

DELEGATE REGISTRATION FORM

Name(Block Letters):
Organization/Institution:
Designation:
Address:
Contact No.: WhatsApp No.....
Fax: Email:

Registration Category:

- Invertis University(No Registration Fee Required)
 Other University/College/Organization.

REGISTER HERE

The delegates / participants can join the FDP by registering on the following google form link:

Link: <https://forms.gle/JULdvHGms8oijd3A>

***Registration Fee: 1500/-**

Last Date of Registration is 15th July 2022,
(Limited Seats, registration will be on first come, first serve basis.)

Authorized Certificate will be provided to all attendees.

FEE GATEWAY

HDFC Bank Account No 08601450000752
IFSC Code No HDFC0000860
Name of the Branch - Mohini Hospital,
Priyadarshini Nagar Branch, Bareilly
Name of Beneficiary - Invertis University
MICR Code -243240003

FOR ANY QUERY

 7217011283, 7217011288, 7217011299

 fdp_foet_2022@invertis.org

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Assistant Professor,
Deptt. of Civil Engineering,
Invertis University, Bareilly

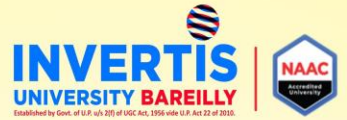


Mr. Pankaj Tripathi
Assistant Professor,
Deptt. of Electrical Engineering,
Invertis University, Bareilly

ORGANIZING SECRETARY



Mr. Dheeraj Sagar
Assistant Professor,
Deptt. of Mechanical Engineering,
Invertis University, Bareilly



One Week
Faculty Development Programme(FDP)
on

FINITE ELEMENT METHOD FOR ENGINEERING APPLICATION



18th -23rd July, 2022
10:00 am onwards



Organised
by

Faculty of Engineering & Technology
(Departments of Civil, Mechanical & Electrical Engineering)



Invertis University, Bareilly

Invertis Village, Delhi Lucknow Highway
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<https://www.invertisuniversity.ac.in>

ABOUT THE INVERTIS UNIVERSITY

Invertis University is a NAAC Accredited private university located in Bareilly, Uttar Pradesh, India. It is situated on Bareilly-Lucknow NH-24, equidistant 250 km from the national capital Delhi and state capital Lucknow. From a humble beginning in 1998, Invertis has come a long way, from 83 students and one Institute - Invertis Institute of Management Studies, today we stand tall as a full-fledged University with 10 different faculty structures under its name. We offer a range of Doctoral, Post Graduate, Under Graduate & diploma Programmes in Management, Law, Commerce, Computer Applications, Agriculture, Pharmacy, Education, Journalism & Mass Communication, Bio-Science & Technology, Science, Fashion Design and Engineering & Technology. At Invertis, we believe that the success of a teacher comes along with the achievements of a student. To ensure that our students succeed, we make sure that they get the best. Invertis pioneered the concept of holistic development, an approach of more than just text book studying and an all-round approach of learning. It stems from the old management concept of, "Keep your feet warm, back straight and head cool."

ABOUT DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering was established in 2008 with an aim of producing skilled human resources and a strong foundation in Mechanical Engineering for the heavy Engineering and Manufacturing Industries. The Department is presently offering Diploma, B. Tech, M. Tech, (specialization in Production and Thermal Engineering), and Ph. D. programs in Mechanical Engineering. The department of Mechanical Engineering is one of the leading departments in terms of research and development with a dedicated team of research oriented faculties from the best of the institutions like IITs and NIITs and one of the faculties being awarded with the prestigious Marie Curie Fellowship. The department has a number of research projects being funded by DST (Govt. of India), European Union (EU) etc. with collaboration of some of the top international universities of the world and modern laboratories, the student of mechanical engineering gets the best of the exposure and guidance to modern day scenario.

