

CRISP 2027

26 - 27 FEBRUARY 2027
C.V. RAMAN GLOBAL UNIVERSITY

About Conference

The International Conference on Resilient Infrastructure: Smart and Sustainable Practices (CRISP 2027) is a premier international forum organized by the Department of Civil and Environmental Engineering, C. V. Raman Global University (CGU), Odisha, India, to bring together researchers, academicians, industry professionals, policymakers, and practitioners from around the world to exchange knowledge and discuss recent advances in resilient and sustainable infrastructure development. The conference focuses on addressing the pressing challenges posed by rapid urbanization, climate change, natural hazards, resource constraints, and evolving technological demands through innovative engineering solutions and smart practices. CRISP 2027 aims to promote interdisciplinary research and collaboration in the areas of structural, geotechnical, transportation, water resources, and environmental engineering, emphasizing the integration of digital technologies, intelligent systems, advanced materials, data-driven decision-making,



and sustainable design principles. The conference will feature keynote lectures, invited talks, technical paper presentations, industry interactions, and networking opportunities, providing a vibrant platform for sharing cutting-edge research, fostering academic and industrial partnerships, and exploring transformative approaches for developing infrastructure systems that are resilient, efficient, environmentally responsible, and capable of supporting sustainable growth and resilient communities for future generations.



About CGU

C. V. Raman Global University (CGU), Odisha, is a leading multidisciplinary institution dedicated to excellence in education, research, innovation, and societal development. The university has emerged as one of the premier higher education institutions in eastern India and has been consistently ranked among the top technical institutions in the country by the National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India, reflecting its commitment to quality education, research, and innovation. Through its Centres of Excellence, advanced research facilities, innovation ecosystem, and collaborative initiatives with industry and academia, CGU promotes knowledge creation, technological advancement, and skill development aligned with contemporary global needs. These initiatives provide students and researchers with opportunities to engage with emerging technologies, interdisciplinary research, entrepreneurship, and real-world problem-solving. The university offers a vibrant and inclusive learning environment that fosters academic excellence, creativity, leadership, and lifelong learning. Guided by the vision of nurturing competent professionals, innovative researchers, and responsible citizens, CGU strives to contribute meaningfully to technological advancement, sustainable development, and the betterment of society while preparing future leaders capable of addressing global challenges.



About the Department

The Department has a strong blend of experienced academicians, industry professionals, and young promising talents, forming a formidable teaching team dedicated to inspiring and guiding students across almost all specializations in Civil Engineering. The Department continuously strives for value addition to the programme through initiatives such as establishing Centres of Excellence in Plumbing and imparting training in software and tools like Revit, AutoCAD, STAAD Pro, GIS & RS, MX Road, Primavera, etc., along with their extensive applications in student projects and research activities. The Department is equipped with well-established laboratories managed by trained technical personnel. It has also initiated strong industry exposure programmes by encouraging final-year students to undertake internships in various industries in lieu of the whole or part of a semester. This initiative helps create a mutually beneficial interface between students and industry.



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THEMES

Structural Engineering

- Resilient and sustainable structural systems
- Smart materials and structural health monitoring
- Seismic and wind engineering advancements
- Computational modelling and AI in design
- Retrofitting and rehabilitation of structures
- Cyclone resistant structures
- Digital construction
- Digital twin

Geotechnical Engineering

- Ground improvement and soil stabilization techniques
- Geotechnical earthquake engineering and foundation dynamics
- Slope stability and landslide risk mitigation
- Numerical modelling and geotechnical instrumentation

Transportation Engineering

- Smart and connected transportation systems
- Sustainable pavement materials and design
- Traffic flow modelling and intelligent transport systems (ITS)
- Urban mobility and road safety innovations
- Data-driven transport infrastructure planning

Water Resources Engineering

- Integrated water resources management
- Climate change impacts on water systems
- Flood control and urban drainage innovations
- Hydro informatics and remote sensing in water management
- River basin planning and watershed management

Environmental Engineering

- Air and water pollution control technologies
- Solid waste management and circular economy practices
- Wastewater treatment and resource recovery
- Environmental impact assessment and sustainability metrics
- Climate adaptation and ecosystem restoration
- Concept of NET Zero

CALL FOR PAPERS

Author Guidelines - Paper Submission

Authors are invited to submit original and unpublished research work aligned with the themes of CRISP 2027. The submission process consists of two stages. In the first stage, authors are required to submit an abstract of not more than **500 words**, clearly highlighting the objectives, methodology, key findings, and significance of the research. Authors of accepted abstracts will subsequently be invited to submit full-length papers for peer review and consideration for presentation and publication.

