AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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

1.2.1: Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, and NPTEL etc. (whare the students of the institution have enrolled and successfully completed during the last five years)

INDEX

ACADEMIC YEAR	DESCRIPTION	PAGE NO'S
2022-2023	Broucher/ Certificate	2-158
2021-2022		159-291
2020-2021		292-408
2019-2020		409-484
2018-2019		485-578

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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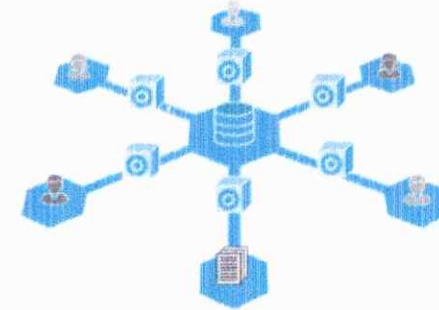- Load & transform data in Snowflake

Resource Person	**Co-ordinator**
Mr.Abhishek Nayar	**Mr.S.Raghu**
Project Engineer	**Assistant Professor**
IBeon Info Tech	**Department of CSE**

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VALUE ADDED COURSE ON

" SNOWFLAKE CONTINUOUS DATA PIPELINES"

19th SEP to 24th SEP 2022

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IBeON INFOTECH ™

Telephone: +91-88-65335559
Email: info@ibeoninfotech.in
Website: www.ibeoninfotech.in

COURSE COMPLETION CERTIFICATE

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

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

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

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

S. Raghu

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

Authorized Signatory

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

iBeON INFOTECH™

COURSE COMPLETION CERTIFICATE

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

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

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

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

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

Authorized Signatory

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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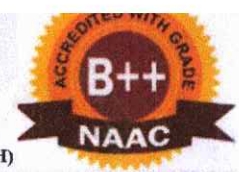**Dr.Abdul Ahad Afroz**
Associate Professor
Department of CSE

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

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

LAST DATE FOR REGISTRATION:15th OCT,2022

ADD-ON COURSE ON

"CYBER SECURITY-ESSENTIALS SECURITY SKILLS"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **U.SAHASRA** Bearing roll number **20Q61A0584** from the department of **Computer Science and Engineering** completed the value added course on **"CYBER SECURITY-ESSENTIALS SECURITY SKILLS"** During the year **2022-23**.

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

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

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

2022-23.

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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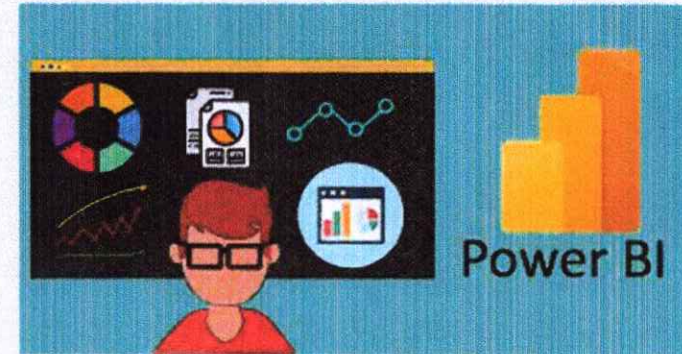
VALUE ADDED COURSE ON

"POWER BI DEVELOPER"

31st OCT to 05th NOV 2022

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

LAST DATE FOR REGISTRATION:03rd OCT,2022

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SOFT Computing

ADD-ON COURSE ON
"SOFT COMPUTING METHODOLOGIES"

05th TO 10th DEC,2022

DURATION OF THE COURSE 30 HRS

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.SHIVANI** Bearing roll number **21Q61A0501** from

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

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

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

Head of The Department

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

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
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.JAHNAVI** Bearing roll number **21Q61A0530** from

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

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

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

Resource Person
Dr.Dinesh
Professor
Department of CSE,BRIET

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

LAST DATE FOR REGISTRATION:17th DEC,2022

AVANTHI

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ADD-ON COURSE ON

"APACHE PYSPARK"

19th DEC TO 24th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tec
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 **CH.BHAVYA** Bearing roll number **21Q61A0540** from

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

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

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

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

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

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

LAST DATE FOR REGISTRATION:31st DEC,2022

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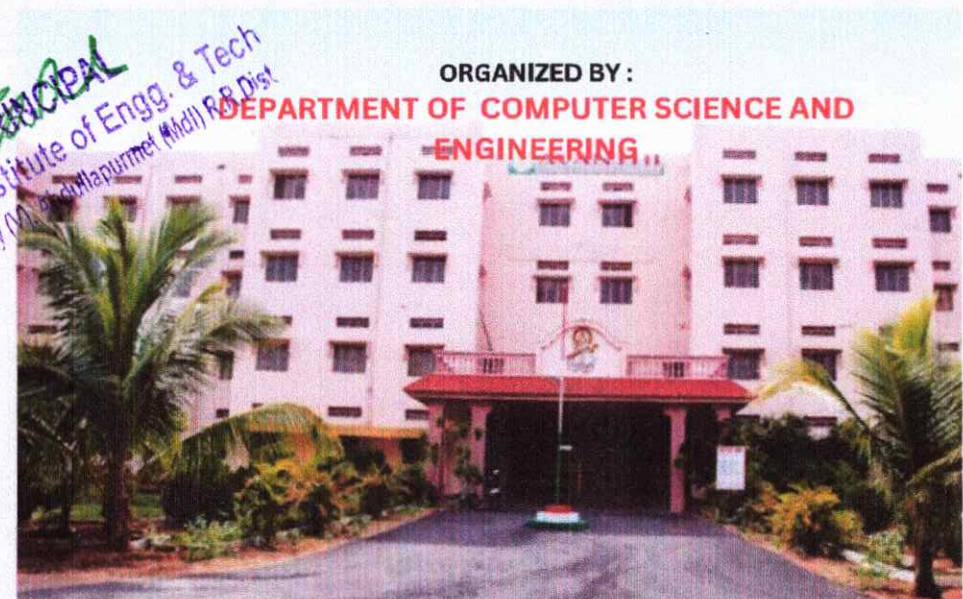
B++ NAAC

Data Structures in Python

ADD-ON COURSE ON

"INFORMATION STRUCTURES WITH PYTHON"

02nd JAN TO 7th JAN,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

NAVYA INSTITUTE OF COMPUTER TECHNOLOGIES

CERTIFICATE

OF COURSE COMPLETION

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

DIRECTOR

J. Spadanay
CO ORDINATOR
...anthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. P.**DEVIKA** Bearing Roll.No **21Q61A05B4** Department of **COMPUTER SCIENCE**

AND ENGINEERING from **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in **"INFORMATION**

STRUCTURES WITH PYTHON" Organized by '**NAVYA INSTITUTE OF COMPUTER**

TECHNOLOGIES ' During dates **02/01/2023** to **07/01/2023**.

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

DIRECTOR

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

LAST DATE FOR REGISTRATION:14th JAN,2023

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ADD-ON COURSE ON

"DEEP LEARNING FOR HEALTHCARE"

16th JAN TO 21st JAN,2023

DURATION OF THE COURSE 36HRS

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

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

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

M. U dayabhanu

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

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

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

M. Udayabhanu

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

Resource Person   Co-ordinator

Mr.Doti Nagaraju   Mrs.K.Swathi

Assistant Professor   Assistant Professor

Department of CSE   Department of CSE

LAST DATE FOR REGISTRATION:18th FEB,2023

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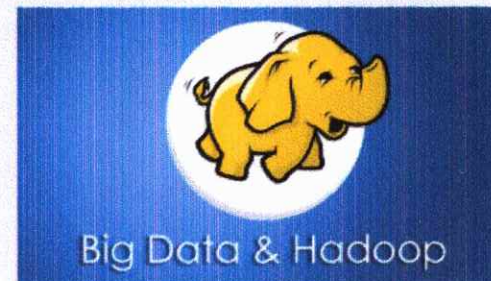
Big Data & Hadoop

ADD-ON COURSE ON

"HADOOP & BIG DATA"

20th FEB TO 25th feb,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.BHASKAR** Bearing roll number **21Q61A05E4** from the department of **Computer Science and Engineering** completed the value added course on **"HADOOP & BIG DATA"** During the year **2022-23**.

K. Saathi

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

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

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

K-Swathi

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

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

LAST DATE FOR REGISTRATION:25th MAR,2023

AVANTHI

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NAAC

ETL Testing

ADD-ON COURSE ON

"ETL TESTING"

27th MAR TO 01st APR,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

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

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

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

MANAGING DIRECTOR

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

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

EXCELR
Raising Excellence

CERTIFICATE

OF PARTICIPATION

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

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

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

MANAGING DIRECTOR

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

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

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ADD-ON COURSE ON

"SQLITE DATA BASE USING NODE.JS"

08th MAY TO 13TH MAY,2023

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LAST DATE FOR REGISTRATION:-06th MAY,2023

COURSE COMPLETION CERTIFICATE

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

DIRECTOR

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

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

COURSE COMPLETION CERTIFICATE

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

DIRECTOR

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

HOD CSE

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

- Define beans and autowire them as required.

- Setup and develop web-based applications.

- Include database access with object persistence and transaction support

EXPECTED OUTCOMES

- Web and Data access using Spring Boot.

- Developer tools and test support provided in Spring Boot.

- Operational features used in Spring Boot.

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

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

LAST DATE FOR REGISTRATION:-03rd JUNE,2023

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ADD-ON COURSE ON

"A COMPILE GUIDE TO JAVA SPRING MVC"

05th JUNE TO 10th JUNE,2023

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
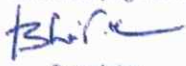
PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntlhapally (V), Abdullapurmet (Mdl) R.R.Dist

ASK Training Services

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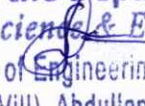
For ASK Training Services

Proprietor

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

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

ASK Training Services

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

For ASK Training Services

Proprietor

CO ORDINATOR
anthi Institute of Engineering & Technol
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

ead of the Department
mputer Science & Engineering
hi Institute of Engineering & Technology
nthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District, Telangana.

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

Co-ordinator
Mr.D.Suryaprakash
Assistant Professor
Department of ECE

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

LAST DATE FOR REGISTRATION: 24th SEP,2022

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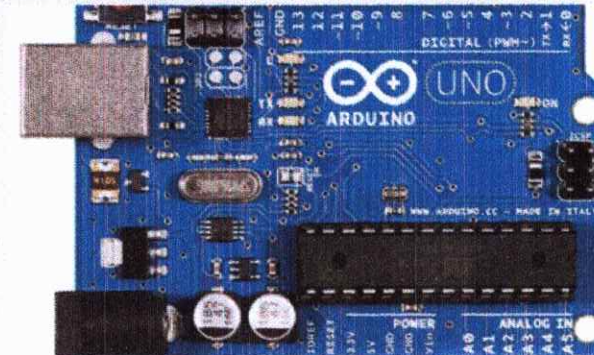
ADD-ON COURSE ON

"EMBEDDED SYSTEM DESIGN BASED ON ARDUINO"

26th SEP TO 1st OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

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

DIRECTOR

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

HOD ECE

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

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

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

Yania Das

DIRECTOR

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

HOD ECE

Head of the Department
Electronics & Communication Engineering
Engineering & Technology

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

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

LAST DATE FOR REGISTRATION:15th OCT,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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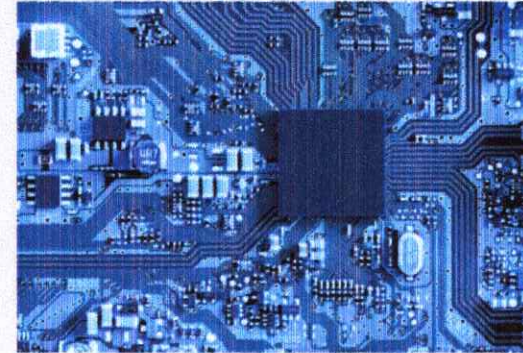
ADD-ON COURSE ON

"ANALOG VLSI DESIGN"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

F. Leelavathi

Head of The Department

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

Co-Ordinator

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

PRINCIPAL

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

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

𝒯. Leelavathi

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

LAST DATE FOR REGISTRATION: 3rd DEC,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)
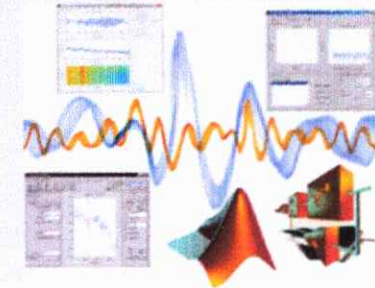
ADD-ON COURSE ON

"MAT LAB BASED ON SIGNAL & IMAGE PROCESSING"

5th DEC TO 10th DEC,2022

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

Head of The Department

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Katravath Rajesh** Bearing roll number **21Q61A0423** from the department of ECE completed the value added course on **"MATLAB BASED ON SIGNAL AND IMAGE PROCESSING"** During the year **2022-23**.

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

Resource Person
Mr.L.Vijaykumar
Technical Trainer
Conscience Technology

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

LAST DATE FOR REGISTRATION: 25th DEC,2022

AVANTHI

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ADD-ON COURSE ON

"ANDROID APPS DEVELOPMENT"

27th DEC TO 31st DEC,2022

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

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

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

Academic Director

CONSCIENCE TECHNOLOGIES

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

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **V.SAKETH** BEARING REG.NO

21Q61A0446 IS PARTICIPATED IN **"ANDROID APPS DEVELOPMENT"** COURSE

CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,**

GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY, IN ASSOCIATION WITH

'CONSCIENCE TECHNOLOGIES' FROM **27/12/2022 TO 31/12/2022**

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

Academic Director
CONSCIENCE TECHNOLOGIES

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

upon successful completion of the Certificate, graduates should be able to:

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

EXPECTED OUTCOMES

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

Resource Person
Mr.Shalem Raju
Subject Expert
Excelr Solutions

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

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

LAST DATE FOR REGISTRATION:31st DEC,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

B++
NAAC
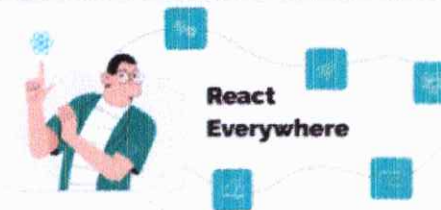
React
Everywhere

ADD-ON COURSE ON

"WEB DEVELOPMENT USING REACT JS"

02nd JAN TO 7th JAN,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

OF PARTICIPATION

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

MANAGING DIRECTOR

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

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

CERTIFICATE

OF PARTICIPATION

Mr./Ms. **Ode Beeraiah** Bearing Roll.No **22Q61D5711** pursuing M.Tech. Ist Year,Department of **ELECTRONICS AND**

COMMUNICATION ENGINEERING from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,

Rangareddy has participated in **"WEB DEVELOPMENT USING REACT JS"** Organized by **'EXCELR Raising excellence'**

During dates **02/01/2023 to 07/01/2023**.

MANAGING DIRECTOR

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

HOD ECE Department
Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & T...
Gunthapally (Vill), Abdullapur...
District. ...
Ranga R...

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

LAST DATE FOR REGISTRATION: 18th FEB,2023

AVANTHI

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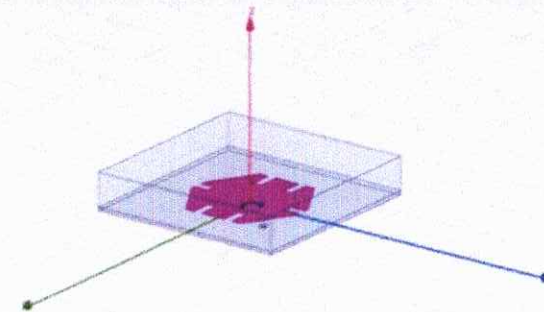
ADD-ON COURSE ON

"ANTENNA DESIGN USING HFSS"

20th FEB TO 25th FEB,2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

Head of The Department

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

S. Sagar

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

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

LAST DATE FOR REGISTRATION: 04th MAR,2023

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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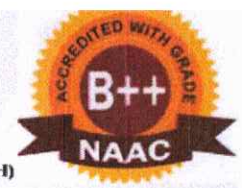
Mentor Graphics®

ADD-ON COURSE ON

"MENTOR GRAPHICS"

06th MAR TO 11th MAR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE COMPLETION CERTIFICATE

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

"MENTOR GRAPHICS" course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **06/03/2023 to 11/03/2023**.

Sd/-
Authorised Signatory
M/s Innovative Systems

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

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

COURSE COMPLETION CERTIFICATE

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

Sd/-
Authorised Signatory
M/s Innovative Systems

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

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

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

LAST DATE FOR REGISTRATION: 25th MAR,2023

AVANTHI

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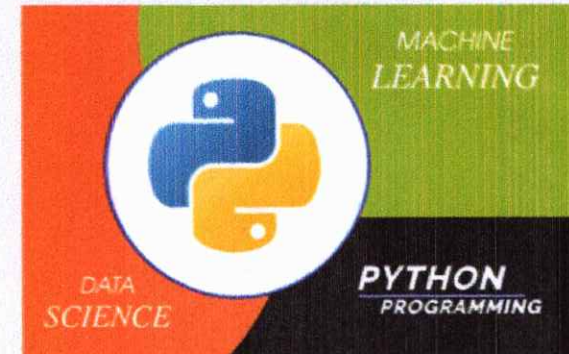
ADD-ON COURSE ON

"MACHINE LEARNING & DATA SCIENCE BY PYTHON"

27th MAR TO 01st APR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

Head of The Department

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

Co-Ordinator

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

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

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

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

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

ABOUT THE COURSE

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

COURSE OBJECTIVES

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

EXPECTED OUTCOMES

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

Resource Person
Mr.Alok Kumar
Senior Trainer
Team Link Consultants

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

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

LAST DATE FOR REGISTRATION: 6thMAY,2023

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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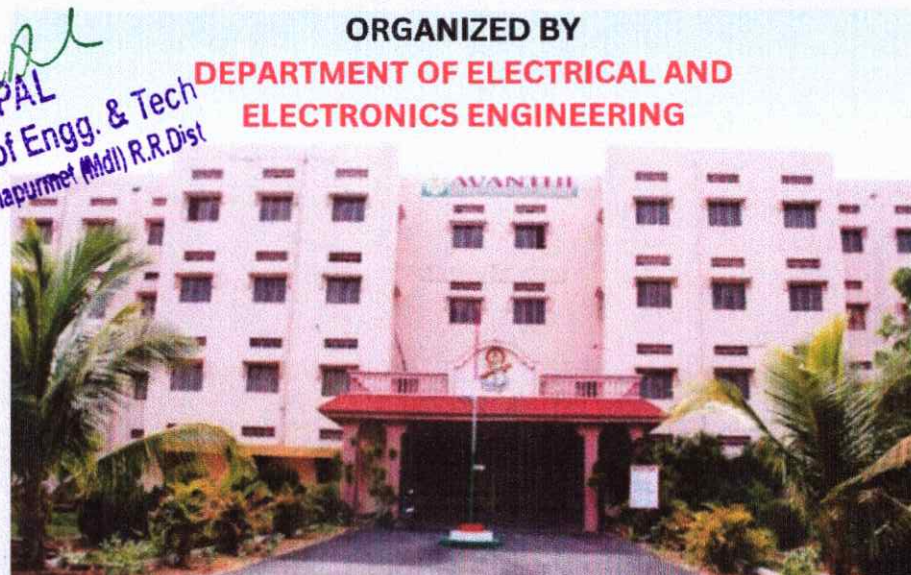

ADD-ON COURSE ON

"DATA VISULIZATION TABLEAUR"

08th MAY TO 13th MAY,2023

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TeamLink Consultants

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Poreddy Vineetha** Bearing Reg.No **21Q65A0410** is participated in **"DATA VISULIZATION TABULEAUR"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'TEAM LINK CONSULTANTS'** from **08/05/2023 to 13/05/2023**.

Sign

Name: Bikshu.G

Designation: Manager HR

Date:

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

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

TeamLink ⊙
Consultants

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Purwanth Mounika** Bearing Reg.No **21Q61A0454** is

participated in **"DATA VISULIZATION TABULEAUR"** course conducted at the **Avanthi**

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

Association with **'TEAM LINK CONSULTANTS'** from **08/05/2023 to 13/05/2023**.

Sign

Name: Bikshu G

Designation. Manager HR

Date:

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

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

ABOUT THE COURSE

In an electrical system, there would be a lot of electrical components and all these components would be connected to do some operations. This system would be designed according to the electric load of a building, and also it would be designed according to the space which is required for the equipment. There are certain codes that must be considered while designing an electrical system.

COURSE OBJECTIVES

- Emphasize the estimating and costing aspects of all electrical equipment, installation and designs to analyse the cost Availability.
- Exposure to design and estimation of wiring, design of overhead and underground distribution lines, substations and illuminations design.
- These techniques should help the students to successfully estimate costing of the products/projects that are part of our everyday usage.
- a basic knowledge on methods and types of estimation and its merits and demerits
- To prepare the schedule of materials with specifications and estimates for different types of electrical installations.

EXPECTED OUTCOMES

- The estimating and costing aspects of all electrical equipment
- Exposure to design and estimation of wiring.
- To design illumination systems.
- Understand types of substations and their ratings.
- These techniques should help the students to successfully estimate costing

Resource Person
Mr.MD.Hareef
Senior Engineer
Diplomat Electricals pvt ltd

Co-ordinator
Mr.B.Srikanth
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:8th OCT,2022

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

B++
NAAC

ADD-ON COURSE ON

"ELECTRICAL LOAD ESTIMATION AND DESIGNING"

10th OCT TO 15th OCT,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **B.Bhanu Prasad** Bearing Roll.No **20Q61A0201**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**ELECTRICAL LOAD ESTIMATION AND DESIGNING**" Organized by '**Diplomat Electricals pvt. Ltd.**' During dates **10/10/2022** to **15/10/2022**.

Sd/-
Authorized Signatory
M/s **Diplomat Electricals Pvt. Ltd**

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

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

DIPLOMAT ELECTRICALS PVT. LTD.
...the Engineering People

22 / 163 - 2 , 3rd Floor, Above Tadla Eye Hospital,
Jayanagar Colony, Opp. KPHB, Kukatpally,
Hyderabad - 500 072 Andra Pradesh, India.
Tel. No. : +91 - 40 – 40064747.

E-mail : adminhvd@diplomatelectricals.com

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **CH.Swetha** Bearing Roll.No **21Q65A0208**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from **Avanthi Institute of Engineering & Technology,**Gunthapally,Abdullapurmettu,Rangareddy has participated in "**ELECTRICAL LOAD ESTIMATION AND DESIGNING**" Organized by 'Diplomat Electricals pvt. Ltd.' During dates **10/10/2022** to **15/10/2022**.

COORDINATOR
Avanthi Institute of Engineering & Technolog
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Sd/-
Authorized Signatory
M/s Diplomat Electricals Pvt. Ltd

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

ABOUT THE COURSE

The behaviour of existing electrical grid changes very fast and requires dynamic platforms to address the peculiarities related to increased penetration from renewable energy sources, possible inclusion of electric vehicles, ensuring energy security, open access and deregulation. The grid should be resilient enough to behave smartly. The time has come for the existing electric grid to become a smart grid by incorporating dynamic platforms of communication technologies superimposing over the existing electricity infrastructure.

COURSE OBJECTIVES

- Smart electric power grids, including definition, design criteria, technology and IoT.
- Information processing and communications to the power grid.
- Understanding the development of the smart grid,
- Smart grid design, implementation, evaluation and management of smart electricity infrastructure.

EXPECTED OUTCOMES

At the end of this course students will be able to ...
- Understand the fundamental element of the smart grid and power grid.
- Understand different communication technologies used in smart grids.
- Get accustomed with the fundamentals of SCADA and IED
- Understand the Importance of Automation in Substation and substation Automation.
- Understand the Energy management systems in era of smart grid.
- Understand the distribution automation for smart grid development.

Resource Person
Dr.T.Kranthi Kumar
Associate Professor
Department of EEE

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

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

LAST DATE FOR REGISTRATION:28th OCT,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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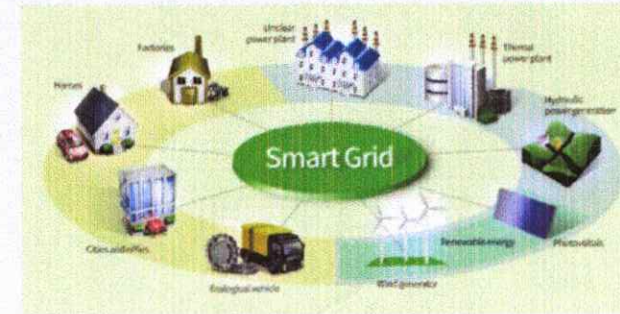
ADD-ON COURSE ON

"SMART GRID"

31st OCT TO 05th NOV,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **D.NANDU** Bearing roll number **21Q65A0210** from the

department of **EEE** completed the value added course on "**SMART GRID**" During the year

2022-23.

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

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

PRINCIPAL
Principal
Avanthi Institute of Engg
Gunthapally, Abdullapurmet (M)

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.TRINATH** Bearing roll number **21Q65A0223** from the department of **EEE** completed the value added course on **"SMART GRID"** During the year **2022-23**.

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

U · Ganesh
Co-Ordinator
CO ORDINATOR
~anthi Institute of Engineering & Technolog,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

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ABOUT THE COURSE

The transformer in the simplest way can be described as a thing that steps up or steps down voltage. In a step-up transformer, the output voltage is increased and in a step-down transformer, the output voltage is decreased. The step-up transformer will decrease the output current and the step-down transformer will increase the output current for keeping the input and the output power of the system equal.

COURSE OBJECTIVES

- A transformer transfers electric power from one circuit to another circuit without a change in frequency. It contains primary and secondary winding.
- The primary winding is connected to the main supply and secondary to the required circuit.

EXPECTED OUTCOMES

- Understand the working of transformer.
- Types of transformer.
- Design methodology.
- Testing, and Manufacturing technique of transformer

ADD-ON COURSE ON

"DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER"

05th DEC TO 10th DEC,2022

DURATION OF THE COURSE 36 HRS

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Resource Person
Mr.G.Madhukar
Subject Expert
Asset Integrated Info Systems

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

Co-ordinator
Mr.D.Nageshwar Rao
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:-03rd DEC,2022

A
Asset
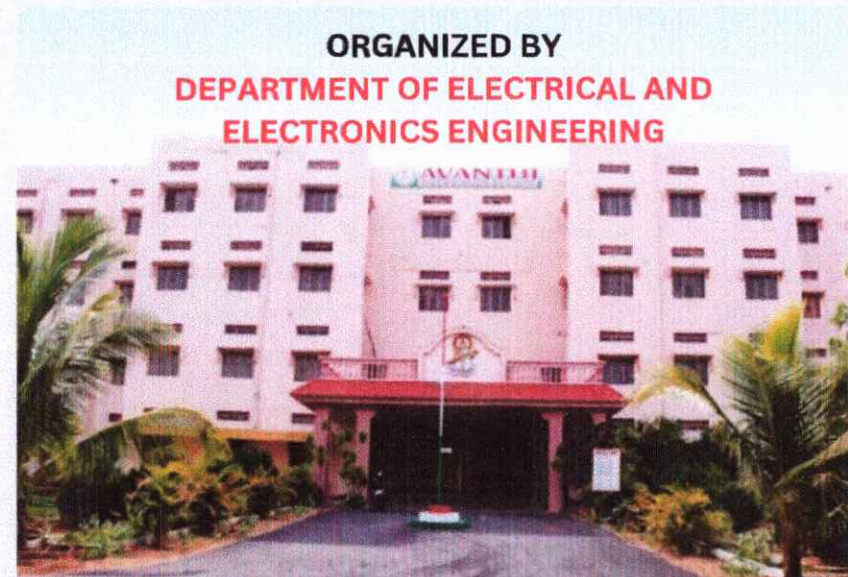
CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **A.SHIVA** Bearing Roll.No **21Q61A0201**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from Avanthi Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**" Organized by 'ASSET INTIGRATED INFO SYSTEMS ' During dates **05/12/2022** to **10/12/2022**.

V. Ramasubramanyam

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

D. Nageshwar Rao
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

ASSET INTIGRATED INFO SYSTEMS

#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080, Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

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

Asset

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **S.PRAVEEN** Bearing Roll.No **22Q65A0211**,Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from Avanthi Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**DESIGN AND FABRICATION OF LOW VOLTAGE TRANSFORMER**" Organized by 'ASSET INTIGRATED INFO SYSTEMS ' During dates **05/12/2022** to **10/12/2022**.

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

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

ASSET INTIGRATED INFO SYSTEMS
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T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

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

ABOUT THE COURSE

Course Description for Microgrid Certification Training. All participants will understand the basics of microgrid operation and should be able to understand the solar photovoltaic panels, wind farms, and battery energy storage systems. You will also learn: Transformers in microgrids.

COURSE OBJECTIVES

- A transformer transfers electric power from one circuit to another circuit without a change in frequency. It contains primary and secondary winding.
- The primary winding is connected to the main supply and secondary to the required circuit.

EXPECTED OUTCOMES

- Understand the concepts of micro grids, and networked micro grids
- Model PV power systems and standard grid-tied inverter
- Analyze distribution grid power flow
- Understand centralized control and distributed control in micro grids, especially primary, secondary and tertiary control
- Conduct power flow analysis for droop-control-based micro grids and networked micro grids.
- Use RTDS for real-time simulation of micro grids
- Understand fault ride-through and active fault management for micro grids
- Understand basics of cyber security in micro grids and active defense strategy.

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

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R-r Dis:

Co-ordinator
Mr.M.Shankar
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:-31st DEC,2022

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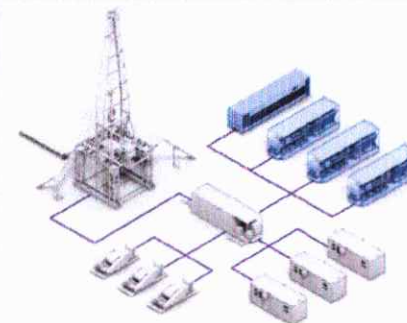
ADD-ON COURSE ON

"HYBRID MICROGRIDS"

02nd JAN TO 07th JAN,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.SWETHA** Bearing roll number **21Q61D0702** from

the department of **EEE** completed the value added course on **"HYBRID MICROGRIDS"**

During the year **2022-23**.

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

M. Shankar
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.
Principal

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.MAHESH** Bearing roll number **22Q65A0213** from the

department of **EEE** completed the value added course on "**HYBRID MICROGRIDS**"

During the year **2022-23**.

Head of the Department

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

M.Shankar

Co-Ordinator

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

PRINCIPAL

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

ABOUT THE COURSE

A shift towards electric mobility is essential for India considering high amount of petroleum imports, its adverse impact on the trade balance, valuable foreign exchange and environment. Since, two-wheelers dominate the Indian road transport sector this segment deserves an immediate attention. The electric two-wheeler technology has now matured to a significant level and a number of manufacturers have come out in the market with saleable products.

COURSE OBJECTIVES

The transition to electric mobility is a promising global strategy for decarbonizing the transport sector. The primary objective of this course is a beginner level course designed to introduce students to Electric Vehicles (EV) and give them a brief idea about EVs, and its importance. This course gives some basic technical foundations regarding EVsin-order to help them move on to EV technology applications.

EXPECTED OUTCOMES

Understand the growth and need of the EV technology.

- Get introduced to electric vehicles, understand how EVs are different from IC engine vehicles and identify various parts of an EV.
- Can have the practical exposure of assembling and dissembling charger units in EVs.
- Understand the overview of the technological and regulatory frame works and governance structures needed in EV technology for charging stations.

Resource Person	Co-ordinator
Mr.K.Chandrashekar	Miss.Ragini
Assistant Professor	Assistant Professor
Department of EEE	Department of EEE

LAST DATE FOR REGISTRATION:-25th FEB,2023

AVANTHI

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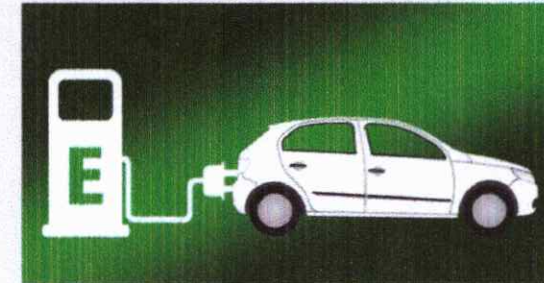
ADD-ON COURSE ON

"ELECTRICAL VEHICAL(2W) TECHNOLOGY"

27th FEB TO 04th MAR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **T.NAGESH** Bearing roll number **21Q65A0245** from the department of **EEE** completed the value added course on **"ELECTRICAL VEHICLE(2W) TECHNOLOGY"** During the year **2022-23**.

T. Karth

Head of The Department

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

Ragini

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

PRINCIPAL

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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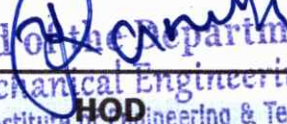Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.VINAY** Bearing roll number **21Q65A0230** from the

department of **EEE** completed the value added course on **"ELECTRICAL VEHICLE(2W)**

TECHNOLOGY" During the year **2022-23**.

Head of The Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Tech
Gunthapally (Vlll), Abdullapur Met (Mdl),
Ranga Reddy District.

Ragini

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

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

ABOUT THE COURSE

SolidWorks is a 3D modeling, parametric application software. It improves visualization, collaboration, and innovation, besides improving efficiencies in every downstream function of the product development process. It has both parametric and direct modelling capabilities. SolidWorks is known for its user-friendly GUI with quick-to-understand features that come in handy for design development.

COURSE OBJECTIVES

- Students will be able think through the design process and apply knowledge of current technology software and manufacturing machines.
- To produce their finished designs in a safe and ethical manner

EXPECTED OUTCOMES

- Basic concepts, laws and principles of thermodynamics to use and select equipment's/devices/machines working on these basics.
- Outline various Thermodynamic processes and analyse them with respect to various parameters.
- Comparison of Thermodynamic cycles based on different parameters.
- observing changes in thermodynamic properties during each stroke of ICEs
- Identify the elements of gas turbines and processes of Jet propulsion system

Resource Person
Dr.Y.Ramesh Babu
Assistant Professor
Department of MECH

Co-ordinator
Mr.K.Sumanth
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:15th OCT,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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ADD-ON COURSE ON

"SOLID WORKS"

17th OCT TO 22nd OCT,2022

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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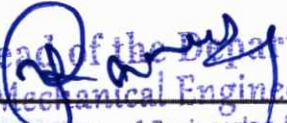Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **T.SATHWIK** BEARING ROLL NUMBER **20Q61A0305** FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE VALUE ADDED COURSE ON "**SOLID WORKS**" DURING THE YEAR **2022-23**.

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

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

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **B.SWETHA** BEARING ROLL NUMBER **21Q65A0308**

FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE VALUE ADDED

COURSE ON **"SOLID WORKS"** DURING THE YEAR **2022-23**.

