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ABOUT THE FDP:

Department of Applied Sciences & Humanities, Institute of Engineering & Technology, Lucknow (An Autonomous Constituent College of Dr. APJ Abdul Kalam Technical University, Lucknow) is organizing AKTU-AICTE Sponsored 05-Day online Faculty Development Programme on "Mathematical Modelling & its Applications in Engineering" from 06th to 10th of July, 2020 through webinar. The FDP is designed to bring together under the same canopy the researchers, academia from different parts of the country for exchanging and sharing the recent development in the field of "Mathematical Modelling".

Engineering and Scientific problems can be expressed with mathematical analogy models, which provide the system characterisation like original physical system. The mathematical models are very essential for all systems in engineering point of view. For realising this, in depth knowledge of mathematical concepts and advances are important. The FDP discusses about

the mathematical analysis of systems and to optimise the systems with different techniques. This is very important for all science and engineering streams.

ABOUT AICTE:

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level Apex Advisory Body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. The main objectives of AICTE are:

- ◆ Promotion of Quality in Technical Education.
- ◆ Planning and Coordinated Development of Technical Education System.
- ◆ Regulations and Maintenance of Norms and Standards.

Web: <https://www.aicte-india.org/>

ABOUT AKTU:

Dr. A.P.J. Abdul Kalam Technical University (AKTU) (formerly UPTU) was established by the Government of Uttar Pradesh, on May 8, 2008. The University is affiliating in nature and its jurisdiction spans the entire state of Uttar Pradesh in affiliating B.Tech. , M.B.A., M.C.A., B. Arch., B.Pharm. , B.H.M.C.T., M.Tech. and Ph.D. programmes affiliated/associated/ constituent colleges. AKTU envisions in facilitating and nurturing the quality of technical education and research in its own premises as well as all affiliating institutions.

Web: <https://aktu.ac.in/>

ABOUT IET LUCKNOW:

The IET was established by the Government of U.P in 1984, for imparting engineering education and for promoting technological research to generate suitable technical manpower. The Institute is among one of the leading institutes in UP and an autonomous Institute under Govt. of Uttar Pradesh. However, with effect from June 2012 the Institute became an autonomous Constituent Institute of Dr. APJ Abdul Kalam Technical University, Lucknow. The Institute is committed to quality and excellence in academic pursuits.

Web: <https://www.ietlucknow.ac.in/>

BRIEF PROFILE OF THE DEPARTMENT OF APPLIED SCIENCES & HUMANITIES, IET LUCKNOW

The Department of Applied Sciences was established with the mission to connect pure and basic sciences and humanities with engineering practices. The Department offers core courses in Mathematics, Physics, Chemistry and Humanities to impart basic input among undergraduate and post graduate students. The

Department also facilitates inter-disciplinary Ph.D. programme in Mathematics, Physics, Chemistry and Humanities with the help of highly qualified faculties.

One Week Online Faculty Development Program (Through Webinar)

On

Mathematical Modelling & Its Applications in Engineering



AICTE - AKTU

Joint Short-Term
Training Programme



July 06-10, 2020

Sponsored by

AICTE & AKTU

Organized by



Department of Applied Sciences & Humanities
Institute of Engineering & Technology, Lucknow

Contact

DR. S.N. MISHRA

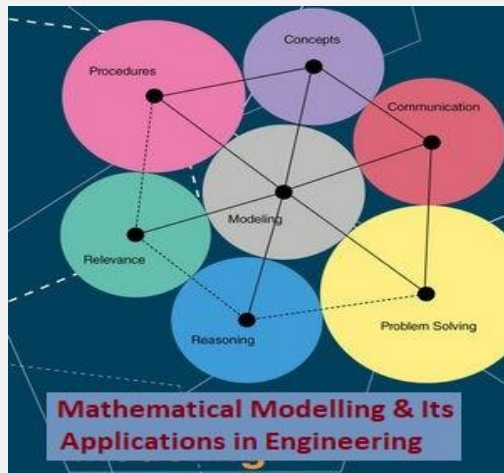
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Institute of Engineering & Technology
Lucknow

Faculty Development Program
on
Mathematical Modelling & its Applications in Engineering



COURSE MATERIAL:

Hard or soft copies of lecture notes and presentations will be made available to participants at the end of FDP. Registration kit, lunch and tea will be provided to the participants.

OBJECTIVES OF THE PROGRAMME

Mathematical modelling helps and works as backbone to identify research problem and to design research frame-work. This programme will also help to search and develop a mathematical model of the real life problem and to check the validity of model for the existence and uniqueness of its solution. The programme will also address the following issues-

- Current development in mathematical modelling research areas
- Applications to Engineering & Sciences

WHO CAN ATTEND?

The programme is open to the teachers, scientists and engineers, research scholars. No course fee will be charged to participants.

HOW TO APPLY?

The registration can be done in following two modes:

1-Submission of Registration Form: Participants are required to download the registration form from the following link:

[Download Registration Form](#)

Kindly fill in the downloaded form manually and get it duly signed by concerned authority (Principal/Director) of your institute and send the scanned copy of the registration form to "asdiet20@gmail.com" on or before 30th June, 2020. Participants are also required to submit hard copy of the registration form on the first day of FDP.

2. Submission of Online Application Form: Kindly fill your details to be provided in the online application form in the given link [Online Registration Form](#) and submit it before June 30, 2020.

SELECTION CRITERIA:

Due to limited seats, selection will be done based on first-come-first-serve basis. The list of selected participants will be intimated through e-mail. Candidates will be issued certificates on successful completion of the course.

VENUE:

Department of Applied Sciences & Humanities, Institute of Engineering & Technology, Sitapur Road, Lucknow

IMPORTANT DATES:

Last Date of Registration: June 30, 2020

Intimation of Selection: July 02, 2020

Duration of Program: July 06-10, 2020

Online Link for the FDP will be shared to all registered participants at appropriate time before the FDP.

REGISTRATION FORM

1. Name:
2. Designation:
3. Department:
4. Organization:
5. Email-ID:
6. Mobile No.:
7. Aadhar No.:
8. Organization Address:
9. Address for Correspondence:
10. Educational Qualification:
11. Teaching cum Research Experience:
(in years)

Place:

Date:

Signature of
Applicant

Signature & Seal
(Head of Dept. / Institute)