

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY-(A)

NH - 16, Chaitanya Knowledge City, GIET Campus, Rajamahendravaram,
Andhra Pradesh - 533296 Website: <http://www.giet.ac.in> principal@giet.ac.in

Date:07-04-2023

PROGRAM REPORT

Name of the Event: Machine Learning-Fundamentals and applications in oil & gas industry

Date: 02.02.2023 to 06.04.2023

Resource Persons: V Ajay Kumar

Assistant Professor, CSE, GIET-(A).

Email.id: ajaykumar@giet.ac.in

Contact number:

K Bala Brahmini

Assistant Professor, PEE, GIET-(A).

Email.Id: brahmini@giet.ac.in

Name of the Coordinator: Dr. K Siva Kumar

Number of students attended: 43.

Number of faculty involved: 4

Venue: Seminar Hall, VB BLOCK, GIET-(A)

Objectives of the Program:

- Impart knowledge on overview of the principles and practices of AI to address such complex real-world problems.
- Understand basic understanding of problem solving, knowledge representation, reasoning and learning methods of AI
- Understand AI through machine learning for petroleum industry applications such as exploration, drilling, production, and reservoir engineering.

Topics covered:

- Introduction to AI
- Problem solving
- Reasoning and learning methods.

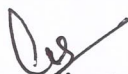

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- Planning decision making
- ML For petroleum industry applications.

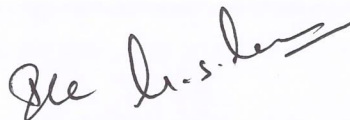
Outcomes of the Program:

At the end of this course; the student will be able to

1. Understand AI and Problem Solving by Search.
2. Understand Knowledge Representation and Reasoning.
3. Understand Planning and Decision Making.
4. Understand Machine Learning methods.
5. Able to apply AI and ML methods in Petroleum industry.


Coordinator


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HOD-PEE
Head of the Department
Department of Petroleum Engineering
Godavari Institute of Engineering and
Technology

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Date: 20-02-2023

PROGRAM REPORT

Name of the Event: EXPLORING COMPUTER GRAPHICS THROUGH
C PROGRAMMING

Organized by Date: 05-11-2022 to 18-02-2023

Resource Person: Mr.L.V.Kiran,
Assistant Professor, Godavari Institute of Engineering & Technology
Email Id: lvkiran@giel.ac.in
Contact Number: 9985392672

Name of the Coordinator: Mr. V. Naga Srinivas

Number of students attended: 45

Number of faculty involved: 3

Venue: RK Block, MCA Lab

Objectives of the program:

- Acquire the basic elements to build applications for computer graphics.
- Demonstrate the main aspects of two-dimensional graphics and indicate some of its applications.

Topics covered:

- Introduction to Computer Graphics
- Graphics Primitives and Algorithms
- 2D Transformations
- Clipping and Windowing
- Rasterization and Scan Conversion
- Color Models and Color Application
- Introduction to 3D Graphics
- 3D Viewing and Clipping



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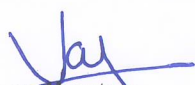
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Outcomes of the program:

On Completion of this course, the students will be able to

- Understand the fundamental concepts of computer graphics
- Implement algorithms for drawing and manipulating basic geometric shapes.
- Perform 2D transformations and apply them to graphical elements.
- Apply clipping techniques to handle visibility and windowing.
- Work with different color models and apply shading techniques.
- Gain a basic understanding of 3D graphics and transformations


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HOD, MCA
Head, Dept. of Computer Applications
Godavari Institute of Engg & Technology
NH-16, Chaitanya Knowledge City
Rajahmundry, 533296

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Date: 03-07-2023

PROGRAM REPORT

Name of the Event: A DEEP DRIVE INTO NATURAL LANGUAGE PROCESSING

Organized by Date: 25-03-2023 to 01-07-2023

Resource Person: Mr. K. Praveen Kumar,

Assistant Professor, Godavari Institute of Engineering & Technology

Email Id: praveenkumar@giel.ac.in

Contact Number:

9247766192**Name of the Coordinator:** Mr.