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

HOD

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.
Principal

ABOUT THE COURSE

This course covers Fundamentals and concepts of CNC machining centres, NC part programming, Programming through CAD/CAM, and Maintenance and Troubleshooting the CNC machine tools. This course offers more hands on experience through which the participants will be developing CNC programs and machining complicated shapes by using the CNC machine tools

COURSE OBJECTIVES

- Evaluate manufacturing assignment based on critical thinking and problem solving skills. Become a good communicator and effective team member.
- Practice writing complex "G" code programs for CNC turning centers that meet the part specification
- Interpret and demonstrate complex "G" code programs for CNC milling centers that meet the part specification
- Prepare "G: code programs to perform secondary operations including tapping, countersinking, counter boring, and threading.
- Describe and illustrate common problems with tooling and fixtures in CNC programming and machining

EXPECTED OUTCOMES

- Explain applications and advantages of CNC machines and technology
- Demonstrate and explain various CNC control Calculate technological data for CNC machining
- Understand the importance and use of PPE's
- Prepare and understand line program for various profiles Identify and set parameters for various simulators
- Prepare programs , demonstrate , simulate and operate CNC lathe machines for various machining operations
- Prepare programs , demonstrate , simulate and operate CNC milling machines for various machining operations
- Define and explain Modern CNC systems and explain its importance in manufacturing

Resource Person
Dr.G.Ramachandra Reddy
Professor
Department of MECH

Co-ordinator
Mrs.A.Swathi
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:05th NOV,2022

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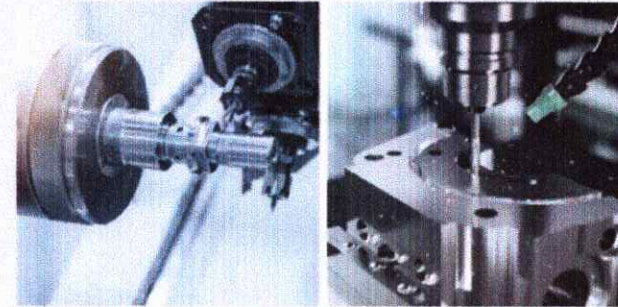
ADD-ON COURSE ON

"CNC TURNING AND MILLING"

07th NOV TO 12th NOV ,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (M), Abdullapurmet Madl, R.R.dst

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **E.Srikanth** Bearing roll number **21Q65A0315** from the

department of **Mechanical Engineering** completed the value added course on **"CNC TURNING**

AND MILLING" During the year **2022-23**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.Pallavi** Bearing roll number **21Q65A0324** from the department of **Mechanical Engineering** completed the value added course on **"CNC TURNING AND MILLING"** During the year **2022-23**.

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

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

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

ABOUT THE COURSE

The focus is how to safely use liquid nitrogen systems and products for various applications and materials compatibility. This course is helpful for engineers, safety staff, technicians, and managers and also includes medical use of liquid nitrogen as well as cryogenic testing for it.

COURSE OBJECTIVES

- To provide the knowledge of evolution of low temperature science
- To provide knowledge on the properties of materials at low temperature
- To familiarize with various gas liquefaction and refrigeration systems and to provide design aspects of cryogenic storage and transfer lines.

EXPECTED OUTCOMES

- To gain knowledge and to understand the scope and history of cryogenics.
- To apply the knowledge of low temperature production methods to understand and analyze different liquefaction systems.
- To apply the knowledge of ideal refrigeration techniques, to understand and analyze common cryogenic refrigeration systems.
- To gain knowledge and to understand various cryogenic fluid storage and transport systems and to evaluate their performance applying fundamental concepts
- To gain knowledge about different cryogenic instrumentation and to understand cryo pumping.

Resource Person
Mr.RV.Prahlad
Assistant Professor
Department of MECH

Co-ordinator
Mr.V.Harinayak
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:10th DEC,2022

AVANTHI

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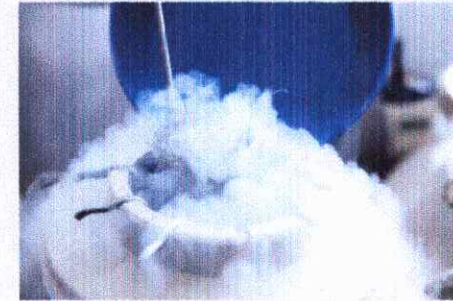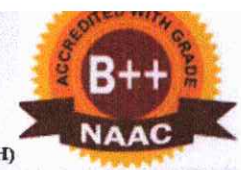
ADD-ON COURSE ON

"CRYOGENIC"

12th DEC TO 17th DEC,2022

DURATION OF THE COURSE 30 HRS

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

ORGANIZED BY :

DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **K.THARUN** BEARING ROLL NUMBER **19Q61A0303**

FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED

COURSE ON **"CRYOGENIC"** DURING THE YEAR **2022-23**.

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

HOD

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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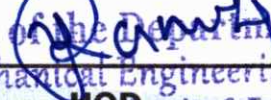Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **K.NARESH** BEARING ROLL NUMBER **20Q65A0313**

FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE VALUE ADDED

COURSE ON "CRYOGENIC" DURING THE YEAR **2022-23**.

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

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

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

ABOUT THE COURSE

Hypermesh is a software used for computer aided engineering (CAE) and finite element analysis (FEA). Hypermesh is developed by Altair Engineering and it is a part of Altair Hyperworks suite of CAE software's

COURSE OBJECTIVES

- The basics of finite element analysis (FEA) and how to use it in structural design and analysis are covered.
- Using Hyper mesh geometric tools to create and edit nodes.
- Learn how to use 1D and 2D meshing techniques.
- There are different kinds of meshing, such as hexa, shell, and tetra.
- Techniques of morphing and macro generation.

EXPECTED OUTCOMES

- Ability to create and manage project enterprise structure within INTRODUCTION TO HYPER MESH P6 database
- Create project work breakdown structure
- Develop resource loaded or simple project schedule
- Manage the project time frame related constraints
- Estimate the required man-hours for various activities up to total project by resource assignment

Resource Person
Mr.A.Shankar
Assistant Professor
Department of MECH

Co-ordinator
Mr.M.Venkateswarlu
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:10th DEC,2022

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INSTITUTE OF ENGINEERING & TECHNOLOGY
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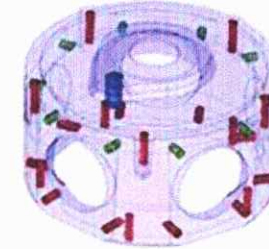
ADD-ON COURSE ON

"INTRODUCTION TO HYPER MESH"

13th FEB TO 18th FEB,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

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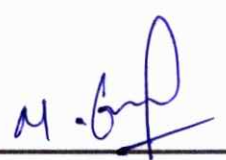Guntihapally (V), Abdullapurmet (Mdl), R.R Dist

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **B.BHANU PRASAD** BEARING ROLL NUMBER

21Q61A0301 FROM THE DEPARTMENT OF MECHANICAL ENGINEERING COMPLETED THE

VALUE ADDED COURSE ON **"INTRODUCTION TO HYPER MESH"** DURING THE YEAR **2022-23**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **MD.MEHARAJ** BEARING ROLL NUMBER

22Q65A0303 FROM THE DEPARTMENT OF **MECHANICAL ENGINEERING** COMPLETED THE

VALUE ADDED COURSE ON **"INTRODUCTION TO HYPER MESH"** DURING THE YEAR **2022-23**.

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

Co-Ordinator
CO ORDINATOR
'hl Institute of Engineering & Technol-
...nthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

ABOUT THE COURSE

Nano technology and Nano sensors are broad, interdisciplinary areas that encompass (bio) chemistry, physics, biology, materials science, electrical engineering and more. The present course will provide a survey on some of the fundamental principles behind nanotechnology and nano materials and their vital role in novel sensing properties and applications. The course will discuss interesting interdisciplinary scientific and engineering knowledge at the nano scale to understand fundamental physical differences at the nano sensors. By the end of the course, students will understand the fabrication, characterization, and manipulation of nano materials, nano sensors, and how they can be exploited for new applications.

COURSE OBJECTIVES

- Participants will learn about the growing applications of nanotechnology in many areas and the basics of nanofabrication processes.
- The present course will provide a survey on some of the fundamental principles behind nanotechnology.
- The nano materials and their vital role in novel sensing properties and applications

EXPECTED OUTCOMES

By the end of this course, students will be able to:
- Students will able to apply their knowledge of nanotechnology and nano sensors to a topic of personal interest in this course.
- Students will understand the fabrication, characterization, and manipulation of nanomaterials, and how they can be exploited for new applications.
- The importance of nanoscale materials for sensing applications.
- Approaches used for characterizing sensors-based nanomaterials.
- Approaches used for tailoring nanomaterials for a specific sensing application.
- Metallic and semiconductor nanoparticles.
- Organic and inorganic nanotubes and nanowires.
- Optical, mechanical and chemical sensors based on nanomaterials.
- Hybrid nanomaterial-based sensors.

Resource Person
Dr.G.Saikumar
Assistant Professor
Department of ECE

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

Co-ordinator
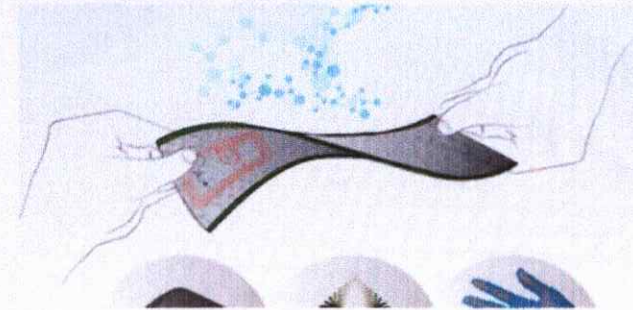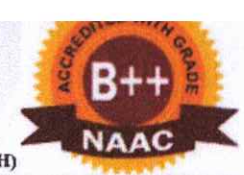Dr.P.Sundeep
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:26th NOV,2022

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B++
NAAC

ADD-ON COURSE ON
"NANO TECHNOLOGY & NANO SENSOR"

28th NOV TO 03rd DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.PRANAY** Bearing roll number **22Q61A0452** from the department of Basic Sciences and Humanities completed the value added course on **"NANO TECHNOLOGY & NANO SENSOR"** During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of ... & Technology
Gunthapally (V), ... ur Met (Mdl),
Ranga Reddy District
Head of The Department

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.RITHISH** Bearing roll number **22Q61A0402** from the department of Basic Sciences and Humanities completed the value added course on **"NANO TECHNOLOGY & NANO SENSOR"** During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering and Technology
Head of The Department
Gunthapally (V(I), Abdullapur Met (Mdl),
Ranga Reddy District.

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

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

ABOUT THE COURSE

Quantum mechanics is a fundamental theory in physics that describes the behavior of nature at the scale of atoms and subatomic particles. It is the foundation of all quantum physics including quantum chemistry, quantum field theory, quantum technology, and science. Classical, the collection of theories that existed before the advent of quantum mechanics, describes many aspects of nature at an ordinary (macroscopic) scale, but is not sufficient for describing them at small (atomic and subatomic) scales.

COURSE OBJECTIVES

- Utilize the postulates of quantum mechanics to describe quantum systems
- Use operator techniques to solve relevant problems.
- Analyze the time dependence of quantum systems using the Heisenberg picture.
- Use the properties of angular momentum and spin to describe quantum systems
- Understand the interaction of the electromagnetic field with charged quantum mechanical.

EXPECTED OUTCOMES

- Describe the main features of the historical development of quantum physics.
- discuss and explain the key concepts and principles of quantum physics
- Solve the Schrödinger equation for standard systems with both analytical and numerical methods, and then interpret the results.
- Explain the physical states of elementary particles and atoms in different systems based on quantum mechanics.
- Use commutation relations to explain the outcome of measurements.
- work independently with key questions and problems in quantum physics

Resource Person
Dr.Y.Ramesh Babu
Assistant Professor
Department of MECH

Co-ordinator
Mr.K.Nagaraju
Assistant Professor
Department of H&S

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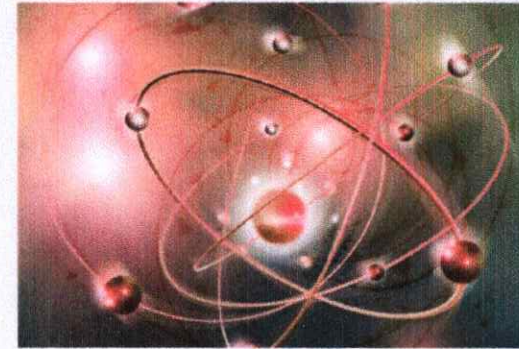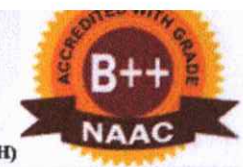
ADD-ON COURSE ON

"QUANTUM MECHANICS"

12th DEC TO 17th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **O.SANTHOSH** Bearing roll number **22Q61A0486** from the

department of Basic Sciences and Humanities completed the value added course on

"QUANTUM MECHANICS" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi **Head of The Department**
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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

Principal
PRINCIPAL
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 **M.YASHWANTH** Bearing roll number **22Q61A0318** from

the department of Basic Sciences and Humanities completed the value added course on

"**QUANTUM MECHANICS**" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of
Gunthapally ...
Ranga Reddy District, ... Met (Mdl),

Head of The Department

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.

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

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.GIRISH** Bearing roll number **22Q61A0235** from the

department of Basic Sciences and Humanities completed the value added course on

"QUANTUM MECHANICS" During the year **2022-2023**.

Head of The Department

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

Co-Ordinator

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

Principal

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

ABOUT THE COURSE

Mobile application development is the process of making software for smart phones, tablets and digital assistants, most commonly for the Android and iOS operating systems. The software can be preinstalled on the device, downloaded from a mobile app store or accessed through a mobile web browser. The programming and markup languages used for this kind of software development include Java, Swift, C# and HTML5.

COURSE OBJECTIVES

- To facilitate students to understand android SDK
- To help students to gain a basic understanding of Android application development
- To inculcate working knowledge of Android Studio development tool.

EXPECTED OUTCOMES

By the end of this course, students will be able to:

- Student able to identify various concepts of mobile programming that make it unique from programming for other platforms.
- Student able to critique mobile applications on their design pros and cons.
- Student able to utilize rapid prototyping techniques to design and develop sophisticated mobile interfaces, Type here to search.
- Student able to develop program mobile applications for the Android operating system that use basic and advanced phone features.
- Student able to deploy applications to the Android marketplace for distribution

Resource Person
Mr.G.Rajesh Guptha
Subject Expert
Innovative Systems

Co-ordinator
Mr.K.Raja Manohar
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:14th JAN,2023

AVANTHI

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MOBILE APP DEVELOPMENT

ADD-ON COURSE ON

"MOBILE APPLICATION DEVELOPMENT"

16th JAN TO 21st JAN,2023

DURATION OF THE COURSE 30 HRS

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

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**A.VIVEK** Bearing Reg.No **22Q61A0503** is participated in

"MOBILE APPLICATION DEVELOPMENT" course conducted at the **Avanthi Institute of**

Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with

'INNOVATIVE SYSTEMS'. from **16/01/2023** to **21/01/2023**.

Sd/-
Authorised Signatory
M/s Innovative Systems

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

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**G.AKHILA** Bearing Reg.No **22Q61A0563** is participated

in **"MOBILE APPLICATION DEVELOPMENT"** course conducted at the **Avanthi Institute**

of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with

'INNOVATIVE SYSTEMS'. from **16/01/2023** to **21/01/2023**.

Sd/-

Authorised Signatory

M/s Innovative Systems

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

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

ABOUT THE COURSE

The **Aerial Robotics** will provide you with the knowledge required to become an innovator in aerial robotic systems and tackle the latest challenges for Uncrewed Air Vehicles (UAVs) or drones, from urban utility operations through to remote scientific investigation. Foundational skills such as flight dynamics, control and avionics will be complemented with disruptive technologies such as autonomous navigation and bio-inspiration.

COURSE OBJECTIVES

To provide an introduction to Robotics and Automation including robot classification, design and selection, analysis and applications in industry..

EXPECTED OUTCOMES

- Synthesize autopilot for the control of unmanned aerial vehicles
- Derive a mathematical model for aerial robot dynamics
- Design a controllable rotorcraft aerial vehicle
- Analyze the dynamics of acti
- Derive a trajectory planning a robots

Resource Person
Dr.A.Siva Kumar
Professor
Department of MECH

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

Co-ordinator
Mr.N.Ramesh
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:18th FEB,2023

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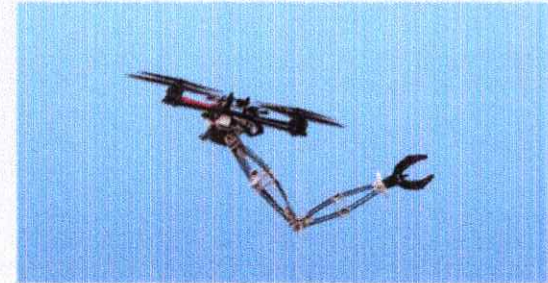
ADD-ON COURSE ON

"AERIAL ROBOTICS"

20th FEB TO 25th FEB,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF HUMANITIES AND SCIENCE

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.NANDINI** Bearing roll number **22Q61A05D1** from the

department of Basic Sciences and Humanities completed the value added course on **"AERIAL**

ROBOTICS" During the year **2022-2023**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Y.SHIVA** Bearing roll number **22Q61A05J2** from the

department of Basic Sciences and Humanities completed the value added course on **"AERIAL**

ROBOTICS" During the year **2022-2023**.

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

V. Ramesh

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.

ABOUT THE COURSE

Astrophysics is a science that employs the methods and principles of physics and chemistry in the study of astronomical objects and phenomena. As one of the founders of the discipline, James Keeler, said, Astrophysics "seeks to ascertain the nature of the heavenly bodies, rather than their positions or motions in space—what they are, rather than where they are. Among the subjects studied are the Sun (solar physics), other stars, galaxies, extrasolar planets, the interstellar medium and the cosmic microwave background.

COURSE OBJECTIVES

- This course is meant to introduce undergraduate students to the wonders of the Universe. Students will understand how astronomers over millennia have come.
- To understand mysteries of the universe using laws of geometry and physics.
- They will also be introduced to the Indian contribution to astronomy in the modern times, techniques to measure astronomical parameters.
- The different layers of the Sun and an overview of our Milky Way galaxy.

EXPECTED OUTCOMES

After completing this course, student will gain an understanding of

- Basic concepts of positional astronomy and astronomical coordinate systems
- Astronomical instruments and the modern telescopes
- Measurement of astronomical parameters such as distance, stellar brightness, stellar mass, radii, temperature and spectral.
- The different layers of solar atmosphere and basic results of solar magneto hydrodynamics.
- Basic structure of different galaxies and rotation of the Milky Way galaxy.

Resource Person
Mr.E.Rajesh
Assistant Professor
Department of H&S

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

Co-ordinator
Mr.D.Shobhan Babu
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:8th APR,2023

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ADD-ON COURSE ON

"ASTRO PHYSICS"

10th APR TO 15th APR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF HUMANITIES AND SCIENCE

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.HARSHITHA** Bearing roll number **22Q61A05C9** from

the department of **Basic Sciences and Humanities** completed the value added course on

"ASTRO PHYSICS" During the year **2022-2023**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.USHASRI** Bearing roll number **22Q61A0566** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ASTRO PHYSICS" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy
Head of The Department

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

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

ABOUT THE COURSE

India's culture refers to a group of small distinct civilizations. Clothing, festivals, languages, religions, music, dance, architecture, food, and art are all part of Indian culture. Most notably, various foreign civilizations have affected Indian culture throughout its history

COURSE OBJECTIVES

- To familiarize learners with various aspects of the culture and heritage of India.
- To enable learners to appreciate the underlying unity amidst diversity in all aspects of India's culture.
- To enable learners to appreciate the composite nature of Indian culture.
- To develop among learners a feeling of love and a sense of belonging towards the nation

EXPECTED OUTCOMES

- Identify Approaches towards the sources and the study of ancient Indian history.
- Identify Approaches towards the sources and the study of Medieval Indian history.
- To Know Art and Culture of India.
- Evolution of Composite Culture.
- To Know Art and Culture of India.
- To acquaint the learners with the languages and literature of India.
- To trace the developments in Indian philosophical thought and examine the major religious traditions.

Resource Person		Co-ordinator
Mr.M.Prakash	PRINCIPAL	Miss.Swarupa Kumari
Trainer	Avanthi Institute of Engg. &	Assistant Professor
Edunet Foundation	Guntlhapally (V). Abdullapurmet (Mdl) R.R.Dist	Department of H&S

LAST DATE FOR REGISTRATION:- 29th APR,2023.

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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B++ NAAC

Indian Spiritual & Cultural Heritage

ADD-ON COURSE ON

"INDIAN SPIRITUAL & CULTURAL HERITAGE"

01st MAY TO 06th MAY,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.VENKATESH** Bearing roll number **22Q61A6701** from

the department of **Basic Sciences and Humanities** completed the value added course on

"INDIAN SPIRTUAL AND CULTURAL HERITAGE" During the year **2022-2023**.

Head of The Department

Co-Ordinator

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

Principal

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.VINAY** Bearing roll number **22Q61A6736** from the

department of **Basic Sciences and Humanities** completed the value added course on

"INDIAN SPIRTUAL AND CULTURAL HERITAGE" During the year **2022-2023**.

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
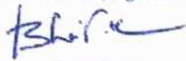Gunthapally (**Head of The Department**),
Ranga Reddy District.

Co-Ordinator

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

Principal

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

ABOUT THE COURSE

Android Developer Fundamentals is a training course created by the Google Developer Training team. You learn basic Android programming concepts and build a variety of apps, starting with Hello World and working your way up to apps that use content providers and loaders.

COURSE OBJECTIVES

- To provide the comprehensive insight into developing applications running on smart mobile devices and demonstrate programming skills for managing task on mobile.
- To provide systematic approach for studying definition, methods and its applications for Mobile-App development

EXPECTED OUTCOMES

After completing this course, student will gain an understanding of

- Understand the requirements of Mobile programming environment.
- Learn about basic methods, tools and techniques for developing Apps
- Explore and practice App development on Android Platform

Resource Person
Mr.P.Suresh
Technical Trainer
ASK Training Service

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

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NAAC

ANDROID ★ DEVELOPER ★ FUNDAMENTALS
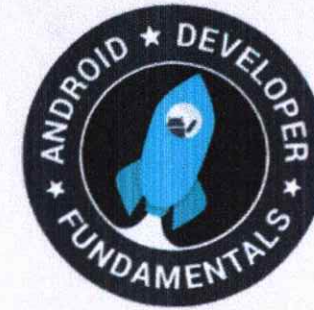
VALUE ADDED COURSE ON

"ANDROID DEVELOPER FUNDAMENTALS"

26th JUN to 01st JULY 2023

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

ASK Training Services

This is to certify that Mr./Ms **B.KARTHIK** bearing Reg.no **22Q61A6604** Has completed **"ANDROID DEVELOPER FUNDAMENTALS"** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **22/06/2023** to **01/07/2023**.

CO ORDINATOR
anthi Institute of Engineering & Technology,
unthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana,

For ASK Training Services

Proprietor

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

ASK Training Services

This is to certify that Mr./Ms **P.SHIRISHA** bearing Reg.no **22Q61A6655** Has completed **"ANDROID DEVELOPER FUNDAMENTALS"** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy. In association with '**ASK Training Services**' from **22/06/2023** to **01/07/2023**.

For ASK Training Services

Proprietor

COORDINATOR
anthi Institute of Engineering & Technol
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

ABOUT THE COURSE

Emotional intelligence is the way that you combine your thinking with your feelings to make good, authentic decisions and build quality relationshipsPopularized by psychologist Daniel Goleman, emotional intelligence is defined as our capacity to be aware of, to control, and to express emotions. Emotional intelligence enables us as leaders to handle interpersonal relationships judiciously and empathetically..

COURSE OBJECTIVES

- Recognize and Consciously Use Emotional Data to Create and Maintain Productive Workplace Relationships and Team Environments
- Manage and Adapt Emotional Behaviors That Impact Leadership in a Variety of Workplace Situations
- Integrate Empathy to Promote Strong Relationships
- Apply Collaborative, Inclusive, and Creative Communication Practice
- Gain Emotional Insights to Understand and Implement Change.

EXPECTED OUTCOMES

After completion of the course, learners would be able to

- Identify the impact you want to make as a leader.
- Explore tools and strategies to understand yourself and others.
- Describe the importance of aligning values in making a personal impact.
- Understand how to communicate with impact.

Resource Person	Co-ordinator
Dr.B.Nayeema	Mr.M.Naresh
Assistant Professor	Assistant Professor
Department of MBA	Department of MBA

AVANTHI

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EMOTIONAL INTELLIGENCE IN LEADERSHIP:
— THE KEY TO SUCCESS —

ADD-ON COURSE ON

"EMOTIONAL INTELLIGENCE AND LEADERSHIP"

14th NOV TO 19th NOV,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

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

LAST DATE FOR REGISTRATION:12th NOV,2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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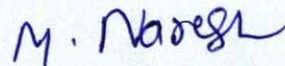
Department of Master of Business Administration
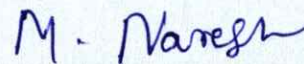
CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Anchanala Ramya** Bearing roll number **21Q61E0002** from the

department of **Master of Business and Administration** completed the value added course on

"EMOTIONAL INTELLIGENCE & LEADERSHIP" During the year **2022-23**.

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator

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

Principal

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

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Gujjeti Shashidhar** Bearing roll number **21Q61E0036** from the

department of **Master of Business and Administration** completed the value added course on

"EMOTIONAL INTELLIGENCE & LEADERSHIP" During the year **2022-23**.

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

M. Naresh

Co-Ordinator

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

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

ABOUT THE COURSE

The Certified in Production and Inventory Management [CPIM] is a professional certification, provided by APICS since 1973, recognized globally as a standard in production and inventory management. This certification enhances the professional value of the individual, increases the earning potential and provides a career advantage over peers. One can learn necessary terminologies, concepts and strategies related to various knowledge areas like procurement and supplier planning, demand management, MRP, capacity requirements planning, sales and operations planning, master scheduling, performance measurements, supplier relationships.

COURSE OBJECTIVES

- Understand Manufacturing 4.0 and appreciate technology integration in smart production
- Understand the various production and operations design decisions and how they relate to the overall strategies of organizations.
- Understand the importance of product and service design decisions and its impact other design decisions and operations.
- Obtain an understanding of quality management practice in organizations and how total quality management and six-sigma facilitate organizational effectiveness.
- Understand the roles of inventories and basics of managing inventories in various demand settings.

EXPECTED OUTCOMES

After completion of the course, learners would be able to

- Students will develop an integrated framework for strategic thinking and decision making to analyse the enterprise as a whole with a specific focus on production delivery processes
- Understand the knowledge on core features of the operations and production management function
- Sensitive to the impact on environments while dealing with production, use of technology and waste management

Resource Person
Dr.N.Ramana Reddy
Assistant Professor
Department of MBA

PRINCIPAL
Anthi Institute of Engg. & Tech
untihapally (V), Abdullapurmet (Mdl) R.R.Dist

Co-ordinator
Mr.D.Manikanta
Assistant Professor
Department of MBA

AVANTHI

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B++
NAAC

Production and Inventory Management

ADD-ON COURSE ON

"PRODUCTION AND INVENTORY MANAGEMENT"

05th DEC TO 10th DEC,2022

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

LAST DATE FOR REGISTRATION:03rd DEC,2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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 **A.Lavanya** Bearing roll number **22Q61E0001** from the department

of **Master of Business and Administration** completed the value added course on **"PRODUCTION**

AND INVENTORY MANAGEMENT" During the year **2022-23.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Mididoddi Sairam** Bearing roll number **22Q61E0082** from the

department of **Master of Business and Administration** completed the value added course on

"PRODUCTION AND INVENTORY MANAGEMENT" During the year **2022-23.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

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NAAC

ABOUT THE COURSE

This course covers the topics on concept, tools and techniques of accounting using Tally. The main contents of the course are accounting process, recording transactions, generating and printing of reports & invoices

COURSE OBJECTIVES

- To impart knowledge regarding concepts of Financial Accounting. Tally is an accounting package which is used for learning to maintain accounts.
- This course helps students to work with well-known accounting software i.e., Tally ERP.9.
- To make students capable to create company, enter accounting voucher entries including advance voucher entries, reconcile bank statement, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- Accounting with Tally certificate course is not just theoretical program, but it also includes continuous practice, to make students ready with required skill for employability in the job market.

EXPECTED OUTCOMES

- After completion of the course, learners would be able to
- After successfully qualifying practical examination, students will be awarded certificate to work with well-known accounting software i.e., Tally ERP.9
- Student by their own will create company, enter accounting voucher entries including advance voucher entries, reconcile bank statements, do accrual adjustments, and also print financial statements, etc. in Tally ERP.9 software.
- Students will possess required skill and can also be employed as Tally data entry operator

Resource Person
Mr.S.Rambabu
Assistant Professor
Department of MBA

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

Co-ordinator
Mrs.R.Srilatha
Assistant Professor
Department of MBA

Tally ERP *Tally* ERP.9

ADD-ON COURSE ON

"TALLY ERP 9.0"

06th FEB TO 11th FEB,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

LAST DATE FOR REGISTRATION: 04th FEB,2023

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **Nellutla Vindhya** Bearing roll number **21Q61E00H5** from the

department of **Master of Business and Administration** completed the value added course on

"TALLY ERP 9.0" During the year **2022-23**.

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.Jeevan** Bearing roll number **21Q61E00A3** from the department of **Master of Business and Administration** completed the value added course on **"TALLY ERP 9.0"** During the year **2022-23**.

Head of The Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

ABOUT THE COURSE

A high drive for work ethic means that they take enough gratification in their job to complete every task, and correctly prioritize their work/life balance. People with a strong work ethic take pride in their jobs and see every task they do as important

COURSE OBJECTIVES

- Skills for recognize and promote of ethical decisions in the workplace
- Integrity, treating everyone with dignity and respect, and owning up to mistakes
- Ethical and unethical actions and behaviours

EXPECTED OUTCOMES

After successful completion of the course, the learners will be able to:

- Promote the healthy work environment.
- Show the power of integrity at workplace.
- Differentiate the ethical and unethical behavioral aspects.

Resource Person   Co-ordinator

Mr.Ashraf Hussain   PRINCIPAL   Mr.M.Sudhakar

Assistant Professor   Avanthi Institute of Engg & Tech   Assistant Professor

Department of MBA   Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist   Department of MBA

LAST DATE FOR REGISTRATION:08th APR,2023

AVANTHI

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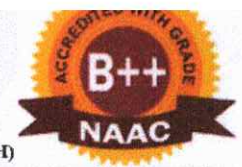
ADD-ON COURSE ON

"STRONG WORKS ETHICS"

10th APR TO 15th APR,2023

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **H.Chandana**   Bearing roll number **22Q61E00F8** from the

department of **Master of Business and Administration** completed the value added course on

"STRONG WORK ETHICS" During the year **2022-23.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 **O.Mayur** Bearing roll number **22Q61E00H7** from the department of **Master of Business and Administration** completed the value added course on "**STRONG WORK ETHICS**" During the year **2022-23**.

Head of The Department

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

Co-Ordinator

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

Principal

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

ABOUT THE COURSE

Startup India, an entrepreneurship initiative by the Indian government, aims to foster innovation and support the growth of startups in the country. It offers various benefits such as access to funding, tax exemptions, and simplified compliance procedures.

COURSE OBJECTIVES

- To develop a detail understanding about the skill set expected from an aspiring entrepreneur and key areas and elements of entrepreneurial ecosystem to be considered by her/him for setting up and running a start-up entity.
- To be equipped with knowledge to prepare operational and financial plans, convert plans into result-oriented actions, including fund raising, deployment and optimization of costs.
- To attain abilities for providing inputs to promoters and leadership team to identify and innovatively analyze opportunities for optimizing value additions to products and the entity and lead the organization following best ethical practices by creating competitive advantage.
- To gain abilities to formulate strategies for scaling up a start-up's operations, perform valuation to facilitate fund raising and devising appropriate exit strategies for early stage investors.

EXPECTED OUTCOMES

- Students will be able to guide promoters and key role holders of start-ups for setting up, stabilising and scaling up of new enterprises with due regard to the dynamics of entrepreneurial ecosystem.
- They will attain abilities to assist the management in implementing innovative ideas for adding values to the products and organisation, stabilise operations and scaleup with appropriate execution of business plans.
- Students will be equipped with skill sets to assist entrepreneurs in leading start-up entities, meeting challenges and mitigating risks by risk-enabled operating strategies, building competitive advantages and adopting measures for result-oriented performance management.

Resource Person	Co-ordinator
Mr.Rahul kamnur	Dr.G.Chandrashekar Reddy
Director	Assistant Professor
ASK Technology	Department of ECE

Class starts from 07-11-2022 to 23-11-2022,10:00 AM to 01:00 PM

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ACCREDITED WITH GRADE B++ NAAC
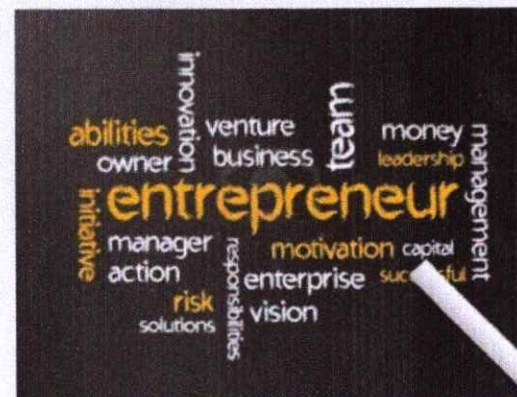
VALUE ADDED COURSE ON

"ENTREPRENEURSHIP, ABROAD EDUCATION & START UP INITIATIVES"

07th NOV to 23rd NOV 2022

DURATION OF THE COURSE 36HRS

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **ALLADI RANJITH** of CSE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

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

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **KOTHUR THARUN** of MECH 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **YADLAPALLY KARTHEEK** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **AVA ARJUN** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Yours Sincerely

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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **PARNE SAI KIRAN REDDY** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **KUSA ANIL KUMAR** of **MECH** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **LAVUDYA RAMBABU** of **MECH** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

CO ORDINATOR
vanthi Institute of Engineering & Technolog,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Thanking You

Yours Sincerely
For **SASHAKT HR SERVICES PVT LTD**

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HR Services Pvt Ltd
HR   Skilling   Consulting

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **MUNJAM SAIKIRAN** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

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

Thanking You

Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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HR Services Pvt Ltd
HR   Skilling   Consulting

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This is to Certify that Mr / Ms **PILLI VENKAT** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **JINNA SRINIVAS** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

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Avanthi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.

Thanking You

Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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HR Services Pvt Ltd
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This is to Certify that Mr / Ms **PARNE BHEEMARJUNREDDY** of   **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
...nthi Institute of Engineering & Technology,
...athapally (V), Abdullapur Met (Mdl),
... Dist. Telangana.

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **PALVATALA SAINATH REDDY** of MECH 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

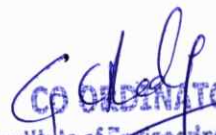We wish them good luck for their future endeavors.

Thanking You

Yours Sincerely
For **SASHAKT HR SERVICES PVT LTD**

Swamy Rao Kulkarni   **DIRECTOR**

Director — Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
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This is to Certify that Mr / Ms **ADHIKOPPULA ROHITH KUMAR** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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CO ORDINATOR
anthi Institute of Engineering & Technolo...
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **DOBBALA SANTHOSH KUMAR** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavors.

