



# Dayananda Sagar College of Engineering

(An autonomous institution, affiliated to VTU, Belagavi, Karnataka)

Approved and Certified by AICTE & UGC and ISO 9001:2015 Accredited by NAAC with 'A' Grade  
Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru – 560 111



## Department of Civil Engineering



### 2<sup>nd</sup> International Conference



on

### Innovations in Sustainable and Digital Construction Practices (ISDCP) 2026 (Hybrid)

5<sup>th</sup> & 6<sup>th</sup> February, 2026

### Call for Papers



Department of Civil Engineering



isdcp2026@dayanandasagar.edu



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**Dr. Samad ME Sepasgozar**  
University of New South Wales,  
Australia



**Dr. Akilu Yunusa-Kaltungo**  
The University of Manchester  
United Kingdom



**Dr. Venkataramana Gadhamshetty**  
South Dakota School of Mines & Technology  
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University of Nizwa  
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**Dr. Hosam Saleh**  
Egyptian Atomic Energy Authority  
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**Dr. Milad Mousazadehgavan**  
Liverpool John Moores University  
United Kingdom



**Dr. Gangadhara Narala Reddy**  
Fiji National University  
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IIT, Madras  
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**Dr. Srimuruganandam B**  
Vellore Institute of Technology  
India

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Selected papers will be published in Scopus-indexed Journals or Conference proceedings after a peer review process  
(For more information on publication visit [www.isdcp.com](http://www.isdcp.com))

### Scopus Indexed Journals

Journal of Environmental Nanotechnology Indian Concrete Journal



The Article Processing Fee for journals will be communicated directly to the author after acceptance..

### Scopus Indexed Proceedings

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- The Article Processing Fee for the E3S Web of Conferences is ₹10,000 (excluding the conference registration fee).
- A fee waiver of ₹2,000 per paper will be provided for international co-authors.
- Preference will be given to manuscripts with international collaborations.

Article Processing Charges (APC) will vary depending on the journal or proceedings selected for publication.

# Dayananda Sagar College of Engineering

## Vision of the Institute

To impart quality technical education with a focus on Research and Innovation, emphasising on Development of Sustainable and Inclusive Technology for the benefit of society.

## Mission of the Institute

- To provide an environment that enhances creativity and Innovation in pursuit of Excellence.
- To nurture teamwork to transform individuals as responsible leaders and entrepreneurs.
- To train the students to the changing technical scenario and make them to understand the importance of Sustainable and Inclusive technologies.

Dayananda Sagar College of Engineering, operating under the aegis of the Mahatma Gandhi Vidya Peetha Trust, is approved by the All India Council for Technical Education (AICTE), Government of India, and is affiliated with Visvesvaraya Technological University (VTU). The college offers a wide range of engineering programs, including 20 undergraduate and 6 postgraduate courses. Additionally, it hosts 20 research centres across various engineering disciplines, supporting Ph.D. scholars under VTU. Many of the programs are accredited by the NBA, NAAC, and ISO. The institute spans 23 acres and boasts extensive infrastructure, including state-of-the-art laboratories equipped with advanced instruments and machinery. The Central Library, along with a modern Digital Library, serves as a comprehensive knowledge resource for students. The campus is Wi-Fi enabled with high-bandwidth internet connectivity. The college has a strong faculty base known for their professional integrity and commitment to academics, ensuring transparency in all actions. Faculty members serve as mentors, providing personal guidance to students and contributing to their overall professional development. They are also research-oriented, with several sponsored R&D projects funded by esteemed agencies such as the Department of Science & Technology (DST), Defence Research and Development Organisation (DRDO), Indian Space Research Organisation (ISRO), and AICTE.

## Department of Civil Engineering

### Vision of the Department

To emerge as a centre of excellence providing globally competent engineers oriented towards research, innovation and sustainable development of society.

### Mission of the Department

- To disseminate quality education and provide a research environment.
- To foster experimental and professional skills.
- To Inculcate the importance of ethics and sustainability.

The Civil Engineering Department at Dayananda Sagar College of Engineering (DSCE), Bangalore, is renowned for its comprehensive curriculum and state-of-the-art facilities. Established in 1979, the department aims to produce highly skilled and knowledgeable civil engineers. The curriculum includes core subjects such as structural engineering, geotechnical engineering, transportation engineering, environmental engineering, and water resources engineering.

The department has well-equipped laboratories, including those for basic material testing, surveying, concrete technology, soil mechanics and environmental engineering. Additionally, it has advanced software and tools for design and analysis, facilitating practical learning and research. The faculty comprises experienced Professors and industry experts dedicated to imparting quality education and fostering innovation.

DSCE's Civil Engineering Department emphasises hands-on training through field trips, internships, workshops, and projects. It maintains strong industry connections, providing students with ample opportunities for internships and placements in leading companies. The department also encourages research and development, with students and faculty regularly contributing research publications and patents to national and international journals and conferences.