L.V.Kiran**Number of students attended:** 50

Number of faculty involved: 4

Venue: RK Block, MCA Lab

Objectives of the program:

- To learn the fundamentals of natural language processing
- To understand the use of CFG and PCFG in NLP
- To understand the role of semantics of sentences and pragmatics
- To apply the NLP techniques to IR applications

Topics covered:

- Introduction to NLP Concepts
- Understanding Language Structure
- Text Preprocessing Techniques
- Statistical and Machine Learning Fundamentals
- Language Modeling

Outcomes of the program:

On Completion of this course, the students will be able to



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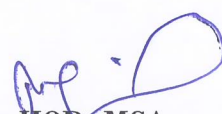
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- Demonstrate a clear understanding of the foundational concepts and challenges in natural language processing (NLP).
- Understand the importance of text preprocessing techniques in cleaning, normalizing, and tokenizing textual data.
- Apply advanced text preprocessing techniques to effectively clean and prepare text data for analysis.
- Utilize part-of-speech tagging for understanding language structure and information extraction.


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Head, Dept. of Computer Applications
Godavari Institute of Engg & Technology
NH-16, Chaitanya Knowledge City
Rajahmundry - 533296

Date: 22-03-2023

PROGRAM REPORT

Name of the Event: INDIAN CULTURE AND DRESS SENSE: PROFESSIONAL, PUBLIC, AND HOME ATTIRE

Date: 13-03-2023 to 17-03-2023

Resource Persons: M. Sirisha Sangamitra, Professor, HBS, GIET(A).

Email.id: sirishasangamitra@giet.ac.in

Contact number: 7883373211

Name of the Coordinator: Sunila Sailaja

Number of students attended: 78

Number of faculty involved: 3

Venue: RK Block Seminar Hall.

Objectives of the Program:

- Foster an understanding of the rich and diverse cultural traditions in India, emphasizing the significance of clothing as an expression of culture.
- Encourage respect for traditional Indian attire and its role in preserving cultural heritage.
- Teach participants about appropriate attire for various professional settings, such as offices, business meetings, and corporate events, in line with Indian cultural norms.
- Provide guidance on what to wear in public spaces, including shopping centers, parks, and recreational areas, while adhering to cultural modesty standards.
- Discuss comfortable and culturally appropriate clothing for home settings, emphasizing comfort and practicality.

Topics covered:

- Introduction to Indian Culture and Dress Sense Understanding the diversity of Indian culture and its influence on clothing choices Cultural sensitivities and their impact on personal grooming

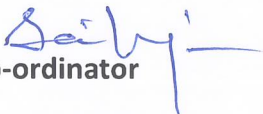

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- Professional Attire and Etiquette Dressing for success: Business formal and business casual attire Grooming and personal hygiene for professional settings
- Public Appearance and Social Events Dressing appropriately for social gatherings, parties, and community events Building a positive and confident public image
- Home Attire and Comfort Importance of comfort and functionality in daily clothing choices Cultural aspects of home attire and its relevance in family life
- Saree Draping: Traditional and Modern Styles Step-by-step guide to draping a saree in different styles Adapting saree draping to various occasions

Outcomes of the Program:

On Completion of this course, the students will be able to

1. Cultural Awareness: Gain a deep understanding of Indian culture, traditions, and social norms related in various contexts.
2. about appropriate attire and grooming standards for including interviews, meetings, and corporate events.
3. Public Appearance: Understand the importance of seer appropriately in public spaces and events, reflecting a positive image.


Co-ordinator


HOD-HBS

Head of the Department
Department of
HUMANITIES & BASIC SCIENCES
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Date:22-04-2023

PROGRAM REPORT

Name of the Event: A Workshop on Estimation of Solar plant cost with respect to it's rating

Date: : 27-02-2023 to 22-04-2023

Resource Persons: Dr. D. Ravi Kishore, Professor & HOD-EEE, GIET(A)

Email ID: hod.eee@giet.ac.in

Contact No: 8886668239

S. Bala Raju

Assistant Professor, EEE, GIET(A) EEE

Email.id: s.balaraju46@gmail.com

Contact number: 9885951383

Name of the Coordinator: S. Bala Raju

Number of students attended: 51

Number of faculty involved: 4

Venue: Power Electronics Lab, Main Block

Objectives of the Program:

- To Impart the Knowledge to the students with commissioning of Solar Power
- Learn Components of Solar power Plant
- Harvesting Solar energy

Topics covered:


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- Introduction to Solar Power
- Components of Solar power Plant
- Cost issues with solar power

Outcomes of the Program:

At the end of this course, the student will be able to

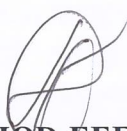
1. Understand importance of Solar energy.
2. Understand the components of Solar plant
3. Design Solar power plant with minimal cost



Co-Ordinator



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HOD-EEE
Head of The Department
Electrical & Electronics Engg.
GIET(A), RAJAMAHENDRAVARAM

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Date:24/04/2023

PROGRAM REPORT

Name of the Event : Recent Trends in IoT and Communication Engineering

Date : 27-02-2023 to 22-04-2023

Resource Persons : Mr. D.Vijendra kumar, Assistant Professor ECE, GIET(A)

Email Id : vijendra@giet.ac.in

Contact number : 7799002213

Mrs. Ch. Gowri, Assistant Professor ECE, GIET(A)

Email Id : gowrich.ece@giet.ac.in

Contact number : 7077602266

Name of the coordinator : Mrs. Ch. Gowri

Number of students attended : 53

Number of faculty involved: 3

Venue : Main Block, Simulation Lab

Objectives of the Program :

- To know the basic knowledge on IoT Fundamentals
- To impart the knowledge to the students with Edge Computing
- Learn evolution of Wireless Communication
- Discover Data Analytics and Machine Learning for IoT
- Security and Privacy in IoT

Topics covered :

- IoT Fundamentals
- Wireless Communication
- Edge Computing

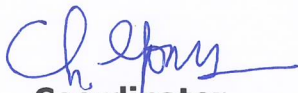

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- Cloud Computing and IoT
- Data Analytics and Machine Learning for IoT
- Security and Privacy in IoT

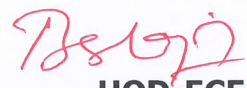
Outcome of the Program :

On Completion of this course, the students will be able to

1. Demonstrate Understanding of IoT Concepts: Explain the fundamental concepts, architecture, and components of the Internet of Things (IoT). Describe the role of sensors, actuators, and embedded systems in IoT applications.
2. Apply Wireless Communication Knowledge: Compare and contrast various wireless communication technologies (e.g., Wi-Fi, Bluetooth, LoRa, NB-IoT) and their suitable use cases. Design and implement basic wireless communication setups for IoT devices.
3. Implement Edge Computing Solutions: Understand the concept of edge computing and its significance in IoT. Develop edge devices capable of processing, analyzing, and making decisions on data locally.


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Head of the Department
Department of
ELECTRONICS & COMMUNICATION ENGG.
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Date:12.11.2022

PROGRAM REPORT

Name of the Event: A WORKSHOP ON AMAZON WEB SERVICES

Date: 07.11.2022 to 11.11.2022

Resource Persons: Dr. B. Sujatha,

Professor, CSE, GIET-(A).

Email.id: hod.cse@giet.ac.in

Contact number: 8886668242**Dr.**

Ashok Koujalagi,

Assistant Professor, CSE, GIET-(A).

Email.Id: drashok@giet.ac.in

Contact number: 7996823724

Name of the Coordinator: Mr. K. V. K. Sasikanth

Number of students attended: 67

Number of faculty involved: 3

Venue: Advanced Computing Lab, VB BLOCK, GIET-(A)

Objectives of the Program:

- Understanding of AWS core services and their functionalities. This includes services like EC2 (Elastic Compute Cloud), S3 (Simple Storage Service), RDS (Relational Database Service), Lambda, and more. Learn core python scripting elements such as variables and flow control structures
- To create and manage AWS resources. Practical experience is crucial for gaining confidence in using AWS services effectively.
- To Teach participants about AWS security best practices, including IAM (Identity and Access Management) policies, security groups, encryption, and monitoring to ensure that AWS resources and data are kept secure.