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

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **MULE KEERTHANA** of **MECH** 4th Year of Avanthi Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by Sashskt HR Services Pvt Ltd from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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

Thanking You

Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **AILAGONI MAINA** of **CSE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **AERUKALA SHIVA KUMAR** of CSE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

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HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **ALA SRI TEJA REDDY** of **ECE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **AMIT KUMAR SAMAL** of **ECE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely,
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO-ORDINATOR
...thi Institute of Engineering & Technology
...nthapally (V), Abdullapur Met (Mdl),
...nga Reddy Dist, Telangana.

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **AKKELA SWETHA** of ECE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR

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Ranga Reddy Dist, Telangana.

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **BOPPA MADHU** of ECE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on **Entrepreneurship Abroad Education & Start Up Initiatives** conducted by **Sashskt HR Services Pvt Ltd** from **07th NOV, 2022 to 23rd NOV 2022** in association with Avanthi's IQAC Cell.

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Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **AITHA SWAMYNATH** of **ECE** 4th Year

of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v),

R.R.Dist has successfully completed 36 Hrs of Value Add Course on

Entrepreneurship Abroad Education & Start Up Initiatives conducted by

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Yours Sincerely
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Swamy Rao Kulkarni   **DIRECTOR**

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CO-ORDINATOR
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Ranga Reddy Dist, Telangana.

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ABOUT THE COURSE

Pega University Program, offered by Pegasystems, in association with TalentSprint is a two-semester university-level curriculum on cutting-edge Pega software. Pega software is a low code platform for AI-powered decisioning and workflow automation.

COURSE OBJECTIVES

- BPM concepts and workflows.
- Understanding Pega 7 Concepts
- Expertise to implement Pega Concepts
- Implementing BPM Applications
- Understanding and Implemeting UI Design and Business L

EXPECTED OUTCOMES

- Customized course curriculum as per your team's specific needs
- Training delivery through self-Paced videos, live Instructor – led training through, on-premise at Mindmajix or your office facility
- Resources such as slides, demos,Exercises and answer keys included.

Resource Person
Mr.Srikanth
Technical Trainer
Talent Sprint

Co-ordinator
Dr.G.Chandrashekar Reddy
Assistant Professor
Department of ECE

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

LAST DATE FOR REGISTRATION: 15th MAR,2023

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

NSE talent sprint

PEGA University Program

ADD-ON COURSE ON

"PEGA-UAP"

29th MAR to 01st JUNE,2023

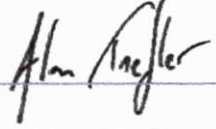### DURATION OF THE COURSE 135 HRS
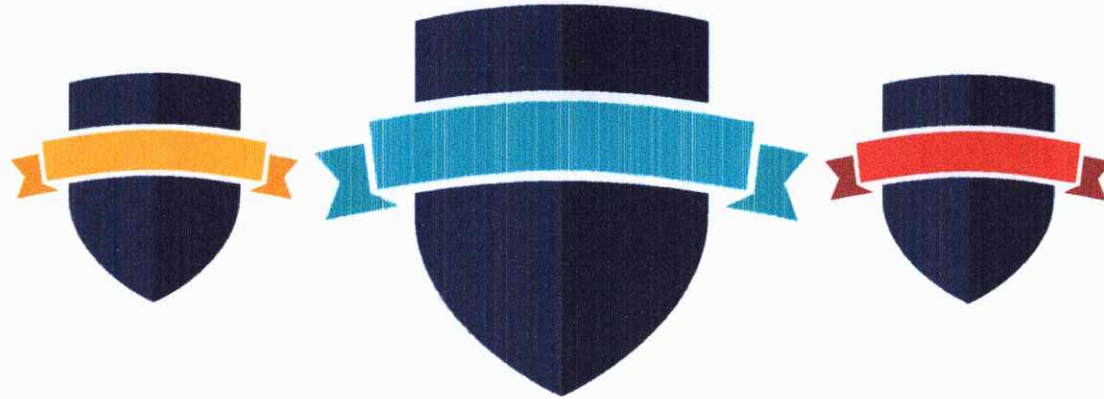
Certificate Of Achievement

Awarded to

Bharath Mula

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
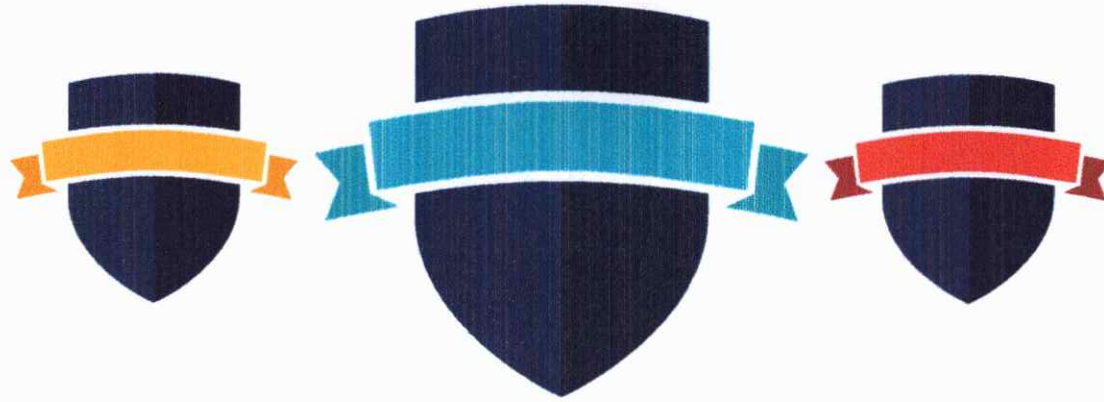
Certificate Of Achievement

Awarded to

Akhil Chinthakindi

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 22, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer

Certificate Of Achievement

Awarded to

Kavyanjali Lingala

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

PEGA
Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
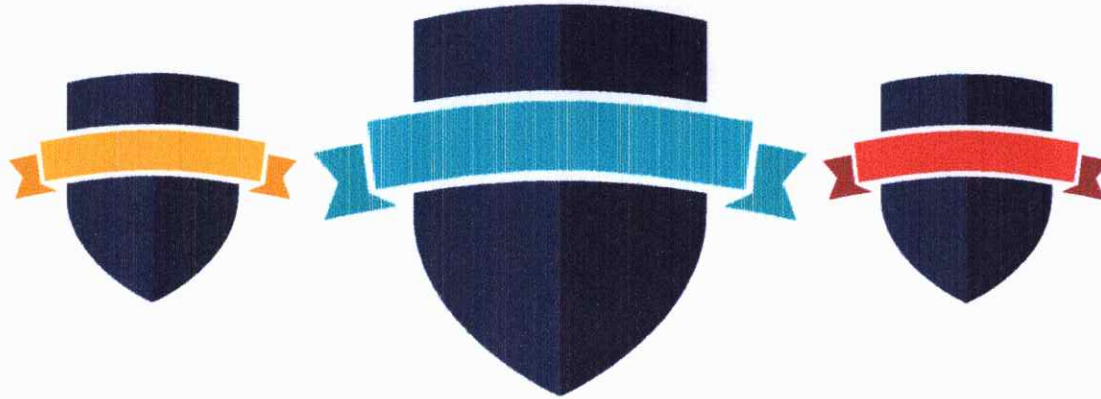
Certificate Of Achievement

Awarded to

Kiran Babu Swarna

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

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Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
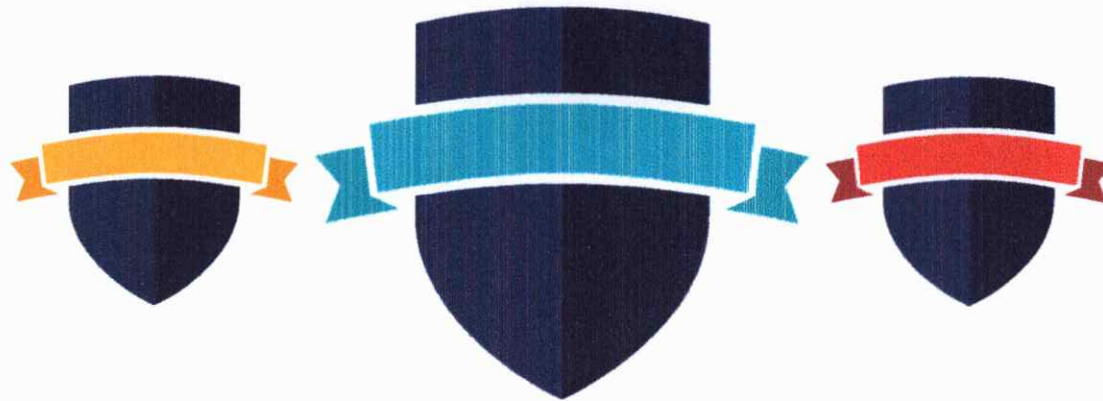
Certificate Of Achievement

Awarded to

Devika Gorla

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

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Chairman and Chief Executive Officer
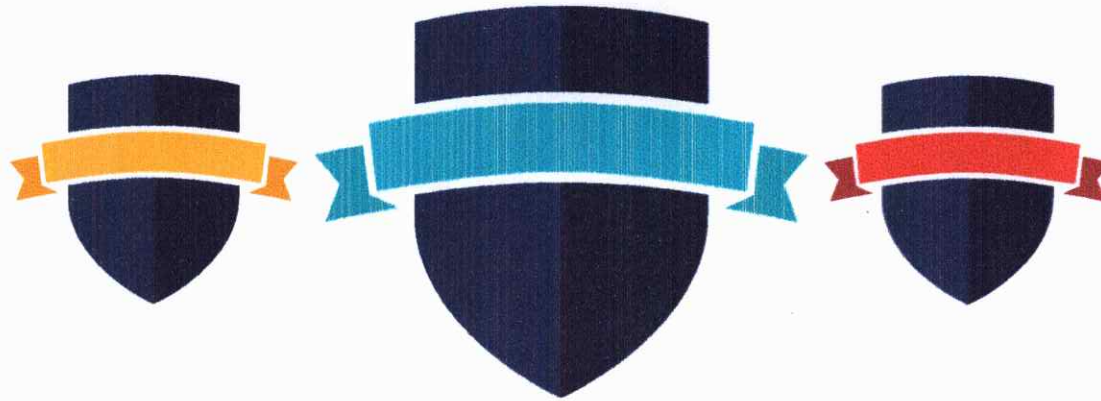
Certificate Of Achievement

Awarded to

Hafsa Nousheen

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

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Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
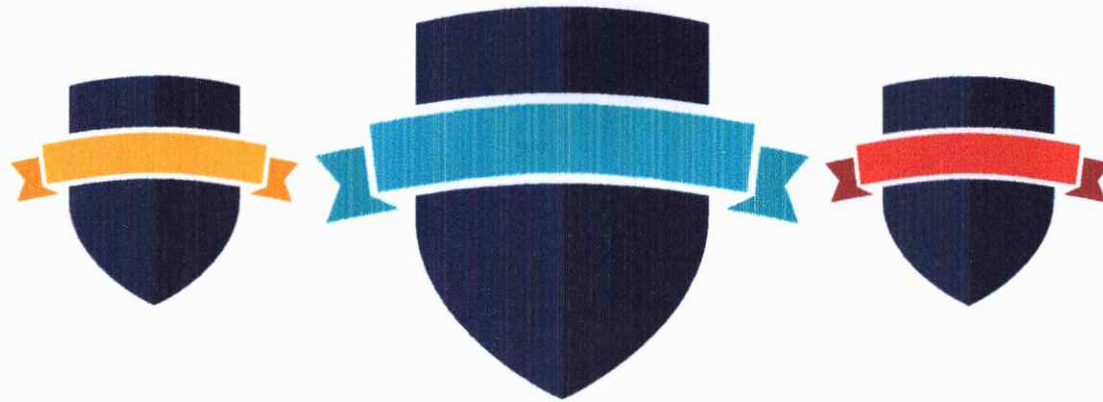
Certificate Of Achievement

Awarded to
Ganesh Nagulapally

In Recognition of Successful Completion of
Certified Pega System Architect

Awarded on
August 7, 2023

PEGA
Academy

Alan Trefler
Chairman and Chief Executive Officer
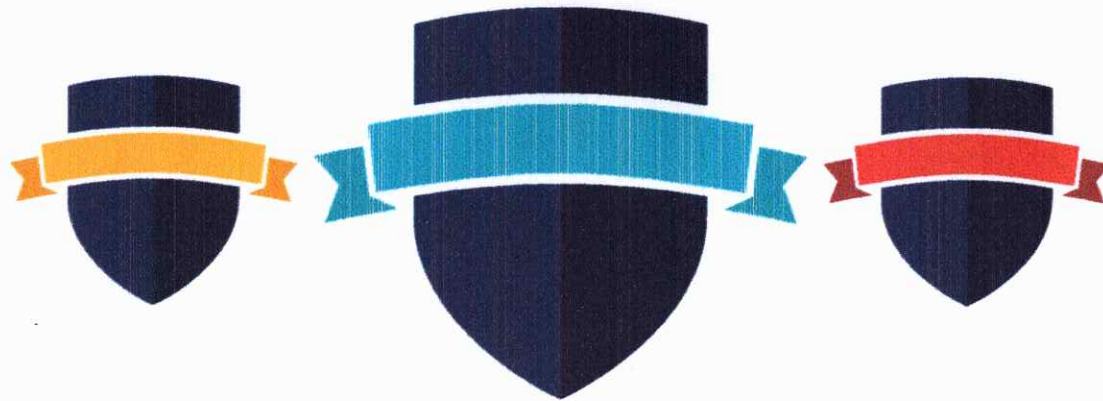
Certificate Of Achievement

Awarded to

Mahesh Gunti

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 24, 2023

PEGA
Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer

Certificate Of Achievement

Awarded to

Shiva Sai Reddy Medam

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

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Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
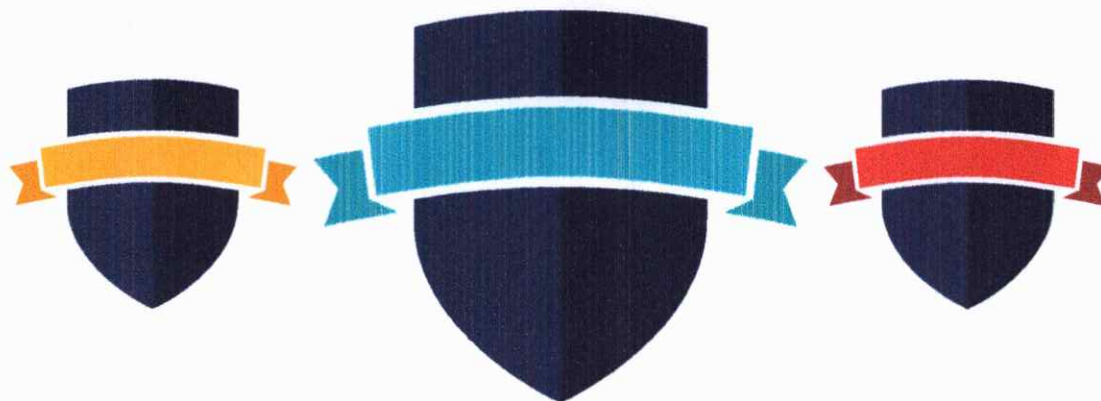
Certificate Of Achievement

Awarded to

Laxman Neela

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer
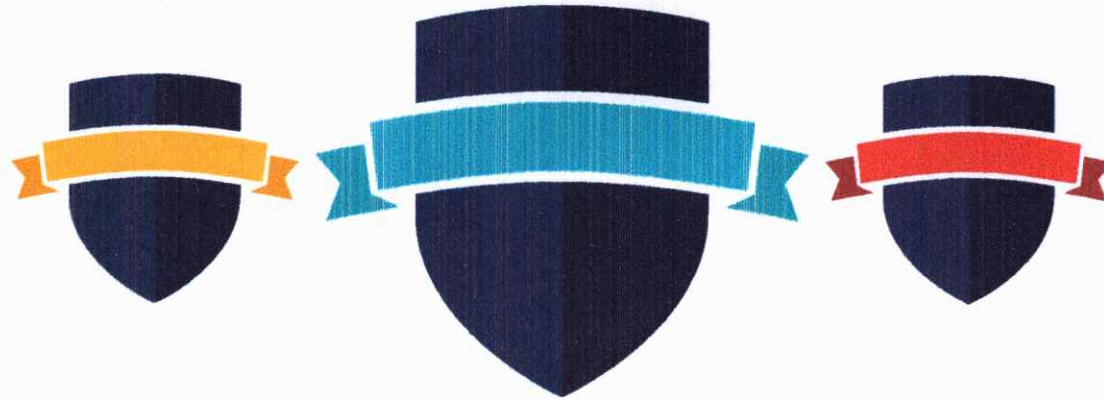
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Certificate Of Achievement

Awarded to

Harini Sunkoju

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 7, 2023

Alan Trefler

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Academy

Alan Trefler
Chairman and Chief Executive Officer

Certificate Of Achievement

Awarded to

Srija Bethapudi

In Recognition of Successful Completion of

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Awarded on

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Alan Trefler
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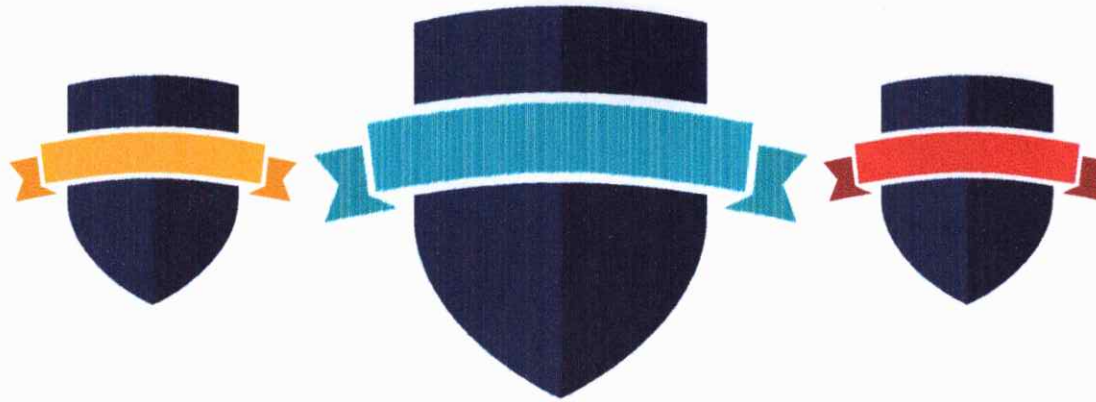
Certificate Of Achievement

Awarded to

Saikumar Goud Thirumala

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 22, 2023

Alan Trefler

PEGA Academy

Alan Trefler
Chairman and Chief Executive Officer
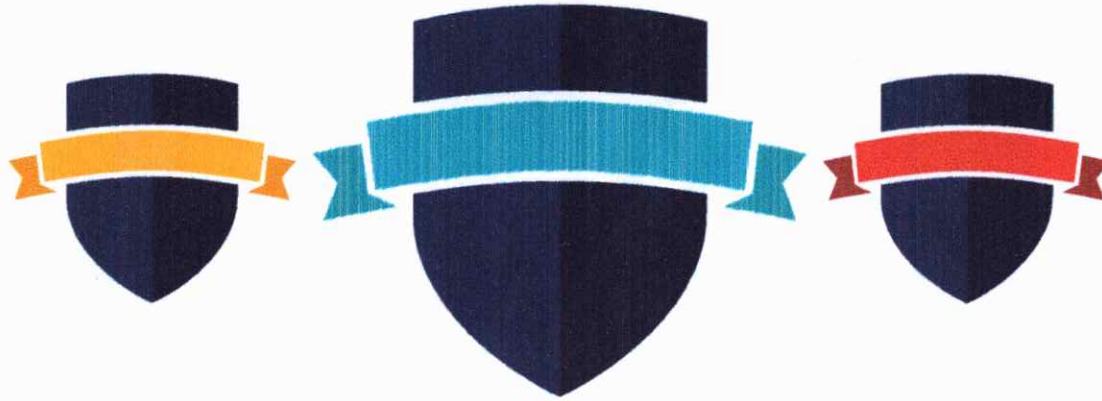
Certificate Of Achievement

Awarded to

Srichandana Mula

In Recognition of Successful Completion of

Certified Pega System Architect

Awarded on

August 23, 2023

PEGA
Academy

Alan Trefler

Alan Trefler
Chairman and Chief Executive Officer

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
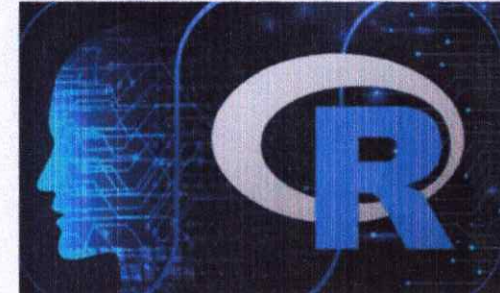**Mr.S.Rajendar,**
Assistant Professor
Department of CSE

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

LAST DATE FOR REGISTRATION:18th SEP,2021

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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ADD-ON COURSE ON

"DATA ANALYTICS WITH R PROGRAMMING"

20th TO 25th SEP,2021

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

Duration of the course:36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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**.

Head of The Department
Computer Science & 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
(V), Abdullapurmet (Mdl), R.R. Dist.

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 UND-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" "ples, and dictionaries in Python programs and hx Jo Identy 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
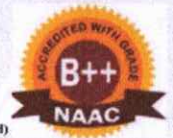**Mr.CH.Saidulu,**
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:02nd OCT,2021

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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B++
NAAC

PCAP - CERTIFIED ASSOCIATE
Python

ADD-ON COURSE ON

"PYTHON PROGRAMMING BOOT CAMP"

04th OCT TO 09th NOV,2021

Duration of the course:36 HRS

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

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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**.

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

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

Principal
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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**.

Head of The Department

Co-Ordinator

Principal

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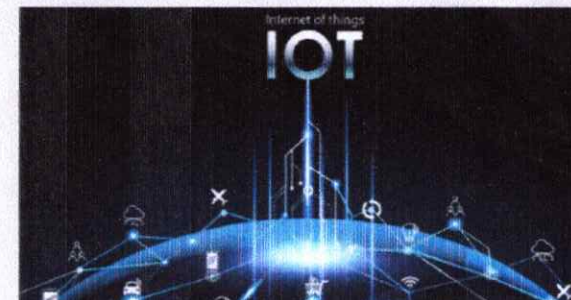
Resource Person
Mr.S.Pramod,
Subject Expert
CONSCIENCE Tech

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

LAST DATE FOR REGISTRATION:22nd OCT,2021

AVANTHI
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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

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

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

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.**

Academic Director

CONSCIENCE TECHNOLOGIES

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

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

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

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.**

Academic Director
CONSCIENCE TECHNOLOGIES

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

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

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 cashboards 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 Iot 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 Iot 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
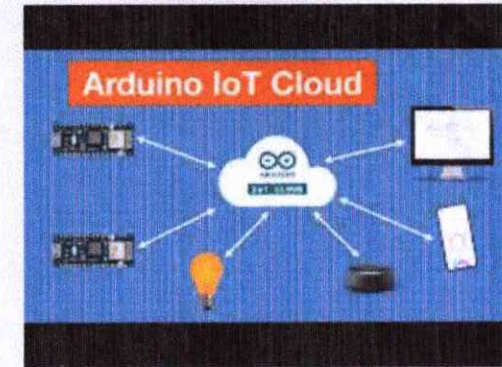**ST Marys Eng college**

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

LAST DATE FOR REGISTRATION:12th NOV,2021

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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NAAC

Arduino IoT Cloud

ADD-ON COURSE ON

"BUILDING INTERNET OF THINGS APPLICATIONS WITH AURDINO"

15th TO 20th NOV,2021

Duration of the course:36 HRS

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

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

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

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **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
Avanthi Institute of Engineering Tech.
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

S. Vasantha

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

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

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

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.
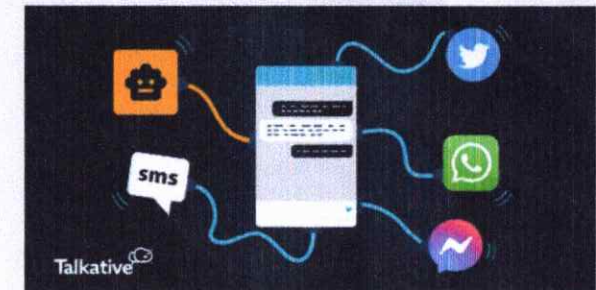
AVANTHI
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ADD-ON COURSE ON

"CHATBOT INTEGRATION WITH MESSAGING PLATFORMS"

29th NOV to 04th DEC,2021

Duration of the course:36 HRS

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

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

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

LAST DATE FOR REGISTRATION:25th NOV,2021

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
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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

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

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

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 rot 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 mode 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

Coordinator
Mr.A.Ramakanth
Assistant Professor
Department of CSE

LAST DATE FOR REGISTRATION:30th JAN,2022

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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C Programming

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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**.

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

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

Principal
PRINCIPAL
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 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**.

Head of The Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdi),
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), Abdullapur Met (M), RR Dist.

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
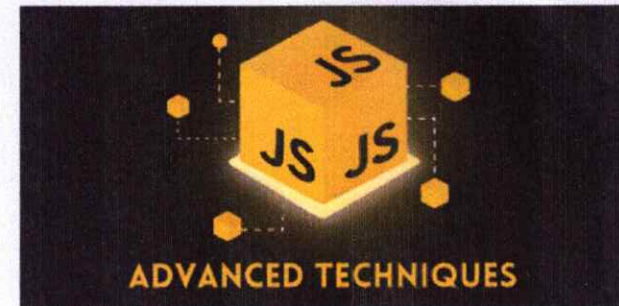**Mr.C.Mahesh**
Subject Expert
WEBTEK Labs Pvt Ltd

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

LAST DATE FOR REGISTRATION:19th MAR,2022

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ADVANCED TECHNIQUES

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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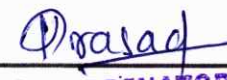
Department of Computer Science & Engineering

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.

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

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

Principal
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdulla

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**.

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

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

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

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
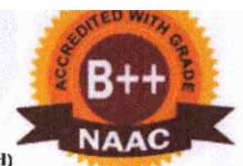**Dr.G.Ramakrishna**
Assistant Professor
Department of CSE
Brilliant College

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Head of The Department

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

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

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

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

LAST DATE FOR REGISTRATION:23rd APR,2022

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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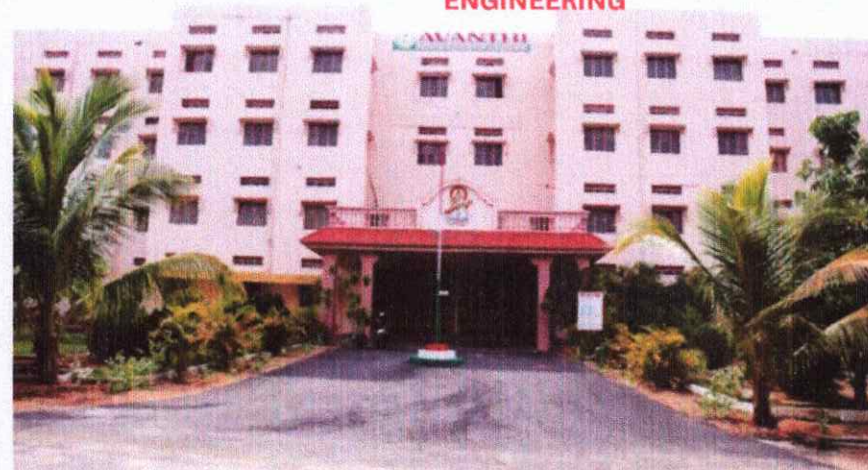Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

K.Swathi

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

PRINCIPAL
Avanthi Institute **Principal**
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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

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**.

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

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

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

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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INSTITUTE OF ENGINEERING & TECHNOLOGY
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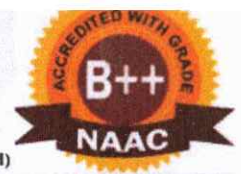
ADD-ON COURSE ON

"AWS SOLUTIONS ARCHITECT-FOUNDATIONAL LEVEL"

06th MAR TO 11th MAR,2023

DURATION OF THE COURSE 30HRS

ORGANIZED BY:
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

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

Head of The Department

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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

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	Co-ordinator
Mr.J.Baswaraju	Mr.L.Shivashankar,
Technical Trainer	Assistant Professor
ASK Training Service	Department of CSE

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

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B++
NAAC

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

PRINCIPAL
Avanthi Institute of Engg & Tech
Gantihapally (V), Abdullapurmet (Mdl) R.R.Dt

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **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
Computer Science & Engineering
Head of The Department &
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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

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

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

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

Co-ordinator
Mrs.Sravanthi
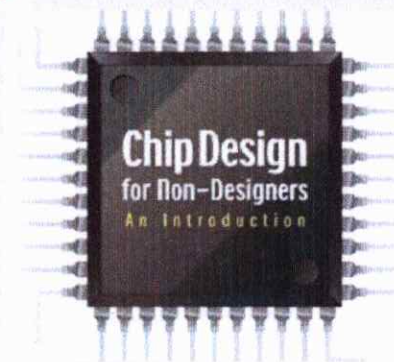**Assistant Professor**
Department of ECE

LAST DATE FOR REGISTRATION:15th SEP,2021

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

B++
NAAC

Chip Design
for Non-Designers
An Introduction

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

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

Head of the Department
HOD ECE
Electronics &
Avanthi Insti...
Gunth... ...pur Met (Mdl),
...ddy District.

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**.

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

DIRECTOR

Head of **HOD ECE**
Electronics & C...
Avanthi Institute...
Gunt... ...ring
...chnology
...pur Met (Mdl),
...eddy District.

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 sot 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 amays, 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

he 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

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

ADD-ON COURSE ON

"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

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

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**.

Head of The Department
Electronics & Communication Engineering
Avanthi Institute of Engineering Technology
Gunthapally (Vm), 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.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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
Electronics & Communication 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.

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 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 AL 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

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

B++
NAAC

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

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gustihapally (V), Abdullapurmet (M), R.R.Dist

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**.

Head of The Department

Head of the Department
Electronics and Communication Engineering
Avanthi Institute...
Gunthapally (Vill)...

Co-Ordinator

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

Principal

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

Department of 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

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

Co-Ordinator

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

Principal

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

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

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

LAST DATE FOR REGISTRATION:20th NOV,2021

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

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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

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **N.SANDHYA** Bearing Roll.No **21Q65A0410**,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,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

ASSET INTIGRATED INFO SYSTEMS

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,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

ASSET INTIGRATED INFO SYSTEMS

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 familles 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,
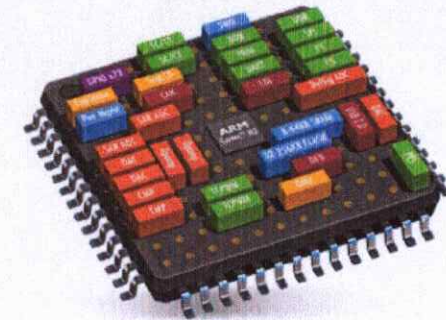**Assistant Professor**
Department of ECE

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

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

AVANTHI

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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

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
Electronics & Communication Eng
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **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
Elect... Head of The Department
Avanthi Institut...
Gunth...

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.

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

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.Venkateshwarlu
Assistant Professor
Department of ECE

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

LAST DATE FOR REGISTRATION:15th JAN,2022

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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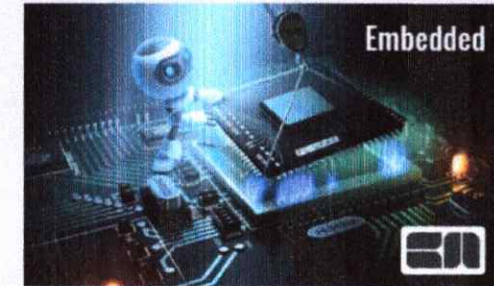
VALUE ADD-ON COURSE ON

"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

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**.

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

For ASK Training Services

Proprietor

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

ASK Training Services

This is to certify that Mr./Ms **P.ARUNA** bearing Reg.no **21Q61D5715** 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.**

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

For ASK Training Services

Proprietor

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

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

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

LAST DATE FOR REGISTRATION:05th MAR,2022

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, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

www.aietg.ac.in email: principal.avanthi@gmail.com
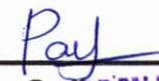
Department of Electronics and Communication Engineering

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**.

Head of The Department

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

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

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	**Co-ordinator**
Mr.G.Satyanarayana Reddy,	**Mr.G.Srinivas,**
Project Manager,	**Assistant Professor**
Conscience Tech.	**Department of ECE**

PRINCIPAL
Avanthi Institute of Engg. & Tech

LAST DATE FOR REGISTRATION:25th MAR,2022

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VLSI backend design
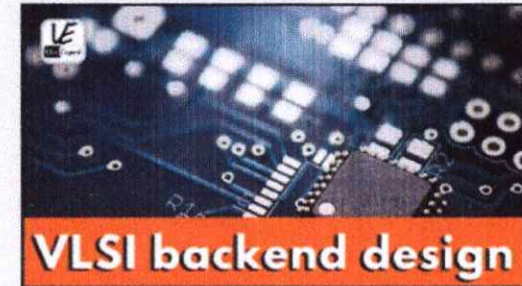
VALUE ADD-ON COURSE ON

"VLSI BACK END DESIGN"

28th MAR TO 02nd APR,2022

Duration of the course:36 HRS

ORGANIZED BY:

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **B.GOVIND** BEARING REG.NO **20Q65A0420** 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

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (M)

Academic Director
CONSCIENCE TECHNOLOGIES

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

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **J.SHREYA** 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**

CONSCIENCE TECHNOLOGIES

CO ORDINATOR
thi Institute of Engineering & Technology,
unthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

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

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.
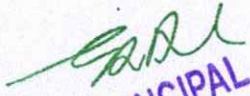
COURSE OBJECTIVES

- 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.

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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

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

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

Co-ordinator
Mr.D.Nageshwar Rao
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:10th SEP,2021

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**.

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

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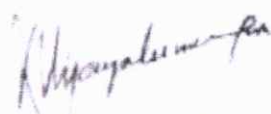Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

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**.

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
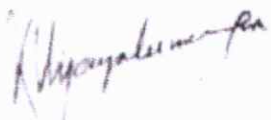unthapally (V), Abdullapur Mat (M),

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
anthapally (V/M), Abdullapur Mat (Mdl),
Ranga Reddy District.

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 unction 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

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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B++
NAAC

RENEWABLE ENERGY

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Md')
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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

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

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, earthling 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	**Co-ordinator**
MrL.Kiran Kumar,	**Mr.M.Shankar,**
Subject Expert	**Assistant Professor**
Innovative Systems	**Department of EEE**

LAST DATE FOR REGISTRATION:29th OCT,2021

VALUE ADD-ON COURSE ON

"ELECTRICAL ESTIMATION AND ENERGY AUDITING"

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

01st NOV TO 06th NOV,2021

Duration of the course:36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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
M/s Innovative Systems

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

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

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

Avanthi 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

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

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

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

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

Co-ordinator
Mr.M.Sathish,
Assistant Professor
Department of EEE

LAST DATE FOR REGISTRATION:19th MAR,2022

AVANTHI
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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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Techno...
Gunthapally (Vill), Abdullapur ...
Ranga Reddy Dist...

