

REGISTRATION LINK

<https://atalacademy.aicte-india.org/participant/workshop>

REGISTRATION FEE

NIL

FOR MORE DETAILS CONTACT

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ABOUT MYSURU

Mysuru is located at about 145.2 km towards the southwest of Bengaluru and spread across an area of 156 Sq.km.

The cultural ambiance and achievements of Mysuru has earned it the Cultural Capital of Karnataka. Mysuru is noted for its heritage structures and palaces, including the Mysuru Palace. In addition, it is noted for the festivities that take place during the Dasara festival. Tourism is the major industry alongside the traditional industries. Mysuru is well connected with Air, Rail and Road ways to major cities of India.



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ORGANIZING COMMITTEE

Teaching & Non-Teaching Staffs

Dept. of CE, ATMECE, Mysuru



A T M E[®]

College of Engineering



Dept. of Civil Engineering
is organising

**6 - Day Online Faculty
Development Program on**

INNOVATIVE APPROACHES TO DISASTER MANAGEMENT & RESILIENT INFRASTRUCTURE

Sponsored

by

AICTE, NEW DELHI

Under

AICTE Training and Learning Academy (ATAL)



Date: 09th to 14th December 2024

Timings: 6.00 PM to 09.30 PM

13th KM, Mysuru - Kanakapura Road Mysuru - 570028
Phone: +91-821-2593335 | Fax: +91-821-2593328 | Website: <https://atme.edu.in/>

ATME COLLEGE OF ENGINEERING

ATME College of Engineering Mysuru, established in the year 2010 is approved by AICTE New Delhi and affiliated to Visvesvaraya Technological University Belagavi, Karnataka. Currently, 10 UG programs and 2 PG programs (MCA& MBA) are offered to students. ATMECE is re-accredited for 3 years by NBA for Civil Engineering, Electronics & Communication, Electrical & Electronics, and Mechanical Engineering Courses. Computer Science Course is accredited by NBA for 3 Years. ATMECE is an ISO 9001-2015 certified college and is awarded "The Best Emerging Private Engineering College in Karnataka" and "Most Promising Upcoming Private Engineering College in Karnataka" for two consecutive years. ATMECE has secured QS I-Gauge Gold Ranking. ATMECE has been listed as one of the "Swachh Institute of the Country in 2019-20".

ATMECE is proud of achieving accreditation by NAAC with A+ grade and is one among seven engineering colleges in Karnataka and one of the 47 Engineering colleges at the national level granted with A+ in the very First Cycle.

All the Departments in the Institute are recognized as research centers from VTU to pursue MS (Research) and Ph.D. The Institute has received more than 5 crores of external funding for various research & consultancy projects in the last 5 years. ATMECE has collaborated with more than twenty-five Industries and Institutes across the globe.

ABOUT THE DEPARTMENT

The Department of Civil Engineering came into existence in the year 2011 offering UG program in Civil Engineering with an intake of 60. The UG program is accredited by NBA for a period of 3 years in two consecutive cycles. The department has varied laboratories with excellent facilities in order to carry out the Research and Consultancy works. Department has received funding up to Rs. 15 lakhs sponsored by Central & State Govt agencies. Department is actively involved in Consultancy works. Department has good numbers of faculty and student publications. Department has MoU's with many organizations to bridge the gap between academics & Industry. The department has received funding from ATAL, AICTE for the second consecutive time to conduct the FDP.

AICTE –TEACHING AND LEARNING (ATAL) ACADEMY

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of faculties and students to make them more employable to acquire global competencies.

ABOUT THE FDP

Disaster management and resilience infrastructure encompass a comprehensive approach to preparing for, responding to, and recovering from disasters while minimizing their impact on communities and ecosystems. In view of focusing on equipping educators and professionals with the knowledge and skills necessary to address the complexities of disaster management in today's context, the department of Civil Engineering has been organizing a 6-Days online Faculty Development Program in the field of Innovative Approaches to Disaster Management and Resilience Infrastructure. This FDP aims to create a more resilient future by preparing participants to address the challenges posed by natural and human-made disasters effectively.

OBJECTIVES

- Analyze current resilient infrastructure strategies to determine best practices and gaps in disaster preparedness and recovery.
- Create awareness and assessing the effectiveness of implemented innovative strategies in improving disaster response and resilience
- Analyze current resilient infrastructure strategies to determine best practices and gaps in disaster preparedness and recovery.

EXPECTED OUTCOMES OF FDP ARE

- Development of infrastructure that can withstand extreme weather events and natural disasters, reducing repair costs and downtime.
- Compilation of successful case studies that highlight innovative practices in disaster management, serving as models for future initiatives.
- Streamlined disaster response processes that reduce response times and optimize resource allocation during emergencies.

CONTENTS OF FDP

- Introduction to Disaster Management – Flood Rescue management.
- Effects of infills on seismic resilience of moment resisting frames.
- Role of Emerging Technologies in Disaster Management.
- Designing of earthquake resilient structures.
- Earthquake disaster management.
- Tsunami hazards and protective measures.
- Causes of landslides and innovative retaining walls for the collapsed portion.
- Adopting construction for disaster prone area monolithic housing & Case studies.

RESOURCE PERSONS/ EXPERTS

The resource persons for the faculty development program shall include faculty members from Affiliated Universities (India & Overseas), premier Institutes, host Institution and Industry.

TARGETED PARTICIPANTS

Faculty Members of AICTE Approved Institutions, Universities, Research Scholars, PG Scholars, Participants from Industry and Staffs of host Institution

- There are no limitations for participants to register for the FDP.
- The Selection is based on first come first serve basis.