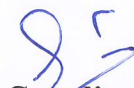
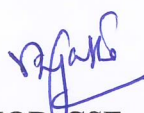

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Topics covered:

- Introduction to Amazon Web Services
- Computing Services in AWS
- Storage and Databases in AWS
- Networking and Content Delivery
- Management, Monitoring, and Security

Outcomes of the Program:**At the end of this course; the student will be able to**

- Understanding of the core AWS services, including computing, storage, databases, networking and management tools.
- Understand the essentials of AWS Identity and Access Management (IAM), budgeting, and cost management using the AWS Free Tier and billing tools.
- Understand how to use Amazon EC2 instances, Auto Scaling, Elastic Load Balancing, and AWS Lambda to build scalable and resilient systems.
- Choose and configure storage solutions such as Amazon S3, Amazon EBS, Amazon RDS, and Amazon DynamoDB based on specific use cases.
- Configure security groups, implement IAM policies, and utilize AWS CloudWatch for monitoring and logging.


Coordinator
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HOD-CSE
Head of the Department
Computer Science & Engineering
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Date: 31.10.2022

PROGRAM REPORT

Name of the Event: WEB DEVELOPMENT USING DJANGO

Date: 25.10.2022 to 29.10.2022

Resource Persons: Dr. B. Sujatha,

Professor, CSE, GIET-(A).

Email.id: hod.cse@giet.ac.in

Contact number: 8886668242 **Dr.**

Ashok Koujalagi,

Assistant Professor, CSE, GIET-(A).

Email.Id: drashok@giet.ac.in

Contact number: 7996823724

Name of the Coordinator: Mr. K. V. K. Sasikanth

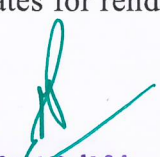
Number of students attended: 67

Number of faculty involved: 3

Venue: Advanced Computing Lab, VB BLOCK, GIET-(A)

Objectives of the Program:

- Provide participants with a foundational understanding of Django, its history, and its role in web development. Explain the Model-View-Controller (MVC) architectural pattern and how Django implements it with Models, Views, and Templates (MVT).
- Guide participants through the process of setting up a Django development environment, including installing Python, Django, and any necessary tools.
- Walk participants through the process of creating a simple web application using Django.
- Cover topics such as creating models for data storage, setting up views to handle HTTP requests, and creating templates for rendering HTML



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- Explore advanced Django features such as handling forms, handling file uploads, and working with APIs.

Topics covered:

- Introduction to Python, Django Architecture
- Django Installation, Django Templates
- File handling, Django Shell
- User Creation, Crud Operations
- Form Validations, Database, Mail

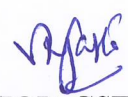
Outcomes of the Program:

At the end of this course; the student will be able to

- Understanding of the fundamental concepts of Django, including the Model-View Controller (MVC) architecture, URL routing, and the Django template language.
- Create models to represent database tables, define views to handle user requests, and create templates to render dynamic content.
- Design and implement complex database structures using Django's Object-Relational Mapping (ORM) system.
- Understand deployment strategies, server configurations, and best practices for maintaining security and performance.


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Head of the Department
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Date: 01-12-2022

PROGRAM REPORT

Name of the Event: ADVANCED TRAINING IN SURVEYING PRACTICES USING TOTAL STATION

Date: 1-11-2022 to 26-11-2022

Resource Persons: N.G. SINDHUSHA,

Assistant Professor, CE, GIET(A).

Email.id: sindhushang@giet.ac.in

Contact number: 8986932614

RAJENDRA ALLA,

Associate Professor, CE, GIET-(A).

Email.id: rajendraalla@giet.ac.in

Contact number: 88898661744

Name of the Coordinator: Mr. A. Rajendra

Number of students attended: 71

Venue: VB Block AVEVA Lab.

Objectives of the Program:

- The primary objective is to ensure participants become proficient in operating Total Stations, including instrument setup, calibration, and data collection techniques.
- Train participants to make accurate and precise measurements of distances, angles, and elevations using Total Stations.
- Provide a strong foundation in surveying principles, including coordinate systems, datums, and map projections.
- Teach participants how to process and analyze survey data collected with Total Stations using software such as AutoCAD, Civil 3D, or other GIS and surveying software.

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- Explain sources of errors in surveying measurements and techniques for error detection and Correction

Topics to be covered:

- Introduction to ArcGIS and Geospatial Concepts
- Data Acquisition and Management Spatial Analysis Techniques
- Advanced Mapping and Visualization and Model Builder

Outcomes of the Program:

On Completion of this course, the students will be able to

1. Participants will gain a solid understanding of ArcGIS software, its interface, and tools, enabling them to confidently navigate and utilize the platform for various geospatial tasks.
2. Participants will learn how to source, import, organize, and manage different types of geospatial data within ArcGIS, ensuring efficient data workflows and accessibility.
3. Participants will cultivate spatial thinking skills, allowing them to recognize patterns, trends, and relationships within geospatial data, leading to informed decision-making.

1.  N.G. Sindhu

2.  A. Raju

Co-ordinator



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HOD-CE
Head of the Department
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Date: 27-04-2022

PROGRAM REPORT

Name of the Event: ArcGIS WORKSHOP FOR SPATIAL ANALYSIS AND MAPPING

Date: 27-02-2023 to 22-04-2023

Resource Persons: SAI KUMAR ALAMANDA,

Assistant Professor, CE, GIET(A).

Email.id: saikumaralamanda@gieta.ac.in

Contact number: 8989932614

N.G. SINDHUSHA,

Associate Professor, CE, GIET-(A).

Email.id: sindushang@gieta.ac.in

Contact number: 89898661744

Name of the Coordinator: Ms. N.G. Sindusha

Number of students attended: 58

Venue: MB Block AVEVA Lab.

Objectives of the Program:

- Provide an overview of GIS and its applications in spatial analysis and mapping.
- Explain fundamental GIS concepts, including spatial data, attributes, layers, and georeferencing.
- Introduce participants to the ArcGIS Desktop or ArcGIS Pro interface, including menus, toolbars, and data management tools.
- Teach participants how to import, organize, and manage spatial data (shapefiles, geodatabases, raster data, etc.) within ArcGIS.
- Cover techniques for creating visually appealing maps and customizing map layouts.


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- Explain how to use symbols, labels, and colors effectively in map design.
- Explore a range of spatial analysis tools available in ArcGIS, such as buffer analysis, spatial queries, and overlay operations.

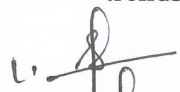
Topics to be covered:

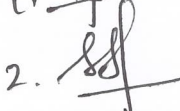
- Introduction to ArcGIS and Geospatial Concepts
- Data and Management
- Spatial Analysis Techniques
- Advanced Mapping and Visualization
- Geo processing and Model Builder

Outcomes of the Program:

On Completion of this course, the students will be able to

1. Participants will gain a solid understanding of ArcGIS software, its interface, and tools, enabling them to confidently navigate and utilize the platform for various geospatial Tasks.
2. Participants will learn how to source, import, organize, and manage different types of geospatial data within ArcGIS, ensuring efficient data workflows and accessibility.
3. Participants will cultivate spatial thinking skills, allowing them to recognize patterns, trends, and relationships within geospatial data, leading to informed decision-making.

1.  N.Y. Sindhusa

2.  A. Sai Kumar

Co-ordinator



HOD-CE

Head of the Department
CIVIL ENGINEERING
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY (A)
RAJAHMUNDRAM-533 296


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RAJAHMUNDRAM-533 296

Date: 20-07-2022

PROGRAM REPORT

Name of the Event: BALANCING EMOTIONS AT WORK, HOME, AND IN PUBLIC

Date: 11-07-2022 to 15-07-2022

Resource Persons: M. Sirisha Sangamitra, Professor, HBS, GIET(A).

Email.id: sirishasangamitra@giet.ac.in

Contact number: 7883373211

Name of the Coordinator: Sunila Sailaja

Number of students attended: 72

Number of faculty involved: 4

Venue: RK Block Seminar Hall.

Objectives of the Program:

- Help participants develop a better understanding of their own emotions, recognizing and labeling their feelings accurately.
- Teach stress-reduction techniques and coping strategies to manage workplace stress, family-related stress, and public situations that may trigger stress.
- Provide tools and practices to regulate emotions effectively, helping individuals maintain composure and control in various situations.
- Encourage participants to establish boundaries between work, home, and public life, promoting a healthier balance between personal and professional responsibilities.
- Enhance interpersonal communication skills to express emotions constructively and resolve conflicts in all areas of life.