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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**.

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

Head of The Department
Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met
Ranga Reddy

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

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 wring and maintenance.
- Assemble inverter, LED Bulbs, Fans, TV etc.

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

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NAAC
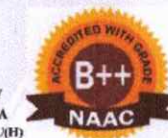
VALUE ADD-ON COURSE ON
"MAKING AND MAINTENANCE OF ELECTRICAL APPLIANCES "

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

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 Engineer...
Avanthi Institute of Engineering & Te...

Co-Ordinator

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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
Avanthi Institute of Engineering & Tech...
Gunthapally (VIH), Abdullapur Met (...
Ranga Reddy District.

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

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

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
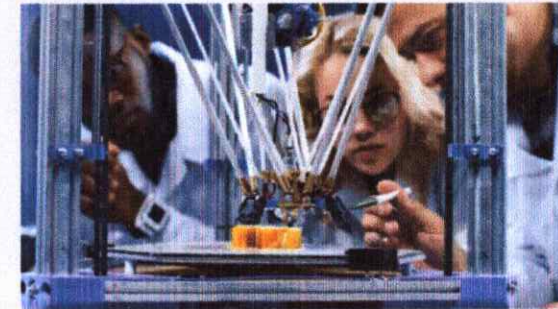Assistant Professor
Department of MECH

Co-ordinator
Mr.T.Chandra Shekar,
Assistant Professor
Department of MECH

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

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

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

LAST DATE FOR REGISTRATION:16th SEP,2021

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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

Co-Ordinator
A... ...tute of engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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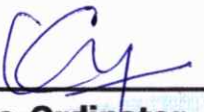
Department of Mechanical Engineering

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.**

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

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

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

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.
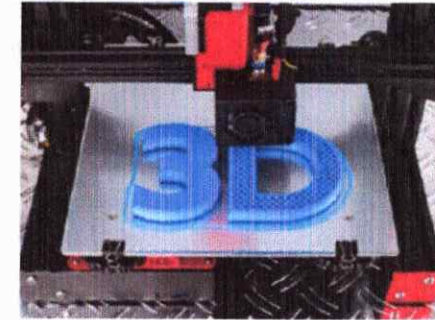
COURSE OBJECTIVES

- 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.

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

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

Co-ordinator
Mr.D.Vinay Kumar,
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:2nd OCT,2021

AVANTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

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

Innovative Systems

Towards Quality Service

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

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

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

Innovative Systems

Towards Quality Service

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

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

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

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

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

LAST DATE FOR REGISTRATION:23rd OCT,2021

AVANTHI

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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

B++
NAAC

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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.

HOD
Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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.

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 inter-disciplinary groups in professional, industry and research organizations.

Resource Person
Dr.G.Rama Krishna,
Subject Expert
Department of MECH
KNR College

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

Co-ordinator
Mr.M.Venkateswarlu,
Assistant Professor
Department of MECH

LAST DATE FOR REGISTRATION:13th NOV 2021

A
CAD

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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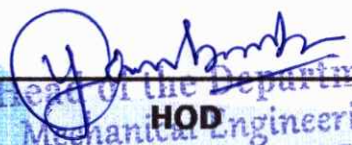Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

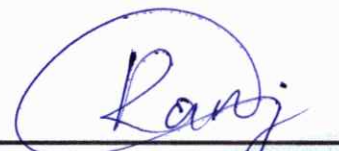www.aietg.ac.in email: principal.avanthi@gmail.com
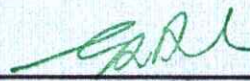
Department of Mechanical Engineering

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
Mechanical Engineering
Avanthi Institute **HOD** ineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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**.

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

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

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

ABOUT THE COURSE

Introduction to Smart Materials, Principles of Piezoelectricity, Perovskyte Piezoceramic Materials, Single Crystals vs Polycrystalline Systems, Piezoelectric Polymers, Principles of Magnetostriction, Rare earth Magneto astrictive 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, theirmanufacturing, 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

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

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B++
NAAC
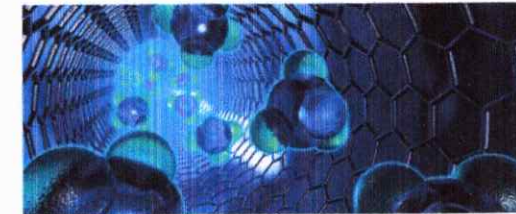
VALUE ADD-ON COURSE ON
"SMART MATERIALS AND STRUCTURES"

14th MAR TO 19th MAR,2022

Duration of the course:36 HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

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.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

THIS IS TO CERTIFY THAT MS./MR **V.KIRAN KUMAR** BEARING ROLL NUMBER

20Q65A0324 FROM **THE DEPARTMENT OF MECHANICAL ENGINEERING** COMPLETED THE

VALUE ADDED COURSE ON "**SMART MATERIALS AND STRUCTURES**" DURING THE YEAR

2021-22.

HOD
Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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.

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

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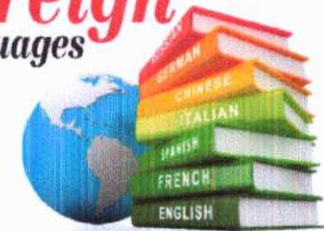Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

AVANTHI

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B++
NAAC

Foreign Languages

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
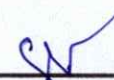
Department of Basic Sciences and Humanities

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

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

Co-Ordinator

CO ORDINATOR

Principal

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

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

Co-Ordinator

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (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.

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NAAC

VALUE ADD-ON COURSE ON

"ENHANCEMENT OF COMMUNICATION SKILLS"

31stJAN TO 05th FEB 2022

Duration of the course:30 HRS

VENUE:
SEMINAR HALL

ORGANIZED BY :
DEPARTMENT OF HUMANITIES AND SCIENCE

Resource Person
Dr.Sundeep
Assistant Professor
Department of H&S

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

Co-ordinator
Mr.N.Ramesh
Assistant Professor
Department of H&S

LAST DATE FOR REGISTRATION:29th JAN,2022

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

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
Humanities   ...ices
Avanthi Institute of Eng   Technology
Gunthapaliy (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

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

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

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

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B++
NAAC

GEOPHYSICS

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

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

ORGANIZED BY :
DEPARTMENT OF HUMANITIES AND SCIENCE

LAST DATE FOR REGISTRATION:19th FEB,2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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

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

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

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

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

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

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

LAST DATE FOR REGISTRATION:26th MAR,2022

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**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Range Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),

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

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: Studen 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

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

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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

GetupLearn.com

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

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**.

DIRECTOR

HOD BSH

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**.

DIRECTOR

HOD BSH

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

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ACCREDITED WITH GRADE

DATA STRUCTURES & ALGORITHMS
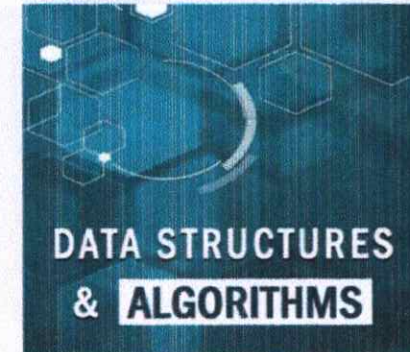
ADD-ON COURSE ON

"ALGORITHMS AND DATA STRUCTURES"

04th TO 09th JULY,2022

Duration of the course:36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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**.
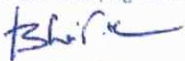
For ASK Training Services

Proprietor

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 gai insights and identify patterns.

- Apply data transformation techniques to prepare data for analysis.

- Utilize Python libraries for statistical analysis and data visualization

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

LAST DATE FOR REGISTRATION:23rd JULY,2022

EXPECTED OUTCOMES

- Demonstrate a solid understanding of data manipulation concepts and techniques.

- Acquire, cleen, 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**

Data Manipulation with Python

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**

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

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
Humanities & Sciences
Avanthi Institute of Engi
...unthapally (Vill), Abd... ...r Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO-ORDINATOR
...nthi Institute of Engineering & Techno'
Gunthapally (V), Abdullapur Met (Mdl,
Ranga Reddy Dist...

Principal

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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**.

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

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

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

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

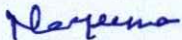Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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 **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 (Vill), Abdullapurmiet (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.

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

CO ORDINATOR
Co-Ordinator
Avanthi Institute of Engineering & Techn
Gunthapaily (V), Abdullapur Met (M),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (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

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

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
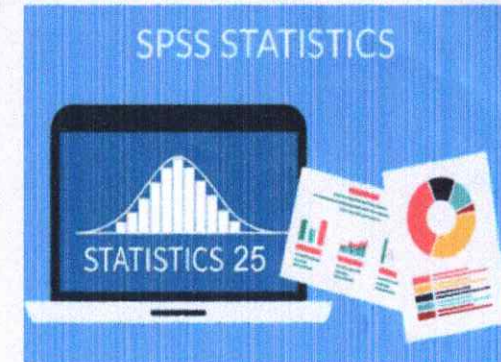Subject Expert
Brilliant College**

**Co-ordinator
Mr.A.Naresh
Assistant Professor
Department of MBA**

LAST DATE FOR REGISTRATION:01st JAN,2022

AVANTHI

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SPSS STATISTICS

STATISTICS 25

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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 **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**.

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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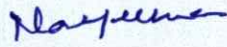Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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

Department of 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 (Vill), Abdullapurmiet (Mdl),
Ranga Reddy District.

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

Principal

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

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,pricingandvaluation.
- 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 became 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 OptionStrategy Certification
- UDTS model

Resource Person
Mr.M.Hemanath Babu
Subject Expert
FTAPCCI

Co-ordinator
Mr.A.Venkata Balakrishna
Assistant Professor
Department of MBA

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

LAST DATE FOR REGISTRATION:04th FEB,2022

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NAAC
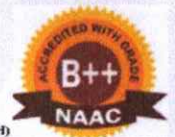
VALUE ADD-ON COURSE ON
"STOCK TRADING"

07th FEB TO 12th FEB,2022

Duration of the course:30 HRS

VENUE:
SEMINAR HALL
ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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.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
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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 **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
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (VIll), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator

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

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
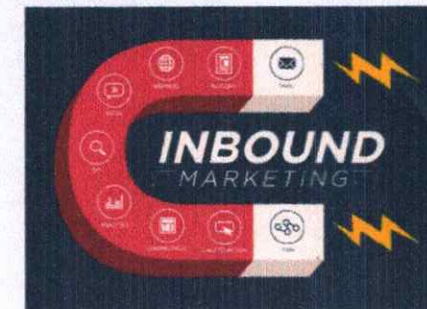**Assistant Professor**
Department of MBA

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

Co-ordinator
Mr.M.Naresh,
Assistant Professor
Department of MBA

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INSTITUTE OF ENGINEERING & TECHNOLOGY
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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

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

LAST DATE FOR REGISTRATION:25th JUNE,2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of 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.**

Head of The Department

Head of the Department

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

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.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Master of Business Administration
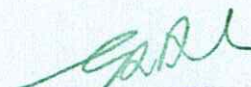
CERTIFICATE

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.**

Head of The Department

Head of the Department

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

CO ORDINATOR

Co-Ordinator

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

Principal

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

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
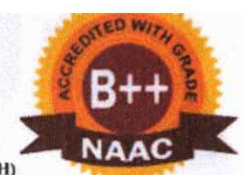Design Engineer
CISCO Systems

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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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

NAAC
ACCREDITED WITH GRADE
B++

VALUE ADDED COURSE ON

"ENTREPRENEURSHIP AND START UP INITIATIVES"

14th FEB to 04th MAR 2022

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

DURATION OF THE COURSE 36HRS

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **M.VAMSHI KRISHNA** of CSE 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on "**Entrepreneurship & Start Up Initiatives**" conducted by **SashskT HR Services Pvt Ltd** from **14ᵗʰ FEB 2022 to 04ᵗʰ MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

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

Regd Office : Vanastalipuram, Hyderabad, Telangana State - 500070.
Website : www.sashaktservices.com   E-mail : info@sashaktservices.com
Cell : 9885197888, 9849714307

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **G.VINAY** of **CSE** 4th Year of **Avanthi**

Institute of Engineering and Technology located at Gunthapally (v), R.R.Dist

has successfully completed 36 Hrs of Value Add Course on "**Entrepreneurship**

& Start Up Initiatives" conducted by **SashskT HR Services Pvt Ltd** from **14**th

FEB 2022 to 04th **MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
anthi Institute of Engineering & Technology
Inthanally (V), Abdullapur Met (Mdl),

Head of the Department
Electronics & Communication Engineering

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **V.SHIVANI** of **EEE** 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 **SashskT HR Services Pvt Ltd** from 14th FEB 2022 to 04th MAR 2022 in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR

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

SashakT

HR Services Pvt Ltd

HR   Skilling   Consulting

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

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **V.VINAY** of **EEE** 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 **SashskT HR Services Pvt Ltd** from **14th FEB 2022 to 04th MAR 2022** in association with Avanthi's IQAC Cell.

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Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
vanthi Institute of Engineering & Technol
Gunthapally (V), Abdullapur Met (Mdl)
Ranga Reddy Dist, Telangana

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

VALUE ADDED COURSE COMPLETION
CERTIFICATE

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 **SashskT HR Services Pvt Ltd** from **14th FEB 2022 to 04th MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl)

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

VALUE ADDED COURSE COMPLETION CERTIFICATE

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 **SashskT HR Services Pvt Ltd** from 14th FEB 2022 to 04th MAR 2022 in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
nthi Institute of Engineering & Technology,
athanally (V), Abdullapur Met (Mdl),

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting
Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **M.RAKESH** 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 **SashskT HR Services Pvt Ltd** from **14**[th] **FEB 2022 to 04**[th] **MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
nthl Institute of Engineering & Technology,
nthanally (V), Abdullapur Met (Mdl),

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

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

VALUE ADDED COURSE COMPLETION
CERTIFICATE

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 **SashskT HR Services Pvt Ltd** from **14**th **FEB 2022** to **04**th **MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

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

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **B.AJITH KUMAR** of **EEE** 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 **SashskT HR Services Pvt Ltd** from **14ᵗʰ FEB 2022 to 04ᵗʰ MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
'hl Institute
nthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana (Mdl),

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting
Head of Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **A.PAVAN KALYAN** of **CSE** 4th Year of **Avanthi Institute of Engineering and Technology** located at Gunthapally (v), R.R.Dist has successfully completed 36 Hrs of Value Add Course on "**Entrepreneurship & Start Up Initiatives**" conducted by **SashskT HR Services Pvt Ltd** from **14th FEB 2022 to 04th MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

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

VALUE ADDED COURSE COMPLETION CERTIFICATE

This is to Certify that Mr / Ms **D.SAI KIRAN** 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 **SashskT HR Services Pvt Ltd** from **14th FEB 2022 to 04th MAR 2022** in association with Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely

For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

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

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

VALUE ADDED COURSE COMPLETION
CERTIFICATE

This is to Certify that Mr / Ms **K.PRANAY** 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 **SashskT HR**

Services Pvt Ltd from **14ᵗʰ FEB 2022 to 04ᵗʰ MAR 2022** in association with

Avanthi's IQAC Cell.

We wish them good luck for their future endeavor

Thanking You

Yours Sincerely
For SASHAKT HR SERVICES PVT LTD

Swamy Rao Kulkarni   **DIRECTOR**

Director – Sashakt HR Services Pvt Ltd

CO ORDINATOR
nthi Institute of Engineering & Techn...,
...nthapally (V), Abdullapur Met (Mdl),
Range Redc, Dist. Telangana.

SashakT
HR Services Pvt Ltd
HR   Skilling   Consulting

Head of the Department
...ctronics & Communication Engineering
Avanthi Institute of Engineering & Technology
... ...pally (Vill), Abdullapur Met (Mdl),
... ... District.

ABOUT THE COURSE

Computational Geometry is a course that considers data structures and algorithms for spatial data sets, collections of points, lines, planes, polygons and polyhedra that live in 2 or 3 dimensional space. These data structures form the basis for modern work in Computer Graphics, Geographic Information Systems, and, to a lesser extent, Computer Vision and Machine Learning
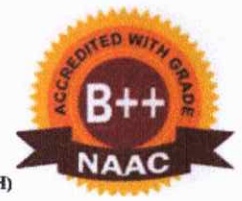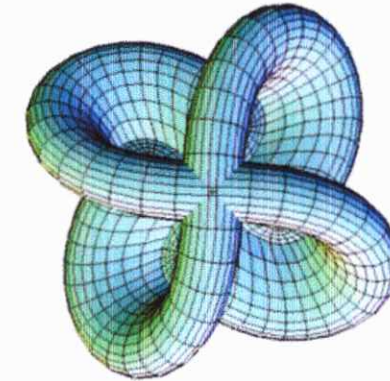
COURSE OBJECTIVES

- Understand the fundamental concepts of computational geometry and its
- Applications
- Acquire knowledge of basic geometric primitives and operations.
- Develop an understanding of planar point location and line segment intersection
- Algorithms.
- Gain a comprehensive understanding of convex hulls, including their properties and
- Applications.
- Familiarize yourself with various convex hull algorithms, such as gift wrapping
- (Jarvis march), Graham scan, and Quick hull.
-

EXPECTED OUTCOMES

- Understand the fundamental concepts and principles of computational geometry.
- Apply basic geometric primitives and operations to solve computational geometry problems.
- Analyze and compare different algorithms for solving convex hull problems.
- Implement and evaluate various triangulation algorithms.
- Construct and analyze Verona diagrams using Fortune's algorithm.

Resource Person	Co-ordinator
Mr.S.Rajender	Mrs.G.Subhashini
Assistant Professor	Assistant Professor
Department of CSE	Department of CSE

Students are instructed to register the given below link:
htps://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqScoGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-ksiik

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Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

VALUE ADDED COURSE ON

"COMPUTATIONAL GEOMETRY iN A DATA STRUCTURES"

07th SEP to 12th SEP ,2020

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.NAGALAXMI** Bearing roll number **18Q61A0535** from the department of **Computer Science and Engineering** completed the value added course on "**COMPUTATIONAL GEOMETRY IN A DATA STRUCTURES**" During the year **2020-21**.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.PAVAN KALYAN** Bearing roll number **18Q61A0501**

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

course on **"COMPUTATIONAL GEOMETRY IN A DATA STRUCTURES"** During the year

2020-21.

Head of The Department
CO ORDINATOR
PRINCIPAL

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

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

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

ABOUT THE COURSE

Cyber security is an enabler of the digital future that minimizes risks and threats when operating in cyber-environment. Critical issues include data privacy and controlling the data delivered by devices when AI can search and combine data in ways not yet seen. Trends of Cyber Security will bring you the latest knowledge and issues about global cyber security field.

COURSE OBJECTIVES

- Learn the foundations of Cyber security and threat landscape.
- To equip students with the technical knowledge and skills needed to protect and defend against cyber threats.
- To develop skills in students that can help them plan, implement, and monitor cyber security mechanisms to ensure the protection of information technology assets.
- To expose students to governance, regulatory, legal, economic, environmental, social and ethical contexts of cyber security
- To expose students to responsible use of online social media networks.
- To systematically educate the necessity to understand the impact of cyber crimes and threats with solutions in a global and societal context
- To select suitable ethical principles and commit to professional responsibilities and human values and contribute value and wealth for the benefit of the societ

EXPECTED OUTCOMES

- Protect and defend computer systems and networks from cybersecurity attacks. ...
- Diagnose and investigate cybersecurity events or crimes related to computer systems and digital evidence. ...
- Effectively communicate in a professional setting to address information security issues.

Resource Person	Co-ordinator
Mr.R.Deepak Sharma	Mrs.Jainabbi Banda
Technical Trainer	Assistant Professor
COIGN Consultants Pvt Ltd	Department of CSE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform
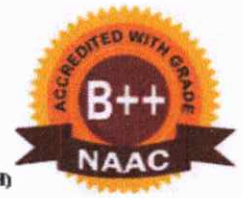
Class starts from 14/09/2020 to 19/09/2020 10:00 AM TO 04:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-eibysi

AVANTHI

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VALUE ADDED COURSE ON

"TRENDS OF CYBER SECURITY"

14th SEP to 19th SEP - 2020

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.RAHUL** Bearing Reg.No **18Q61A0538** is participated in **"TRENDS OF CYBER SECURITY"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **COIGN** from **14/09/2020** to **19/09/2020**.

COIGN Consultants Pvt.Ltd

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

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

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

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **E.SAIKUMAR** Bearing Reg.No **19Q61D5804** is participated in "**TRENDS OF CYBER SECURITY**" course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **COIGN** from **14/09/2020** to **19/09/2020**.

COIGN Consultants Pvt.Ltd

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

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

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

ABOUT THE COURSE

This course provide a comprehensive understanding of the recent trends and challenges in Computer Science and Engineering. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.

COURSE OBJECTIVES

·The course objective is to teach students about the current trends in various computer science and information technology fields.
·Students will learn about the fields of application design, database design, data science, artificial intelligence, machine learning, the internet of things, and block chain technology.

EXPECTED OUTCOMES

The course outcomes for Computer Science and Engineering typically include the ability to apply knowledge of computing and mathematics appropriate to the discipline, identify, analyze, research literature, formulate complex problems involving computing, and design, implement and evaluate a computational system/solution to customer requirements567. These outcomes ensure that students are well-equipped with the necessary skills and knowledge to excel in their future careers.

Resource Person
Mr.N.Ranga Swamy
Subject Expert
ASK Training Services

Co-ordinator
Mr.N.Chinya
Assistant Professor
Department of CSE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72A
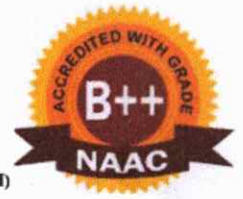H-HYQWxi3nL6ulJOIEX2ADId2pyg/viewform

Class starts from 09-11- 2020 to 14-11-2020   09:30 AM TO 04:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-eibysi

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Computer Science Trends

VALUE ADDED COURSE ON

"RECENT TRENDS AND CHALLENGING IN CSE"

09th to 14th NOV ,2020

DURATION OF THE COURSE 30HRS

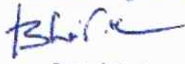ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

ASK Training Services

This is to certify that Mr./Ms **B.ARAVIND** bearing Reg.no **18Q61A0564**

Has completed **"RECENT TRENDS AND CHALLENGES"** conducted

at **Avanthi Institute of Engineering & Technology**, Gunthapally,

Abdullapurmettu, Rangareddy. In association with 'ASK Training

Services' from **09/11/2020** to **14/11/2020**.

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

For ASK Training Services

Proprietor

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy Dist, Telangana.

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

ASK Training Services

This is to certify that Mr./Ms **P.SOUNDARYA** bearing Reg.no **18Q61A0588** Has completed **"RECENT TRENDS AND CHALLENGES"** conducted at **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy. In association with '**ASK Training Services**' from **09/11/2020** to **14/11/2020**.

For ASK Training Services

Proprietor

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

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

Head of the Department
Computer Science & Engineering
State of Engineering & Technology
ally (Vill), Abdullapur Met (Mdl)
nga Reddy District, Telangana.

ABOUT THE COURSE

The Internet of Things (IoT) and smart connected devices have radically changed the way our world works and how companies operate and create new businesses. In this course, we provide an overview of the underlying IoT technologies and their business applications. This course is an introduction to IoT and explains why it is a continuously evolving concept with many industrial applications. You will learn the fundamental building blocks of IoT and the fast-changing trends to combine them suitably for a precise industrial application. You'll learn an overview of what is Internet of Things (IoT) and how to develop a business model canvas. Description of typical IoT components and edge computing concept Communication standards and big data cloud infrastructure partners to choose in the case of IoT businesses. Security requirements and techniques in IoT systems. Different types of artificial intelligence (AI) technologies and edge AI systems in the context of IoT Design thinking concept and how-to setup the business model and avenues in IoT

COURSE OBJECTIVE

Students will be explored to the interconnection and Integration of the physical world and the cyber space. They are also able to design & develop IOT devices. This course focuses on the latest microcontrollers with application development, product design and prototyping. The Internet of Things (IOT) is the next wave, world is going to witness. Today we live in an era of connected devices (mobile phones, computers etc.), the future is of connected things (Eg: home appliances, vehicles, lamp-posts, personal accessories, industrial equipments and everything which you use in day-to-day life). Internet of Things is a term given to the attempt of connecting objects to the internet and also to each other - allowing people and objects themselves to analyze data from various sources in real-time and take necessary actions in an intelligent fashion. This course will describe the market around the Internet of Things (IOT), the technology used to build these kinds oF devices, how they communicate. how they store data, and the kinds of distributed systems needed to support them. Divided into four modules, we will learn by doing to start with simple Samples and

integrate the techniques. And we a learn into a class project in which we design and build an actual IoT system.

EXECPTED OUTCOME

To understand the fundamental application areas of IOT. Able to realize the revolution of the Internet in Mobile Devices, Cloud & Sensor Networks. Able to understand the building blocks of the Internet of Things and its characteristics. After the completion of the course, the students will be able to design some IOT-based prototypes. Understand the definition and significance of the Internet of Things, Discuss the architecture, operation, and business benefits of an IoT solution, Examine the potential business opportunities that IoT can uncover, Explore the relationship between Iot, cloud computing, and big data, identify how IoT differs from traditional data collection systems. It provides advanced data collection, connectivity, and analysis of information collected & by computers everywhere taking the concepts of Machine Machine communication further than ever before. This course gives a foundation in the Internet of Things, including th components, tools, and analysis by teaching the concepts behind the IoT and a look at real-world solutions

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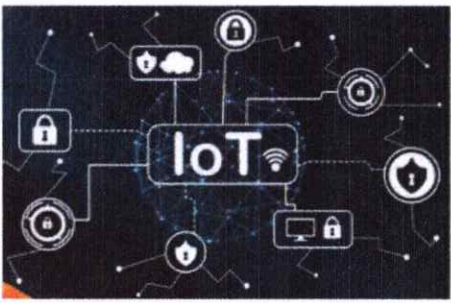
ADD-ON COURSE ON

"DESIGN OF IOT APPLICATIONS"

14th TO 19th DEC,2020

Duration of the course:**36 Hrs**

: https://meet.google.com/zfj-pkfs-hxo

ORGANIZED BY :

Resource Person
Mr.M.Prasad
Subject Expert
Department of CSE
ST Marys Engineering college

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.MAINA** Bearing roll number **19Q61A0502** from the

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

"DESIGN OF IOT APPLICATIONS" During the year **2020-21**.

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

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

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

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

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Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **J.HARSHA** Bearing roll number **19Q61A0530** from the

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

"**DESIGN OF IOT APPLICATIONS**" During the year **2020-21**.

Head of The Department

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

Co-Ordinator

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

PRINCIPAL

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

ABOUT THE COURSE

In this course, you are learning Python for data science, as well as programming in general. This beginner-friendly Python course will take you from zero to programming in Python in a matter of hours. Upon its completion, you'll be able to write your own Python scripts. You'll be able to write your own Python scripts and perform basic hands-on data analysis using our Jupyter-based lab environment. This Data Science with Python course is designed to equip you with skills to work with Python Programming to achieve Data Science tasks. You will be knowledgeable about the concept of statistics in detail, followed by a case study demonstration. You will then understand data transformation, different types of distributions, and histogram. Further learn Python programming to understand some essential libraries of Python, such as NumPy, Pandas, Matplotlib, and Sea born. This course will also teach regression models, data analytics, and data visualization concepts. Test the knowledge you gain from his course by completing the quiz and receiving a course completion certificate.

COURSE OBJECTIVE

In this module, you will be introduced to statistics which comes with data problems, whereas machine learning is used to solve these problems in this first module of the course. It also discusses some real-life scenarios of problems occurring with the data in statistics. Later you will understand three steps to process the information such as descriptive, predictive, and prescriptive. Descriptive statistics means describing the data without necessarily trying to build any prediction or model into it. In this module, It will help you understand descriptive statistics by giving real-life examples. Next, you will learn the term random variable. Lastly, that will familiarize you with the case study, which will be the main objective of the next module. The case study will be carried out in Jupyter Notebook. You will also understand the descriptive analytics required to create customer profiles for the organization. You will learn briefly bout the problem statement and how you can derive the solution using Numpy and Pandas libraries in the Jupyter Notebook. This course describes measures of central tendency by

formulating to solve for the example and also analyzes various metrics of the solution through graphs

EXECPTED OUTCOME

This course provides students with wide general overview of Python a general-purpose programming language that is becoming ever more popular for data science. The focus is on the application of Python specifically for data science. The course is about ways to import, store and manipulate data, and helpful data science tools to conducting data analyses. The course is intended for students with little programming background. The learning process is facilitated with DataCamp platform. Expected Learning Outcomes are Know basic data types in Python. Know operators, how to clean and merge datasets. Know pandas library, the main methods for Data Frames, Know how to import data in Python, Know how to work in Jupyter Notebook.
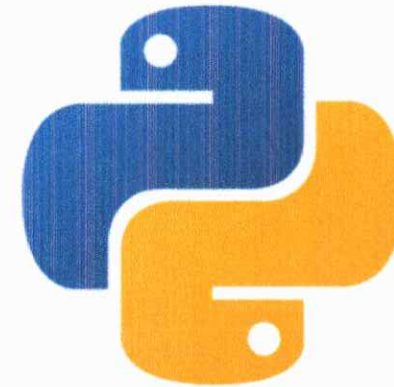
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JNTU(H)

ADD-ON COURSE ON
"PYTHON FOR DATA SCIENCE
1st TO 6th FEB,2021

Duration of the course:36 Hrs

: https://meet.google.com/zfj-pkfs-hxo

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Resource Person
Mr.V.Sudhir Kumar
Subject Expert
Department of CSE
Pallavi Engineering College

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

Co-ordinator
Mr.T.Sravan kumar
Assistant Professor
Department of CSE

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.RENUKA** Bearing roll number **19Q61A0536** from the

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

"PYTHON FOR DATA SCIENCE" During the year **2020-21**.

Head of The Department

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

Co-Ordinator

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

Principal

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.SAITEJA** Bearing roll number **19Q61A0567** from the

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

"PYTHON FOR DATA SCIENCE" During the year **2020-21**.

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

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

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

ABOUT THE COURSE

Full-stack development is the process of designing, creating, testing, and deploying a complete web application from start to finish. It involves working with various technologies and tools, including front-end web development, back-end web development, and database development. Full Stack Development refers to the development of the front-end and back-end of a website. A full-stack developer is one who has good knowledge of front-end (HTML, CSS, and JavaScript) along with frameworks, and back-end (a programming language, APIs, NodeJS) integrating with databases (Oracle, MongoDB, and SQL). The front end is the UI (User Interface) part of the application; the back end takes care of the data management and servers. In this course, you will master skills like Java, Data Structures. HTML, CSS, React, Redux, Express, NodeJS, MongoDB, The advantage of being a full-stack web developer is, can master all the techniques involved in a development project, make a prototype very rapidly, provide help to all the team members, reduce the cost of the project and better understand all aspects of new and upcoming technologies.

COURSE OBJECTIVE

Students should be able to Use their learned skills, knowledge and abilities to develop web sites for the internet. Apply basic design principles to present ideas, information, products, and services on websites. Apply basic programming principles to the construction of websites. Effectively manage website projects using available resources. Demonstrate communication skills, service management skills, and presentation skills. Apply employability skills including fundamental skills, personal management skills, and teamwork skills. Design user interactions on web pages. Develop back end website applications. Create servers and databases for functionality. Develop adaptive content for multiple devices (cell phone, tablets, etc.)Ensure cross-platform optimization for mobile phones. Ensure responsiveness applications. Work alongside graphic designers web design features. Manage a project from conception to finished product. Design and develop Application Programming Interfaces (APIs). Meet both technical and

consumer needs for a web development project. Learn to research new methods of development in web applications and programming languages.

EXECPTED OUTCOME

Structure and implement HTML/CSS, apply intermediate and advanced web development practices, implement basic JavaScript, create visualizations in accordance with UI/UX theories, Develop a fully functioning website and deploy on a web server, Find and use code packages based on their documentation to produce working results in a project. Create web pages that function using external data, Architect solutions to programming problems by combining visual components and classes, Develop JavaScript applications that transition between states. Identify mobile strategies and design for multiple operating systems. Distinguishing trends in multi-device implementation. Create visualizations in accordance with UI/UX theories. Derive information from data and implement data into applications.

Resource person
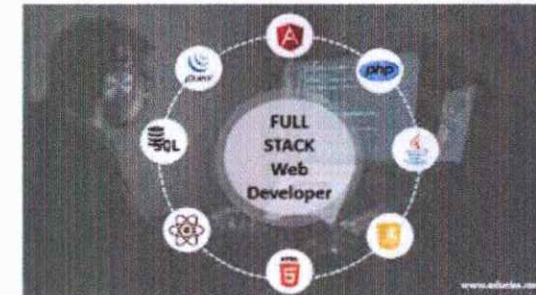**Mrs.J.Spandana**
Assistant Professor
Department of CSE.

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

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

Class starts from 22.03.2021 to 27.03.2021 at 09:30AM - 04:00PM.

ADD-ON COURSE ON

"FULL STACK WEB DEVELOPMENT"

22nd TO 27th MAR,2021

Duration of the course:36 Hrs

: https://meet.google.com/jhu-mjks-rdo

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.NAVEEN** Bearing roll number **19Q65A0511** from the

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

"FULL STACK WEB DEVELOPMENT" During the year **2020-21**.

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

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

Principal
Institute of Engg. & Tech
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 **P.NAGARAJU** Bearing roll number **18Q61A05A1** from the

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

"FULL STACK WEB DEVELOPMENT" During the year **2020-21**.

Head of The Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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.

ABOUT THE COURSE

The "Advance Java Reflection for Java" course is a technical course that is designed for 2nd year 2nd semester IT students. This course aims to provide students with a comprehensive understanding of the Java Reflection API, which is an advanced feature of the Java programming language.

The course is likely to cover topics such as:

1. Introduction to Java Reflection: What is Java Reflection and how it works in the Java language.
2. Class Inspection: How to inspect the structure of a Java class using the Reflection API.
3. Method Invocation: How to dynamically invoke methods on a Java object using Reflection.
4. Field Access: How to access and modify the fields of a Java object using Reflection.

COURSE OBJECTIVES

The objectives of the "Advance Java Reflection for Java" course for 2nd year 2nd semester IT students can include the following:

1. To provide a comprehensive understanding of the Java Reflection API and its capabilities.
2. To equip students with the skills to dynamically inspect, modify and extend the behaviour of Java objects at runtime.
3. To enable students to use the Java Reflection API to create dynamic and flexible Java applications.

EXPECTED OUTCOMES

The expected outcomes of the "Advance Java Reflection for Java" course the following:

1. Improved knowledge and understanding of the Java Reflection API and its capabilities.
2. Enhanced ability to inspect, modify and extend the behavior of Java objects at runtime using the Reflection API.
3. Development of practical skills in using the Java Reflection API to create dynamic and flexible Java applications.
4. Increased confidence and competence in using Java Reflection to solve real-world programming problems.
5. Improved problem-solving skills through hands-on experience in working with the Reflection API.
6. Enhanced employability and competitiveness in the IT industry through advanced knowledge and skills in Java programming.
7. Increased creativity and critical thinking skills through exploration of new and innovative uses for Java Reflection.

