

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (A)

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

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

Date: 21-10-2020

PROGRAM REPORT

Name of the Event: EXPLORING DESIGN AND DRAFTING IN THE DIGITAL AGE

Date: 12-10-2020 to 16-10-2020

Resource Persons: S V H PRASAD Assistant Professor, CE, GIET(A).

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RAJENDRA ALLA , Associate Professor, CE, GIET(A).

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Name of the Coordinator: Mr. A. Rajendra

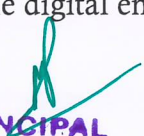
Number of students attended: 58

Number of faculty involved: 3

Venue: VB Block AVEVA Lab.

Objectives of the Program:

- Provide an overview of how digital tools have transformed the design and drafting processes.
- Explain the advantages of digital design over traditional methods.
- Introduce participants to popular digital design and drafting software applications, such as AutoCAD, Revit, SketchUp, or similar tools.
- Teach participants how to navigate the software interface.
Cover the basics of creating digital drawings, including setting up drawing sheets, layers, and scales. Demonstrate how to create 2D and 3D drawings.
- Explore techniques for precise and efficient drafting in the digital environment, including drawing lines, shapes


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Topics covered:

- Introduction to AutoCAD and Digital Design
- Creating 2D Drawings and Geometric Shapes
- Advanced Drawing Techniques and Editing
- Introduction to 3D Modelling
- Assembling Projects and Layouts

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.  S. Vamitha Prasad
2.  A. Rajendra

Co-ordinator



HOD-CE

Head of the Department
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