

CHIEF PATRONS

Prof. Vinay Kumar Pathak
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Technical University

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IPEC, Ghaziabad

PATRON

Dr. B.C.Sharma
Director,
IPEC, Ghaziabad

CONVENER

Dr. Seema
Prof. & Head,
Deptt. of Civil Engg.

ORGANIZING COMMITTEE

- Dr. V.B. Gupta (Secretary, Ph. 7982640360, vb.gupta@ipec.org.in)
- Ms. Sheelu Verghese (Technical Coordination, Ph. 9445690487)
- Mr. Abhishek Singh (Hospitality, Ph. 9560068723)
- Ms. Tripti Khanduri (Hospitality, Ph. 9149186479)
- Mr. Satyam Saxena (Promotion, Ph. 8744915355)
- Mr. Mohit Gupta (Site visits/Transportation, Ph. 9919938815)
- Ms. Sunayana Singh (Hall Management, Ph. 9718354461)
- Mr. Arun Kumar (Hall Management, Ph. 7500000526)
- Mr. Yogendra Sharma (Registration & Enquiry, Ph. 8005860982)
- Ms. Pallavi Sirohi (Registration & Enquiry, Ph. 9724175266)

REGISTRATION DETAILS

- No. of seats are limited to **60 seats**.
- The Registration form is attached along with the brochure.
- Registration form filled, duly stamped and approved by Director/Head of the Institute should be submitted by **15th June, 2018**.
- No Registration fee.
- The participants of FDP shall be only from Colleges/ Institutions affiliated or associated with AKTU, Lucknow.



**TECHNICAL EDUCATION QUALITY
IMPROVEMENT PROGRAM-PHASE III**
(Supported and Sponsored by)



Dr. A.P.J. Abdul Kalam Technical University, Lucknow

announces

FACULTY DEVELOPMENT PROGRAMME

from

25th to 29th June, 2018

**“Recent Trends in Design & Construction
Practices of Metro Railways”**



Organized by

**Department of Civil Engineering,
INDERPRASTHA ENGINEERING COLLEGE (030)
63, Site IV, Sahibabad Industrial Area,
Suryanagar Flyover Road, Sahibabad, Ghaziabad (U.P.) – 201010
www.ipec.org.in**

ABOUT THE INSTITUTE

Inderprastha Engineering College, Ghaziabad was established in 2000 as a self financed institution to cater to the demands of technical education in the NCR region of UP. IPEC is approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow. IPEC has a strength of about 3600 students on its rolls which is a substantial growth in 18 years to meet the need of quality technical education in U.P., and also to ensure their overall growth as responsible professionals and global citizens.

THE VISION OF THE INSTITUTE

“National leadership in Human Resource Development, Excellence in Education and Impacting the Society through Globally Competent Technologies”.

THE MISSION OF THE INSTITUTE

- Be the most preferred choice of Student, Faculty and Industry.
- Be a National Level Technical Institution fostering Teaching, Research, Extension Education, Innovation, Leadership and Entrepreneurship Spirit.

ABOUT THE DEPARTMENT

The mission of the Civil Department is to provide quality education and incorporating applied engineering aspect in the students. The Department will achieve its mission through:

- Fostering scientific and technical knowledge of the students duly supplemented by practical exposure for fulfilling the upcoming needs of the industry and the society.
- Acquainting the students with advances in Civil Engineering techniques and technologies and furnishing skills and training to prepare them to be problem solvers.
- Providing the students an overall environment suitable for making a successful career in industry/research/higher education in India and abroad.

OBJECTIVE OF FDP

The Faculty Development Programme (FDP) intends to up-grade the **knowledge** and to provide opportunities for **practical exposure** to the faculties employed in the discipline of Civil Engineering. Ever since the concept of **Smart Cities** has come to India, the infrastructure development is at its peak, and among this the mass transportation system development i.e. metro railways is the major sector being developed.

TOPICS FOR THE FDP SHALL INCLUDE

1. Tunneling in Soils & Rock, TBM, Piling work, Diaphragm Walls
2. Ground Improvement Techniques, Slope Stabilization, Advanced Foundation Design
3. Advanced Concrete Design and Earthquake Engineering
4. Metro Rail Transport Planning & Design
5. Precast & Prestressed Structures
6. Construction Technology & Management

KEYNOTE SPEAKERS

Speaker (Organization)	Specialization
Prof. Manoj Datta (IIT, Delhi)	Ground Improvement Techniques, Slope Stabilization
Prof. B. Bhattacharjee (IIT, Delhi)	Construction Technology and Construction Management
Prof. Sayed Mohd. Abbas (Jamia Millia Islamia, New Delhi)	Constitutive Modelling, Ground Improvement Techniques
Prof. Khalid Moin (Jamia Millia Islamia, New Delhi)	Earthquake Engineering, Prestressed Structures
Prof. Ashok Kumar Gupta (Delhi Technical University)	Stability of Tunnels, Ground Improvement Techniques
Prof. Awadhesh Kumar (Delhi Technical University)	Cementitious Products, Tall Buildings, Steel Structures
Prof. Seema (Inderprastha Engineering College)	Sustainable Materials, Robust Design, Constitutive Modelling

INDUSTRY SPEAKERS

Expert Speakers from the Industry shall also be delivering lectures during the FDP to shed light on the practical aspects of the construction practices prevalent in the metro railways construction.

1. **Mr. S.K.Gupta** : Director, Mega Metro Engineering Pvt Ltd., Delhi.
2. **Mr. R.G. Saini** : Director, Mega Metro Engineering Pvt Ltd., Delhi.
3. **Prof. Mahesh Tandon** : M.D., Tandon Consultants Pvt. Ltd., Delhi.

SITE VISITS

2 field visits shall be organized during the course of the FDP for a better understanding of the theory as per site construction practices.