Resource Person
Mr.CH.Hemanth
Technical Trainer
Conscience Technologies

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

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@LSfaAMKKLKLK6gqSCGCE4
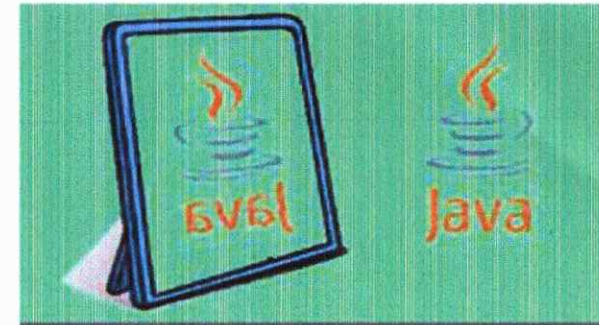gJz3wbKtECF6ONOUD7J3hFN8DFmElG/viewform

Class starts from 29-03-2021 to 03-04-2021 10AM-4 PM

Google Meet Link: https://meet.google.com/www-bmcp-ggii

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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Approved by AICTE,Recgd by Govt.of TS and Affiliated to
JNTU(H)

VALUE ADDED COURSE ON

"ADVANCED JAVA REFLECTION"

29th MAR to 03 APR,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **T.DEEPIKAA** BEARING REG.NO **19Q61A0598** IS PARTICIPATED IN **"ADVANCED JAVA REFLECTION"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY,** IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **29/03/2021** TO **03/04/2021**.

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

Academic Director
CONSCIENCE TECHNOLOGIES

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **K.RAKESH** BEARING REG.NO **19Q61A0569** IS PARTICIPATED IN **"ADVANCED JAVA REFLECTION"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,** **GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY,** IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **29/03/2021** TO **03/04/2021.**

PRINCIPAL
Avanthi Institute of Engg. & Tech
...pally (V), Abdullapurmel (M\1), R.R. Dist

Academic Director
CONSCIENCE TECHNOLOGIES

ABOUT THE COURSE

This "Advanced Data Structures using Python" course provides a comprehensive explanation of different types of graph and various graph algorithms. Throughout the course, a step-by-step approach is followed to make you understand different algorithms. Through this course, you can build a strong foundation and it will help you to crack Data Structures and Algorithms in Python coding interviews questions and work on projects. A good foundation on Data Structures and Algorithms in Python interview topics helps you to attempt tricky interview questions. This Data Structures and Algorithms using Python course covers the following topics with Python implementation Trees AVL Tree, Threaded Binary Tree. Expression Tree, B Tree explained and implemented in Python. Graphs Adjacency matrix. Adjacency list. Path matrix, Warshall's Algorithm. Traversal, Breadth First Search (BFS), Depth First Search (DFS), Dijkstra's Shortest Path Algorithm, Prim's Algorithm and Kruskal's Algorithm for minimum spanning tree. The algorithms and examples are explained with figures and animations to simplify the learning of this complex topic. You will see code implementation of different data structures in Python and algorithms are explained in a step- wise manner.

COURSE OBJECTIVE

Course Objectives are the fundamental design, analysis, and implementation of basic data structures, Basic concepts in the specification and analysis of programs, Principles for good program design, especially the uses of data abstraction, Significance of algorithms in the computer field, and Various aspects of algorithm development. To impart the basic concepts of data structures and algorithms, To understand concepts about searching and sorting techniques, To Understand basic concepts about stacks, queues, lists, trees and graphs. To understanding about writing algorithms and step by step approach in solving problems with the help of fundamental data structures. This course will teach you the necessary theory and applications to properly understand the advanced data structures that are critical to various problems and how to implement them. We'll also go hands-on and reveal tips and tricks for

otimizations, identifying the right approach and presenting convincing explanations.

EXECPTED OUTCOME

Understand the basic principles and operations of data structures. Apply Hashing, Disjoint sets and String-Matching techniques for solving problems effectively. Apply the concepts of advanced Trees and Graphs for solving problems effectively. Analyze the given scenario and choose appropriate Data Structure for solving problems. Basic ability to analyze algorithms and to determine algorithm correctness and time efficiency class, master a variety of advanced abstract data type (ADT) and data structures and their implementations, Master different algorithm design techniques (brute-force, divide and conquer, greedy, Ability to apply and implement learned algorithm design techniques and data structures to solve problems. Ability to analyze algorithms and algorithm correctness, Ability to summarize searching and sorting techniques, Ability to describe stack, queue and Finally, you'll learn how to develop complex algorithms that are easy to understand bug, and reusable in various applications

Resource person
Mr.P.Harikrishna
Subject Expert
Webtech Labs Pvt Ltd

Co-ordinator :
Mr.Devatha Nagaraj
Assistant Professor
Department of CSE

Class starts from 05.04.2021 to 10.04.2021 at 09:30AM - 04:00PM.

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ADD-ON COURSE ON
"ADVANCED DATA STRUCTURES USING PYTHON"
05th TO 10th APRIL,2021

Duration of the course:36 Hrs

: https://meet.google.com/trw-jhgr-aqo

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
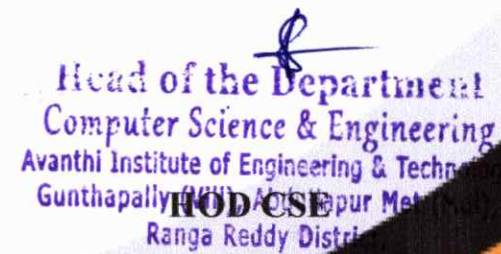
COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **R.NIKHITHA** Bearing Reg.No **19Q61A05C8** is participated in **"ADVANCED DATA STRUCTURES USING PYTHON"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **05/04/2021** to **10/04/2021**.

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

DIRECTOR

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.VINAY KUMAR** Bearing Reg.No **19Q61A05A3** is participated in **"ADVANCED DATA STRUCTURES USING PYTHON"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **05/04/2021** to **10/04/2021**.

DIRECTOR

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

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

HOD CSE

ABOUT THE COURSE

This course provide a comprehensive understanding of AI and ML and their applications in various industries. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.

COURSE OBJECTIVES

- To learn the distinction between optimal reasoning Vs. human like reasoning
- To understand the concepts of state space representation, exhaustive search, heuristic search together with the time and space complexities.
- To learn different knowledge representation techniques.
- To understand the applications of AI, namely game playing, theorem proving, and machine learning.
- Understand the concepts of computational intelligence like machine learning
- Ability to get the skill to apply machine learning techniques to address the real time problems in different areas
- Understand the Neural Networks and its usage in machine learning application.

EXPECTED OUTCOMES

- Understanding of AI and ML Fundamentals:
- Programming Skills:
- Data Preprocessing and Analysis
- Model Building and Training
- Evaluation and Validation:
- Learn techniques for feature selection and engineering to improve model performance.

Resource Person
Mr.N.Mangan
Assistant Professor
Department of CSE

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

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72A
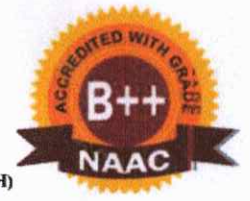H-HYQWxi3nL6ulJOIEX2ADId2pyg/viewform

Class starts from 12-04- 2021 to 17-04-2021   09:30 AM TO 04:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-eibysi

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VALUE ADDED COURSE ON

"ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"

12th to 17th APR ,2021

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **T.MAHENDER** Bearing roll number **19Q61A05D7**

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

course on "**ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**" During the year

2020-21.

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

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

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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 "**ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**" During the year **2020-21**.

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

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

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

ABOUT THE COURSE

"Introduction to Computational Thinking & Programming is a course or educational program that introduces individuals to the fundamental concepts and principles of computational thinking and programming. aims to develop the skills required to solve problems using a computer and to write programs to automate tasks and manipulate data

COURSE OBJECTIVES

• Introduce students to the principles of computational thinking and its application in problem-solving.
• Develop a fundamental understanding of programming concepts and logical reasoning.
• Enhance problem-solving skills through hands-on programming exercises and projects.
• Foster creativity, critical thinking, and algorithmic reasoning Abilities.
• Prepare students for advanced programming courses and future technological advancements

EXPECTED OUTCOMES

- Understanding of Computational Thinking
- Proficiency in Programming Fundamentals
- Problem Solving and Algorithmic Reasoning
- Hands-on Programming Skills
- Debugging and Troubleshooting Proficiency

Resource Person
Dr. Shahebaz Ahmed Khan
Assistant Professor
Department of CSE.

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

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

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSdTpl_cdMhGnYQVONjedNm-ZsRb41-43zBw0m%20RIUGGWw5Ajw/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Cgg-fzoq

Class starts from 17.05.2021 to 22.05.2021 at 09:30AM - 4:00 PM

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B++ NAAC
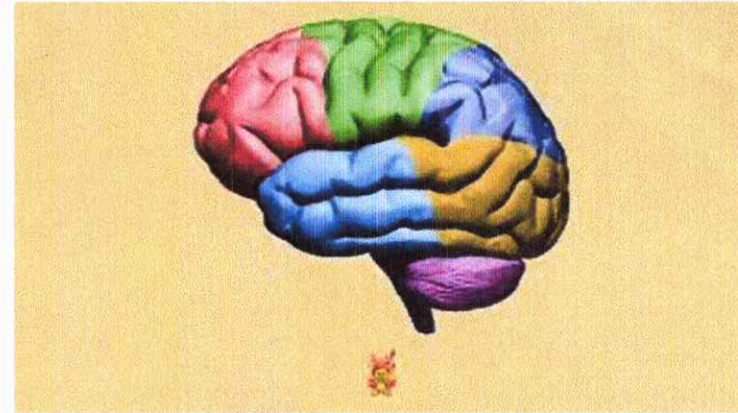
ADD-ON COURSE ON

INTRODUCTION TO COMPUTATIONAL THINKING & PROGRAMMING"

17th MAY TO 22nd MAY, 2021

DURATION OF THE COURSE 36 HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **U.JYOTHI** Bearing roll number **20Q61D5815** from the

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

"INTRODUCTION TO COMPUTATIONAL THINKING & PROGRAMMING" During the year

2020-21.

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

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

Principal
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 Computer Science & Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.SRAVANTHI** Bearing roll number **20Q65A0514** from

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

on **"INTRODUCTION TO COMPUTATIONAL THINKING & PROGRAMMING"** During the year

2020-21.

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

Head of The Department

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

ABOUT THE COURSE

Java Spring Boot (Spring Boot) is a tool that makes developing web application and microservices with Spring Framework faster and easier through three core capabilities: Autoconfiguration. An opinionated approach to configuration. The ability to create standalone applications

COURSE OBJECTIVES

Upon completion of this course, participants will understand how Spring Boot enhances the following:

- Describe the benefits provided by Spring Boot
- Initialize a project using Spring Boot Starters
- Leverage Spring Boot's auto configuration features to enable JDBC setup and initialization
- Create simplified backing-store solutions using Spring Data and JPA
- Build a simple MVC application using Spring Boot, embedded Web Server and fat JARs or classic WARs
- Build a RESTful Web application
- Use Spring Security to secure Web and REST endpoints
- Enable and extend metrics and monitoring capabilities using Spring Boot actuator
- Leverage advance configuration capabilities
- Utilize Spring Boot enhancements to testing

EXPECTED OUTCOMES

- Develop MVC and REST services using Spring Boot & Spring Data JPA.
- Understand internals of Spring Boot & Spring Data.
- Gain confidence in Spring core, Hibernate ORM and JPA

Resource Person
Mr.D.Srikanth
Subject Expert
IBeON Info Tech Pvt Ltd

Co-ordinator
Mr.Abdul Ahmad Afroz
Assistant Professor
Department of CSE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIp@L SfaUMOAMWK6gqSCGCE4
gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvohi-eicsdiixi

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

VALUE ADDED COURSE ON

"SPRING BOOT"

01st to 22th FEB - 2021

Duration of the course:45HRS

ORGANIZED BY :
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IBeON INFOTECH™

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.ANUSHA** .Bearing Reg.No **18Q65A0505** is participated

in **"SPRING BOOT"** course conducted at the Avanthi Institute of Engineering &

Technology,Gunthapally,Abdullapurmettu,Rangareddy,   in   Association   with   **IBeON**

INFOTECH from **01/02/2021** to **22/02/2021**.

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

Authorized Signatory

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

IBeON INFOTECH ™

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.NAGARANI** .Bearing Reg.No **17Q61A0505** is participated in **"SPRING BOOT"** course conducted at the Avanthi Institute of Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **IBeON INFOTECH** from **01/02/2021** to **22/02/2021**.

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

Authorized Signatory

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

ABOUT THE COURSE

Deep Learning, also known as deep neural learning or deepneural network, is an aspect of artificial intelligence thatdepends on data representations rather than task-specificalgorithms. It allows the user to run supervised, semi-supervised, and unsupervised learning.

COURSE OBJECTIVES

Introduce to the basic concepts of neural networks. Identify and analyze the various types of neural networks and models of neuron and apply accordingly. Introduce the concept of deep learning and its types. Explore the concepts of applications of eep learning.

EXPECTED OUTCOMES

Upon completing this course students will be able to:
Analyze and apply the basic concepts of neural networks. Analyze various types of neural networks and use various activation functions to solve complex problems. Relate the concept of deep learning and its architecture. Design and carry out empirical analysis for various types of applications of deep learning systems

Resource Person	Co-ordinator
Mr.G.Manohar	Mrs.P.Padmavathi
Technical Trainer	Assistant Professor
Future Gen Technologies	Department of ECE

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSecfRJLe19NWTrwk4-17XI3135IpCHjlpy2M_Mfv92t-g55Q/viewform

Google Meet Link: https://meet.google.com/vqt-xvoh-ksiapl

Class starts from 14-09-2020 to 19-09-2020 10:00 AM--4 PM

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ADD-ON COURSE ON

"APPLICATIONS OF DEEP LEARNING FOR COMPUTER VISION"
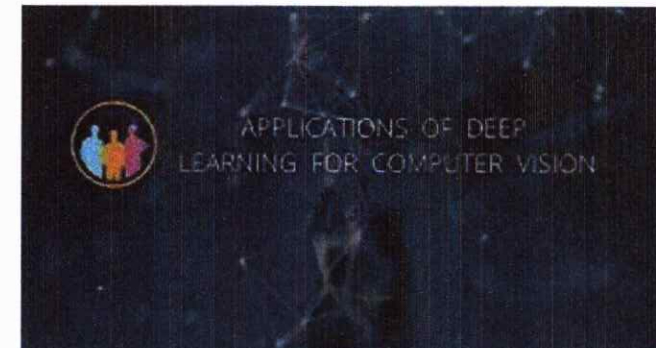
14th SEP TO 19th SEP, 2020

DURATION OF THE COURSE 36HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **L.SAIKOUSHIK** Bearing Reg.No **19Q61A0431** is participated in **"APPLICATIONS OF DEEP LEARNING FOR COMPUTER VISION"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'Future Gen Technologies'** from **14/09/2020 to 19/09/2020.**

Authorised Signatory

M/s Future Gen Technologies

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

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

5th Floor, Green House Building, Beside Aditya Trade Center, Satyam theatre Road,
Aditya Trade Center (Passport Office), Ameerpet, Hyderabad, Telangana - 500016

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SWETHA** Bearing Reg.No **19Q61A0402** is participated in **"APPLICATIONS OF DEEP LEARNING FOR COMPUTER VISION"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'Future Gen Technologies'** from **14/09/2020 to 19/09/2020.**

Authorised Signatory

M/s Future Gen Technologies

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

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

5th Floor, Green House Building, Beside Aditya Trade Center, Satyam theatre Road,
Aditya Trade Center (Passport Office), Ameerpet, Hyderabad, Telangana - 500016

ABOUT THE COURSE

Arduino is the physical programmable board. A wide array of sensor scan be attached with this board and many third-party libraries can be linking with an Arduino sketch. Arduino hardware components are cheaper in relation with other controller architecture and programming language is easy. Arduino has greater academic applications. In this paper, the roles of Arduino among micro controller boards are investigated. First, different types of Arduino boards are identified. Second, different Arduino applications are identified from the literature reported in the literature are surveyed and analyzed. In the last we will also summarize the work done.

COURSE OBJECTIVES

Arduino is a prototype platform based on an easy-to-use hardware and software. It consist of a circuit board, which can be programmed and a ready-made software called Arduino IDE, which is used to write and upload the computer code to the physical board. Arduino provides a standard form factor that breaks the functions of the micro-controller into a more accessible package.

EXPECTED OUTCOMES

Students will be able to Learn the basics of electronics, including reading schematics Learn the Arduino programming language and IDE, program basic Arduino examples. Prototype circuits and connect them to the Arduino. Program the Arduino microcontroller to make the circuits work. Connect the Arduino microcontroller to a serial terminal to understand communication and stand-alone use. Explore the provide examples code and online resources for extending knowedge about the capailities of the Arduino microcontroller.

Resource Person	Co-ordinator
Mr.P.Sudhakar	Mr.S Saidi Reddy
Technical Trainer	Assistant Professor
Conscience Technologies	Department of ECE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Class starts from 12-10-2020 to 17-10-2020 10:00AM-04:00PM

Google Meet Link: https://meet.google.com/vgt-xvoh-ksi

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
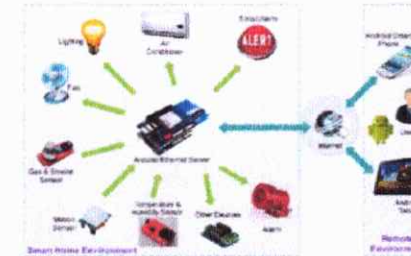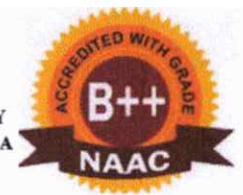Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

Figure 2: System architecture of the smart home system.

VALUE ADDED COURSE ON

"DESIGN AND IMPLEMENTATION OF SMART HOME APPLIANCES USING ARDUINO"

12th OCT TO 17th OCT,2020

DURATION OF THE COURSE 36 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. T.POOJA BEARING REG.NO 20Q61D5711 IS PARTICIPATED IN "DESIGN AND IMPLEMENTATION OF SMART HOME APPLIANCES USING ARDUINO" COURSE CONDUCTED AT THE AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY, IN ASSOCIATION WITH 'CONSCIENCE TECHNOLOGIES' FROM 12/10/2020 TO 17/10/2020.

CONSCIENCE TECHNOLOGIES

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telang

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

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **A.REVATHI** BEARING REG.NO **18Q61A0402** IS PARTICIPATED IN **"DESIGN AND IMPLEMENTATION OF SMART HOME APPLIANCES USING ARDUINO"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,** GUNTHAPALLY, ABDULLAPURMETTU, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM 12/10/2020 TO 17/10/2020.

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

Academic Director
CONSCIENCE TECHNOLOGIES

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

ABOUT THE COURSE

Wearable sensors are sensors that are directly attached to human skin or clothes for gathering biological signals with the purpose of personal healthcare. Flexible thin films of MNPs are deposited on the proper substrates for temperature and pressure control as the health signals.

COURSE OBJECTIVES

- To provide the basic understanding of measurement and instrumentation systems and the insight of the resistive sensors and its applications in real life.
- To introduce the concept of the reactive sensors and self-generating sensors and its applications in real life.
- To familiarize the characteristics, working principle and application of special purpose transducers.
- To impart the importance of smart sensors, sensor interface standards for wearable device applications and to provide a brief overview of the wearable technology and its impact on
  social life.

EXPECTED OUTCOMES

- Gain the basic idea of measurements, characteristics and the errors associated with measurements.
- Demonstrate the concept of resistive sensors which can be employed for real life applications
- Realize the concept of reactive sensors employed for real life applications
- Understand the working principle of special purpose sensors and the need for developing smart sensors.
- Describe the taxonomy of the wearable devices and its design constraints for measuring physical and biological signals.
- Able to design and perform experiments on the sensors and develop the projects based on the customer needs.

Resource Person
Mr. K.Ramu
Assistant Professor
Department of ECE

Co-ordinator
Mr.M.Saikrishna
Assistant Professor
Department of ECE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibysi

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)
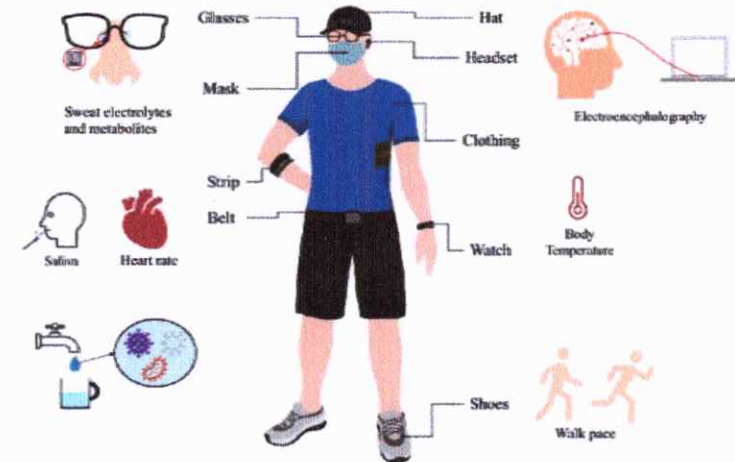
VALUE ADDED COURSE ON

"BASICS OF SENSORS AND WEARABLE TECHNOLOGY"

29th MAR to 11th MAY ,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

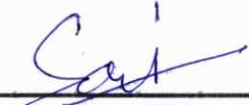www.aietg.ac.in email: principal.avanthi@gmail.com

---

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.SHRAVANI** Bearing roll number **18Q61A0459** from the department of **ECE** completed the value added course on **"BASIC SENSORS AND WEARABLE TECHNOLOGY"** During the year **2020-21**.

Head of The Department

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technolo
Gunthapally (V), Abdullapur Met (Mdl)
Ranga Reddy Dist, Telangana

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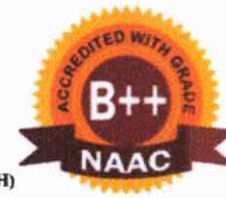**Principal** of Engg. & Tech
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.BHARATH** Bearing roll number **18Q61A0426** from the department of **ECE** completed the value added course on **"BASIC SENSORS AND WEARABLE TECHNOLOGY"** During the year **2020-21**.

Head of The Department

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

Co-Ordinator

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

PRINCIPAL

Principal

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapur Met (Mdl), R.R. Dist.

COURSE

...ich stands for MATrix LABoratory, is a high-level programming
...d interactive environment developed by MathWorks. It's used
...l computation, visualization, and programming
...of the course, you should be able to use MATLAB for problem-
...cience and engineering, where mathematical expressions are
...ively. You should also be able to create your own scripts and
...automate your work.

...IECTIVES

...ding the MATLAB environment
...to do simple calculations using MATLAB.
...to carry out simple numerical computations and analyses using

...UTCOMES

...use MATLAB for interactive computations.
...y with memory and file management in MATLAB.
... generate plots and export them for use in reports and
...ions.
...program scripts and functions using the MATLAB development
...ent.
...use basic flow controls (if-else, for, while)
...y with strings and matrices and their use

...e Person   Co-ordinator
...thi Kumar   Mrs.O.Mounika
...t Expert   Assistant Professor
...ectronics   Department of ECE

...e instructed to register the given below link:
...google.com/forms/d/e/1FAlp@L SfaheatmlK6gqSCGCE4
...CF6ONOUD7J3hGN8CEmWLg/viewform

...et Link: https://meet.google.com/vat-xvoh-kklmdrt

...tarts from 01-02- 2021 to 05-02-2021 10 AM TO 4 PM

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

VALUE ADDED COURSE ON

"MAT LAB"

1st FEB TO 05th FEB 2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.SWAPNA** Bearing Reg.No **19Q61A0468** is participated

in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'Maha Electronics**

Pvt.Ltd' from **01/02/2021 to 05/02/2021**.

For **MAHA ELECTRONICS**

Authorized Signatory

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

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

Maha Electronics Pvt. Ltd.
(An ISO 9001-2008 Certified)

#5-9-13, Room No. 515, 5th Floor
Taramandal Complex, Saifabad
Hyderabad - 500 004
Phone 040-30177416 30177400

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **P.ALEKYA** Bearing Reg.No **19Q61A0440** is participated

in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmettu,Rangareddy, in Association with **'Maha Electronics**

Pvt.Ltd' from **01/02/2021 to 05/02/2021**.

For **MAHA ELECTRONICS**

Authorized Signatory

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

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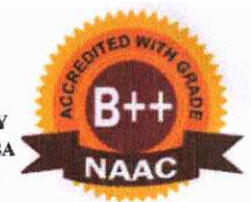
ABOUT THE COURSE

Printed circuit board (PCB) is a highly reliable and durable physical circuit design that has become an essential component of any electronic device. Printed circuit boards are made of a very thin substrate board embedded with electronic components interconnected using thin-layer of copper interconnecting traces. The board substrate is usually made of fiberglass composite epoxy substrate or other laminate materials. The circuit will contain both active and passive components. With more advanced and smaller component availability it is possible to accommodate a very large and complex circuit in a small PCB Design

COURSE OBJECTIVES

his course will teach teams of students how to design and fabricate PCB for prototyping as well as in an Industrial Production environment. This will help students to innovate faster with electronics technology dents will design their own PCB for a simple product of their choice, build simple prototypes of their design, and document their PCB design and prototyping. To stimulate PCB design concepts guest lectures will be invited to present a range of design challenges. Challenge areas will include consumer products and the needs of the developing world. sustainability, and other users of non-profit organization services.

EXPECTED OUTCOMES

The students will be able to understand a single layer and multilayer PCB. To create and fabricate a PCB and Evaluate and test a PCB. To learn advantages and disadvantages of PCB

Resource Person	Co-ordinator
Mr.J.Kiran	Mr.M.Vinaykumar
Technical Trainer	Assistant Professor
Physitech Electronics	Department of ECE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72A H-HYQWxi3nL6ulJOIEX2ADId2pyg/viewform

Class starts from 15-03-2021 to 20-03-2021 10AM-4 PM

Google Meet Link: https://meet.google.com/vat-xvoh-ksi

LAST DATE FOR REGISTRATION: 25th MARCH, 2021

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
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VALUE ADDED COURSE ON

"DESIGN AND PROTO TYPING OF PRINTED CIRCUIT BOARDS"

15th MARCH TO 20th MAY, 2021

DURATION OF THE COURSE 30 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), RR Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.DIVYA** Bearing Reg.No **20Q65A0424** is participated in **"DESIGN AND PROTO TYPING OF PRINTED CIRCUIT BOARD"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'PHYSITECH ELECTRONICS'** from **15/03/2021 to 20/03/2021**.

(Sign with Seal)

Authorized Sign.
Physitech Electronics

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

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **J.MADHURI** Bearing Reg.No **19Q61A0478** is participated in **"DESIGN AND PROTO TYPING OF PRINTED CIRCUIT BOARD"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'PHYSITECH ELECTRONICS'** from **15/03/2021 to 20/03/2021**.

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

(Sign with Seal)

Authorized Sign.
Physitech Electronics

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

ABOUT THE COURSE

Python and C language have been at work for a couple of decades to provide developers and programmers with the ability to write code easily. There are many differences that lie in between the two, and thus, you need to have insights into Python vs C language. This blog is aimed at providing you with complete information regarding the comparison between Python and C programming Language

COURSE OBJECTIVES

- To learn Assemble, Install and replace different parts of computer
- To demonstrate the basic functionalities of different types of Operating Systems with the knowledge of installation and
- configuration of Windows / Linux Operating System.
- To perform conversion of different number systems and do arithmetic operation
- To write 'C' Programs using Loop, function Arrays, Structure, & Pointers
- To write simple Python program using Python string processing functions and methods, also involving dictionaries & related operations

COURSE OBJECTIVES

At the end of the course, students will have the ability to:

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72AH-HYQWxi3nL6ulJOIEX2ADIdlntyg/viewform

Google Meet Link: https://meet.google.com/vat-xmecgh-ksi

- learn Assemble, Install and replace different parts of computer .
- Demonstrate the basic functionalities of different types of Operating Systems with the Knowledge of installation and configuration of windows /Linux operating System
- Perform conversion of different number systems and do arithmetic operation
- Write C Programs using Loap, function Arrays, Structure, & Pointers
- Write simple Python program using Python string processing functions and methods, also involving dictionaries & related operations

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Resource person
Mr.M.Uday
Subject Expert
WEBTEK Labs Pvt Ltd

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

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

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NAAC

ADD-ON COURSE ON
"PROGRAMMING LOGIC WITH C AND PYTHON"
10 TH TO 15TH MAY,2021

Duration of the course:**36 Hrs**

ORGANIZED BY :
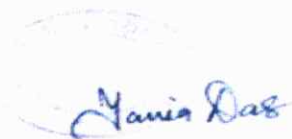## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **P.SWATHI** Bearing Reg.No **19Q65A0438** is participated in **"PROGRAMMING LOGIC WITH C AND PYTHON"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **10/05/2021** to **15/05/2021**.

DIRECTOR

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

HOD ECE

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

WebTek Labs Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.NAGARAJU** Bearing Reg.No **19Q65A0402** is participated in **"PROGRAMMING LOGIC WITH C AND PYTHON"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,Rangareddy, in Association with **WEBTEKLabs Pvt.Ltd.** from **10/05/2021** to **15/05/2021**.

DIRECTOR

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

HOD ECE

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

ABOUT THE COURSE

Pandas has powerful tools like Series, DataFrame etc. NumPy has a powerful tool like Arrays. Pandas is used in popular organizations like Instacart, SendGrid, and Sighten. NumPy is used in the popular organization like SweepSouth.

COURSE OBJECTIVES

- To install and run the Python interpreter
- To learn control structures.
- To Understand Lists, Dictionaries in python
- To Handle Strings and Files in Python

EXPECTED OUTCOMES

- Create your first program in Python IDLE.
- Implement OOPs concepts in your programming.
- Use Arrays, and Data structures.
- Create an application with the support of graphics in Python.
- Implement error handling.
- When students complete Intro to Programming with Python, they will be able to: Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.

Resource Person

Mr.S.Jeevan Kumar

Subject Expert

Shellex Software Solutions

Pvt Ltd

Co-ordinator

Mr.J.Rajkumar

Assistant Professor

Department of ECE

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

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

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INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

NAAC B++

scikitlearn   tensorflow

Python   numpy

matplotlib
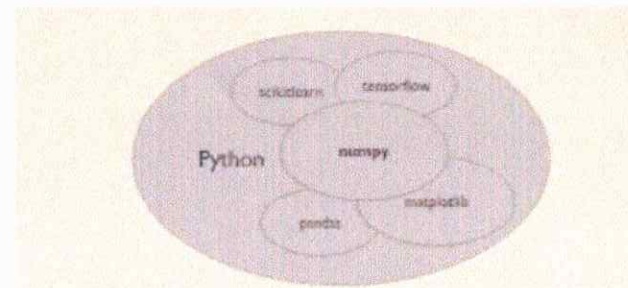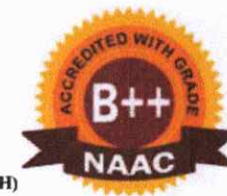
pandas

VALUE ADDED COURSE ON

" Python Applications - Numpy and Pandas"

01st to 22nd FEB - 2021

DURATION OF THE COURSE 45 HRS

ORGANIZED BY:

DEPARTMENT OF ELECTRONICS COMMUNICATION ENGINEERING

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SANTHOSH KUMAR** Bearing Reg.No

17Q61A0401 is participated in **"PYTHON APPLICATIONS-NUMPY AND**

PANDAS" course conducted at the **Avanthi Institute of Engineering &**

Technology, Gunthapally, Abdullapurmettu, Rangareddy, in Association with

'SHELLX Software Solutions Pvt.Ltd' from **01/02/2021 to 22/02/2021.**

CO ORDINATOR
vanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.VARSHA** Bearing Reg.No

17Q61A0426 is participated in **"PYTHON APPLICATIONS-NUMPY AND**

PANDAS" course conducted at the **Avanthi Institute of Engineering &**

Technology, Gunthapally, Abdullapurmettu, Rangareddy, in Association with

'SHELLX Software Solutions Pvt.Ltd'from **01/02/2021 to 22/02/2021.**

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

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

ABOUT THE COURSE

This course provide a comprehensive understanding of HVAC systems and their applications in various industries. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.
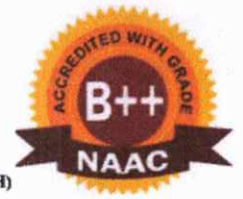
COURSE OBJECTIVES

- To calculate direct, diffuse and reflected radiation as well as to understand clearly about various incident radiations related parameters.
- To calculate angle of incidence for horizontal, vertical and tilted surfaces such as walls.
- To compare and contrast the conventional cooling and heating load calculations.
- To understand the concept and application of various air heating systems as well as to make aware the various trouble shooting measures for common arising problems.
- To classify and contrast the various water heating systems based on piping arrangement and water circulation

EXPECTED OUTCOMES

- List the factors that impact the heating & cooling loads in buildings.
- Understand the internal and external cooling loads on a building by separating sensible and latent parts.
- Calculate the heating & cooling loads using CLTD/CLF method.
- Analyze the various HVAC systems available and selecting the most appropriate one.
- Choose appropriate air heating system for a particular location and application.
- Design an HVAC system for a residential or commercial building.

Resource Person
Mr.S.Upendar
Subject Expert
Innovative Systems

Co-ordinator
Mr.G.Chandraiah
Assistant Professor
Department of MECH

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Class starts from 07-09- 2020 to 12-09-2020   10:00 AM TO 4:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-ebyi

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
ECE,CSE&EEE UG Programmes are Accredited by NBA
Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

HVAC

VALUE ADDED COURSE ON

"HANDS ON PROGRAMME ON HVAC SYSTEMS"

07th to 12th SEP ,2020

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**J.JOBIN** Bearing Reg.No **18Q61A0302** is participated in

"HANDS ON PROGRAMME ON HVAC SYSTEMS" course conducted at the **Avanthi**

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

Association with **'INNOVATIVE SYSTEMS'.** from **07/09/2020** to **12/09/2020**.

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

Sd/-
Authorised Signatory
M/s Innovative Systems

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

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**RAMAVATH KUMAR** Bearing Reg.No **19Q65A0312** is

participated in **"HANDS ON PROGRAMME ON HVAC SYSTEMS"** course conducted at the

Avanthi Institute of Engineering & Technology, Gunthapally, Abdullapurmet, Rangareddy, in

Association with **'INNOVATIVE SYSTEMS'**. from **07/09/2020** to **12/09/2020**.

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

Sd/-
Authorised Signatory
M/s Innovative Systems

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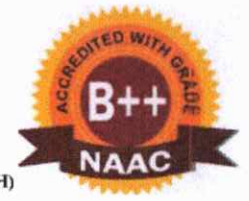
ABOUT THE COURSE

This course provide a comprehensive understanding of Unconventional Machining Processes and their applications in various industries. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.