Topics covered:

- Introduction to Emotional Intelligence
- and Self-Regulation
- Stress Management and Coping Strategies
- Effective Communication and Interpersonal Skills

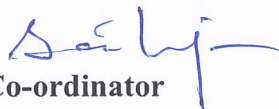

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- Emotional Resilience and Adaptability
- Balancing Work, Home, and Public Life

Outcomes of the Program:

On Completion of this course, the students will be able to

- Understand the importance of emotional intelligence in engineering and personal
- Develop self-awareness and self-regulation techniques.
- Learn strategies to manage stress and handle pressure effectively.
- Cultivate interpersonal skills for improved communication and relationship management.
- Foster emotional resilience to navigate challenges with confidence.


Co-ordinator


HOD-HBS
Head of the Department
Department of
HUMANITIES & BASIC SCIENCES
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY
RAJAMAHENDRAVARAM-533 296


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NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM-533 296

Date:26-11-2022

PROGRAM REPORT

Name of the Event: A Workshop on Sophisticated power electronic controllers in different power plants

Date: : 21-11-2022 to 26-11-2022

Resource Person: Dr. D. Ravi Kishore, Professor & HOD

S. Bala Raju

Assistant Professor EEE, Godavari Institute of Engineering &
Technology(A)

Email.id: s.balaraju46@gmail.com

Contact number: 9885951383

Name of the Coordinator: S. Bala Raju

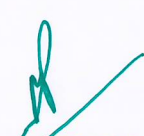
Number of students attended: 51

Number of faculty involved: 5

**Venue: Power Electronics Lab, Main Block, Godavari Institute of Engineering &
Technology(A)**

Objectives of the Program:

- To Impart the Knowledge to the students with commissioning of Solar Power
- Learn Components of Solar power Plant
- Harvesting Solar energy


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Topics covered:

- Introduction to Power electronic converters
- Types of controllers used in solar energy
- Types of controllers used in wind energy
- Design of inverter

Outcomes of the Program:

At the end of this course the student will be able to

1. Understand different types of converters.
2. Understand the need of controllers



Coordinator



HOD-EEE
Head of The Department
Electrical & Electronics Engg.
GIET(A), RAJAHMAHENDRAVARAM



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GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (A)

NH – 16, CHAITANYA KNOWLEDGE CITY, GIET CAMPUS, RAJAHMUNDRY

Andhra Pradesh - 533296 Website: <http://www.giet.ac.in> principal@giet.ac.in

Date:28/11/2022

PROGRAM REPORT

Name of the Event : VLSI Design Technology Trends

Date : 21-11-2022 to 26-11-2022

Resource Persons : Mrs.K.Jyothi, Associate Professor ECE, GIET(A)

Email Id : kilari.jyothi@giet.ac.in

Contact number : 9492390096

Mr.N M R L Rao, Assistant Professor ECE, GIET(A)

Email Id : nmrrao@giet.ac.in

Contact number : 9959426471

Name of the coordinator : Mr.N.M.R.L.Rao

Number of students attended : 53

Number of faculty involved: 3

Venue : Main Block, Simulation Lab

Objectives of the Program :

- To know the basic knowledge on Advanced Semiconductor Technologies
- To impart the knowledge introduction to VLSI Design and Technology Trends
- Learn about SOC Design trends

Topics covered :

- Introduction to VLSI Design and Technology Trends
- Advanced Semiconductor Technologies
- Design Automation and Tools
- System-on-Chip (SOC) Design Trends
- Low Power Design and Energy Efficiency
- Design for Testability and Reliability

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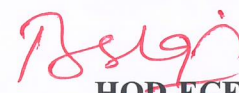
Outcome of the Program :

On Completion of this course, the students will be able to

1. Understanding of VLSI Design Fundamentals: Gain a solid understanding of VLSI design principles and methodologies. Comprehend the historical context and evolution of VLSI technology.
2. Knowledge of Advanced Semiconductor Technologies: Understand the underlying principles of advanced semiconductor technologies like FinFET, Analyze the benefits and challenges associated with emerging memory technologies.
3. Proficiency in Design Automation Tools: Learn to use Electronic Design Automation (EDA) tools for various stages of VLSI design. Gain hands-on experience in RTL design, synthesis, physical design, and timing analysis.


