0349	Thodeti Gopalakrishna	33	91.6
58	19Q65A0350	Vadala Nikhil	36	100
59	19Q65A0351	Vakulabharanam Pranav	36	100
60	19Q65A0352	Vemula Suresh	36	100

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 14-03-2022

PROGRAM REPORT

Name of the Value Added Course: Entrepreneurship & Start up Initiatives

Day/Duration: 36 hours

Time: 01:30 pm to 04:00 pm

Resource Person: Mr.Subhash Patil, Technical Trainer, Cisco systems.

Name of the Coordinator: Mr.G.Chandrashekar reddy, Assistant Professor.

Number of the Participants: 380

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.
- Meet an Entrepreneur.

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This is to Certify that Mr / Ms **V.SHIVANI** of **EEE 4th Year** of **Avanathi Institute of Engineering and Technology** located at **Gunthapally (v), R.R.Dist** has successfully completed **36 Hrs** of Value Add Course on “**Entrepreneurship & Start Up Initiatives**” conducted by **SashakT HR Services Pvt Ltd** from **14th FEB 2022** to **04th MAR 2022** in association with **Avanathi's IQAC Cell**.

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This is to Certify that Mr / Ms **A.VENKATESH** 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 & Start Up Initiatives”** conducted by **SashakT HR Services Pvt Ltd** from **14th FEB 2022** to **04th MAR 2022** in association with **Avanthi's IQAC Cell**.

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This is to Certify that Mr / Ms **V.SURESH** 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 & Start Up Initiatives**” conducted by **SashakT HR Services Pvt Ltd** from **14th FEB 2022** to **04th MAR 2022** in association with Avanthi's IQAC Cell.

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This is to Certify that Mr / Ms **R.VIJAY** 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 & Start Up Initiatives**” conducted by **SashakT HR Services Pvt Ltd** from **14th FEB 2022** to **04th MAR 2022** in association with Avanthi's IQAC Cell.

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