COURSE OBJECTIVES

- To learn about the various unconventional machining process.
- To study about the process parameters of various UCM process.
- To learn about the influence of process parameters on the performance of machining.
- To study about the various applications involved in UCM process

EXPECTED OUTCOMES

- List the factors that impact the heating & cooling loads in buildings.
- Understand the internal and external cooling loads on a building by separating sensible and latent parts.
- Calculate the heating & cooling loads using CLTD/CLF method.
- Analyze the various HVAC systems available and selecting the most appropriate one.
- Choose appropriate air heating system for a particular location and application.
- Design an HVAC system for a residential or commercial building.

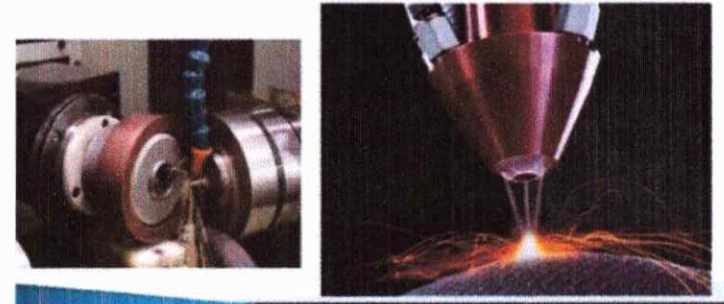| Resource Person	Co-ordinator :
Mr.A.Shankar,	Mr.M.Venkatesh
Assistant Professor	Assistant Professor
Department of MECH	Department of MECH

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGndwqzohdN8CEmWLg/viewform

Class starts from 09-11- 2020 to 14-11-2020   10:00 AM TO 4:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-ksiKLEisdik

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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UNCONVENTIONAL MACHINING PROCESS

VALUE ADDED COURSE ON

"UNCONVENTIONAL MACHINING PROSESSES"

09th to 14th NOV ,2020

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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

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

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.VIJAY** Bearing roll number **19Q65A0313** from the department of **Mechanical Engineering** completed the value added course on **"UNCONVENTIONAL MACHINING PROCESSES"** During the year **2020-21**.

Head of the Department
HOD
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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
Principal
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

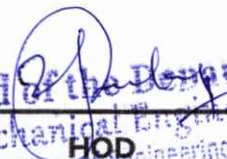Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
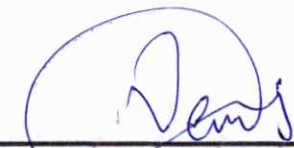
www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.POOJITHA** Bearing roll number **19Q65A0331** from the

department of **Mechanical Engineering** completed the value added course on

"**UNCONVENTIONAL MACHINING PROCESSES**" During the year **2020-21**.

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

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

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

ABOUT THE COURSE

This course provide a comprehensive understanding of composite materials and their applications in various industries. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.

COURSE OBJECTIVES

- The course objectives are to train students to be able to design composite structures, select composite materials.
- To Conduct stress analyses of selected practical applications using laminated plate theories and appropriate strength criteria, and be familiar with the properties.
- The response of composite structures subjected to mechanical loading under static and cyclic conditions.

EXPECTED OUTCOMES

- Explain the advantages and applications of composite materials.
- Describe the properties of various reinforcements of composite materials.
- Summarize the manufacture of metal matrix, ceramic matrix and C-C composites.
- Describe the manufacture of polymer matrix composites.
- Formulate the failure theories of composite materials.

Resource Person
Dr.A.Siva Kumar
Professor
Department of MECH

Co-ordinator
Mr.V.Vamshikrishna
Assistant Professor
Department of MECH

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72A
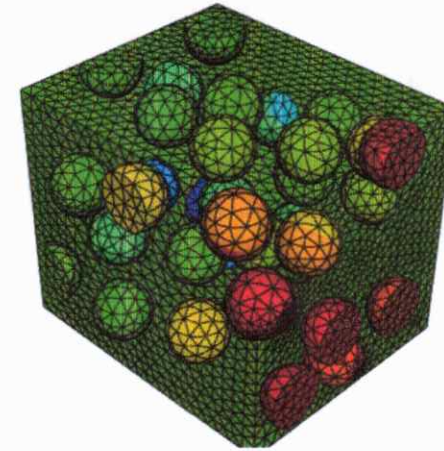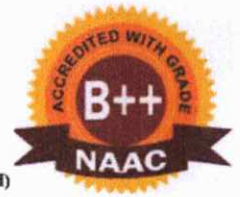H-HYQWxi3nL6ulJOIIherwqaDpyg/viewform

Class starts from 05-04- 2021 to 10-04-2021   10:00 AM TO 4:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-kl-qwei

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VALUE ADDED COURSE ON

"INTRODUCTION TO COMPOSITE MATERIALS AND ITS APPLICATION IN INDUSTRIES"
05th to 10th APR ,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

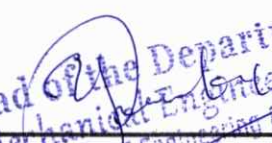Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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

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 **"INTRODUCTION**

TO COMPOSITE MATERIALS AND ITS APPLICATION IN INDUSTRIES" During the year **2020-21**.

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

CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.
Co-Ordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist
Principal

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.MATHRU** Bearing roll number **20Q65A0318** from the

department of **Mechanical Engineering** completed the value added course on **"INTRODUCTION**

TO COMPOSITE MATERIALS AND ITS APPLICATION IN INDUSTRIES" During the year **2020-21**.

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy District.
HOD

Co-Ordinator
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Principal
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

This course provide a comprehensive understanding of CATIA and its applications in various industries. They cover both theoretical concepts and practical applications, making them suitable for anyone interested in learning more about this field.

COURSE OBJECTIVES

- To be able to understand and handle design problems in a systematic manner.
- The aim of this program is to provide participants with a broad exposure to the applications of Catia in the field of 3D modeling.
- The Objective of this workshop is to enhance the designing and modeling skill of its participants
- To be able to apply CAD in real life applications.
- To be understand the basic principles of different types of analysis using CATIA, Hyper mesh, CREO.

EXPECTED OUTCOMES

- To understand the analysis of various aspects in of manufacturing design.
- Upon completion of this course, the participants would be better equipped.
- To play the role of mentor and guide in the area of 3D Modeling and Simulation of design works.

Resource Person
Dr.G.Seetharam
Professor
Subject Expert
Pallavi Engineering college

Co-ordinator
Mr.R.V.Prahlad
Assistant Professor
Department of MECH

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLZakrewQux48PqpeXricGE7
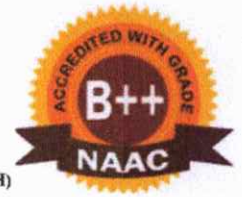2AH-HYQWxi3nL6ulJOIEX2ADId2pyg/viewform

Class starts from 26-04- 2021 to 01-05-2021   10:00 AM TO 4:00 PM

Google Meet Link: https://meet.google.com/vat-xvoh-eiboirsqysi

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CATIA

VALUE ADDED COURSE ON

"HANDS ON PROGRAMME ON CATIA"

26th APR to 01st MAY ,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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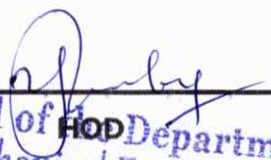Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.UDAY KIRAN** Bearing roll number **19Q65A0333** from the department of **Mechanical Engineering** completed the value added course on **"HANDS ON PROGRAMME ON CATIA"** During the year **2020-21**.

Head of Department
HOD
Mechanical Engineering
Avanthi Institute of Engineering & Tech
Gunthapally (Vill), Abdullapur Met (...
Range Reddy District,

Co-Ordinator
Avanthi Institute of Engineering & Techno
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.SURESH** Bearing roll number **19Q65A0352** from the department of **Mechanical Engineering** completed the value added course on "**HANDS ON PROGRAMME ON CATIA**" During the year **2020-21**.

HOD
Head of the Department
Mechanical
Avanthi Institute

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Techno
Gunthapally (V), Abdullapur Met (M
Ranga Reddy Dist. Telang

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

Pandas has powerful tools like Series, DataFrame etc. NumPy has a powerful tool like Arrays. Pandas is used in popular organizations like Instacart, SendGrid, and Sighten. NumPy is used in the popular organization like SweepSouth.

COURSE OBJECTIVES

- To install and run the Python interpreter
- To learn control structures.
- To Understand Lists, Dictionaries in python
- To Handle Strings and Files in Python

EXPECTED OUTCOMES

- Create your first program in Python IDLE.
- Implement OOPs concepts in your programming.
- Use Arrays, and Data structures.
- Create an application with the support of graphics in Python.
- Implement error handling.
- When students complete Intro to Programming with Python, they will be able to: Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.

Resource Person
Mr.S.Jeevan Kumar
Subject Expert
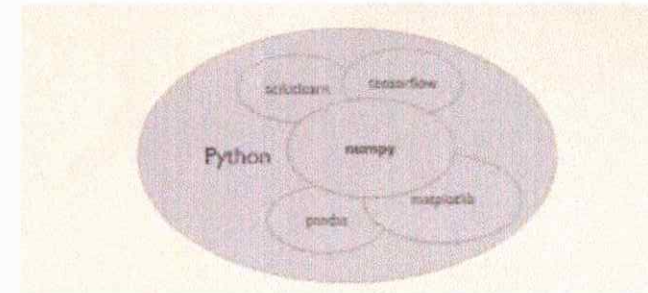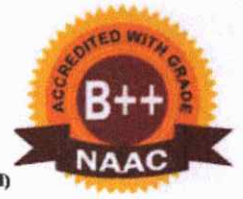**Shellex Software Solutions**
Pvt Ltd

Co-ordinator
Mr.D.Vinaykumar
Assistant Professor
Department of MECH

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

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B++
NAAC

VALUE ADDED COURSE ON

" Python Applications - Numpy and Pandas"

01st to 22nd FEB - 2021

ORGANIZED BY :
DEPARTMENT OF MECHANICAL ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **C.SAIKUMAR** Bearing Reg.No **17Q61A0302** is participated in **"PYTHON APPLICATIONS-NUMPY AND PANDAS"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'SHELLX Software Solutions Pvt.Ltd'** from **01/02/2021 to 22/02/2021.**

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (M..),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **D.VENKATESH** Bearing Reg.No

17Q65A0338 is participated in **"PYTHON APPLICATIONS-NUMPY AND**

PANDAS" course conducted at the **Avanthi Institute of Engineering &**

Technology, Gunthapally, Abdullapurmettu, Rangareddy, in Association with

'SHELLX Software Solutions Pvt.Ltd' from **01/02/2021 to 22/02/2021.**

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Md),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Md), R.R. Dist.
Gunthapally (V), Abdullapurmet

ABOUT THE COURSE

Electrical drive technology converts electrical energy from the power supply system or from a battery into mechanical energy and transmits the resulting force into motion. Many applications that make our daily lives easier like lifts, escalators, gate drives, washing machines, mixers, electric razors.

COURSE OBJECTIVES

Describe the structure of Electric Drive systems and their role in various applications such as flexible production systems, energy conservation, renewable energy, transportation etc., making Electric Drives an enabling technology.

EXPECTED OUTCOMES

Clearly learn to use space vectors presented on a physical basis to describe the operation of an ac machine. 10. Understand the basic principles of Permanent Magnet AC (Self-Synchronous AC) drives.

| Resource Person	Co-ordinator
Dr.K.Ganapathi	Miss.Raagini
Professor	Assistant Professor
Department of EEE.	Department of EEE

Students are instructed to register the given below link:

https://docs.google.com.forms/d/e/1NAHpQLSecfRJLei9PQTrwk4-
I7Xl3t35lpMNjIpy2M_Mfv92t-g5SQ/viewform

Google meet link:-https://meet.google.com/zokwhkn-jwg

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JNTU(H)
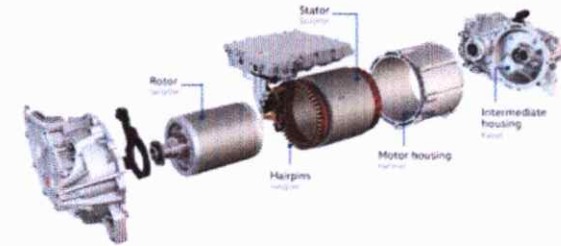
ADD-ON COURSE ON

"APPLICATION OF ELECTRIC DRIVE SYSTEMS"

14th SEP TO 19th SEP, 2020

DURATION OF THE COURSE 30 HRS

ORGANIZED BY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.RAJESH** Bearing roll number **19Q61A0202** from the

department of **EEE** completed the value added course on **"APPLICATION OF ELECTRIC**

DRIVE SYSTEM" During the year **2020-21**.

Head of The Department
Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapaily (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.GANESH** Bearing roll number **20Q65A0208** from the

department of **EEE** completed the value added course on **"APPLICATION OF ELECTRIC**

DRIVE SYSTEM" During the year **2020-21**.

Head of The Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIIi), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
Avanthi Institute of Engineering & Technolog
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

ABOUT THE COURSE

Programmable Logic Controllers (PLCs) are industrial computers, with various inputs and outputs, used to control and monitor industrial equipment based on custom programming. PLCs come in many different sizes and form factors.

COURSE OBJECTIVES

- The main objective of this course is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the PLC programming & latest technologies being used to achieve PLC Industrial Automation.
- Understand automation technologies and identify advantages, limitations and applications of the same. Develop ability to recognize, articulate and solve industrial problems using automation technologies.

EXPECTED OUTCOMES

- Understand the basics of PLC programming.
- Understand the different parameters of PLC.
- Design different process control applications through ladder logic.
- Analyze & explain different functions of PLC.
- Build and experiment with PLC based SCADA systems for various industrial applications.
- Implement HMI, distributed control system and Industry standard 4.0

Resource Person	**Co-ordinator**
Mr.Satyavardhan Rao	**Mr.B.Srikanth**
Assistant Professor	**Assistant Professor**
Department of EEE	**Department of EEE**

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

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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)
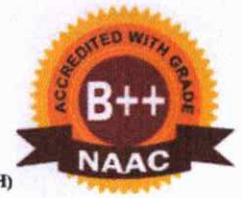
VALUE ADDED COURSE ON

"INDUSTRIAL AUTOMATION WITH PLC"

23rd to 28th NOV - 2020

ORGANIZED BY:

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.AJITHKUMAR** Bearing roll number **18Q61A0201**

from the department of **EEE** completed the value added course on **"INDUSTRY**

AUTOMATION WITH PLC" During the year **2020-21**.

Head of The Department
Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl)
Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.SAITEJA** Bearing roll number **19Q65A0204** from

the department of **EEE** completed the value added course on **"INDUSTRY AUTOMATION**

WITH PLC" During the year **2020-21**.

Head of The Department
Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), 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.
Principal
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Hybrid Electric Vehicle (HEV) courses are professional courses that teach students about the dynamics, charging, battery assembling, designing engines, interior and exterior spacing, etc. of hybrid electric vehicles . The HEV field has a great demand in the Engineering sector where students can specialize in multiple fields such as Designing, CAE, CFD, FEA Design, etc

COURSE OBJECTIVES

- Explain the basics of electric and hybrid electric vehicles, their architecture, technologies and fundamentals.
- Explain plug – in hybrid electric vehicle architecture, design and component sizing and the power electronics devices used in hybrid electric vehicles.
- Analyze various electric drives suitable for hybrid electric vehicles.
- Discuss different energy storage technologies used for hybrid electric vehicles and their control.
- Demonstrate different configurations of electric vehicles and its components, hybrid vehicle configuration by different techniques, sizing of components and design optimization and energy management.

EXPECTED OUTCOMES

- Explain the basics of electric and hybrid electric vehicles, their architecture, technologies and fundamentals.
- Analyze the use of different power electronics devices and electrical machines in hybrid electric vehicles.
- Explain the use of different energy storage devices used for hybrid electric vehicles, their technologies and control and select appropriate technology.
- Interpret working of different configurations of electric vehicles and its components, hybrid vehicle configuration, performance analysis and Energy Management strategies in HEVs.

Resource Person
Mr.E.Nageshwar rao
Subject Expert
Diplomat Electrical Pvt Lts

Co-ordinator
Mr.K.Chandra shekar
Assistant Professor
Department of EEE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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HYBRID
ELECTRIC VEHICLE
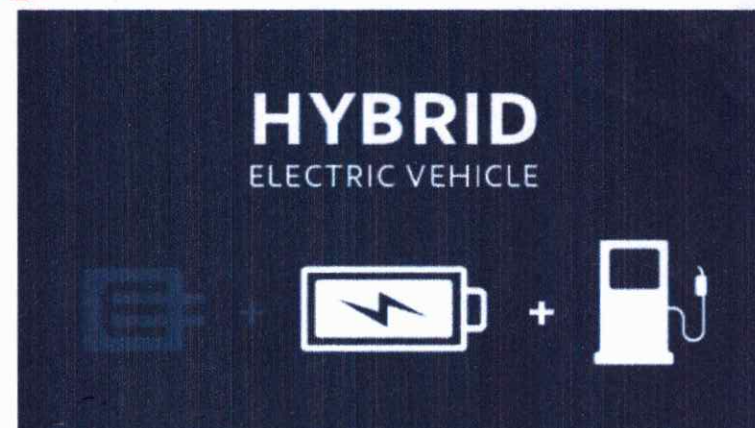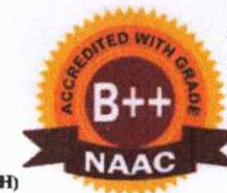
VALUE ADDED COURSE ON

"HYBRID ELECTRIC VEHICLES"

29th MAR to 05th APR - 2021

ORGANIZED BY:
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

DIPLOMAT ELECTRICALS PVT. LTD.
the Engineering People

22 / 163 - 2 , 3rd Floor, Above Tadla Eye Hospital,
Jayanagar Colony, Opp. KPHB, Kukatpally,
Hyderabad - 500 072 Andra Pradesh, India.
Tel. No. : +91 - 40 - 40064747.

E-mail : adminhyd@diplomatelectricals.com

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **M.PRANAY** Bearing Roll.No **19Q65A0226** Department of **ELECTRICAL AND ELECTRONICS ENGINEERING** from **Avanthi Institute of Engineering & Technology,**Gunthapally,Abdullapurmettu,Rangareddy has participated in **"HYBRID ELECTRIC VEHICLES"** Organized by '**Diplomat Electricals pvt. Ltd.**' During dates **29/03/2021** to **05/04/2021**.

Sd/-
Authorized Signatory
M/s **Diplomat Electricals Pvt. Ltd**

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Mat (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

DIPLOMAT ELECTRICALS PVT. LTD.
the Engineering People

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Jayanagar Colony, Opp. KPHB, Kukatpally,
Hyderabad - 500 072 Andra Pradesh, India.
Tel. No. : +91 - 40 – 40064747.

E-mail : adminhyd@diplomatelectricals.com

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **S.RAJESHWARI** Bearing Roll.No **19Q61D0714** Department of

ELECTRICAL AND ELECTRONICS ENGINEERING from **Avanthi Institute of**

Engineering & Technology,Gunthapally,Abdullapurmettu,Rangareddy has participated in

"**HYBRID ELECTRIC VEHICLES**" Organized by '**Diplomat Electricals pvt. Ltd.**' During

dates **29/03/2021** to **05/04/2021**.

Sd/-
Authorized Signatory
M/s **Diplomat Electricals Pvt. Ltd**

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (RRD),
Ranga Ready District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Courses cover the energy storage landscape (trends, types and applications), essential elements (components, sizing), technical and project risks, and the energy storage market. Additionally, we can provide combined courses covering wind, solar and/or grid-connection as well.

COURSE OBJECTIVES

- To provide a foundation for understanding the general principles and fundamentals of Li-Ion battery technology design and operation.
- To understand the expectancy of the hydrogen as a fuel and energy vector in the context of the renewable energy without CO2.
- To learn basic electrochemical principles of the hydrogen fuel cells, basic fuel cell design concepts, fuel cell systems concepts.

EXPECTED OUTCOMES

- State the various parts of the battery and their functions.
- Describe the discharging and charging process of a lithium-ion battery.
- Describe the components of a fuel cell and explain the purpose of each one.
- Explain and analyze dynamic fuel cell behavior.
- Understand - how fuel cells are used for everyday purposes: road, water and air transport vehicles, portable and stationary use.

Resource Person
Mr.G.Mohan
Subject Expert
Green Life Energy
Solutions LLP

Co-ordinator
Mr.M.Shankar
Assistant Professor
Department of EEE

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

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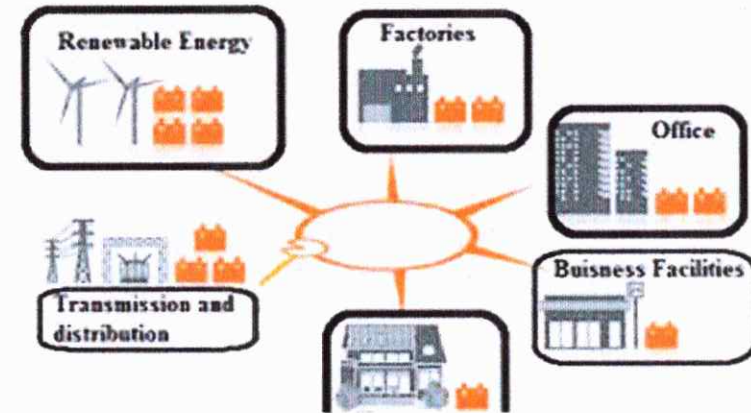
VALUE ADDED COURSE ON

"ENERGY STORAGE SYSTEM"

03rd to 10th MAY - 2021

ORGANIZED BY:

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Greenlife Energy Solutions LLP

First Floor, 34/3, Lalitha Nagar Colony,
West Maredpally, Secunderabad - 500015
Cell: +91-889 707 5990 | +91-984 9678 080

Email: info@gles.in | mkt@gles.in

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.MANIKANTA** Bearing Reg.No

20Q65A0239 is participated in **"ENERGY STORAGE SYSTEM"** course conducted at

the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu,

Rangareddy, in Association with **'Greenlife Energy Solutions LLP'** from **03/05/2021 to**

10/05/2021.

Sd/-

Authorised Signatory

M/s GREEN LIFE ENERGY SOLUTIONS LLP

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.ISMAIL** Bearing Reg.No **20Q61D0712** is participated in **"ENERGY STORAGE SYSTEM"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with 'Greenlife Energy Solutions LLP' from **03/05/2021 to 10/05/2021.**

Sd/-

Authorised Signatory
M/s GREEN LIFE ENERGY SOLUTIONS LLP

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Pandas has powerful tools like Series, DataFrame etc. NumPy has a powerful tool like Arrays. Pandas is used in popular organizations like Instacart, SendGrid, and Sighten. NumPy is used in the popular organization like SweepSouth.

COURSE OBJECTIVES

- To install and run the Python interpreter
- To learn control structures.
- To Understand Lists, Dictionaries in python
- To Handle Strings and Files in Python

EXPECTED OUTCOMES

- Create your first program in Python IDLE.
- Implement OOPs concepts in your programming.
- Use Arrays, and Data structures.
- Create an application with the support of graphics in Python.
- Implement error handling.
- When students complete Intro to Programming with Python, they will be able to: Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.

Resource Person
Mr.S.Jeevan Kumar
Subject Expert
Shellex Software Solutions Pvt Ltd

Co-ordinator
Mr.G.Omsuraj
Assistant Professor
Department of EEE

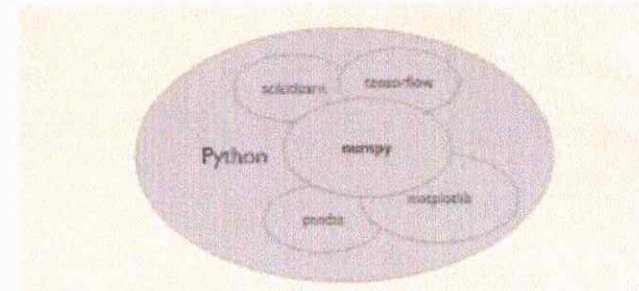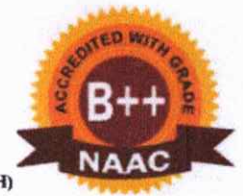Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-eibyzi

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VALUE ADDED COURSE ON

" Python Applications - Numpy and Pandas"

01st to 22nd FEB - 2021

ORGANIZED BY:
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.DINESH** Bearing Reg.No **17Q61A0201**

is participated in **"PYTHON APPLICATIONS-NUMPY AND PANDAS"**

course conducted at the **Avanthi Institute of Engineering & Technology,**

Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'SHELLX**

Software Solutions Pvt.Ltd' from **01/02/2021 to 22/02/2021.**

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (M..),
Ranga Reddy District.

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

SHELLX
Software Solutions Pvt. Ltd.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **N.YASHWANTH** Bearing Reg.No **18Q65A0227** is participated in **"PYTHON APPLICATIONS-NUMPY AND PANDAS"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmettu, Rangareddy, in Association with **'SHELLX Software Solutions Pvt.Ltd'** from **01/02/2021 to 22/02/2021.**

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

anthi Insti................Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

ABOUT THE COURSE

A Geographical Information System (GIS) is a system for capturing, storing, analyzing and managing data and associated attributes, which are spatially referenced to the Earth. The geographical information system is also called as a geographic information system or geospatial information system.

COURSE OBJECTIVES

- Introduce basic concepts in GIS
- Provide exposure to basic tools and techniques in GIS software
- Introduce applications of GIS in relevant areas.

EXPECTED OUTCOMES

- Know the basic concepts in GIS
- Work with basic tools in GIS software
- Understand and manage spatial information
- Apply GIS tools and techniques in related applications

Resource Person
Mr.B.Balaji
Assistant Professor
Department of H&S

Co-ordinator
Mr.CH.Trinath Mohan
Assistant Professor

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@LSfaklewqr6gqRefkig
gJz3wbKtECF6ONOUD7J3hFN8DFmElG/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-htklmt-vlm-sHWQwuu

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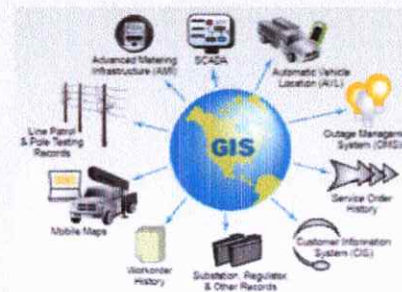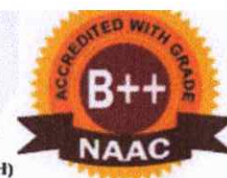
VALUE ADDED COURSE ON

"GEOGRAPHICAL INFORMATION SYSTEM"

01st FEB to 06th FEB,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.VAMSHI** Bearing roll number **20Q61A0502** from the department of **Basic Sciences and Humanities** completed the value added course on **"GEOGRAPHICAL INFORMATION SYSTEM"** During the year **2020-2021**.

Head of The Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.ADARSH** Bearing roll number **20Q61A0528** from the

department of **Basic Sciences and Humanities** completed the value added course on

"GEOGRAPHICAL INFORMATION SYSTEM" During the year **2020-2021**.

Head of the Department
Head of The Department
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Co-Ordinator (Mdl),
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Archaeological chemistry is a subject of great importance to the study and methodology of archaeology. This comprehensive text covers the subject with a full range of case studies, materials, and research methods. With twenty years of experience teaching the subject, the authors offer straightforward coverage of archaeological chemistry, a subject that can be intimidating for many archaeologists who do not already have a background in the hard sciences. With clear explanations and informative illustrations, the authors have created a highly approachable text, which will help readers overcome that intimidation. Topics covered included: Materials (rock, pottery, bone, charcoal, soils, metals, and others), Instruments (microscopes, NAA, spectrometers, mass spectrometers, GC/MS, XRF & XRD, Case Studies (Provinience, Sediments, Diet Reconstruction, Past Human Movement, Organic Residues). The detailed coverage and clear language will make this useful as an introduction to the study of archaeological chemistry, as well as a useful resource for years after that introduction.

COURSE OBJECTIVES

Archaeological chemistry is a subfield of archaeometry and involves the investigation of the inorganic and organic composition – elements and isotopes, molecules and compounds – of archaeological materials. Archaeological chemistry is primarily concerned with two main objectives: (1) characterization – measuring the chemical composition of a variety of prehistoric materials, and (2) identification – determining the original material of an unknown item1. The goals and history of archaeological science, and the place of chemistry within it, are briefly described in an archaeological chemistry course. The most widely used analytical techniques in archaeology are set out and compared in the light of relevant applications

EXPECTED OUTCOMES

Students would learn about the use of physicochemical instrumentation in solving archaeological problems, including (but not limited to) optical emission spectroscopy, atomic absorption spectrometry, inductively coupled plasma emission spectrometry, mass spectroscopy, X-ray fluorescence spectrometry, analytical electron microscopy, proton-induced X-ray emission spectroscopy, neutron activation analysis, infrared and Raman spectroscopy, and various chromatographic techniques

Resource Person	Co-ordinator
Mr.P.Venkatswamy	Mrs.D.Srilakshmi
Assistant Professor	Assistant Professor
Department of H&S	Department of H&S

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@LSfaAMKKLKLK6gqSCGCE4gJz3wbKtECF6ONOUD7J3hFN8DFmElG/viewform

Class starts from 22-02-2021 to 27-02-2021,10:00 AM to 04:00 PM

Google Meet Link: https://meet.google.com/www-bmcp-ggii

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INSTITUTE OF ENGINEERING & TECHNOLOGY
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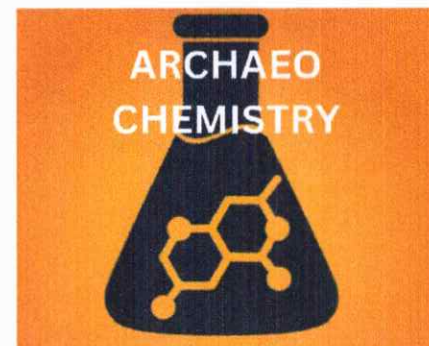
ARCHAEO CHEMISTRY

VALUE ADDED COURSE ON
"ARCHAEO CHEMISTRY"

22nd FEB to 27th FEB,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Mdl), R.R Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.VITTAL** Bearing roll number **20Q61A0536** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ARCHAEO CHEMISTRY" During the year **2020-2021**.

Head of The Department
ad of the Department
umanities & Sciences
Institute of Engineering & Technology
apally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
vanthi Institute of Engineering & Technolo
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.
Principal

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.ANUJA** Bearing roll number **20Q61A0570** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ARCHAEO CHEMISTRY" During the year **2020-2021**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

COURSE MODULE

Module 1: Preliminary Concepts: Reasons for studying concepts of programming languages, programming domains, language evaluation criteria, influences on language design. language categories, language design trade-offs. Implementation methods, programming environments.

Module- II: Names, Bindings, and Scopes: Introduction, names, variables, concept of binding. scope, scope and lifetime, referencing environments, named constants.

Module- III: General semantics of calls and returns implementing simple subprograms, implementing subprograms with stack-dynamic local variables nested subprograms, blocks, Implementing dynamic scoping

Module-IV: Object Oriented Programming Design issues for OOP. OOP in Smalltalk Cr, Java, Ada 95, Ruby, Implementation of Object-Oriented constructs.

Module- V: Pragmatics, Key Concepts. Case Study Python-Values and Types, Variables Storage and Control, Bindings and Scope Procedure Abstraction, Data Abstraction.

COURSE OBJECTIVE

1. To Design the various programming paradigms.
2. To understand the evolution of programming languages.
3. To understand the concepts of C languages, functional languages, logical and scripting languages
4. To understand the principles and Technique involved in design and implement of modern programming languages.
5. To introduce the notations to describe the syntax and semantics of Programming languages.

EXECPTED OUTCOME

At the end of the course, students will have the ability to:

- Understand basics of LISP and installation.
- Implement the structure and components of a LISP program.
- Interpret how to write and implement functions in program.
- Create programs involving arrays and strings.
- Develop programs related to file operations.

Resource Person
Dr.M.Prasad Rao
Assistant Professor
Department of CSE.

Co-ordinator :
Mr.N.Ramesh
Assistant Professor
Department of H&S

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIpQLSeeQux48PqpeXricGE72AHkrpvwLxi3nL6uLJOIEX2ADIdlntyg/viewform

Google Meet Link:
https://meet.google.com/vat-xmecgh-ksi

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B++
NAAC

ADD-ON COURSE ON

"LISP PROGRAMMING LANGUAG

15th TO 20th MAR,2021

Duration of the course:36 Hrs

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

Class starts from 15-03-2021 to 20-03-2021,09:30AM TO 04:00PM

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.BHANU PRASAD** Bearing roll number **20Q61A0201**

from the department of **Basic Sciences and Humanities** completed the value added course

on **"LISP PROGRAMMING LANGUAGE"** During the year **2020-2021**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
Avanthi Inst... ...Co-Ordinator... Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in   email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.AKHILA** Bearing roll number **20Q61A6706** from the

department of **Basic Sciences and Humanities** completed the value added course on

"LISP PROGRAMMING LANGUAGE" During the year **2020-2021**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
thapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

This course presents an introduction to the biological basis of behaviour. We will introduce topics relevant to behaviour in the normal and abnormal states beginning with sensory perception, attention, movement, emotion and language with experimental examples from our lab and clinical studies\research illustrating the effects of impaired brain function. We will begin an introduction of topics such as: How do neurons change? How does plasticity occur in the brain? Can music and dance help brain function? What is neurorehabilitation ?

COURSE OBJECTIVES

The Biological Basis of Behavior course is an introduction to the biological basis of behavior. The course objectives vary depending on the institution offering the course, but some common objectives include:
Understanding the structure and function of the nervous system in human and nonhuman animals.
Understanding the structure and function of the endocrine system.
Understanding the interaction between biological factors and experience.
Understanding methods and issues related to biological advances.
Introduction to the brain's input and output relationships.
Understanding how sensory information is processed in our brain.
Understanding how motor functions are accomplished

EXPECTED OUTCOMES

The Biological Basis of Behavior course is an introduction to the anatomical structures and physiological processes that determine behavior. The course aims to provide students with a solid understanding of the principles and techniques used in this field, and to enable them to apply their knowledge to the analysis of behavior and its underlying biological mechanisms.
Some common learning outcomes for a Biological Basis of Behavior course may include:
Understanding the basic functioning of the nervous system
The ability to use scientifically valid resources to communicate effectively about the biological basis of behavior1.
Knowledge of the acquisition and processing of sensory information, the neural control of movement, and the biological bases of complex behaviors

Resource Person
Mr.E.Ravi
Assistant Professor
Department of H&S

Co-ordinator
Mr.B.Balaji
Assistant Professor
Department of H&S

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAIp@L SfaUMOAMWK6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform
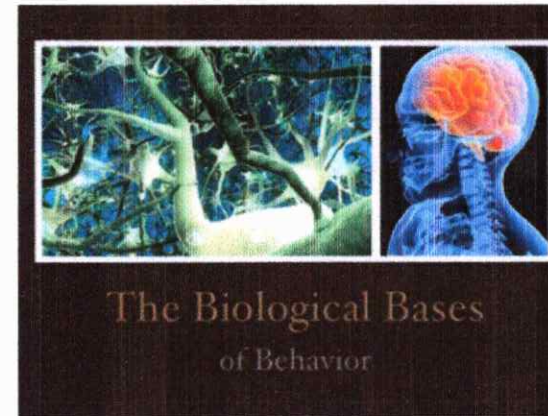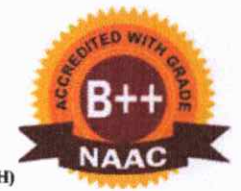
Class starts from 10-05-2021 to 15-05-2021,10:00AM TO 04:00PM

Google Meet Link: https://meet.google.com/vqt-xvoh-ksi

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The Biological Bases of Behavior

VALUE ADDED COURSE ON

"BIOLOGICAL BASIS OF BEHAVIOUR"

10th MAY to 15th MAY ,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PRINCIPAL
Avanthi Institute of Engg & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R.

