

# ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Petroleum Technology One Day Workshop on Application of MATLAB Report

- Venue** : Room No. 302, CAD/CAM Lab, K L Rao Bhavan
- Date** : 06-04-2021
- Resource person** : Dr. Leela Manohar Aeshala, Assistant Professor, Department of Chemical Engineering, NIT Hamirpur.
- Number of participants** : 41
- Objective** : The objective of this workshop is to impart datasets for analysis, plot the datasets and to encourage students towards academic research.
- About the workshop** : The Department of Petroleum Technology has organized a workshop on one-day Skill Development Workshop on "Application of MATLAB" for PT students. The resource person focused on interactive tools for design, problem solving, analyses system layout and shading issues, mathematical function libraries, graphics and data visualization tools.
- Outcomes** : At the end of the workshop, participants able to
- Explain the importance of some basic concepts of high-level language of technical computing, development environment for engineers & scientists.
  - Understand about analyses system layout and shading issues, mathematical function libraries, graphics and data visualization tools.
- Closing Remarks** : At the end of the workshop, convenor has given vote of thanks and felicitated the resource person with a memento for his valuable lecture about Application of MATLAB.
- The convenor of the program handed over Rs.10,000/- to the speaker as a token of gratitude.



Speaker explaining about the plots by using MATLAB tools

#### ABOUT THE WORKSHOP

MATLAB Programming is one of the most important technical programming languages and skills today. MATLAB Programming is an easy and understandable programming language and is an excellent choice for those who want to learn to program for the first time. Engineering companies often use MATLAB to prototype and validate their ideas before committing to building it with other programs like Java, Python, C, and C++. The workshop would consist of interactive lectures and sample MATLAB problems that the students generally face. This workshop would provide a general introduction to the MATLAB computing environment, and would be intended for beginning users and those looking for a review.

#### OUTCOMES

By the end of this programme, the participants would be able to:

- Use MATLAB effectively to analyze and visualize data.
- Apply numeric techniques and computer simulations to solve engineering-related problems.
- Apply a top-down, modular, and systematic approach to design, write, test, and debug sequential MATLAB programs to achieve computational objectives.

#### RESOURCE PERSON

**Dr. Leela Manohar Aeshala**

Assistant Professor

Department of Chemical Engineering

NIT Hamirpur, Himachal Pradesh 177005

#### COORDINATOR

**Mr. M V S Anuprakash,**

Assistant Professor

Aditya Engineering College

#### CONVENOR

**Dr. R Giri Prasad**

Associate Professor & HOD

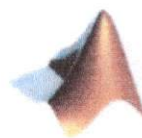
Department of Petroleum Technology

"One-day Skill Development workshop

on

**Application of MATLAB-**

April 06<sup>th</sup>, 2021



**MATLAB**

Organized by

Department of

Petroleum Technology



**ADITYA ENGINEERING COLLEGE(A)**

Aditya Nagar, ADB Road, Surampalem-Pin: 533437.

East Godavari District, Andhra Pradesh, India

**PRINCIPAL**

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**Brochure**

**Head of the Department**

**Department of Petroleum Technology**

**Aditya Engineering College**

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