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For Query

Contact

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FDP Will be through **Zoom** Platform

Join on Zoom platform



<https://us06web.zoom.us/j/2021060111?pwd=Qjl3Q0tiZ21yWU9PUFREDjZQTVDlZz09>

Meeting ID: 202 106 0111

Passcode: rcoe1234

Website: <http://eng.rizvi.edu.in/>

Email: hod.civil@eng.rizvi.edu.in

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Rizvi Education Society's

Rizvi College of Engineering

Approved by AICTE Recognized by DTE,

Govt. of Maharashtra

Affiliated to University of Mumbai.

Accredited 'B+' by NAAC

**FACULTY DEVELOPMENT PROGRAM
ON**

***"Emerging Technologies for
Sustainable Development in
Civil Engineering"***

**From
30th Nov. - 7th Dec. 2023**

Timing - 10.30 Am Onwards

No Registration Fees



Organized by

Rizvi College of Engineering

Department of Civil Engineering

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Mumbai- 400050

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About The Institution

Rizvi College of Engineering stands as a distinguished private engineering institution nestled in the vibrant Bandra suburb of Mumbai, Maharashtra, India. Since its establishment in 1998, the college has consistently upheld a commitment to excellence in education and innovation, under the auspices of the esteemed Rizvi Education Society. It offers Undergraduate Courses in Artificial intelligence and Data Science Engineering, Electronics & Computer Science Engineering, Computer Engineering, Civil Engineering and Mechanical Engineering. Graduates not only obtain their core degree but also have the opportunity to earn Honors and Minors degrees, reflecting the institution's commitment to holistic education and academic excellence. Rizvi College of Engineering stands as a beacon of quality education, preparing students for success in their chosen fields and contributing to the advancement of engineering knowledge.

About The Department

The Department of Civil Engineering at Rizvi College of Engineering was established in the year 1998. With a commitment to provide state-of-the-art education, the department is equipped with cutting-edge laboratory facilities that enable hands-on learning and practical application of theoretical concepts that utilizes industry-standard software for drafting and design, ensuring that students are well-versed in the tools. For professional development the students are encouraged to become members of professional bodies, providing them with valuable networking opportunities and access to resources.

The Department also offers specialized value-added courses and industrial visits that align with industry demands, ensuring that our graduates are well-prepared to meet the global challenges. The Department of Civil Engineering provides a comprehensive and forward-looking education, blending theoretical knowledge with practical skills to prepare students for successful careers in civil engineering.

Course Contents

- **Sewage Treatment Using SCADA & PLC**
- **Solid Waste Management and Sustainability**
- **Water Management Projects Using GIS**
- **Role of BIM in Project Management**
- **Sustainable Planning for Smart Cities**
- **Smart Sustainability Using IOT**
- **Concepts of Green Building**

Course Significance

Civil Engineers are crucial in ensuring project sustainability by balancing economic, environmental, and social aspects. Sustainable development requires collaboration across different sectors, such as government agencies, businesses, civil society organizations, and individuals.

The FDP aims at getting insights how to evaluate different design options, assess risks associated with the project, identify cost savings or efficiency improvement opportunities, long-term serviceability and maintenance strategies, finding innovative solutions that ensure sustainable growth and long-term benefits for society and environment.

Eligibility:

This course is open to all the faculty members from AICTE approved institutions. Certificate will be issued upon the successful completion of the FDP.

Resource Persons

The resources persons for the FDP are expertized in the area of Environment, Water Resources, Waste Management and IT solutions from academia, industries, and research organizations.

Key Speakers

- **Ms. Vidya Jadhav**
Joint Manager ,
Suez India Pvt Ltd, Mumbai.
- **Dr. PP Bhawe**
Adjunct Professor,
VJTI, Mumbai
- **Dr. Karthik Nagarajan**
Secretary, Indian Society of Remote Sensing (ISRS), Mumbai Chapter
- **Er. Garvit Dohere**
Robotics and IOT Trainer,
Robotech Labs, Noida
- **Dr. Reshma Raskar**
Asst. Prof., Department of Civil Engineering,
SPCE Mumbai.
- **Er. Vishal Varma**
BIM/VDC & Digital Lead,
Atkins Realis, Varanasi
- **Ms. Trupti Amrutwar-Vaitala,**
CEO – Mumbai Environment Social
Networks, Mumbai