Overall, the Civil Engineering Department at DSCE is committed to develop proficient engineers who can address contemporary challenges and contribute to sustainable infrastructure development. The department offers doctoral programs along with the following PG programs:

- M.Tech (Structural Engineering)
- M.Tech (Highway Technology)

# The conference will cover various aspects of Civil Engineering in the following thrust areas

## A. Environmental Engineering & Sustainability

- Air Quality Monitoring and Control
- Climate Change Mitigation and Adaptation, Renewable Energy and Bioenergy
- Desalination and Water Purification Technologies
- Hazardous Waste Management
- Wastewater Treatment and Recycling Technologies
- Water Quality Monitoring and Modelling

## C. Construction Management & Materials

- Building Information Modelling
- Smart Cities and Infrastructure Innovation
- Risk Management and Project Scheduling
- PPP Models and Construction Economics
- Smart and Nanomaterials

## E. Transportation Engineering

- Sustainable and Green Transportation
- Road safety and human factors
- Transportation planning and policy
- Pavement Engineering and Materials
- Data Driven Transport System
- Transportation Equity and Social Impact

## G. Interdisciplinary & Emerging Technologies

- AI/ML, IoT and Data Analytics in Civil Engineering
- Climate Resilient Infrastructure
- Circular Economy and Sustainable Development Goals (SDGs)
- Life Cycle Assessment in Civil Projects
- Smart Cities and Smart Planning
- 3D Printing
- Sustainable Technologies and Assessment

## B. Geotechnical and Structural Engineering

- Digital Twins & Smart Geotechnics
- Geo-hazards & Risk Mitigation
- Forensic Geotechnical Engineering
- Sustainable & Innovative Practices in Geotechnical Engineering
- Geo-Environmental & Energy Geotechnics
- Resilient ground improvement

## D. Water Resources & Hydraulics

- Groundwater and Surface Water Hydrology
- Urban Flood Management and Stormwater Design
- Integrated Water Resource Management (IWRM)
- Hydroinformatics
- Hydrological Models

## F. Structural Engineering

- Seismic hazard analysis and retrofitting strategies
- Non-destructive testing techniques
- Repair, retrofitting, and strengthening techniques for aging infrastructure
- Heritage structure preservation and adaptive reuse
- Parametric and generative design techniques

## H. Remote Sensing and GIS

- Satellite and drone-based monitoring for natural resource management
- GIS applications in urban planning, land use, and infrastructure, Environmental change detection and disaster management
- Remote sensing for agriculture, forestry, and climate resilience
- Geospatial data Emerging trends in LiDAR, SAR, GNSS, hyperspectral imaging, and real-time GIS

Submission: <https://www.isdep.com/copy-of-call-for-paper>

## Registration Fee (Excluding Publication)

Category	India	Foreign
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## How to Reach

Dayananda Sagar College of Engineering (DSCE) is well-connected to major parts of the country via road, rail, and air. The campus is approximately 10 km from Bengaluru City Railway Station and about 45 km from Kempegowda International Airport. The college is easily accessible through BMTC buses, cabs, and metro connectivity via Banashankari and J. P. Nagar Metro Stations (3 – 5 km away), ensuring convenient access for students and visitors.

## Accommodation

Accommodation and traveling expenditure have to be borne by the delegates. However, accommodation may be arranged in the hostels of DSCE at a nominal cost, subject to availability. In addition, a wide range of hotel accommodation is available in Bengaluru city, which is well-connected to the venue. Hotels near Kumaraswamy Layout, Banashankari, and Jayanagar offer convenient access.

## Important Dates

Last date for submission of full-length Paper is extended till 15<sup>th</sup> December, 2025

Last date for Submission of full-length Paper: 01-12-2025

Notification for Acceptance: 13-12-2025

Last Date for Registration: 27-12-2025

Camera-Ready Paper Submission: 20-12-2025

## Tourist Attractions



ISKCON Temple



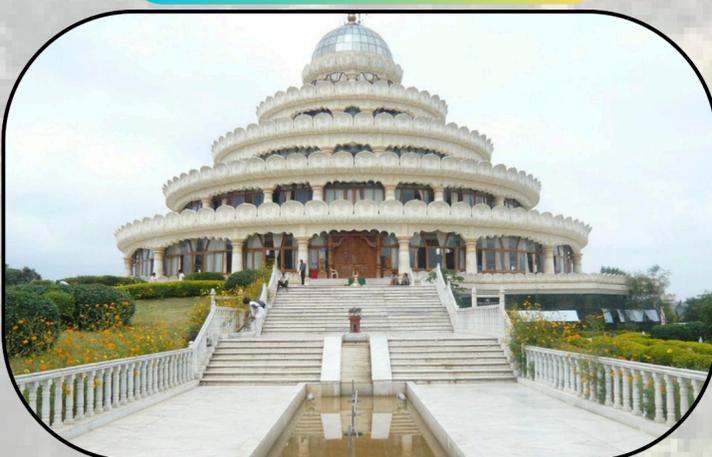
Ulsoor Lake



Vidhana Soudha



Lalbagh Botanical Garden



Art of Living



Bangalore Place