ORGANIZING COMMITTEE

Patron: Dr. Rajeev Tripathi Director, MNNIT Allahabad

Chairman: Dr. R.C. Vaishya Professor & Head, CED

Convener: Dr. Rakesh Kumar Professor, CED

Coordinator(s): Dr. K. Venkatesh Associate Professor, CED

> Dr. N. R. Rawal Associate Professor, CED

Dr. Goutam Ghosh Associate Professor, CED

Dr. Priyaranjan Pal Associate Professor, CED

Dr. Shalinee Shukla Associate Professor, CED

Dr. Varun Singh Associate Professor, CED

Dr. Debolina Basu Assistant Professor, CED

Dr. V. P. Singh Assistant Professor, CED

Advisory Committee:

All Faculty Members of Civil Engineering Department.

For all Correspondence/Contact:

Coordinator(s), STIPCE-2020

Department of Civil Engineering Motilal Nehru National Institute of Technology Allahabad Prayagraj- 211004, India Uttar Pradesh

Email: stipcecedmnnit@gmail.com Phone: +91 9794937868; +91 8004132416

OBJECTIVE

An online Summer training cum internship programme will be hold by MNNIT Allahabad, Prayagraj, Uttar Pradesh, India for four weeks. The aim of this training cum internship programme is to disseminate the expertise of the faculty to under graduate students in various fields of Civil Engineering. This online training programme will provide the students, engineers and professionals a clear understanding of the basic practices in the different specializations of Civil Engineering.

PROGRAMME CONTENT

This online training programme will cover the following aspects in Civil Engineering.

BUILDING MATERIALS

Building Materials and its Importance, Brick, Reinforcing Steel, Cement, Aggregates, Admixtures, Mix Design, Durability of Concrete, Non-destructive Test, Special Concretes, Construction Defects and Remedies.

GEOTECHNICAL

Soil Exploration & its Importance , Soil Classification, Permeability, Proctor, Shear Strength , Plate Load & Standard Penetration Tests, Assessment of Bearing Capacity & its Application.

TRANSPORTATION

Road aggregates - properties and tests, Bitumencharacterization and testing, Bituminous Mix Design, Traffic Engineering Studies, Pavement Evaluation Techniques, Application of GIS in Transportation Engineering.

ENVIRONNENT

Physico-Chemical characteristics of water/wastewater i.e. Color; Turbidity and Solids; Conductivity & pH; Alkalinity and Acidity; Hardness; Chlorides and Residual Chlorine, Chemical and Biological characteristics of water/wastewater, i.e. DO; BOD; COD; Nitrogen; Bacterial Density (MPN Test),Specific Anions in water/wastewater, e.g. Fluoride, Sulfate and Phosphate, Specific metallic contaminants in drinking water and industrial wastewater, e.g. Chromium, Iron and Manganese



A Four Week Self-Financed online Summer Training cum Internship Programme in Civil Engineering

(ONLINE STIPCE-2020)

6th July – 31st July, 2020



Organized by

Department of Civil Engineering Motilal Nehru National Institute of Technology Allahabad Prayagraj- 211004, India

ABOUT MNNIT ALLAHABAD

The Institute was established as Motilal Nehru Regional Engineering College in the year 1961 and was later upgraded as a National Institute of Technology with the status of Deemed University on June 26, 2002. Now, this Institute is known as Motilal Nehru National Institute of Technology Allahabad. The foundation stone of the Institute was laid by the first Prime Minister of India, Pt. Jawaharlal Nehru on the May 3, 1961 on a site spreading across 222 acres on the bank of the river Ganga. The Institute has very good infrastructure with state-of-art facilities in all the departments for teaching and research. Institute offers 9 UG and several PG programmes besides MBA, MCA, M.Sc. in Mathematics and Scientific Computing. Doctoral programmers are offered in various disciplines of Technology, Science, Humanities and Management.

ABOUT THE DEPARTMENT

The Department of Civil Engineering offers one Bachelor of Technology and four Master of Technology courses with specialization in Structural, Geotechnical, Environmental and Transportation Engineering. Further, the department is a recognized QIP Centre for the post-graduate studies. The course curriculum is up-to-date, spanning disciplines that cover both traditional concepts and recent developments. The students are taught various theory and practical courses in core areas of Civil Engineering viz. Structural Engineering, Geotechnical Engineering, Environmental Engineering, Transportation Engineering, and Water Resources Engineering.

ABOUT online STIPCE -2020

The Department of Civil Engineering is organizing four-week Summer Training cum Internship Programme in Civil Engineering (STIPCE) regularly since 2015. But due to COVID-19 Pandemic this time it will organized in online mode. The Course is designed for Undergraduate Students of Engineering Institutions, with a special emphasis on theory and practical aspects in the various fields of Civil Engineering. Since its inception, STIPCE has provided comprehensive and holistic learning experience to students and professionals pertaining to theoretical & practical aspects of Civil Engineering.

SPEAKERS/ EXPERTS

Expert faculty members from MNNIT Allahabad will deliver online lectures through **GOOGLE MEET**. The theoretical and practical aspects of experiments and its importance in Civil Engineering Works will be delivered by resource person of MNNIT Allahabad. Lectures will be delivered three hours per day on working days.

VENUE

The online training programme will be conducted by the Department of Civil Engineering, MNNIT, Allahabad. The online inaugural is scheduled at 10:30 AM on July 06, 2020.

ELIGIBILITY

Students pursuing B.Tech./B.E. from the recognized Academic Institutions/Universities. Engineers/Professionals possessing Bachelor Degree in Civil Engineering. Students/Engineers/Profesionals must have mobile/laptop/desktop computer with internet connectivity to attend the online course.

REGISTRATION FEE

The registration fee for the course is as follows:				
(a) Student (Individual)	Rs	2,000/-		
(b) Engineers/Professionals	Rs	3,000/-		

Hard copy/Soft copy of duly filled and signed registration form should be sent to the coordinators on or before June 21, 2020 along with the submitted fee details as per the above mentioned category through email to coordinator with id proof. Fee may be submitted by post through Demand Draft/Cheque in favor of "STIPCE-2020" payable at "Prayagraj". Though registration fee preferably be transferred through NEFT/RTGS/Net-Banking on following details:- Account Name: STIPCE-2020, Account Number: 718401012000156, IFSC Code: VIJB0007184, Bank & Branch: VIJAYA BANK, MNNIT Allahabad. Please note that the training fee is non-refundable, if student is shortlisted for the course. However, course fee will be refunded in case student is not selected. Registration fee includes online lectures with notes, reference material, videos and certificate for summer training & internship completion.

IMPORTANT DATES

Last date of registration fee submission: 05 July , 2020

A Four Week Self-Financed

online Summer Training cum Internship Programme in Civil Engineering (ONLINE STIPCE-2020) 06th July – 31st July, 2020 *Organized by*

Department of Civil Engineering

Motilal Nehru National Institute of Technology Allahabad

Prayagraj- 211004, India

REGISTRATION FORM

1. Name:	
2. Designation:	
3. Date of Birth:	
 Category of Participation: (a) Students 	(b) Engineers/Professionals
5. Organization:	
6. Address for Communication:	
7. Email:	
8. Telephone/Mobile No.:	
9. Gender (Male/Female):	
10. Details of Registration Fee:	
NEFT/Online transection/ D.D./ (Date:Ba Amount (Rs):	ank Details:

Date	•
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Signature of Applicant

The Above Form should be submitted with Copy of ID Proof like Institute/Work Place I D Card/ Aadhar Card.