By submitting a manuscript, the authors confirm that the work is original, has not been published previously, and is not under consideration for publication elsewhere during the review period. Any violation of this policy will result in immediate rejection of the submission.

All submissions must be made electronically through the designated submission portal before the specified deadline. Submissions received after the deadline will not be considered for review.

Manuscript Preparation Guidelines

- Authors must first submit an abstract of up to **500 words** in PDF for evaluation.
- Only authors of accepted abstracts will be invited to submit full-length papers.
- The full paper must be prepared using the prescribed conference template.
- The manuscript should be limited to a maximum of **8 pages**, including figures, tables, and references.
- Papers exceeding the prescribed page limit will not be considered for review.
- Submissions must be in PDF format only, with a maximum file size of **10 MB**.
- Manuscripts should be written in clear and concise English and should present original research findings, methodologies, case studies, or innovative engineering applications.
- Figures, photographs, and illustrations should be of high quality and suitable for publication.
- The overall Similarity Index should not exceed 20%.
- At least one author of each accepted paper must register and present the paper during CRISP 2027.

Review Process

All submitted abstracts and full papers will undergo a rigorous peer-review process conducted by members of the Technical Program Committee and subject experts. Papers will be evaluated based on originality, technical quality, relevance to the conference themes, innovation, significance of results, and clarity of presentation.

Only accepted and registered papers presented during CRISP 2027 will be considered for inclusion in the conference proceedings and associated publication opportunities.

KEY DATES

EXTENDED ABSTRACT SUBMISSION	31-Aug-26
ACCEPTANCE OF ABSTRACT	15-Sep-26
SUBMISSION OF FULL-LENGTH PAPER	15-Oct-26
ACCEPTANCE OF FULL-LENGTH PAPER	30-Nov-26
EARLY BIRD REGISTRATION DEADLINE	15-Nov-26
REGISTRATION DEADLINE	15-Jan-27

CONFERENCE REGISTRATION AND FEE STRUCTURE

Sl. No.	Participants	Early Bird	Standard
1	Foreign Authors	\$300 USD	\$350 USD
2	Research Scholars/Student	₹ 8260 (7000+ 18% GST)	₹ 8850 (7500+ 18% GST)
3	Faculty Members	₹ 8850 (7500+ 18% GST)	₹ 9440 (8000+ 18% GST)
4	Industry Professionals	₹ 10620 (9000+ 18% GST)	₹ 11800(10000+ 18% GST)
5	Co-Authors/ Participants	₹ 1475 (1250+ 18% GST)	₹ 1770(1500+ 18% GST)

- Interested participants shall pay the registration fee directly to the bank account. Proof of payment should be uploaded during registration.
- **Cancellation Policy: There will be no cancellation/ refund after Registration.**

Account Details

- To be Updated Soon.....

Online Registration Process

1. After payment of registration fee, the participants are required to fill the registration form on or before the last date of registration **15th JAN 2027**.
2. At least one of the authors should register for the conference and present his/her/their work.
3. Author should pay the registration fee through online mode only. The registration fee (Including GST) details are mentioned above.
4. Registration fee covers registration and publication charges and is not refundable.
5. The registration fees cover the cost of tea, coffee, snacks, and a working lunch. Please note that accommodation is not included; for accommodation options, refer to the information on the conference website.
6. Participants wishing to bring an accompanying person who would like to access conference facilities will need to pay additional charges.

SPONSORSHIP

The CRISPP 2027 conference provides tremendous opportunities to national and international organizations such as central/state government, public sector undertakings, industries, equipment manufacturers, entrepreneurs, consulting and construction organizations to publicize themselves by being Platinum/Golden/Silver sponsors of the conference. Interested organizations may contact the Organizing Committee. The sponsorship fees payable and benefits are indicated below.

Platinum Sponsor (INR 1,00,000)

- Full registration for 8 delegates
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- A full-page advertisement in the Poster session and Proceedings
- 5 min time slot for technical presentation during the technical session

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Bronze Sponsor (INR 25,000)

- Full Registration for 2 delegates
- A full-page advertisement in the Poster session and Proceedings

For Further Details Contact:

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