



2nd International Conference on Advances in Materials, Modeling, and Analysis for Sustainable and Resilient Infrastructure

7 – 9 January 2027

Organised by



Department of
Civil Engineering



National Institute of
Technology
Arunachal Pradesh



National Institute of
Technology
Surathkal

In Association with



ASCE Student
Chapter



Association of
Consulting Civil
Engineers



Indian Concrete
Institute

About the Conference

There is an immense push towards sustainability and resilience. This is exemplified through the sustainable development goals outlined by the United Nations. Ensuring sustainable growth and building resilience are challenges faced by both developing and developed economies. The objective of the conference is to address the said challenges through innovative, novel, and region specific solutions. This conference intends to

bring together the best minds in the domain of sustainability and resilience to address these challenges. The conference will provide researchers/students/practicing professionals to present their solutions, share ideas, highlight best practices, and create long lasting professional contact to address the challenges stated above. This conference is centered around the theme of resilience and sustainability, and will be conducted annually.

About the Host Institutions

Amrita Vishwa Vidyapeetham

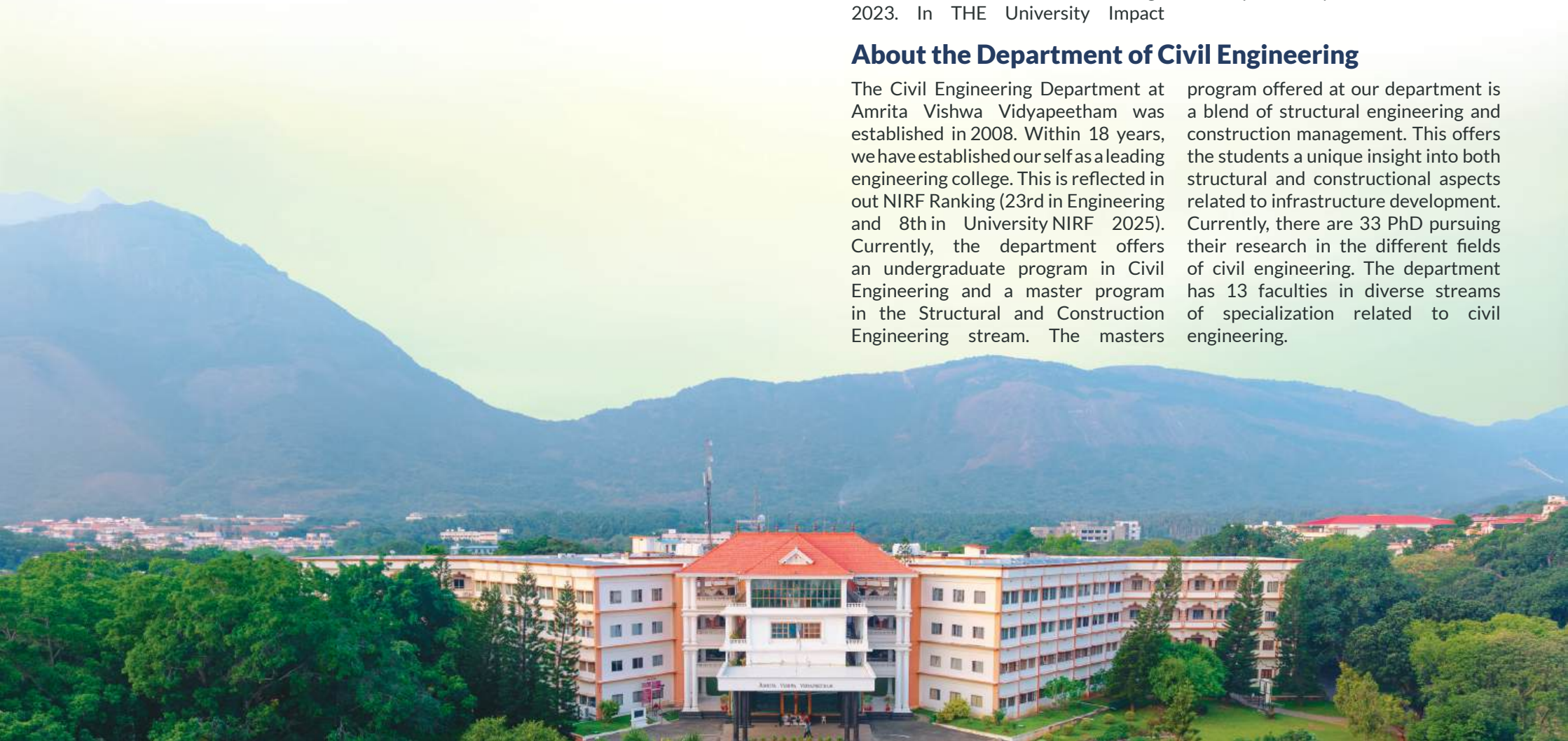
Amrita Vishwa Vidyapeetham is a multi-campus, multi-disciplinary research academia that is accredited 'A++' by NAAC and is ranked as one of the best research institutions in India. Amrita has emerged as the Eighth best university in the National Institutional Ranking Framework (NIRF) Rankings 2025. Amrita School of Medicine, Kochi has been ranked 9th Best in Medicine in NIRF Rankings 2023. In THE University Impact

Rankings 2025, a pioneering initiative to recognise universities around the world for their social and economic impact for sustainable future, Amrita has been ranked among the Top 50 in the world. Amrita is emerging as one of the fastest-growing institutions of higher learning in India as we have established 180+ collaborations with top 500 world-ranked universities in a short span of 18 years.