ABOUT DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering has been established in 2009. The Department is presently offering Diploma, B. Tech, and Ph. D. programs in Electrical Engineering. The Department effort to facilitate state of the art technical education in the field of Electrical Engineering by infusing scientific climate in the students leading towards research and to grow as centre of excellence in the field. The vision of the department is to provide the best education to the students that are directly applied to problems and situations encountered in real life and get a successful career.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering established in 2011 with an aim of imparting professional knowledge & deliver industry ready Civil Engineers to the society, The Department is presently offering Diploma and B. Tech in Civil Engineering. The department has well equipped laboratories with modern facilities to impart practical knowledge to the students. The department frequently organizes seminars, webinars, guest lectures and industrial visits to keep our students updated with the modern technologies of Civil Engineering. The department have experienced and highly qualified faculties with specialization in diverse field from reputed government institutions of the country. The Department of Civil Engineering collaborated with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India. These critical contributions lead the students to analytically explore and discover wonders of their minds, which in turn synergies together and enable the students transform themselves to become true engineers & technologist of the future, with ethics.

ABOUT FACULTY DEVELOPMENT PROGRAMME (FDP)

The FDP emphasizes on Application of Finite Element Method (FEM) for solving various engineering problems & challenges. The purpose of the FDP is to disseminate the introductory to application level knowledge of the Finite Element Method (FEM), FDP also aims to cover research process & methodology at length in scheduled week long course. For hand on experience about the concepts applicability of the method and different types of formulation procedures will be explain in a complete step-by-step manner. Computer implementation of the methods and use of various packages will also be introduced to the participants/delegates.

FDP TRACKS

- Introduction to Finite Element Method(FEM).
- Fundamentals of FEM with hands on applications with software.
- Models of composite structures using FEM.
- Qualitative & Quantitative methods in Research.
- Non linear dynamic analysis of advanced fiber reinforced composite structures

SCHEDULE OF FACULTY DEVELOPMENT PROGRAMME (FDP) FINITE ELEMENT METHOD FOR ENGINEERING APPLICATION (18th-23rd July, 2022)

Day	Date & Day	Speaker's Name	Session	Timing	Topic
Day 1	18/07/2022 Monday	Dr. Indra Vir Singh	I	11:00 am-12:30 pm	Introduction to Finite Element Methods
Day 2	19/07/2022 Tuesday	Prof.Arun Kumar Sharma	II	02:00 pm-03:30 pm	Introduction to Finite Element Methods...cont.
Day 3	20/07/2022 Wednesday	Prof.Arun Kumar Sharma	III	11:00 am-12:30 pm	Quantitative Methods in Research
Day 4	21/07/2022 Thursday	Prof.Arun Kumar Sharma	IV	02:00 pm-03:30 pm	Quantitative Methods in Research...cont.
Day 5	22/07/2022 Friday	Prof.Mukul Shukla	V	11:00 am-12:30 pm	Qualitative Methods in Research...cont.
Day 6	23/07/2022 Saturday	Dr. Chetan Kumar Hirwani	VII	02:00 pm-03:30 pm	Fundamental of FEM with hands on application with software...cont.
		Dr. Sunkalp Goel	VIII	02:00 pm-03:30 pm	Nonlinear Dynamic Analysis of Advanced Fiber Reinforced Composite Structures
			IX	11:00 am-12:30 pm	Nonlinear Dynamic Analysis of Advanced Fiber Reinforced Composite Structures...cont.
			X	02:00 pm-03:30 pm	Basics of ABAQUS FEM software
			XI	11:00 am-12:30 pm	Basics of ABAQUS FEM software...cont.
			XII	02:00 pm-03:30 pm	Basics of ABAQUS FEM software...cont.

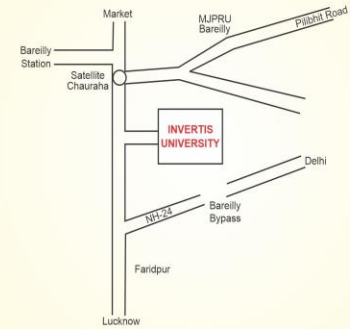
HOW TO REACH

The city of Bareilly is well connected with rail and road it takes 20 minutes (By Car / Bus) from Bareilly Junction and 10 minutes from satellite Bus stand to reach the Invertis University.

NEARBY PLACES TO VISIT

Bareilly is the city in the north Indian state of UP located at the bank of Ramnanga river. The city is 130 Km far from Nainital, 162 Km from Jim Corbett Park and 168 Km from Mukhteshwar.

ROUTE MAP



QUICK VIEW