Coordinator


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HOD-ECE
Head of the Department
Department of
ELECTRONICS & COMMUNICATION ENGG.
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY (A)
Rajamahendravaram-533 296.

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (A)

NH – 16, CHAITANYA KNOWLEDGE CITY, GIET CAMPUS, RAJAHMUNDRI

Andhra Pradesh - 533296 Website: <http://www.giet.ac.in> principal@giet.ac.in

Date: 30-08-2022

PROGRAM REPORT

Name of the Event: Employability skills (Group discussions and Personal Interview Sessions)

Date: 22-08-2022 to 27-08-2022

Resource Persons: Dr. M. Vijaykumar Professor, MBA, GIET(A).

Email.id: vijaykumar@giet.ac.in

Contact number: 8978474999

Mrs. B. Sushmita, Associate Professor, MBA, GIET(A).

Email.id: sushmithabavesetti@giet.ac.in

Contact number: 8464064230

Name of the Coordinator: Mr. R. Raja

Number of students attended: 58

Number of faculty involved: 5

Venue: VB BLOCK

Objectives of the Program:

- The students will try to learn:
- Techniques of Career planning and Goal Setting
- Group Discussion Techniques
- Role of Non-Verbal Communication during Group Discussion and Interviews

Topics covered:

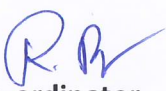

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- Activity on ensure contribute to the group
- Activity on manage body language
- Activity on manage conflicts effectively
- Activity on manage time
- Activity on Include others
- Activity on ensure a team player
- Activity on communication
- Activity on analysis and interpretation
- Activity on team working
- Activity on influencing
- Activity on change work culture
- Activity on gang composition

Outcomes of the Program:

On Completion of this course, the students will be able to

- Plan the achievable career goals
- Eliminate the stage fear for effective communication
- Attain confidence and positive attitude at work place


Co-ordinator


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HOD-DMS
Head of the Department
DEPARTMENT OF MANAGEMENT STUDIES
GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
RAJAHMUNDRY - 533 294

**GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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NH-16, Chaitanya Knowledge City, Rajahmundry

Department of Mechanical Engineering

Date: 10-1-2022

PROGRAM REPORT

Name of the Event: COMPUTATIONAL FLUID DYNAMICS

Date: 03-01-2022 to 08-01-2022

Resource Person: Mrs.E.Nirmala Devi,

Associate Professor, ME, GIET(A).

Email Id : enirmala@gieta.ac.in

Contact Number : 9493282245

Mr. Mr.Shaik Nayeem,

Assistant Professor, ME, GIET(A).

Email Id : nayeem.mech9@gmail.com

Contact Number : 7095754195

Name of the Co-ordinator: Mrs.E.Nirmala Devi

Number of students attended: 45

Number of faculty involved: 5

Venue: MB Block SIMULATION LAB

Objectives of the Program:

The main objectives of the program are:

- To study the basic governing equations and understand the basic properties of CFD.
- To understand discretization techniques and solving methods for improving accuracy.
- To inculcate the knowledge required to solve real time physical problems using simulation software.


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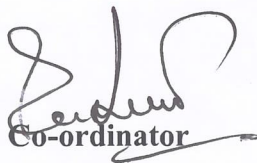
Topics covered:

- The basics of the finite volume method for incompressible flows on two-dimensional Cartesian grids.
- Topics include the discretization procedure, interpolation techniques, boundary conditions, flow visualization using ParaView,
- CFD errors and uncertainty.

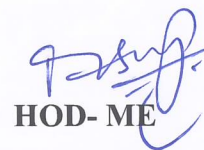
Outcomes of the Program:

On Completion of this course, the students will be able to

1. To introduce the student to widely used techniques in the numerical solution of fluid equations.
2. issues that arise in the solution of such equations.
3. modern trends in CFD.