About the Department of Civil Engineering

The Civil Engineering Department at Amrita Vishwa Vidyapeetham was established in 2008. Within 18 years, we have established ourself as a leading engineering college. This is reflected in our NIRF Ranking (23rd in Engineering and 8th in University NIRF 2025). Currently, the department offers an undergraduate program in Civil Engineering and a master program in the Structural and Construction Engineering stream. The masters

program offered at our department is a blend of structural engineering and construction management. This offers the students a unique insight into both structural and constructional aspects related to infrastructure development. Currently, there are 33 PhD pursuing their research in the different fields of civil engineering. The department has 13 faculties in diverse streams of specialization related to civil engineering.



National Institute of Technology Surathkal (NITK)



National Institute of Technology Karnataka (NITK), Surathkal, located in Mangalore, Karnataka, was established in 1960 as Karnataka Regional Engineering College (KREC) and became an NIT in 2002. The institute, founded through the efforts of philanthropist U. Srinivasa Mallya, is situated in Srinivasnagar, named in his honor.

About the Department of Civil Engineering

The Department of Civil Engineering, established in 1960 as one of the institute's founding departments, offers B.Tech, M.Tech, and Ph.D. programmes in Construction Technology & Management, Structural, Geotechnical, Environmental, and Transportation Engineering, with a strong focus on teaching, research, and innovation.

National Institute of Technology Arunachal Pradesh

National Institute of Technology Arunachal Pradesh (NITAP) was established in 2010 by the Government of India under the Ministry of Education and is recognized as an Institute of National Importance. Initially operating from Yupia under the mentorship of National Institute of Technology Durgapur, it later shifted to its permanent campus at Jote, about 30 km from Itanagar. The institute offers B.Tech, M.Tech, MSc, and PhD programs across engineering, science, and humanities disciplines. Its facilities include modern laboratories, smart classrooms, a central library, high-speed internet, research centres, hostels, faculty quarters, a health centre, sports facilities, a cafeteria, seminar halls, transportation services, and spaces for cultural and technical activities. NITAP continues to advance technical education, research, and innovation in Northeast India.

About the Department of Civil Engineering

The Department of Civil Engineering started in the year 2013 with an annual intake of 30 students. Civil engineering is mother of all engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings. Civil engineering is one of the oldest engineering disciplines. It is traditionally broken into several sub-disciplines including environmental engineering, geotechnical engineering, geophysics, structural engineering, transportation engineering, earth science, municipal or urban engineering, water resources engineering, materials engineering, offshore engineering, quantity surveying, coastal engineering, surveying, and construction engineering.



Conference Themes

The conference will accept paper related to Materials, Modeling, and Analysis for Sustainable and Resilient Infrastructural systems. Following are the broad thematic areas of the conference:



Sustainable Construction Materials



Sustainable Construction Practices and Management



Resilient Infrastructure



Structural Health Monitoring



Climate Change and Sustainability



Geo Mechanics and Modeling



Sustainable Geotechnics and Geosynthetics



Traffic Modeling, Sustainable Pavement Material and Design



Intelligent Transportation Systems



Sustainable Water and Waste Water Treatment



Disaster Management, and Geo Spatial Applications



AI/ML in Civil Engineering

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Dr. Kishore M S, Amrita Vishwa Vidyapeetham

Mode of Conference



Indian – Offline



International – Hybrid

Important Dates



Abstract Submission
30 August 2026



Abstract Acceptance
15 September 2026



Full Paper Submission
15 October 2026



Full Paper Acceptance
15 November 2026



Last Date for Early Bird registration
30 November 2026



Last Date for Registration
15 December 2026



Date of Conference
07 Jan 2027 to 9 Jan 2027

Publication

All presented papers will be published in Scopus indexed conference proceedings after peer review process. The publication details will be available in the website soon. Best paper will be selected by the organizing committee and will be awarded.



Registration Details

The registration fees includes GST amount (18%)

Category	National (Rs.)	International (USD)
Student (UG/PG/ Research Scholars)	5800	125
Faculty/Post Doc/ Scientist	6800	150
Industry	7800	175

Registration fees include conference kits, lunch and snacks. Only one paper presentation is allowed for one registration. Based on the availability, accommodation shall be arranged on payment basis.

Registration Form link:
Will be updated soon
Link for payment: Will be updated soon

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Venue Details

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