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.RAJESH GUPTA** Bearing roll number **20Q61A0571**

from the department of **Basic Sciences and Humanities** completed the value added course

on **"BIOLOGICAL BASIS OF BEHAVIOUR"** During the year **2020-2021**.

Head of The Department

Head of the Department
Humanities & Sciences
vanthi Institute of Engineering & Technology
thapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

anthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
vanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.NAVYA** Bearing roll number **20Q61A0599** from the

department of **Basic Sciences and Humanities** completed the value added course on

"BIOLOGICAL BASIS OF BEHAVIOUR" During the year **2020-2021**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

CO-ORDINATOR
Avanthi Institute of Engineering & Technolog
Co-Ordinator
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Plant tissue and cell culture describes the sterile growth and multiplication of plant cells, tissues, and organs in vitro. Plant cells cultured with nutrient media in an artificial environment can be clonally propagated at scale, to more quickly produce mature and disease-free plants.

COURSE OBJECTIVES

- Understand the current developments in the field of Biotechnology.
- Equip the students to carry out plant tissue culture.

EXPECTED OUTCOMES

By the end of this course, students will be able to:
- Understand the basic concepts in plant tissue culture
- Discuss the process involved in micro propagation
- Analyze the practical use of tissue culture in life.

Resource Person	Co-ordinator
Dr.K.Shailaja	Mrs.K.Swapna
Professor	Assistant Professor
Department of H&S	Department of H&S

Students are instructed to register the given below link:
htps://docs.google.com/forms/d/e/1FAlp@LSfaklewqr6gqqpytedkhg-gJz3wbKtECF6ONOUD7J3hFN8DFmElG/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-htklmt-vlm-sq-ifeauj

Class starts from 24-05-2021 to 29-05-2021,10:00 AM to 04:00 PM

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NAAC
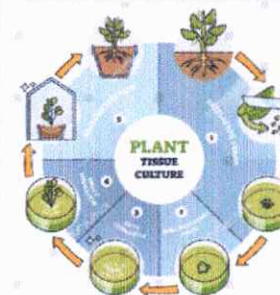
VALUE ADDED COURSE ON

"PLANT TISSUE CULTURE"

24th MAY to 29th MAY,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.PUSHPALATHA** Bearing roll number **20Q61A6601** from

the department of **Basic Sciences and Humanities** completed the value added course on

"PLANT TISSUE CULTURE" During the year **2020-2021**.

Head of The Department

Co-Ordinator

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

Head of the Department
Humanities & Sciences
Institute of Engineering & Technology
(VIII), Abdullapur Met (Mdl),
Reddy District.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **V.RAMU** Bearing roll number **20Q61A6632** from the department of **Basic Sciences and Humanities** completed the value added course on **"PLANT TISSUE CULTURE"** During the year **2020-2021**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engine. ing & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V)
Co-Ordinator (Mdl)
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist,

ABOUT THE COURSE

Computer vision is the field of study that enables computers to see and understand the visual world. It is one of the most exciting and rapidly evolving areas of artificial intelligence, with applications ranging from face recognition and biometrics to self-driving cars and augmented reality.

COURSE OBJECTIVES

- To introduce students the fundamentals of image formation.
- To introduce students the major ideas, methods, and techniques of computer vision and pattern recognition.
- To develop an appreciation for various issues in the design of computer vision and object recognition systems.
- To provide the student with programming experience from implementing computer vision and object recognition applications

EXPECTED OUTCOMES

By the end of this course, students will be able to:

- Describe how mathematical and scientific concepts are applied in computer vision.
- Identify and interpret appropriate sources of information relating to computer vision.
- Apply knowledge of computer vision to real life scenarios.
- Reflect on the relevance of current and future computer vision applications.
- Discuss principles of computer vision using appropriate language and terminology.

Resource Person	**Co-ordinator**
Mr.G.Ramakrishna	**Mr.Sathyanarayana Chary**
Assistant Professor	**Assistant Professor**
Department of CSE	**Department of H&S**

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@LSfaklewqr6gqSCGCE4gJz3wbKtECF6ONOUD7J3hFN8DFmElG/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-htklmt-vlm-sqew

Class starts from 14-06-2021 to 19-06-2021,10:00 AM to 04:00 PM

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Features of COMPUTER: Speed, Diligence, Reliability, Automation, Versatility, Memory, Accuracy
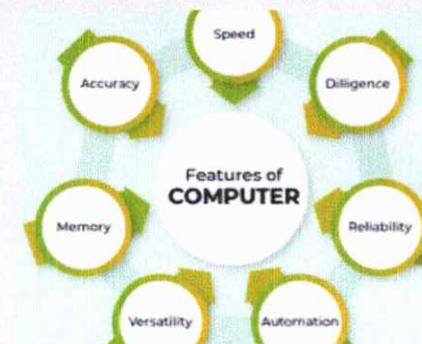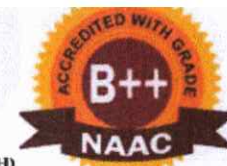
VALUE ADDED COURSE ON

"FUNDAMENTAL AND APPLICATIONS IN COMPUTER VISION"

14th JUNE to 19th JUNE,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.MOUNIKA** Bearing roll number **20Q61A0401** from the department of **Basic Sciences and Humanities** completed the value added course on **"FUNDAMENTAL AND APPLICATIONS IN COMPUTER VISION"** During the year **2020-2021**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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www.aictg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SUVARNA** Bearing roll number **20Q61A0427** from the

department of **Basic Sciences and Humanities** completed the value added course on

"FUNDAMENTAL AND APPLICATIONS IN COMPUTER VISION" During the year

2020-2021.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
nthi Instit... ...ng Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Basic reading skills include the ability to identify and manipulate individual sounds in language; to identify printed letters and their associated sounds; to decode written language. Phonics is a set of rules that specify the relationship between letters in the spelling of words and the sounds of spoken language.

COURSE OBJECTIVES

- The process of Reading skills phonics, phonemic awareness vocabulary, reading comprehension and fluency.
- These five aspects work together to create the reading experience.
- As children learn to read they must develop skills in all five of these areas in order to become successful readers.

EXPECTED OUTCOMES

- Follow words from left to right, top to bottom and page to page.
- Name all the upper and lower case letters.
- Recognize rhyming words.
- Count, say, blend and break apart words that are spoken.
- Identify the front cover, back cover and title of a book.

Resource Person
Mrs.Adeebunissa Begum
Assistant Professor
Department of H&S

Co-ordinator
Mr.M.Anthony
Assistant Professor
Department of H&S

Students are instructed to register the given below link:
https://docs.google.com/forms/d/e/1FAlp@L ledsqpyECs6gqSCGCE4 gJz3wbKtECF6ONOUD7J3hGN8CEmWLg/viewform

Google Meet Link: https://meet.google.com/vat-xvoh-kll-jewq

Class starts from 12-07- 2021 to 17-07-2021   10:00 AM TO 04:00 PM

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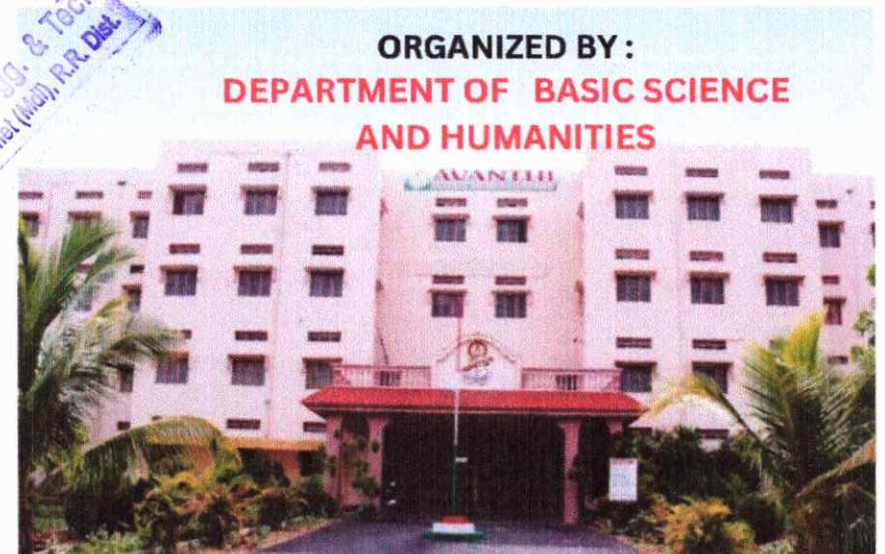Approved by AICTE,Recgd by Govt.of TS and Affiliated to JNTU(H)

NAAC B++

ADD-ON COURSE ON

"READING SKILLS "

12th JULY TO 17th JULY,2021

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF   BASIC SCIENCE AND HUMANITIES

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **T.GAYATHRI** Bearing roll number **20Q61A0429** from the department of **Basic Sciences and Humanities** completed the value added course on **"READING SKILLS"** During the year   **2020-2021**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (M)
...

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.NAVYA** Bearing roll number **20Q61A0456** from the

department of **Basic Sciences and Humanities** completed the value added course on

"READING SKILLS" During the year   **2020-2021**.

Head of The Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
vanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Business statistics is the application of statistics to analyze business data. Companies use business stats for forecasting, testing correlations, and describing data. A career in business statistics can be a good choice for people with strong math skills.

COURSE OBJECTIVES

- Distinguish among different scales of measurement and their implications for solving problems
- Create tables and graphs to format, organize, and interpret data; summarize and present data
- Calculate and analyze numerical descriptive measures for a given data set
- Apply concepts of sample space and probability to solving problems
- Calculate measures of central tendency and variation; use statistical software to analyze results
- Identify methods of obtaining data and identify the advantages and disadvantages of each as applied to solving problems 8. Calculate the mean and variance of a discrete distribution
- Distinguish between sample and population distributions, analyze the role played by the central limit theorem, and apply the central limit theorem to calculate standard error and determine the sampling distributions

EXPECTED OUTCOMES

After completion of the course, learners would be able to:
- To summarize and analyze statistical data to solve practical business related problems.
- To interpret the relevance of statistical findings for business problem solving and decision making.
- To apply technology to statistical analysis and problem solving.

Resource Person
Mr.A.Srikanth
Subject Expert
Asset Integrated Info
System

Co-ordinator
Mr.A.Naresh
Assistant Professor
Department of MBA

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSdTpl_cdMhGnKMedNm-ZsRb-58Hfrqm%20RIxynZDWw5Ajw/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-htklmt-klm

Class starts from 26.10.2020 to 31.10.2020 at 10AM - 4 PM.

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B++
NAAC
ACCREDITED WITH GRADE

Business Statistics

ADD-ON COURSE ON

"BUSINESS STATISTICS"

26th OCT TO 31st OCT,2020

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Asset

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **A.PRATHYUSHA** Bearing Roll.No **19Q61E0001**,Department of **MASTER OF BUSINESS ADMINISTRATION** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in "**BUSINESS STATISTICS**" Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **26/10/2020** to **31/10/2020**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmiet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS

#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080. Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurm

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **P.TEJASWINI** Bearing Roll.No **19Q61E0029**,Department of **MASTER OF BUSINESS ADMINISTRATION** from **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmettu,Rangareddy has participated in **"BUSINESS STATISTICS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **26/10/2020** to **31/10/2020**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS

#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080, Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet, R.R. Dist

ABOUT THE COURSE

Personnel administration is that part of administration which is concerned with people at work and with their relationships within an organisation. It refers to the entire spectrum of an organisation's interaction with its human resources from recruitment activity to retirement process.Time management is the process of planning and controlling how much time to spend on specific activities. Good time management enables an individual to complete more in a shorter period of time, lowers stress, and leads to career success.

COURSE OBJECTIVES

- Prioritize, Plan and arrange daily activities in a productive way
- Learn techniques to overcome procrastination
- Organize your work station and workflow to make better use of time
- Efficiently Delegate tasks
- Coordinate business meetings more effectively
- Identify the 'time stealers' and handle them appropriately
- Learn the scheduling, planning and prioritizing skills.

EXPECTED OUTCOMES

After completion of the course, learners would be able to:
- The benefits of managing time are simple.
- Good time management allows you to accomplish bigger results in a shorter period
- Which leads to more time freedom, helps you focus better, allows you
- To be more productive, lowers your stress and gives you more time
- To spend with the people that matter most.

Resource Person	Co-ordinator
Mrs.B.Nayeema	Mrs.G.Yesumani
Assistant Professor	Assistant Professor
Department of MBA	Department of MBA

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSdTpl_cdMhGnYQVONjedNm-ZsRb-58Hfrqm%20RIxynZDWw5Ajw/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-htt-klm

Class starts from 16.11.2020 to 21.11.2020 at 10AM - 4 PM.

ADD-ON COURSE ON

"PERSONAL ADMINISTRATION AND TIME MANAGEMENT"

16th NOV TO 21st NOV,2020

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **P.SIVA SANKAR** Bearing roll number **19Q61E0055** from the

department of **Master of Business and Administration** completed the value added course on

"PERSONAL ADMINISTRATION & TIME MANAGEMENT" During the year **2020-21**.

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology.
Gunthapally (Vill), Abdullapurmet (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
Principal
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 **G.NAVEEN** Bearing roll number **19Q61E00D3** from the department

of **Master of Business and Administration** completed the value added course on **"PERSONAL**

ADMINISTRATION & TIME MANAGEMENT" During the year **2020-21**.

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.
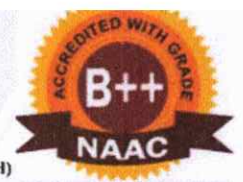
Co-Ordinator

CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL

Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

R analytics (or R programming language) is a free, open-source software used for all kinds of data science, statistics, and visualization projects. R programming language is powerful, versatile, AND able to be integrated into BI platforms like Sisense, to help you get the most out of business-critical data.

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

EXPECTED OUTCOMES

After completion of the course, learners would be able to:

- Explain critical R programming concepts
- Demonstrate how to install and configure R Studio
- Apply OOP concepts in R programming
- Explain the use of data structure and loop functions
- Analyze data and generate reports based on the data
- Apply various concepts to write programs in R

Resource Person	**Co-ordinator**
Dr.M.Srikumar	**Mr.Asharaf Hussain**
Associate Professor	**Assistant Professor**
Department of MBA	**Department of MBA**

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSdTpI_cdMhGnYQVONjedNm-ZsRbmnadeIk41-43zBw0m%20RIUGGWw5Ajw/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fquimfdlzoqj

Class starts from 01.02.2021 to 06.02.2021 at 10AM - 4 PM.

AVANTHI

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Approved by AICTE, Recgd by Govt.of TS and Affiliated to JNTU(H)
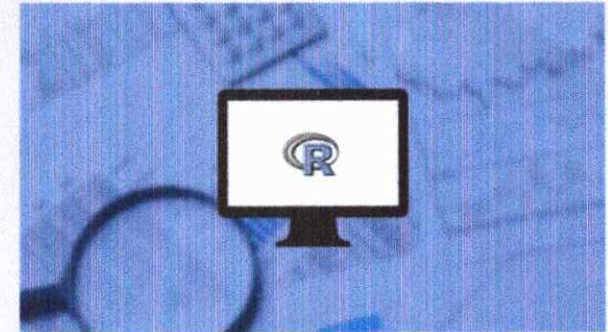
ADD-ON COURSE ON

"BUSINESS ANALYTICS WITH R PROGRAMMING"

01st FEB TO 06th FEB,2021

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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 **K.ANUSHA** Bearing roll number **20Q61E0028** from the department

of **Master of Business and Administration** completed the value added course on **"BUSINESS**

ANALYTICS WITH R PROGRAMMING" During the year **2020-21.**

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator

CO-ORDINATOR
Avanthi Institute of Engineering & Technolog
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL

Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist

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www.aictg.ac.in email: principal.avanthi@gmail.com

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 **"BUSINESS**

ANALYTICS WITH R PROGRAMMING" During the year **2020-21.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Co-Ordinator Met (Mdl),
Gunthapally (V), Abdullapurmet Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

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People management is defined as a set of practices that encompass the end-to-end processes of talent acquisition, talent optimization, and talent retention while providing continued support for the business and guidance for the employees of an organization.

COURSE OBJECTIVES

- Describe and implement different theories and philosophies to manage people at work
- Understand how individuals and teams work in an organization
- Examine individuals' personality and behaviors to resulting in better management of people
- Apply different techniques and strategies to improve people management in organizations
- Harness the team's ability to improve the performance
- Motivate people to improve their overall performance
- Coach and inspire employees effectively
- Resolve and manage conflicts quickly
- Understand the cultural differences and nullify it's negative impacts

EXPECTED OUTCOMES

After completion of the course, learners would be able to:

- Understand what is meant by management and managerial effectiveness
- Identify the roles which are fulfilled while working as a manager
- Identify managerial activities that contribute to managerial effectiveness
- Identify a cause of stress in managerial life from a range covering mismatches between capabilities and role, player-manager tension and everyday stressor
- Understand time pressures and the need for time management.

ADD-ON COURSE ON

"PEOPLE MANAGEMENT"

12th APR TO 17th APR,2021

DURATION OF THE COURSE 30 HRS

ORGANIZED BY :

Resource Person	Co-ordinator
Mr.N.Ramana Reddy	Mr.A.Kalyan
Assistant Professor	Assistant Professor
Department of MBA	Department of MBA

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Students are instructed to register the given below link:

https://docs.google.com/forms/d/e/1FAIpQLSdTpl_cdMhGnYQVONjedNm-ZsRb-58Hfrqm%20RIUGGWw5Ajw/viewform

Google Meet Link: https://meet.google.com/www.bmcp-Ckg-fhiuf-hsat

Class starts from 12.04.2021 to 17.04.2021 at 10AM - 4 PM.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 **B.PALLAVI** Bearing roll number **20Q61E00F0** from the department

of **Master of Business and Administration** completed the value added course on **"PEOPLE**

MANAGEMENT" During the year **2020-21**.

Head of The Department

Co-Ordinator
Avanthi Institute of Engineering & Technolog
Gunthapally (V), Abdullapur Met (Mdl)
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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

"PEOPLE MANAGEMENT" During the year **2020-21.**

Head of The Department

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (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
Principal
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

ABOUT THE COURSE

Campus Recruitment Training Program is a comprehensive training module of 45 Hours, which runs for Third Year engineering students. Campus Recruitment Training Program comprises preparation of aptitude exam for initial screening round of companies, Resume Writing, Group Discussions and Personal Interviews etc

COURSE OBJECTIVES

- Soft skills include good work ethics, sound and positive attitude, eagerness/curiosity to learn, cultural
- Sensitivity, fine business manners and values including effective communication skills.
- After Completing the course students will be able to present them in effective and attractive manner.

EXPECTED OUTCOMES

- Deal with nerves and think more positively about public speaking
- Consider ways of grabbing the listener's attention, holding their interest, and concluding strongly
- Use body language and tone of voice to enhance their presentations.
- Use slides and visual aids effectively.

Resource Person
Mr.G.Murali
Technical Trainer
COIGN Consultants Pvt Ltd

Co-ordinator
Mrs.V.Sravanthi
Assistant Professor
Department of CSE

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VALUE ADDED COURSE ON

"CRT-APTITUDE"

22nd JULY to 07th AUG,2019

DURATION OF THE COURSE 45HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.RAMADEVI** Bearing Reg.No **16Q65A0318** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **COIGN** from **22/07/2019** to **07/08/2019**.

COIGN Consultants Pvt.Ltd

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.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **V.RAJASHEKAR** Bearing Reg.No **16Q61A0337** is participated in "**CRT/APTITUDE**"

course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association

with **COIGN** from **22/07/2019** to **07/08/2019**.

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Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.SUMANTH** Bearing Reg.No **16Q61A0201** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with COIGN from **22/07/2019** to **07/08/2019**.

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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **T.AJAY** Bearing Reg.No **19Q61D5809** is participated in "**CRT/APTITUDE**" course

conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with

COIGN from **22/07/2019** to **07/08/2019**.

COIGN Consultants Pvt.Ltd

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.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.SRAVAN KUMAR** Bearing Reg.No **19Q61D0716** is participated in "**CRT/APTITUDE**"

course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association

with **COIGN** from **22/07/2019** to **07/08/2019**.

COIGN Consultants Pvt.Ltd

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.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SAI KARTHIK** Bearing Reg.No **16Q61A0301** is participated in "CRT/APTITUDE"

course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association

with **COIGN** from **22/07/2019** to **07/08/2019**.

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CO-ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.TRIVENI** Bearing Reg.No **16Q61A0502** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **COIGN** from **22/07/2019** to **07/08/2019**.

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CO ORDINATOR
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Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **D.OMPRASAD** Bearing Reg.No **16Q61A0515** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **COIGN** from **22/07/2019** to **07/08/2019**.

COIGN Consultants Pvt.Ltd

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.

ABOUT THE COURSE

The Four Skills to Master For both native speakers and ESOL speakers, strong communication in English involves four modes: reading, writing, speaking, and listening. Different people have naturally differing aptitudes for these skills

COURSE OBJECTIVES

To facilitate computer-aided multi-media instruction enabling individualized and independent language learning
➢ To sensitize the students to the nuances of English speech sounds, word accent, intonation and rhythm
➢ To bring about a consistent accent and intelligibility in their pronunciation, ample speaking
opportunities are provided.
➢ To improve the fluency in spoken English and neutralize mother tongue influence
➢ To train students to use language appropriately for interviews, group discussions and public speaking

EXPECTED OUTCOMES

- Learning with precision through computer-assisted individualized and independent language learning to work independently in engineering set up.
- Improved conversational reception and articulation techniques in the course of repetitive
- instruction thereby gaining confidence both in institutional and professional environment.
- Accuracy in pronunciation and restoring Standard English thereby crafting better command in English language so that the students have a cutting edge over others in society.
- Imbibing appropriate use of language in situations to work as an individual and as o leader in diverse teams

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

Resource Person	Co-ordinator
Mrs.Addebunissa Begum	Mr.CH.Vinod Kumar
Assistant Professor	Assistant Professor
Department of H&S	Department of ECE

AVANTHI

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Communication Skills

VALUE ADDED COURSE ON

"ENGLISH COMMUNICATION SKILLS"

22nd-27th JULY, 2019

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.RAVITEJA REDDY** Bearing roll number **16Q61A0402** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of The Department

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **G.MANASA** Bearing roll number **16Q61A0431** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Mat (Mdl),
Ranga Reddy District,

Head of The Department

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Co-Ordinator

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.SAIKUMAR** Bearing roll number **16Q61A0467** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of The Department

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

CO ORDINATOR
Avanthi Institute of Engineering & Technol.
Gunthapally, **Co-Ordinator** et (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Principal
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **CH.RAMANA REDDY** Bearing roll number **16Q61A04A6** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of the Department

Head of The Department,

Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

CO-ORDINATOR

Co-Ordinator

Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL

Principal

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.ABHISHEK** Bearing roll number **18Q61D5714** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of the Department
Electronics & Communication Engineering
Avanthi **Head of The Department** ogy
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

CO ORDINATOR
thi Institute of Engineering & Technology
Gunthapally **Co-Ordinator** (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Electronics and Communication Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.MANOJ GOUD** Bearing roll number **17Q65A0416** from the department of **ECE** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2019-20**.

Head of The Department

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO-ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

C is a middle-level language as it binds the bridges between machine-level and high-level languages. Java is a high-level language as the translation of Java code takes place into machine language, using a compiler or interpreter. Compilation and Interpretation. C is only compiled and not interpreted.

COURSE OBJECTIVES

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design techniques

EXPECTED OUTCOMES

After successful completion of the course, the students are able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Design event driven GUI and web related applications which mimic the real word scenarios.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gudihapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person
Mr.V.Ajith Kumar
Subject Expert
Conscience Technologies

Co-ordinator
Mr.G.Santhosh
Assistant Professor
Department of ECE

VALUE ADDED COURSE ON

"C AND JAVA"

29th JULY to 03rd AUG, 2019

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
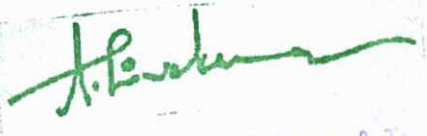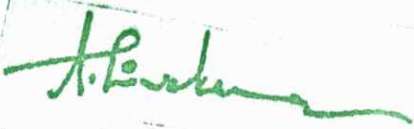
CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **V.SRILAXMI** BEARING REG.NO **17Q65A0430** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH 'CONSCIENCE TECHNOLOGIES' FROM 29/07/2019 TO 03/08/2019.

Academic Director
CONSCIENCE TECHNOLOGIES

Avanthi Institute of Engg. & Tec
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ABOUT THE COURSE

MATLAB, which stands for MATrix LABoratory, is a high-level programming language and interactive environment developed by MathWorks. It's used for numerical computation, visualization, and programming

By the end of the course, you should be able to use MATLAB for problem-solving in science and engineering, where mathematical expressions are used extensively. You should also be able to create your own scripts and functions to automate your work.

COURSE OBJECTIVES

1Understanding the MATLAB environment
2Being able to do simple calculations using MATLAB.
3Being able to carry out simple numerical computations and analyses using MATLAB.

EXPECTED OUTCOMES

- Ability to use MATLAB for interactive computations.
- Familiarity with memory and file management in MATLAB.
- Ability to generate plots and export them for use in reports and presentations.
- Ability to program scripts and functions using the MATLAB development environment.
- Ability to use basic flow controls (if-else, for, while)
- Familiarity with strings and matrices and their use

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Resource Person
Mr.P.Rambabu
Technical Trainer
Innovative System

Co-ordinator
Mrs.O.Mounika
Assistant Professor
Department of ECE

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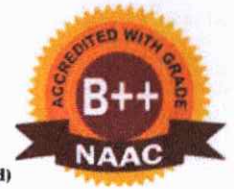
MATLAB

VALUE ADDED COURSE ON

"MAT LAB"

22nd JULY to 27th JULY,2019

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**K.NITHISH** Bearing Reg.No **18Q61A0417** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **22/07/2019** to **27/07/2019**.

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This is to certify that Mr./Ms **K.SANDEEP** Bearing Reg.No **18Q61A0223** is participated

in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE**

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This is to certify that Mr./Ms.**B.AJITHKUMAR** Bearing Reg.No **18Q61A0201** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **22/07/2019** to **27/07/2019**.

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This is to certify that Mr./Ms.**S.SRAVANI** Bearing Reg.No **19Q65A0440** is participated

in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering &**

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This is to certify that Mr./Ms.**V.VINAY** Bearing Reg.No **19Q65A0240** is participated in

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This is to certify that Mr./Ms.**K.TEJA** Bearing Reg.No **19Q65A0221** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'.** from **22/07/2019** to **27/07/2019**.

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This is to certify that Mr./Ms.**B.MADHU** Bearing Reg.No **18Q61A0448** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **22/07/2019** to **27/07/2019**.

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This is to certify that Mr./Ms.**A.VENKATESH** Bearing Reg.No **18Q61A0401** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'.** from **22/07/2019** to **27/07/2019.**

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ABOUT THE COURSE

The Four Skills to Master For both native speakers and ESOL speakers, strong communication in English involves four modes: reading, writing, speaking, and listening. Different people have naturally differing aptitudes for these skills

COURSE OBJECTIVES

To facilitate computer-aided multi-media instruction enabling individualized and independent language learning
➢ To sensitize the students to the nuances of English speech sounds, word accent, intonation and rhythm
➢ To bring about a consistent accent and intelligibility in their pronunciation, ample speaking
opportunities are provided.
➢ To improve the fluency in spoken English and neutralize mother tongue influence
➢ To train students to use language appropriately for interviews, group discussions and public speaking

EXPECTED OUTCOMES

- Learning with precision through computer-assisted individualized and independent language learning to work independently in engineering set up.
- Improved conversational reception and articulation techniques in the course of repetitive
- instruction thereby gaining confidence both in institutional and professional environment.
- Accuracy in pronunciation and restoring Standard English thereby crafting better command in English language so that the students have a cutting edge over others in society.
- Imbibing appropriate use of language in situations to work as an individual and as o leader in diverse teams

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Mr.Anthony   Mr.L.Ravi Naik
Assistant Professor   Assistant Professor
Department of H&S   Department of BSH

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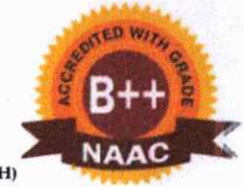
Communication Skills

VALUE ADDED COURSE ON

"ENGLISH COMMUNICATION SKILLS"

16th-21st DEC, 2019

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

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This is to certify that Ms./Mr **V.UJWALA** Bearing roll number **19Q61A0480** from the

department of **Basic Sciences and Humanities** completed the value added course on

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This is to certify that Ms./Mr **Y.SAI**   Bearing roll number **19Q61A05A2** from the

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This is to certify that Ms./Mr **K.SAI TEJA** Bearing roll number **19Q61A0567** from the

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Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.MAINA** Bearing roll number **19Q61A0502** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ENGLISH COMMUNICATION SKILLS " During the year **2019-20**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
hapally (Vill), Abdullapur Met (Mdl),
oga Reddy District.

Co-Ordinator

CO ORDINATOR
anthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

C is a middle-level language as it binds the bridges between machine-level and high-level languages. Java is a high-level language as the translation of Java code takes place into machine language, using a compiler or interpreter. Compilation and Interpretation. C is only compiled and not interpreted.

COURSE OBJECTIVES

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design techniques

EXPECTED OUTCOMES

After successful completion of the course, the students are able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Design event driven GUI and web related applications which mimic the real word scenarios.

