

### About the Institute:

VNR Vignana Jyothi Institute of Engineering and Technology (VNRVJIET), sponsored by "VIGNANA JYOTHI", an educational society, started by a group of Industrialists, Technocrats and Professionals, has started functioning from the year 1995. The Institute is an established, premier research and innovation driven engineering college which has made a mark for itself in providing quality education for more than two decades. The Institute is approved by AICTE and affiliated to JNTUH. The Institute offers 14 B.Tech. and 13 M.Tech. and Ph.D. (AICTE-NDF, JNTUH) Programmes. It has UGC Autonomous status up to A.Y. 2028-2029 and has been accredited by NAAC "A++" grade, B.Tech. programs CE, EEE, ME, ECE, CSE, EIE, IT and AE are accredited by NBA. The Institute got 113 NIRF rank in Engineering category in NIRF 2021. It is consistently ranked among the top few engineering colleges at the national level and in both the states of Telangana and Andhra Pradesh. The Institute is also rated "Diamond" in Overall category by QS I-GAUGE.

### About the Department:

The Department of Automobile Engineering was started in the year 2010 with an intake of 60. Keeping itself up to date with the latest developments in the field with a dedicated team of highly qualified and experienced faculty in various streams of automobile engineering, the department consistently strives to provide world-class facilities for education and research. The Department has laboratories with a modern and state-of-art-equipment, well-furnished seminar hall and a library with a collection of various

journals, magazines, and books. The Department also maintains a close liaison with many Industries through faculty research and collaborative projects. Industry training and identifying industry-relevant problems for research is a special characteristic of the programs offered by the department. Faculty members are continually publishing the results of their research work as technical papers in international and national journals and conferences.

### Organizing Committee

#### Chief Patrons

**Dr. D. Suresh Babu**

President-Vignana Jyothi

**Er. J. Seshagiri Rao**

General Secretary-Vignana Jyothi

#### Patrons

**Dr. C. D. Naidu**

Principal, VNRVJIET

**Dr. B. Chennakesava Rao**

Director for Advancement

#### Convener

**Dr. T. Srinivasa Rao**

Professor and Head, AED

#### Coordinators

**Dr. M.Venkata Ramana**

Professor

**Dr. GVL Prasad**

Assistant Professor

**Mr. Devunuri Suresh**

Assistant Professor

**Mr. M. Krishna**

Assistant Professor

**G. Narayanamma**  
Principal  
Technology & Science (for women)  
(AUTONOMOUS)  
Faculty and Staff of Automobile Engineering Dept.  
Hyderabad 500 104

## One-Week Online Faculty Development Program (FDP)

on

## Engineering Graphics Through AUTOCAD

(03<sup>rd</sup> – 07<sup>th</sup> April 2023)



Organized by

Department of Automobile Engineering



**VNR Vignana Jyothi Institute of  
Engineering and Technology**

Vignana Jyothi Nagar, Pragathi Nagar  
Nizampet (S.O), Hyderabad – 500 090  
Telangana State, India





### Overview of the Program:

Engineering graphics is an important aspect of engineering design and AutoCAD is one of the most commonly used software applications for creating engineering graphics. AutoCAD is a computer-aided design (CAD) software that allows engineers and designers to create 2D and 3D drawings, models, and simulations.

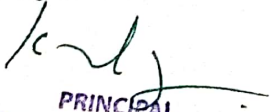
In this FDP using AutoCAD, participants can create engineering graphics by using a variety of tools and features such as lines, circles, arcs, polygons, splines, hatching, text, dimensions, and more. These tools can be used to create precise and accurate drawings for a wide range of engineering applications, including architectural, mechanical, electrical, civil, and structural design.

### Objectives of the Program:

The main objective of this program is to enlighten the participants about the focused on specific aspects of AutoCAD, such as drafting, modelling and practice of Engineering Graphics problems using AUTOCAD.

### Who Can Participate?

This Online Faculty Development Program (FDP) is open to Faculty members, Industry Professionals engaged in teaching and drafting, modelling of machine elements or any other allied areas.

