

REGISTRATION FORM

“Mathematical Modelling and Applications of Mathematics in Engineering-2019” (MMAME-2019)

19th – 20th July, 2019

Full Name: _____

(In Capital) _____

Registration type:

☐ Faculty Member

☐ Student / Research Scholar

Enrollment No: _____

Branch / Department: _____

Name of Institute: _____

Address for Correspondence: _____

E-mail: _____

Mobile No: _____

UPI Transaction Id: _____

Place:

Date:

Signature

REGISTRATION FEES

Student / Research Scholar : ₹ 200

Faculty Member : ₹ 300

IMPORTANT DATES

Last date of Registration: 14th July, 2019

Intimation of Selection: 16th July, 2019

Date of seminar: 19th - 20th July, 2019

TIME

08:45 am onwards

VENUE

A-105, Seminar Hall,

Gandhinagar Institute of Technology

Khatraj - Kalol Road, Moti Bhoyan, Ta. Kalol,

Dist. Gandhinagar-382721

ORGANIZING COMMITTEE

PATRON

Dr H N Shah

CONVENER

Dr Umang R Patel

COORDINATORS

Dr Mihir Suthar (8347010889)

Prof. Tejas Shah (8866810061)

FOR ANY QUERY, CONTACT US ON

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Department of Science & Technology
Government of Gujarat



GANDHINAGAR INSTITUTE OF TECHNOLOGY

(Affiliated to Gujarat Technological University)



19th -20th July, 2019

Mathematics and Humanities Department

Organizes

Two Days State Level Seminar

on

*“Mathematical Modelling and Applications of Mathematics in Engineering-2019”
(MMAME-2019)*

Sponsored by

Gujarat Council on Science and Technology
(Department of Science & Technology)

ABOUT INSTITUTE

Gandhinagar Institute of Technology has been established by Platinum Foundation in 2006, affiliated to Gujarat Technological University and approved by AICTE. It is located 15 kilometres from Ahmedabad in 11 acres of lush green land. It runs undergraduate engineering courses in CE/IT/ME/CL/EC/EE, postgraduate engineering courses in CE, ME and MBA. The institute has Dynamic and dedicated professors, State of art Laboratory, Wi-Fi enabled campus, Seminar halls, Cafeteria, Open Air Theatre, Amphi Theatre and Centrally air conditioned 3 star rated Resource Centre of IIT Bombay. It runs active local chapter of NPTEL, IIT Madras, ISHRAE, SAE, 4 star rated Open Source Technology Club, Mobile and Wireless Technology Club. It has dedicated placement cell, awarded by ASSOCHAM for providing Best Campus Placement, 94.3 My FM award for Excellence in faculty and GTU award for creating student innovation and start-up Ecosystem on Campus. GIT believes in 360° development of students with quality education, During/after programme students are able to take industry challenge with confidence, which finally turns into almost 100% placement.

VISION

To develop young engineers with active and creative minds, a sense of understanding and sympathy for others and the courage to act on their beliefs. We stress the total development of each student: spiritual, moral, intellectual, social, emotional and physical.

MISSION

To treat every student as an individual, to recognize his / her potential and to ensure that he / she receives the best preparation to help one meets their career ambitions and goals.

ABOUT DEPARTMENT

Department of Mathematics and Humanities plays a significant role in being the crux of an envision institution rendering comprehensive skill development of students.

The department is involved in teaching the subjects viz. Calculus, Linear Algebra, Advanced Engineering Mathematics, Complex Analysis, Numerical Analysis and Statistical Methods. Also the department emphasize on Physics, English, Effective Communication and technical Skills to undergraduate students. The department helps students to express themselves effectively and create proficient engineers who can be globally challenged in engineering fundamentals.

ABOUT SEMINAR

Mathematical models are used in every branch of engineering. They are also useful in natural science such as Physics, Biology, Earth science, Meteorology and Social science. There are many mathematical models like statistical models, logical models, differential equations, dynamical systems etc. Modeling is an experimental tool for testing theories and assessing quantitative conjectures.

A model is a description of a system, theory, or phenomenon that accounts for its known or inferred properties and may be used for further study of its characteristics.

By extension, a mathematical model is a mathematical structure, that can be used to describe and study a real situation. The model formulation process clarifies assumptions, variables and parameters. The behavior of precise mathematical models can be analyzed using mathematical methods and computer simulations.

TOPICS TO BE COVERED

- Introduction of mathematical modelling.
- Mathematical modelling through differential equations.
- Solutions of ordinary differential equations and partial differential equations
- Applications of ordinary differential equations and partial differential equations.

RESOURCE PERSONS

Talk will be delivered by experts from IITs or well known Universities, which provides best knowledge to the participants for further study.

WHO CAN PARTICIPATE?

Students, Research scholars and faculty members of any branches from Degree engineering colleges and students of B.Sc./M.Sc. in Mathematics within Gujarat are eligible to participate. Only first 120 entries will be entertained.

HOW TO APPLY?

Participants have to mail scan copy of filled registration form or to fill Google form via link <https://tinyurl.com/y68qoloc> on or before 14th July, 2019.

Participants can pay registration fees through Google pay on Mobile no.: 8347010889

Registration form QR Code:

