

PROGRAMME SCHEDULE:

Day 1: 03/08/2023

1	Inaugural Function	09:30am to 10:00am
2	Session-I by Dr. Ch. Srinivasa Rao	10:00am to 11:00am
3	Tea Break	11:00am to 11:15am
4	Session-I contd..	11:15am to 12:30pm
5	Lunch Break	12:30pm to 01:30pm
6	Session-II by Dr. T. Vamsinadh	01:30pm to 02:45pm
7	Tea Break	02:45pm to 03:00pm
8	Session-II contd...	03:00pm to 04:00pm

Day 2: 04/08/2023

1	Session-I by Dr. Ch. Srinivasa Rao	09:30am to 10:30am
2	Tea Break	10:30am to 10:50am
3	Session-I contd..	10:50am to 12:00pm
4	Lunch Break	12:00pm to 01:00pm
5	Session-II by Dr. T. Vamsinadh	01:00pm to 03:00pm
6	Tea Break	03:00pm to 03:15pm
7	Valedictory	03:15pm

REGISTRATION LINK:

<https://forms.gle/b9w5uVuGh7wS58B99>

(or)

<http://bit.ly/3rkCUdY>

(or)

[scan the following QR Code](#)



FDP Registration Amount **Rs. 200/-** can be paid through GPay / PhonePe to the number: **9290728511 (Prameela)**.

❖ Lunch will be provided to all participants

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Two-day Faculty Development
Programme
On

**Mathematical Sciences
&
Engineering Applications**
(3rd & 4th August, 2023)
(Offline mode)

Sponsored by
Siddhartha Academy of General &
Technical Education



**ORGANIZERS
FACULTY OF MATHEMATICS
FRESHMAN ENGINEERING DEPARTMENT**

**PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF
TECHNOLOGY**

(Permanently Affiliated to JNTUK & Approved by AICTE,
All UG Programmes are Accredited by N.B.A, NAAC A+,
An ISO 9001:2015 Certified Institution)

**Kanuru, Vijayawada- 520 007.
Andhra Pradesh.**

About the Institute and Vijayawada



Prasad V. Potluri Siddhartha Institute of Technology is one of the 18 Institutions sponsored by Siddhartha Academy of General and Technical Education. The institution is established in the year 1998 with a strong mission of quality technical education through continuous non-compromising interactive teaching. The institution offers seven Under Graduate programmes and four Post Graduate programmes. All eligible programmes are accredited by NBA.

P.V.P.S.I.T. is located in the historic city of Vijayawada formerly known as Bezawada located on the bank of river Krishna in the coastal area of Andhra Pradesh in the Southern region of India. The city is a large commercial centre and famous for Goddess Kanaka Durga Temple on the Indrakiladri Hills. Vijayawada is also a renowned education center in the state of Andhra Pradesh. The Railway Station, Bus Stand and Airport are at a distance of 10 KM each from college.

About the Department

The Freshman Engineering Department has 28 highly experienced faculty members who enable students to develop a strong base of fundamental knowledge with values to mould themselves into future technocrats of great worth. At present there are 8 faculty members in Mathematics, with 5 Ph.D. holders and one member pursuing Ph.D. The faculty members of Mathematics are involved in Research activities and have published/presented papers in National and International Journals as well as Conferences.

OBJECTIVES OF FDP

- To disseminate recent trends in Mathematics for improving application oriented Mathematics.
- To discuss strategies for effective involvement of Mathematicians in improving the standard of Engineering Mathematics.
- To expose participants to Mathematical tools related to engineering Mathematics.
- ❖ To offer interesting insights and diverse perspectives to all stake holders through expert's talk.
- To network with the Mathematicians and identify good practices in the field of Mathematics.

This FDP provides insight in the following areas of Mathematics

1. Linear systems of ordinary differential equations and some applications. Applications include Love affairs, marriage dynamics, and battle of Trafalgar.
2. Turing's diffusion driven instability and pattern formation. Applications include animal coat patterns, patterns of butterfly wings.
3. Applications of integration.
4. Applications of Banach contraction principle.

RESOURCE PERSONS

The faculty from reputed institutions will deliver the lectures in this FDP.

1. **Dr. Ch. Srinivasa Rao**
Professor, Department of Mathematics,
I.I.T. Madras.
2. **Dr. T. Vamsinadh**
Asst. Professor, Department of Mathematics,
N.I.T. Tiruchirappalli.

Venue: E-class Room : Room No. 255

ELIGIBILITY:

FDP is open to all Engineering & Mathematics faculty from AICTE approved Engineering colleges, faculty working in UG/ PG colleges, Research Scholars.

Registration fee: Rs.200/-

IMPORTANT DATES :

Event on 3rd & 4th August, 2023

Last date for Registration: 31-07-2023

For further information contact:

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