Resource Person
Mr.M.Pradeep
Subject Expert
Conscience Technologies

Co-ordinator
Mrs.A.Sravani
Assistant Professor
Department of CSE

PRINCIPAL
Avanthi Institute of Engg. & Tech
~~~~~~ AA Abdullapurmet (Mdl), R.R. Dist.

AVANTHI

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VALUE ADDED COURSE ON

"C AND JAVA"

06th JAN to 11th JAN, 2020

DURATION OF THE COURSE 36HRS

ORGANIZED BY:
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **A.PAVAN KALYAN** BEARING REG.NO

18Q61A0501 IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY,

ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE**

TECHNOLOGIES' FROM **06/01/2020** TO **11/01/2020**.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

A Right Platform For All Engineers...

Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **B.RENUKA** BEARING REG.NO **19Q65A0323** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **06/01/2020** TO **11/01/2020**.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **M.SRIDHAR** BEARING REG.NO **19Q65A0345** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM 06/01/2020 TO 11/01/2020.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **B.SOUMY** BEARING REG.NO **18Q61A0536** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **06/01/2020** TO **11/01/2020**.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **R.BHANUSRI** BEARING REG.NO

19Q65A0510 IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY,

ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE**

TECHNOLOGIES' FROM 06/01/2020 TO 11/01/2020.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **D.VIVEK** BEARING REG.NO **18Q61A05B0** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **06/01/2020** TO **11/01/2020**.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **G.UDAY KIRAN REDDY** BEARING

REG.NO **18Q61A0301** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED

AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,** GUNTHAPALLY,

ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE**

TECHNOLOGIES' FROM **06/01/2020** TO **11/01/2020.**

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

CONSCIENCE TECHNOLOGIES

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Certification of Participation

THIS IS TO CERTIFY THAT MR./MS. **B.VINAYKUMAR** BEARING REG.NO **18Q61A0563** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **06/01/2020** TO **11/01/2020**.

Academic Director

CONSCIENCE TECHNOLOGIES

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

MATLAB, which stands for MATrix LABoratory, is a high-level programming language and interactive environment developed by MathWorks. It's used for numerical computation, visualization, and programming

By the end of the course, you should be able to use MATLAB for problem-solving in science and engineering, where mathematical expressions are used extensively. You should also be able to create your own scripts and functions to automate your work.

COURSE OBJECTIVES

1Understanding the MATLAB environment
2Being able to do simple calculations using MATLAB.
3Being able to carry out simple numerical computations and analyses using MATLAB.

EXPECTED OUTCOMES

- Ability to use MATLAB for interactive computations.
- Familiarity with memory and file management in MATLAB.
- Ability to generate plots and export them for use in reports and presentations.
- Ability to program scripts and functions using the MATLAB development environment.
- Ability to use basic flow controls (if-else, for, while)
- Familiarity with strings and matrices and their use

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person
Mr.S.Ravi Kumar
Technical Trainer
Innovative System

Co-ordinator
Mrs.B.Swathi
Assistant Professor
Department of MECH

AVANTHI

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VALUE ADDED COURSE ON

"MAT LAB"

23rd DEC to 31st DEC,2019

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF MECHANICAL ENGINEERING

Innovative Systems

Towards Quality Service

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**A.ARJUN** Bearing Reg.No **17Q61A0301** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'** from **23/12/2019** to **31/12/2019**.

Sd/-

Authorised Signatory

M/s Innovative Systems

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Innovative Systems

Towards Quality Service

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **R.NAVEEN** Bearing Reg.No **17Q65A0326** is participated

in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering &**

Technology,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE**

SYSTEMS' from **23/12/2019** to **31/12/2019**.

Sd/-
Authorised Signatory
M/s Innovative Systems

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms.**CH.SAI VIKAS** Bearing Reg.No **18Q65A0305** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'** from **23/12/2019** to **31/12/2019**.

Sd/-

Authorised Signatory

M/s Innovative Systems

Head of the Department
Mechanical Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Business communication skills are absolutely essential in every professional environment. This broad-ranging group of skills covers written, verbal, and visual communication, as well as more specialized applications such as business writing, email writing, presentations, public speaking, and negotiation.

COURSE OBJECTIVES

- To understand the key concepts of values, life skills and business communication and to motivate students to look within and create a better version of self.
- To focus on the development of basic fluency in English, usage of vocabulary in technical field, strengthen reading and official written communication skill.
- To understand the life skills and their importance in leading a happy and well-adjusted life.

EXPECTED OUTCOMES

Upon completion of the course, the student will be able to
- Recognize the need for life skills and values (Understand)
- Identify own strengths and opportunities
- Recognize the importance of vocabulary enrichment (Understand)
- Understand the basic tenets of communication and apply the basic communication practices in different types of communication
- Apply the life skills to different situations

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

Resource Person
Dr.Ramulu Bhukya
Associate Professor
Department of MBA

Co-ordinator
Mr.A.Naresh
Assistant Professor
Department of MBA

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Personality Development
and
Communication skills

VALUE ADDED COURSE ON

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVE NESS"

09th to 14th SEP, 2019

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **D.MOUKTHIKA** Bearing roll number **18Q61E0077** from the department of **Master of Business and Administration** completed the value added course on **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS"** During the year **2019-20.**

Head of The Department

**Head of the Department
MBA**
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

COORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.ANAND** Bearing roll number **18Q61E0001** from the

department of **Master of Business and Administration** completed the value added course on

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS" During the year

2019-20.

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in   email: principal.avanthi@gmail.com

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SANTHOSH** Bearing roll number **18Q61E0052** from the

department of **Master of Business and Administration** completed the value added course on

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS" During the year

2019-20.

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 **S.SAINATH** Bearing roll number **18Q61E0039** from the department of **Master of Business and Administration** completed the value added course on **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS"** During the year **2019-20.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Campus Recruitment Training Program is a comprehensive training module of 45 Hours, which runs for Third Year engineering students. Campus Recruitment Training Program comprises preparation of aptitude exam for initial screening round of companies, Resume Writing, Group Discussions and Personal Interviews etc

COURSE OBJECTIVES

- Soft skills include good work ethics, sound and positive attitude, eagerness/curiosity to learn, cultural
- Sensitivity, fine business manners and values including effective communication skills.
- After Completing the course students will be able to present them in effective and attractive manner.

EXPECTED OUTCOMES

- Deal with nerves and think more positively about public speaking
- Consider ways of grabbing the listener's attention, holding their interest, and concluding strongly
- Use body language and tone of voice to enhance their presentations.
- Use slides and visual aids effectively.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

Resource Person	Co-ordinator
Mr.MD.Sameer	Mrs.M.Shirisha
Technical Trainer	Assistant Professor
COIGN Consultants Pvt Ltd	Department of CSE

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VALUE ADDED COURSE ON

"CRT-APTITUDE"

20th JAN to 05th FEB,2020

DURATION OF THE COURSE 45HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.VARSHITHA REDDY** Bearing Reg.No **17Q61A0501** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **COIGN** from **20/01/2020** to **05/02/2020**.

COIGN Consultants Pvt.Ltd

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
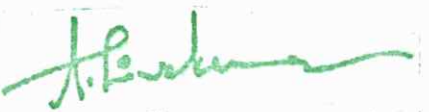Ranga Reddy District. Telangana.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **T.SANTHOSH** Bearing Reg.No **18Q65A0518** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **COIGN** from **20/01/2020** to **05/02/2020**.

COIGN Consultants Pvt.Ltd

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl)
Ranga Reddy District. Telangana.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.RAHUL** Bearing Reg.No **17Q61A0568** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with COIGN from **20/01/2020** to **05/02/2020**.

COIGN Consultants Pvt.Ltd

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.SUNNY** Bearing Reg.No **17Q61A0551** is participated in "**CRT/APTITUDE**" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with COIGN from **20/01/2020** to **05/02/2020**.

COIGN Consultants Pvt.Ltd

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur met (Mdl)
Ranga Reddy District. Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.KARTHIK** Bearing Reg.No **18Q65A0502** is participated in "CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with COIGN from **20/01/2020** to **05/02/2020**.

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill) Abdullapur Met (Mdl)
Ranga Reddy District, Telangana.

COIGN

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.SRI KANYA** Bearing Reg.No **17Q61A0514** is participated in "CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with COIGN from **20/01/2020** to **05/02/2020**.

COIGN Consultants Pvt.Ltd

Head of the Department
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Reddy District, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Business communication skills are absolutely essential in every professional environment. This broad-ranging group of skills covers written, verbal, and visual communication, as well as more specialized applications such as business writing, email writing, presentations, public speaking, and negotiation.

COURSE OBJECTIVES

- To understand the key concepts of values, life skills and business communication and to motivate students to look within and create a better version of self.
- To focus on the development of basic fluency in English, usage of vocabulary in technical field, strengthen reading and official written communication skill.
- To understand the life skills and their importance in leading a happy and well-adjusted life.

EXPECTED OUTCOMES

Upon completion of the course, the student will be able to
- Recognize the need for life skills and values (Understand)
- Identify own strengths and opportunities
- Recognize the importance of vocabulary enrichment (Understand)
- Understand the basic tenets of communication and apply the basic communication practices in different types of communication
- Apply the life skills to different situations

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person
Mr.B.Nayeema
Assistant Professor
Department of MBA

Co-ordinator
Mrs.M.Swathi
Assistant Professor
Department of MBA

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B++
NAAC

Personality Development
and
Communication skills

VALUE ADDED COURSE ON

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVE NESS"

03rd to 8th FEB,2020

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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 **P.TEJASWINI** Bearing roll number **19Q61E0029** from the department of **Master of Business and Administration** completed the value added course on **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS"** During the year **2019-20.**

Head of The Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmiet (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **AKSHAY DARSHAN** Bearing roll number **19Q61E00B1** from the

department of **Master of Business and Administration** completed the value added course on

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS" During the year

2019-20.

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 **G.NAVEEN** Bearing roll number **19Q61E00D3** from the department of **Master of Business and Administration** completed the value added course on **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS"** During the year **2019-20.**

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Master of Business Administration

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.PRATHYUSHA** Bearing roll number **19Q61E0001** from the department of **Master of Business and Administration** completed the value added course on **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVNESS"** During the year **2019-20.**

Nayeema

Head of The Department
Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (...)
Ranga Reddy Dist, Telang... ...

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Campus Recruitment Training Program is a comprehensive training module of 45 Hours, which runs for Third Year engineering students. Campus Recruitment Training Program comprises preparation of aptitude exam for initial screening round of companies, Resume Writing, Group Discussions and Personal Interviews etc

COURSE OBJECTIVES

- Soft skills include good work ethics, sound and positive attitude, eagerness/curiosity to learn, cultural
- Sensitivity, fine business manners and values including effective communication skills.
- After Completing the course students will be able to present them in effective and attractive manner.

EXPECTED OUTCOMES

- Deal with nerves and think more positively about public speaking
- Consider ways of grabbing the listener's attention, holding their interest, and concluding strongly
- Use body language and tone of voice to enhance their presentations.
- Use slides and visual aids effectively.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person
Mr.G.Surendhar
Technical Trainer
Face Academy for career
Enhancement

Co-ordinator
Mrs.G.Sravani
Assistant Professor

AVANTHI

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B++
NAAC

VALUE ADDED COURSE ON

"CRT-APTITUDE"

30th JULY to 16th AUG,2018

DURATION OF THE COURSE 45HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **U.KRISHNA** Bearing Rollnumber **15Q61A0539** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**
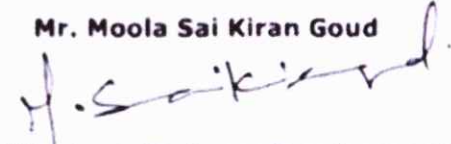
16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ran. ... dy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.DILIP** Bearing Rollnumber **15Q61A0563** is participated in

"CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Range Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.MAMATHA** Bearing Rollnumber **15Q61A0516** is

participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering &**

Technology, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from

30/07/2018 to 16/08/2018.

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
R.R Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Mr. Moola Sai Kiran Goud
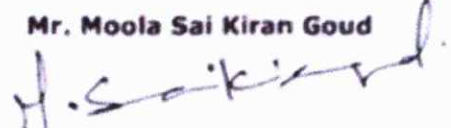
(Manager,Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **P.RAKESH** Bearing Rollnumber **15Q61A0434** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

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.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **T.SIREESHA** Bearing Rollnumber **15Q61A0218** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
anthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
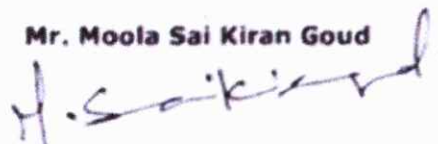Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SAITEJA** Bearing Rollnumber **15Q61A0501** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to 16/08/2018.**

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
anthi 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.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.VAMSEE** Bearing Rollnumber **15Q61A04C2** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO-ORDINATOR
thi 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.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **M.SRINIVAS** Bearing Rollnumber **17Q61D5810** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
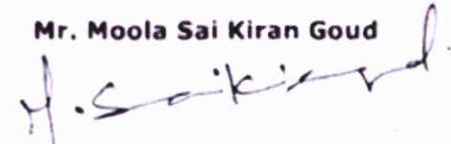Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.DEEPA** Bearing Rollnumber **17Q61D5708** is participated in

"CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology,**

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO-ORDINATOR
athi 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.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SAI ROHITH** Bearing Rollnumber **15Q61A0580** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to 16/08/2018.**

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO ORDINATOR
anthi 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.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **D.KALPANA** Bearing Rollnumber **17Q61D0702** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

CO-ORDINATOR

nthl Institute of Engineering & Technolo
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.MANOJ** Bearing Rollnumber **15Q61A0202** is participated in

"CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **30/07/2018 to**

16/08/2018.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

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.

ABOUT THE COURSE

The Four Skills to Master For both native speakers and ESOL speakers, strong communication in English involves four modes: reading, writing, speaking, and listening. Different people have naturally differing aptitudes for these skills

COURSE OBJECTIVES

To facilitate computer-aided multi-media instruction enabling individualized and independent language learning

➢ To sensitize the students to the nuances of English speech sounds, word accent, intonation and rhythm

➢ To bring about a consistent accent and intelligibility in their pronunciation, ample speaking

opportunities are provided.

➢ To improve the fluency in spoken English and neutralize mother tongue influence

➢ To train students to use language appropriately for interviews, group discussions and public speaking

EXPECTED OUTCOMES

- Learning with precision through computer-assisted individualized and independent language learning to work independently in engineering set up.
- Improved conversational reception and articulation techniques in the course of repetitive
- instruction thereby gaining confidence both in institutional and professional environment.
- Accuracy in pronunciation and restoring Standard English thereby crafting better command in English language so that the students have a cutting edge over others in society.
- Imbibing appropriate use of language in situations to work as an individual and as o leader in diverse teams

Resource Person
Mrs.Addebunissa Begum
Assistant Professor
Department of H&S

Co-ordinator
Mrs.V.Priyanka
Assistant Professor
Department of H&S

AVANTHI

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Communication Skills

VALUE ADDED COURSE ON

"ENGLISH COMMUNICATION SKILLS"

06th to 11th AUG, 2018

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.SONY** Bearing roll number **18Q61A0568** from the department of **Basic Sciences and Humanities** completed the value added course on "**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District

Co-Ordinator
CO-ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapurmet (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.ANUDEEP** Bearing roll number **18Q61A0533** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
anthi 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.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SAIKIRAN** Bearing roll number **18Q61A05A6** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
athi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.MAHESH** Bearing roll number **18Q61A0572** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ENGLISH COMMUNICATION SKILLS" During the year **2018-19**.

Head of The Department

Head of the Department.
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SAIREDDY** Bearing roll number **18Q61A0465** from the department of **Basic Sciences and Humanities** completed the value added course on "**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
athi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.NIKHIL** Bearing roll number **18Q61A0435** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad) NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.VENKATESH** Bearing roll number **18Q61A0401** from

the department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
Avanthi Institute of Engineering & Technology
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **S.SHRAVANI** Bearing roll number **18Q61A05B4** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ENGLISH COMMUNICATION SKILLS" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist. Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **R.SACHIN** Bearing roll number **18Q61A0307** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ENGLISH COMMUNICATION SKILLS" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
CO ORDINATOR
anthi Institute of Engineering & Technology,
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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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Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **N.NARESH** Bearing roll number **18Q61A0304** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator
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Avanthi Institute of Engineering & Technology
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **K.SANDEEP** Bearing roll number **18Q61A0223** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department

Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

Co-Ordinator

CO ORDINATOR
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Principal

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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **B.AJITHKUMAR** Bearing roll number **18Q61A0201** from

the department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Head of the Department
Humanities & Sciences
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
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Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **T.MAHESH** Bearing roll number **18Q61A0438** from the

department of **Basic Sciences and Humanities** completed the value added course on

"ENGLISH COMMUNICATION SKILLS" During the year **2018-19**.

Head of The Department
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PRINCIPAL
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Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Department of Basic Sciences and Humanities

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **A.PAVAN KALYAN** Bearing roll number **18Q61A0501**

from the department of **Basic Sciences and Humanities** completed the value added course

on **"ENGLISH COMMUNICATION SKILLS"** During the year **2018-19**.

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CERTIFICATE

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This is to certify that Ms./Mr **P.DEVI** Bearing roll number **18Q61A0531** from the

department of **Basic Sciences and Humanities** completed the value added course on

"**ENGLISH COMMUNICATION SKILLS**" During the year **2018-19**.

Head of The Department
Humanities & Sciences
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Ranga Reddy Dist, Telangana.

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

C is a middle-level language as it binds the bridges between machine-level and high-level languages. Java is a high-level language as the translation of Java code takes place into machine language, using a compiler or interpreter. Compilation and Interpretation. C is only compiled and not interpreted.

COURSE OBJECTIVES

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design techniques

EXPECTED OUTCOMES

After successful completion of the course, the students are able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Design event driven GUI and web related applications which mimic the real word scenarios.

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Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person
Mr.G.Shankar
Subject Expert
Conscience Technologies

Co-ordinator
Mr.K.Srinivas
Assistant Professor
Department of CSE

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VALUE ADDED COURSE ON

"C AND JAVA"

30th JULY to 04th AUG, 2018

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONSCIENCE TECHNOLOGIES

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THIS IS TO CERTIFY THAT MR./MS. **M.AMULYA** BEARING REG.NO **16Q61A0535** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **30/07/2018** TO **04/08/2018**.

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Head of the Department
HOD
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Academic Director
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Coordinator
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Head of the Department **HOD**
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THIS IS TO CERTIFY THAT MR./MS. **S.DANISH** BEARING REG.NO **16Q61A0333** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **30/07/2018** TO **04/08/2018**.

Coordinator

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Head of the Department **HOD**
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16Q61A0309 IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY,

ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE**

TECHNOLOGIES' FROM **30/07/2018** TO **04/08/2018**.

Coordinator

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Head of the Department **HOD**
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THIS IS TO CERTIFY THAT MR./MS. **A.SAI KARTHIK** BEARING REG.NO **16Q61A0301** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **30/07/2018** TO **04/08/2018.**

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Head of the Department
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THIS IS TO CERTIFY THAT MR./MS. U.SARIKA BEARING REG.NO 16Q61A0556 IS PARTICIPATED IN "C AND JAVA" COURSE CONDUCTED AT THE AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH 'CONSCIENCE TECHNOLOGIES' FROM 30/07/2018 TO 04/08/2018.

Coordinator

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Head of the Department
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THIS IS TO CERTIFY THAT MR./MS. **S.ARJUN** BEARING REG.NO **17Q65A0506** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM 30/07/2018 TO 04/08/2018.

Coordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
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Ranga Reddy Dist, Telangana.

Head of the Department
HOD
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Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District. Telangana.

Academic Director

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THIS IS TO CERTIFY THAT MR./MS. **P.VIVEK REDDY** BEARING REG.NO

16Q61A0578 IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY, GUNTHAPALLY,

ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE**

TECHNOLOGIES' FROM **30/07/2018** TO **04/08/2018.**

Coordinator
CO ORDINATOR
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Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Head of the Department
HOD
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District. Telangana.

Academic Director

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THIS IS TO CERTIFY THAT MR./MS. **R.SAIKUMAR** BEARING REG.NO **17Q65A0325** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**, GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH '**CONSCIENCE TECHNOLOGIES**' FROM **30/07/2018 TO 04/08/2018**.

Coordinator
CO ORDINATOR
...nthi Institute of Engineering & Technolog...
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Ranga Reddy Dist, Telangana.

Head of the Department
HOD
Computer Science & Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District. Telangana.

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THIS IS TO CERTIFY THAT MR./MS. **V.PRASHANTHI** BEARING REG.NO **17Q65A0344** IS PARTICIPATED IN **"C AND JAVA"** COURSE CONDUCTED AT THE **AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY,** GUNTHAPALLY, ABDULLAPURMET, RANGAREDDY, IN ASSOCIATION WITH **'CONSCIENCE TECHNOLOGIES'** FROM **30/07/2018** TO **04/08/2018.**

Coordinator
CO ORDINATOR
Avanthi Institute of Engineering & Technology,
Gunthapally (V), Abdullapur Met (Mdl),
Ranga Reddy Dist, Telangana.

Head of the Department
Computer S**HOD**& Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl)
Ranga Reddy District. Telangana.

Academic Director
CONSCIENCE TECHNOLOGIES

ABOUT THE COURSE

MATLAB, which stands for MATrix LABoratory, is a high-level programming language and interactive environment developed by MathWorks. It's used for numerical computation, visualization, and programming

By the end of the course, you should be able to use MATLAB for problem-solving in science and engineering, where mathematical expressions are used extensively. You should also be able to create your own scripts and functions to automate your work.

COURSE OBJECTIVES

1 Understanding the MATLAB environment
2 Being able to do simple calculations using MATLAB.
3 Being able to carry out simple numerical computations and analyses using MATLAB.

EXPECTED OUTCOMES

- Ability to use MATLAB for interactive computations.
- Familiarity with memory and file management in MATLAB.
- Ability to generate plots and export them for use in reports and presentations.
- Ability to program scripts and functions using the MATLAB development environment.
- Ability to use basic flow controls (if-else, for, while)
- Familiarity with strings and matrices and their use

Resource Person
Mr.G.Pavan Kumar
Subject Expert
Future Gen Technologies

Co-ordinator
Mr.CH.Mahesh
Assistant Professor
Department of ECE

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VALUE ADDED COURSE ON

"MAT LAB"

23rd JULY to 28th JULY,2018

DURATION OF THE COURSE 36HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

future gen
TECHNOLOGIES

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.GIRISH** Bearing Reg.No **17Q61A0431** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **23/07/2018 to 28/07/2018**.

Authorised Signatory

M/s Future Gen Technologies

5th Floor, Green House Building, Beside Aditya Trade Center, Satyam theatre Road, Aditya Trade Center (Passport Office), Ameerpet, Hyderabad, Telangana - 500016

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tec
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.SANTHOSH KUMAR** Bearing Reg.No

17Q61A0401 is participated in **"MAT LAB"** course conducted at the **Avanthi**

Institute of Engineering & Technology, Gunthapally, Abdullapurmet,

Rangareddy, in Association with **'Future Gen Technologies'** from **23/07/2018 to**

28/07/2018.

Authorised Signatory

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **Y.MOUNIKA** Bearing Reg.No **18Q65A0424**

is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of**

Engineering & Technology, Gunthapally, Abdullapurmet, Rangareddy, in

Association with **'Future Gen Technologies'** from **23/07/2018 to 28/07/2018.**

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Gunthapally (Vill), Abdullapur Met (Mdl),
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Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **P.AMASH REDDY** Bearing Reg.No **17Q61A0481** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **23/07/2018** to **28/07/2018.**

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Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **G.BINDU** Bearing Reg.No **18Q65A0220** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **23/07/2018 to 28/07/2018.**

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Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.MAHESH** Bearing Reg.No **18Q65A0220** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with '**Future Gen Technologies**'from **23/07/2018 to 28/07/2018.**

Authorised Signatory

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Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.DINESH** Bearing Reg.No **17Q61A0201** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **23/07/2018 to 28/07/2018.**

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Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

The Four Skills to Master For both native speakers and ESOL speakers, strong communication in English involves four modes: reading, writing, speaking, and listening. Different people have naturally differing aptitudes for these skills

COURSE OBJECTIVES

To facilitate computer-aided multi-media instruction enabling individualized and independent language learning

➢ To sensitize the students to the nuances of English speech sounds, word accent, intonation and rhythm

➢ To bring about a consistent accent and intelligibility in their pronunciation, ample speaking

opportunities are provided.

➢ To improve the fluency in spoken English and neutralize mother tongue influence

➢ To train students to use language appropriately for interviews, group discussions and public speaking

EXPECTED OUTCOMES

- Learning with precision through computer-assisted individualized and independent language learning to work independently in engineering set up.
- Improved conversational reception and articulation techniques in the course of repetitive
- instruction thereby gaining confidence both in institutional and professional environment.
- Accuracy in pronunciation and restoring Standard English thereby crafting better command in English language so that the students have a cutting edge over others in society.
- Imbibing appropriate use of language in situations to work as an individual and as o leader in diverse teams

PRINCIPAL
Avanti Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Resource Person	Co-ordinator
Mrs.M.Padma Sri	Mrs.V.Priyanka
Assistant Professor	Assistant Professor
Department of H&S	Department of H&S

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Communication Skills

VALUE ADDED COURSE ON

"ENGLISH COMMUNICATION SKILLS"

07th to 12th JAN, 2019

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Mechanical Engineering

CERTIFICATE

OF PARTICIPATION

This is to certify that Ms./Mr **M.NIKHIL** Bearing roll number **16Q65A0355** from the department of **Mechanical Engineering** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2018-19**.

Head of the Department
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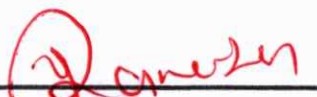Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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OF PARTICIPATION

This is to certify that Ms./Mr **V.SRILATHA** Bearing roll number **16Q65A0333** from the department of **Mechanical Engineering** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2018-19**.

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This is to certify that Ms./Mr **M.ANIL** Bearing roll number **16Q65A0320** from the

department of **Mechanical Engineering** completed the value added course on **"ENGLISH**

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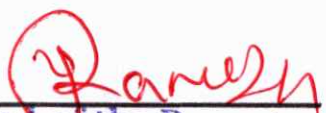Gunthapally (V), Abdullapurmet (M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

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This is to certify that Ms./Mr **K.KRISHNA** Bearing roll number **15Q61A0329** from the department of **Mechanical Engineering** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2018-19**.

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This is to certify that Ms./Mr **K.HARISH** Bearing roll number **15Q61A0304** from the department of **Mechanical Engineering** completed the value added course on **"ENGLISH COMMUNICATION SKILLS"** During the year **2018-19**.

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ABOUT THE COURSE

C is a middle-level language as it binds the bridges between machine-level and high-level languages. Java is a high-level language as the translation of Java code takes place into machine language, using a compiler or interpreter. Compilation and Interpretation. C is only compiled and not interpreted.

COURSE OBJECTIVES

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design techniques

EXPECTED OUTCOMES

After successful completion of the course, the students are able to

- Use the syntax and semantics of java programming language and basic concepts of OOP.
- Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
- Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
- Design event driven GUI and web related applications which mimic the real word scenarios.

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Resource Person
Mr.P.Guna Shekar
Subject Expert
Innovative System

Co-ordinator
Mr.L.Shiva Shankar
Assistant Professor
Department of CSE

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NAAC

VALUE ADDED COURSE ON

"C AND JAVA"

07th JAN to 12th JAN, 2019

DURATION OF THE COURSE 36HRS

ORGANIZED BY :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Innovative Systems

Towards Quality Service

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms **S.RAJESH** Bearing Reg.No **17Q61A0326** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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This is to certify that Mr./Ms **A.RAMYA** Bearing Reg.No **17Q61A0503** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms **M.RAHUL** Bearing Reg.No **17Q61A0529** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'.** from **07/01/2019** to **12/01/2019**.

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This is to certify that Mr./Ms **A.ARJUN** Bearing Reg.No **17Q61A0301** is participated in

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This is to certify that Mr./Ms **K.MONIKA** Bearing Reg.No **18Q65A0511** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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This is to certify that Mr./Ms **K.NANDHINI** Bearing Reg.No **18Q65A0308** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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This is to certify that Mr./Ms **R.SHASHIDHAR** Bearing Reg.No **18Q65A0335** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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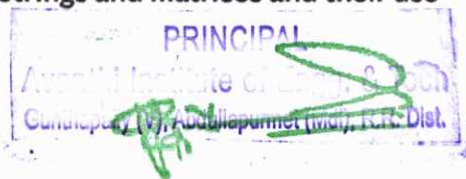Sd/-

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This is to certify that Mr./Ms **T.BHAVANI**   Bearing Reg.No **18Q65A0519** is participated in **"C AND JAVA"** course conducted at the **Avanthi Institute of Engineering & Technology**,Gunthapally,Abdullapurmet,Rangareddy, in Association with **'INNOVATIVE SYSTEMS'**. from **07/01/2019** to **12/01/2019**.

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ABOUT THE COURSE

MATLAB, which stands for MATrix LABoratory, is a high-level programming language and interactive environment developed by MathWorks. It's used for numerical computation, visualization, and programming

By the end of the course, you should be able to use MATLAB for problem-solving in science and engineering, where mathematical expressions are used extensively. You should also be able to create your own scripts and functions to automate your work.

COURSE OBJECTIVES

1 Understanding the MATLAB environment
2 Being able to do simple calculations using MATLAB.
3 Being able to carry out simple numerical computations and analyses using MATLAB.

EXPECTED OUTCOMES

- Ability to use MATLAB for interactive computations.
- Familiarity with memory and file management in MATLAB.
- Ability to generate plots and export them for use in reports and presentations.
- Ability to program scripts and functions using the MATLAB development environment.
- Ability to use basic flow controls (if-else, for, while)
- Familiarity with strings and matrices and their use

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Resource Person
Mr.D.Sumanth
Subject Expert
Future Gen Technologies

Co-ordinator
Mr.K.Chandrashekar
Assistant Professor
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MATLAB

VALUE ADDED COURSE ON

"MAT LAB"

07th JAN to 12th JAN,2019

DURATION OF THE COURSE 36HRS

ORGANIZED BY:
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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This is to certify that Mr./Ms. **K.RAJU** Bearing Reg.No **17Q65A0219** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **07/01/2019** to **12/01/2019**.

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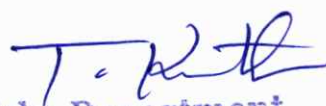Association with **'Future Gen Technologies'** from **07/01/2019 to 12/01/2019**.

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This is to certify that Mr./Ms. **R.SAIKRISHNA** Bearing Reg.No **16Q61A0228** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **07/01/2019 to 12/01/2019.**

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Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.ASHOK KUMAR** Bearing Reg.No **17Q65A0208** is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet, Rangareddy, in Association with **'Future Gen Technologies'** from **07/01/2019 to 12/01/2019.**

Authorised Signatory

M/s Future Gen Technologies

5th Floor, Green House Building, Beside Aditya Trade Center, Satyam theatre Road, Aditya Trade Center (Passport Office), Ameerpet, Hyderabad, Telangana - 500016

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.SUMANTH** Bearing Reg.No **16Q61A0201**

is participated in **"MAT LAB"** course conducted at the **Avanthi Institute of**

Engineering & Technology, Gunthapally, Abdullapurmet, Rangareddy, in

Association with **'Future Gen Technologies'**from **07/01/2019 to 12/01/2019.**

Authorised Signatory

M/s Future Gen Technologies

5th Floor, Green House Building, Beside Aditya Trade Center, Satyam theatre Road,
Aditya Trade Center (Passport Office), Ameerpet, Hyderabad, Telangana - 500016

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Head of the Department
Electrical & Electronics Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

ABOUT THE COURSE

Business communication skills are absolutely essential in every professional environment. This broad-ranging group of skills covers written, verbal, and visual communication, as well as more specialized applications such as business writing, email writing, presentations, public speaking, and negotiation.

COURSE OBJECTIVES

- To understand the key concepts of values, life skills and business communication and to motivate students to look within and create a better version of self.
- To focus on the development of basic fluency in English, usage of vocabulary in technical field, strengthen reading and official written communication skill.
- To understand the life skills and their importance in leading a happy and well-adjusted life.

EXPECTED OUTCOMES

Upon completion of the course, the student will be able to
- Recognize the need for life skills and values (Understand)
- Identify own strengths and opportunities
- Recognize the importance of vocabulary enrichment (Understand)
- Understand the basic tenets of communication and apply the basic communication practices in different types of communication
- Apply the life skills to different situations

Resource Person
Mr.D.Adhitya Prasad
Subject Expert
Asset Integrated Info Syatems

Co-ordinator
Mrs.M.Swathi
Assistant Professor
Department of MBA

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INSTITUTE OF ENGINEERING & TECHNOLOGY
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Personality Development and Communication skills

VALUE ADDED COURSE ON

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVE NESS"

30th JULY to 04th AUG, 2018

DURATION OF THE COURSE 30HRS

ORGANIZED BY :
DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **K.NEERAJA** Bearing Roll.No **17Q61E0028**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by **'ASSET INTIGRATED INFO SYSTEMS '** During dates **30/07/2018** to **04/08/208**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS
#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080, Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

PRINCIPAL
Avanthi Institute of Engg. & Tec
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dis

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **A.ANIL** Bearing Roll.No **17Q61E0001**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **30/07/2018** to **04/08/208**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (VV) Abdullapurmet (Mdl), R.R. Dist.

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **G.THIRUPATHI REDDY** Bearing Roll.No **17Q61E0049**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **30/07/2018** to **04/08/208**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmiet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS
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www.assettally.com

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

ABOUT THE COURSE

Campus Recruitment Training Program is a comprehensive training module of 45 Hours, which runs for Third Year engineering students. Campus Recruitment Training Program comprises preparation of aptitude exam for initial screening round of companies, Resume Writing, Group Discussions and Personal Interviews etc

COURSE OBJECTIVES

- Soft skills include good work ethics, sound and positive attitude, eagerness/curiosity to learn, cultural
- Sensitivity, fine business manners and values including effective communication skills.
- After Completing the course students will be able to present them in effective and attractive manner.

EXPECTED OUTCOMES

- Deal with nerves and think more positively about public speaking
- Consider ways of grabbing the listener's attention, holding their interest, and concluding strongly
- Use body language and tone of voice to enhance their presentations.
- Use slides and visual aids effectively.

Resource Person
Mr.P.Vijendhar
Technical Trainer
Face Academy for career
Enhancement

Co-ordinator
Mrs.G.Shruthi
Assistant Professor
Department of ECE

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VALUE ADDED COURSE ON

"CRT-APTITUDE"

28th JAN to 13th FEB,2019

DURATION OF THE COURSE 45HRS

ORGANIZED BY :
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
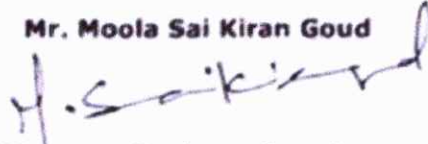
FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **R.SOUMYA** Bearing Rollnumber **17Q65A0427** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology,**

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to**

13/02/2019.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech.
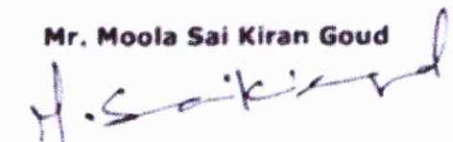Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.RACHANA** Bearing Rollnumber **17Q65A0431** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to**

13/02/2019.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **K.SANDEEP** Bearing Rollnumber **16Q61A04A8** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to**

13/02/2019.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Mr. Moola Sai Kiran Goud

(Manager, Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **S.SRIKANTH** Bearing Rollnumber **16Q61A0483** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to 13/02/2019.**

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **M.RAMYA** Bearing Rollnumber **16Q61A0456** is participated in

"CRT/APTITUDE" course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to**

13/02/2019.

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Rdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R.D
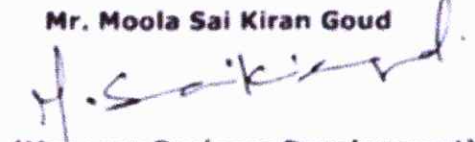
Mr. Moola Sai Kiran Goud

(Manager,Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **J.SRILATHA** Bearing Rollnumber **16Q61A0437** is participated

in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**,

Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to**

13/02/2019.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **A.PANCHDHAR** Bearing Rollnumber **16Q61A0402** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to 13/02/2019.**

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapur Met (Mdl),
Ranga Reddy District.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist
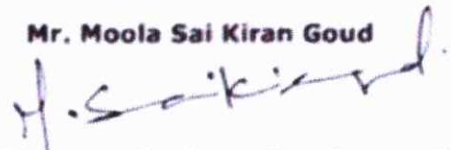
Mr. Moola Sai Kiran Goud

(Manager, Business Development)

FACE

COURSE COMPLETION CERTIFICATE

This is to certify that Mr./Ms. **B.SRIKANTH** Bearing Rollnumber **17Q65A0404** is participated in **"CRT/APTITUDE"** course conducted at the **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy, in Association with **'FACE'** from **28/01/2019 to 13/02/2019.**

Mr. Moola Sai Kiran Goud

(Manager,Business Development)

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. D

Head of the Department
Electronics & Communication Engineering
Avanthi Institute of Engineering & Technology
Gunthapally (VIII), Abdullapur Met (Mdl),
Ranga Reddy District.

ABOUT THE COURSE

Business communication skills are absolutely essential in every professional environment. This broad-ranging group of skills covers written, verbal, and visual communication, as well as more specialized applications such as business writing, email writing, presentations, public speaking, and negotiation.

COURSE OBJECTIVES

- To understand the key concepts of values, life skills and business communication and to motivate students to look within and create a better version of self.
- To focus on the development of basic fluency in English, usage of vocabulary in technical field, strengthen reading and official written communication skill.
- To understand the life skills and their importance in leading a happy and well-adjusted life.

EXPECTED OUTCOMES

Upon completion of the course, the student will be able to
- Recognize the need for life skills and values (Understand)
- Identify own strengths and opportunities
- Recognize the importance of vocabulary enrichment (Understand)
- Understand the basic tenets of communication and apply the basic communication practices in different types of communication
- Apply the life skills to different situations

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

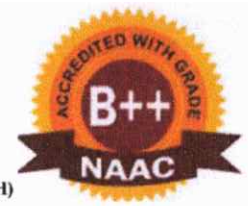| Resource Person	Co-ordinator
Mr.P.Sharma	Mr.S.Naresh
Subject Expert	Assistant Professor
Asset Integrated Info Syatems	Department of MBA

AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY
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B++
NAAC
ACCREDITED WITH GRADE

Personality Development
and
Communication skills

VALUE ADDED COURSE ON

"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVE NESS"

28th JAN to 03rd FEB,2020

DURATION OF THE COURSE 30HRS

ORGANIZED BY :

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Asset

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **A.ANAND** Bearing Roll.No **18Q61E0001**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **28/01/2019** to **02/02/2019**.

V. Ramasubramanyam

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS

#6-6-124/2, Janardhan Nilayam, Chitrala House, Kavadiguda, Telangana - 500 080, Secunderabad.
T: 040-27537184 / 27537185, M : +91 98490 33736, Email : vrs@assettally.com
www.assettally.com

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

A
Asset

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **G.PAVITHRA** Bearing Roll.No **18Q61E00B2**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **28/01/2019** to **02/02/2019**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

ASSET INTIGRATED INFO SYSTEMS

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Asset

CERTIFICATE

OF COURSE COMPLETION

Mr./Ms. **T.RAVITEJA** Bearing Roll.No **18Q61E00C8**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **28/01/2019** to **02/02/2019**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

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PARTNER**
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OF COURSE COMPLETION

Mr./Ms. **T.DEEKSHA** Bearing Roll.No **18Q61E0062**,Department of **Master of Business Administration** from **Avanthi Institute of Engineering & Technology**, Gunthapally, Abdullapurmet,Rangareddy has participated in **"BUSINESS COMMUNICATION SKILLS/PERSONALITY EFFECTIVENESS"** Organized by '**ASSET INTIGRATED INFO SYSTEMS** ' During dates **28/01/2019** to **02/02/2019**.

(Authorized Signatory)
Name: V. Ramasubramanyam
Designation: Proprietor
Place: Secunderabad
Date:
Stamp:

Head of the Department
MBA
Avanthi Institute of Engineering & Technology
Gunthapally (Vill), Abdullapurmet (Mdl),
Ranga Reddy District.

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www.assettally.com

...th Institute of Engg. & Tech
...hapally (V), Abdullapurmet (Mdl), R.R. Dis.