Co-ordinator



HOD- ME

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY A T



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(AUTONOMOUS)**

**NH-16, Chaitanya Knowledge City, Rajahmundry
Department of Mechanical Engineering**

Date: 8-08-2022

PROGRAM REPORT

Name of the Event: ADDITIVE MANUFACTURING

Date: 01-08-2022 to 06-08-2022

Resource Person: Dr.G.Rama krishna,

Associate Professor, ME, GIET(A).

Email Id : ggkrishna999@gieta.ac.in

Contact Number : 9666506099

Mr. D.AJAY KUMAR ,

Assistant Professor, ME, GIET(A).

Email Id : ajaykumar.d@gieta.ac.in

Contact Number : 9985827728

Name of the Co-ordinator: Dr.G.Rama krishna.

Number of students attended: 54

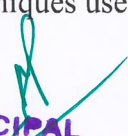
Number of faculty involved: 3

Venue: MB Block :305

Objectives of the Program:

The main objectives of the program are:

- 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.


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- To create physical objects that facilitates product development/prototyping requirements.

Topics covered:

- Introduction to Additive Manufacturing
- AM evolution, Steps in AM, Classification of AM processes
- VATPHOTOPOLYMERIZATION AM PROCESSES
- MATERIAL JETTING AND BINDER JETTING PROCESSES
- SHEET LAMINATION AM PROCESSES
- POWDER BED FUSION AM PROCESSES

Outcomes of the Program:

On Completion of this course, the students will be able to

1. Understand the principles and working of various liquid based AM processes.
2. Learn the principle of operation of extrusion based AM processes.
3. Understand the process details of various sheet lamination AM processes.
4. Learn the various powder based AM processes.
5. Understand the principles and working of various directed energy deposition processes.



Co-ordinator



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HOD- ME

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY A.P

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(AUTONOMOUS)**

NH-16, Chaitanya Knowledge City, Rajahmundry

Department of Mechanical Engineering

Date: 24-07-2023

PROGRAM REPORT

Name of the Event: HANDS ON 3D PRINTING

Date: 17-07-2023 to 22-07-2023

Resource Person: Dr.B.K.C.Ganesh,

CEO & Founder of Print 3D Technologies,

Tirupati

Email Id : gbadathala@gmail.com

Contact Number : +919885425863

Mr. K. Sreenivasa Reddy,

Assistant Professor, ME, GIET(A).

Email Id : ksreddy@gieta.ac.in

Contact Number : 9492143415

Name of the Co-ordinator: Mr. K. Sreenivasa Reddy.

Number of students attended: 47

Number of faculty involved: 5

Venue: MB Block SIMULATION LAB

Objectives of the Program:

- 3D Printing is a method of creation that requires computer skills. This course will allow students to discover the potential of 3D printing.
- This course is an excellent option for anyone who ever wanted to prototype an invention, create a work of art, customize a product.

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- Students may enroll for the course which will spread over minimum 30 hrs in a semester. Industries and institutions are fast adopting 3D Printing.
- They employ engineers and designers with 3D printing training as prototype and product engineers.
- 3D Printing experts are employed in design houses that provide 3D design, 3D computer-aided design (CAD) modeling, biological and scientific modeling.

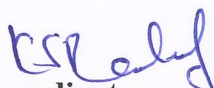
Topics covered:

- Introduction to 3D printing: FDM (Fused Deposition Modelling)
- Brief history of 3D printing. From CNC (Computer Numeric Controlled) to FDM (Fused Deposition Modelling).
- 3D printers.
- 3D printing materials
- Main websites to download printable 3D file.
- Software for the design of 3D models.
- Other applications of 3D design: Autodesk, SolidWorks, Sketchup, etc.
- 3D graphic files standards: *.OBJ; *.3MF; *.SCAD; *.STL; *.AMF.

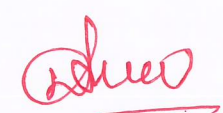
Outcomes of the Program:

On Completion of this course, the students will be able to

- the parts and the way that 3d printers function.
- the materials used in 3d printing.
- the areas of human activities in which 3d printing is used.
- use of 3d applications and their tools, to design models for 3d printing including tinker cad and blender.


Co-ordinator


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HOD- ME
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDY A.P