

**Online STTP**  
**on**  
**Advances in Civil Engineering and**  
**Sustainable Infrastructural Development**  
**(ACESD-2020)**

**26<sup>th</sup> to 30<sup>th</sup> November 2020**

**REGISTRATION FORM**

Name: \_\_\_\_\_

Designation/Post: \_\_\_\_\_

Name of Institution/Organization: \_\_\_\_\_

Qualification: \_\_\_\_\_

Contact Address and mobile no.: \_\_\_\_\_

EmailID: \_\_\_\_\_

**Fees Detail:**

Ref No. \_\_\_\_\_ Date: \_\_\_\_\_

Name of Bank: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Applicant

**Online Registration Link:**

<https://forms.gle/dvugE6ZeDMVBryKH8>

**KEY POINTS:**

- STTP is open to field engineers, infrastructure planners, designers, faculty members of Civil Engineering, research scholars and students.
- Registration form is also available on Institute website: [www.manit.ac.in](http://www.manit.ac.in)
- Registration form should be submitted online through e-mail or by hard copy to the coordinators along with details of registration fee on or before 25.11.2020.

**Online Payment Details**

Bank and Branch: **State Bank of India,**

**MANIT Bhopal**

Account Name: **Director MANIT Bhopal**

Account Number: **10020150107**

IFSC Code: **SBIN0001608**

MICR Code: **462002014**

- Seats are limited to 60 participants only based on first come first serve basis.
- For any query please contact to STTP coordinators.

**ORGANIZING COMMITTEE:**

**Patron:** Dr. N. S. Raghuwanshi, Director

**Chairperson:**

Dr. Charu Parashar, Professor & Head  
Department of Civil Engineering.

**Coordinators:**

**Dr. Kamal Singh, Associate Professor**

**Dr. H.L. Tiwari, Associate Professor**

**Dr. D. Kishan, Associate Professor**

(Department of Civil Engineering)

**Online**  
**Short Term Training Program**  
**On**  
**Advances in Civil Engineering and**  
**Sustainable Infrastructural Development**  
**(ACESD-2020)**

**26<sup>th</sup> to 30<sup>th</sup> November 2020**



**Organized By**  
**Department of Civil Engineering**  
**Maulana Azad**  
**National Institute of Technology**  
**Bhopal-462003 (M. P.)**  
**[www.manit.ac.in](http://www.manit.ac.in)**

**Program Coordinators**

**Dr. Kamal Singh Dr. H.L. Tiwari, Dr. D. Kishan,**

## STTP NEED & CONTENTS

In real world, the problems of infrastructure can be solved theoretically, but practically it is difficult due to lack of resources, data base and time required for simulation. Such problems are so much complex in nature with various parameters which make it difficult to solve experimentally too. The investment in infrastructure brings along its own unique set of challenges. Civil Engineers are at the forefront of facing and tackling these challenges and developing innovative and cost-effective solutions. This training programme is an attempt to bring together the researchers, academicians and provide them a platform for discussions and deliberations on “**Advances in Civil Engineering and Infrastructure Development**” for healthy functioning of society as well as whole environment.

In view of the above, this course is planned to disseminate the latest technology in the field of civil engineering infrastructural development for faculty of civil engineering from institutions, field engineers, architects, planners and designers, researchers and students. In this course following main topics will be covered:

- Advances in water resources and hydraulic structures
- Impact of climate change
- Environmental Impact Assessment of New and Existing projects
- Transport Planning and Challenges.
- Execution of Highway and Railway Projects
- Current practices in Geotechnical Investigations and Civil Engineering material testing.
- Artificial Intelligence in Civil Engineering
- Smart City Projects
- Project planning and management, Case Studies

## RESSOURCE PERSONS

Resource persons for this course will be eminent faculty from IITs, NITs and other institute of repute.

## ABOUT DEPARTMENT

The Department of Civil Engineering is one of the oldest departments of the Institute started in 1960. It offers B.Tech (Civil Engineering) and Seven M.Tech Courses in Geotechnical, Structural, Environment, Transportation, Water Resources, Hydro Power and Geo informatics specializations. It also offers Ph.D degree programs. The department has 32 highly qualified and dedicated faculty members who strive to produce competent professionals abreast with the latest technology and are equipped with enterprising skills necessary for a designer and also for a site engineer.

## ABOUT THE INSTITUTE

MANIT (formerly MACT), is one of the eight premier Regional Engineering Colleges of the country founded by government of India in 1960s, and subsequently upgraded to National Institute of Technology (NIT) in 2002. This institute is established with the objective of developing a ‘center of excellence’ in central India. It aims at becoming a multi- disciplinary centre for technical education by strengthening both teaching and research activities besides contributing the needs of rural community, society and Industries to this country. This institute offers various undergraduate and post graduate courses and research programs. Our bright students with excellent technical skills have always been contributed to the successes of

various sections towards the society and nation. For more details, please visit at [www.manit.ac.in](http://www.manit.ac.in).

## REGISTRATION FEES:

**Registration fee is Rs. 500/- per participant**

### Online Registration Link:

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After successful completion of the training program, E-Certificates will be given to each participant.

## ADDRESS FOR CORRESPONDANCE:

### Coordinators:

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