  
**PRINCIPAL**  
G. Narayanamma Institute of  
Technology & Science (for women)  
(AUTONOMOUS)  
Shaikpet, Hyderabad - 500 104

### How to Apply:

Eligible candidates may apply by submitting the details through the Google form before 20<sup>th</sup> March 2023.

### No Registration Fee

<https://forms.gle/Jmi1GovUMBDWNIRS6>

### Confirmation of Participation:

On receipt of the registration form, participants will be sent a confirmation of their participation through E-mail by 20<sup>th</sup> March 2023. The details regarding schedule and link for online platforms will be shared only to registered participants through the mail. The number of participants for this program is limited to 50 only (first come first serve basis). E-Certificate will be provided to those who have attendance >75%, filled the daily feedback form.

### Topics:

- Features of AUTOCAD
- Practice of Engineering Graphics problems through AUTOCAD
  - Engineering curves
  - Scales
  - Projections of points, lines, planes
  - Projections of solids
  - Sections and development of surfaces of solids
  - Isometric projections
  - Orthographic projections
  - Introduction to Solid modelling

### Resource Persons:

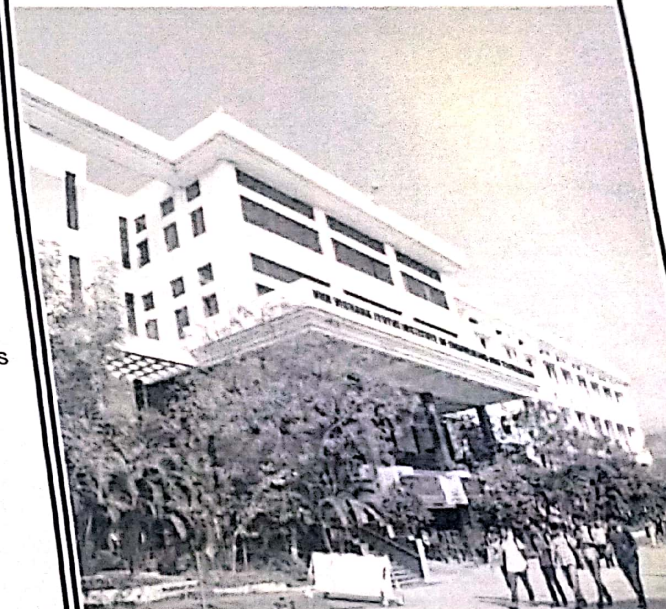
*Dr. M. Venkata Ramana*  
Prof., Department of AE, VNRVJiet

*Dr. GVL Prasad*  
Asst. Prof., Department of AE, VNRVJiet

### Contact Details

Mr. D. Suresh, Asst. Professor,  
suresh\_d@vnrvijet.in

Mr. M. Krishna, Asst. Professor  
Krishna\_m@vnrvijet.in





G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)  
(AUTONOMOUS)  
Shaikpet, Hyderabad - 500104

Department: Mechanical Engineering

2022-23

REPORT

FDP on "Engineering Graphics Through AUTOCAD"

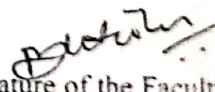
Date of program: 03-04-2023 to 07-04-2023


Resource persons: 1) Dr. Venkata Ramana, Prof, Department of AE, VNRVJIET

2) Dr. GVL Prasad, Asst. Prof, Department of AE, VNRVJIET

**About the Program:** In this FDP using AutoCAD software we learned how to create Engineering Graphics diagrams by using a variety of tools and features such as lines, circles, arcs, polygons, splines, hatching, text, dimensions, and more. These tools can be used to create precise and accurate drawings for a wide range of engineering applications, including architectural, mechanical, electrical, civil, and structural design

member

  
Signature of the Faculty

  
PRINCIPAL  
G. Narayanamma Institute of  
Technology & Science (for women)  
(AUTONOMOUS)  
Shaikpet, Hyderabad - 500 104.