



5-Day Online Faculty Development Program

(e-FDP)

NEXT-GEN CIVIL ENGINEERING

The Power of AI & GIS



9-13 JULY 2024

Organized by: **School of Core Engineering**

Organizing Institute: **Shoolini University**

ABOUT SHOOLINI UNIVERSITY

Founded by leading academicians and professionals, Shoolini University is a young, research-focussed, philanthropic university. Established in 2009, this dynamic and innovation-led centre of learning has made giant strides. **As per 2024 Times Higher Education and 2025 QS World University rankings, the University is ranked as the No.1 private university in India.** It has consistently been ranked among India's top 100 universities (NIRF), is one of India's highest generators of patents and innovation and matches the world's best universities in research output. The University is accredited by the University Grants Commission (UGC) and National Assessment & Accreditation Council (NAAC).

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Prof. Vishal Anand, Pro- Chancellor, Shoolini University

PATRON

Prof. Atul Khosla, Vice Chancellor, Shoolini University

Prof. Ashish Khosla, President and Chief Innovation & Marketing Officer, Shoolini University

CHAIRMAN

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Dr. Paratibha Aggarwal, NIT Kurukshetra

Mr. Ritam Chakraborty, GIS Analyst, OLA

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ABOUT THE FDP

This program aims to explore the advanced applications of Artificial Intelligence (AI) and Geographic Information Systems (GIS) in the field of Civil Engineering. By integrating these cutting-edge technologies, we can revolutionize our approach to infrastructure development, urban planning, environmental management, and more. The primary objective of this FDP is to provide faculty members with in-depth knowledge and practical insights into the latest AI and GIS applications in Civil Engineering. This will enhance their teaching methodologies and research capabilities, ultimately benefiting our students and aligning our curriculum with current industry standards.

TOPICS TO BE COVERED

- Machine Learning in the field of Civil Engineering
- Remote Sensing Techniques, Applications & Innovations
- Construction Technology and Management
- Remote Sensing and its application in Water Resources
- Hands-on training of GIS in Transportation Engineering



REGISTRATION LINK

<https://forms.gle/iWzWkYGxN3H4GpHS7>



REGISTRATION FEES

UG/PG/PhD Research Scholars	Rs. 100/-
Faculty/Scientist	Rs. 200/-
Industry/R&D Labs	Rs. 500/-



BANK ACCOUNT DETAILS

ACCOUNT NAME

Shoolini University of Biotechnology & Management Sciences

ACCOUNT NUMBER

0433000100728136

BANK NAME

Punjab National Bank

IFSC CODE

PUNB0043300



IMPORTANT DATES

Last date (Online Registration): 05-07-2024

FDP Duration: 09-07-2024 to 13-07-2024