



SRM MADURAI
College for Engineering and Technology
Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai



AICTE ATAL Sponsored Six Days Online Faculty Development Program



'AI and IoT for Resilient Infrastructure and Advanced Disaster Management'

Application No. 1749626823

FDP ID: 5176

19.01.2026 to 24.01.2026

(Mode : Online)

Organized by
Department of Civil Engineering
SRM Madurai College for Engineering and Technology
Madurai

Coordinators :

Dr. P. Krishna Kumar
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ORGANIZING COMMITTEE

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Coordinator

Dr. P. Krishna Kumar, AP/ Civil

Co-Coordinator

Dr. V. Gowri, ASP/ Civil

Who Can Apply :

**The Faculty Members, Research Scholars, PG Scholars of the AICTE
Approved Institutions and Industry Personnel are eligible to apply.**

How to Apply:

ATAL Portal Link : <https://atalacademy.aicte.gov.in/login>

**FDP Menus → Select FDP Type: ATAL Online → January → FDP ID
5176 → Click on the plus (+) sign button to register. Press Confirm.**

Selection Criteria:

**Candidates satisfying the eligibility criteria will be selected. The selected
candidates will be intimated by e-mail. The participants should submit
the authorization certificate signed by the HOI.**

Successful Completion:

**The certificates shall be issued to those participants who are registered
on ATAL portal and attended the program with minimum 80% attendance
and score minimum of 70% marks in the test.**

Important Dates:

Submission of Application Last Date : 27.12.2025

Intimation of Selection : 02.01.2026

Confirmation by Participants : 05.01.2026

Session Timings: 6.00 PM to 9.00 PM

About the College :

SRM Madurai College for Engineering and Technology is another milestone division of the SRM Group of Educational Institutions. This initiative has a team of highly qualified, experienced, and committed faculty chosen from both academic and industrial backgrounds. It aims at provide world-class education through state-of-the-art infrastructure to produce competent technocrats of global standards with ennobling traits to uplift and serve humankind. The courses offered in SRMMCET are approved by All India Council for Technical Education, New Delhi and affiliated to Anna University, Chennai.

About the Department :

The Department of Civil Engineering at SRM Madurai College for Engineering and Technology stands as a hub of innovation and excellence, dedicated to nurturing skilled professionals who can contribute to the nation's infrastructure growth and sustainable development. With a blend of highly qualified faculty members from academic and industry backgrounds, the department focuses on imparting strong theoretical knowledge along with practical exposure through advanced laboratories and field-based learning. The curriculum of Civil Engineering covers the global standards and diverse areas such as structural engineering, geotechnical engineering, environmental engineering, transportation engineering, and construction management. The department emphasizes research, industry collaborations, and hands-on training to equip students with the expertise required to face real-world engineering challenges. With state-of-the-art facilities, modern software tools, and a strong focus on innovation, the Civil Engineering Department aims to produce competent engineers with professional ethics, leadership qualities, and a commitment to sustainable societal development.

About the FDP :

The FDP aims to equip faculty members, researchers, and industry professionals with the knowledge and skills to leverage cutting-edge technologies in addressing modern infrastructure challenges and disaster preparedness. This FDP will focus on the application of AI techniques for predictive modeling, risk assessment, and decision-making, as well as the use of IoT-enabled smart sensing and monitoring for real-time disaster response and infrastructure health management. Through expert lectures, case studies, and hands-on sessions, participants will gain valuable insights into developing technology-driven solutions for disaster resilience and sustainable infrastructure development. The programme also provides a platform for knowledge exchange, fostering collaboration among academia, industry, and research communities to build a technologically empowered future.

No
Registration
Fees



E- Certificate
for all the
active
participants



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ATAL Online 6 Days Faculty Development Program



“AI and IoT for Resilient Infrastructure and Advanced Disaster Management ”

Coordinator

Dr. P. Krishna Kumar

Assistant Professor / Civil

Co-Coordinator

Dr. V. Gowri

Associate Professor/ Civil

19.01.2026



Dr. Chrianjeevi Rahul

Senior Lecturer / Civil

Middle East College, Oman

Session 1

AI and IoT in the Disaster
Management

6:30PM to 8:00PM



Dr. K. Elangovan

Professor, Department of Civil

Engineering,

PSG College of Technology,

Coimbatore

Session 2

Impact of climate change on

Disaster Mitigation

8:00PM to 9:30PM

20.01.2026



Dr. S. Saravanan

Associate Professor, National

Institute of Technology, Trichy

Session 3

Geospatial Approach to Urban Flood

Risk management using Machine

Learning

6:00PM to 7:30PM



Ar. S. Babjee

Proprietor and Senior Principal

Architect, Vernacular Building

Solutions (OPC) Pvt. Ltd.

Chennai

Session 4

AI Integration for

Strengthening Urban Resilience

and Strategic Planning

7:30PM to 9:00PM

21.01.2026



Dr. R. Saravanan

Professor, Center for water

resources, Anna University Chennai

Session 5

Integrated Water Resources

Management in Disaster-Prone

Areas

6:00PM to 7:00PM



Dr. V. Amudhan

Independent Director

Metropolitan Transport

Corporation Chennai, TNSCST

(Coimbatore & Salem)

Session 6

IoT-Driven Solutions for

Disaster-Resilient Urban

Mobility and Smart

Infrastructure

7:30PM to 9:00PM

22.01.2026



Dr. P.C. Ashwinkumar

Associate professor, IIT Roorkee

Session 7

Seismic Resilience in urban

Infrastructure

6:00PM to 7:30PM



Dr. R. Siva Chidambaram

Senior Scientist,

CSIR-Central Building Research

Institute

Session 8

Disaster mitigation and

Reconstruction of Infrastructure

7:30PM to 9:00PM

23.01.2026



Dr. Senthil Rajendran

Country Head, RMSI Middle East

Limited

Session 9

AI and IoT for Enhancing Urban

Resilient Infrastructure

6:00PM to 7:30PM



Dr. G. Devasena,

Assistant Professor, Computer

Science Engineering,

Indian Institute of Information

Technology, Trichy

Session 10

AI + Geospatial Technologies for

Disaster Management

7:30PM to 9:00PM

24.01.2026



Mr. Nimalan.S.K,

Project scientist,

National Centre for Coastal

Research, Ministry of Earth

Sciences, Chennai Tamilnadu

Session 11

Role of remote sensing on disaster
management.

2:00PM to 3:30PM



Mr. Shankar

Structural Engineering – Bridge

Design

WSP India Bangalore.

Session 12

IoT-Enabled Smart Monitoring

for Infrastructure Health

3:30PM to 5:00PM



Er. Viswanathan Thangavel

Deputy General Manager ,

Aarvee Associates , Kochi,

Kerala

Session 13

Construction of Special

Structures

5:00PM to 7:30PM