



ASSOCIATION OF CIVIL ENGINEERS

PRESENTS

AVLOKAN

**SPONSORSHIP BROCHURE
2026**

CONSTRUCT COMMUNICATE & COORDINATE



ORGANIZERS

CIVIL ENGINEERING DEPARTMENT

The Department of Civil Engineering was started in 1957. The department offers UG & PG courses specializing in Soil Mechanics & Foundation Engineering and Structural Engineering. The department also offers adequate facilities for R&D work and thus provides a vital impetus in the growth of the state. Both undergraduate and postgraduates are trained in computer applications of civil engineering with the latest software. The students of the department actively pursue R&D under the guidance of faculty members funded by the state government

ASSOCIATION OF CIVIL ENGINEERS

Founded in 2017, the Association of Civil Engineers, B.I.T. Sindri, is a group of people who want to familiarize you with the most recent developments in the field of civil engineering. It is an initiative by enthusiastic B.I.T. Sindri students studying civil engineering to increase their understanding of the aforementioned topic. We seek to develop innovative solutions to real-world problems under the inspiring direction of Prof. (Dr.) Pankaj Rai, Director of B.I.T. Sindri, and Prof. Prafulla Kumar Sharma, Head of the Civil Engineering department at B.I.T. Sindri.



PATRON'S MESSAGE



Prof. (Dr.) Pankaj Rai
Director,
BIT Sindri

BIT Sindri is a sanctuary for students, encouraging a deep curiosity and sincere desire to learn. We take pleasure in providing comprehensive technical education that combines academic quality with realworld skills as part of a trailblazing institution that has received national recognition. The distinguished Civil Engineering Department deserves congratulations!

With faith in their capacity to keep achieving greatness and making important contributions to the field, I offer my warmest regards to the committed teachers and students.

Prof. (Dr.) Pankaj Rai
Director,
BIT Sindri



CHAIRPERSON'S MESSAGE



Prof. Prafulla Kumar Sharma
HOD, Civil Engineering Department,
BIT Sindri

I want to express my gratitude to all of the teachers and students whose commitment and diligence have made our events a huge success. Our association now has a purpose thanks to your preparation and collaboration, which has also produced a lively community and life-changing events. Your efforts and contributions have strengthened our bonds, inspired innovation, and left a lasting impact on everyone involved. Because of your passion and commitment, our association continues to grow, fostering learning, collaboration, and a legacy that will inspire many more in the future.



COORDINATOR'S MESSAGE



Prof. Prashant Ranjan Malviya
Prof. Incharge ACE,
BIT Sindri

I hope you are well and in a good mood when you receive this mail. I want to use this chance to express my gratitude to the students and faculty for their exceptional contributions to our academic community. Your constant commitment, diligence, and eager involvement in a range of events and activities have given our association vitality, direction, and expansion. I sincerely appreciate your incredible dedication and support, and every effort—no matter how small—has had a lasting effect.



ABOUT AVLOKAN

AVLOKAN 2026 is a National Level Civil Engineering Innovation Fest organized by the Association of Civil Engineers, BIT Sindri. The fest is designed to provide a platform for students and professionals to demonstrate technical competence, innovation, research aptitude, and sustainable engineering practices through competitive events, exhibitions, and expert interactions. AVLOKAN integrates innovation, structural design, digital engineering, sustainability awareness, and industry exposure into a unified academic ecosystem

OUR MISSION

- Promote technical excellence and innovation culture in civil engineering
- Encourage research-oriented and sustainability-driven engineering practices
- Provide hands-on experiential learning platforms
- Strengthen academia-industry collaboration
- Develop leadership, teamwork, and communication skills among participants.



EVENT BLUEPRINT

SURVEY TREASURE HUNT

The Surveying-Based Treasure Hunt at BIT Sindri, a flagship event of Avalokan '26, is an exciting, skill-driven adventure where teams apply surveying concepts in a real-world campus setting. Participants navigate through key landmarks using coordinate-based clues, technical problem-solving, and practical challenges, unlocking checkpoints through riddles, passwords, and hands-on tasks. Blending teamwork, precision, and strategy, the event culminates in a thrilling race to the final destination, where only the most resourceful team claims the ultimate treasure.

PAPER PRESENTATION

The Paper Presentation event is designed to test both knowledge and innovation. The competition begins with an engaging quiz round that evaluates participants' technical understanding and analytical skills. Teams that qualify move on to the final round, where they present solutions to real-world engineering problems, showcasing creativity, research depth, and practical applicability. The event encourages critical thinking, teamwork, and the ability to transform ideas into impactful solutions.



EVENT BLUEPRINT

INFRANOVA

Infranova is a model exhibition event where participants showcase creative, functional models that address real-world problems using simple, everyday materials. It focuses on practical innovation, encouraging students to transform basic concepts into working solutions while demonstrating clarity of thought, design, and application.

GAME OF TRUSS

The Game of Truss at BIT Sindri, is a hands-on structural engineering challenge where teams design and construct truss bridges using provided materials within a limited time. Participants must apply concepts of load distribution, stability, and structural efficiency to create the most durable design. In the final evaluation, judges test each bridge by gradually applying loads, and the structure that withstands the maximum load for the longest duration without collapse emerges as the winner.



EVENT BLUEPRINT

CONCLAVE

Conclave is an individual speaking and discussion event where participants are given topics to present their viewpoints and engage in debate within a limited time. It tests clarity of thought, communication skills, analytical ability, and confidence under pressure, providing a platform to express ideas and stand out through impactful speaking.

NEURO NEXUS

Neuro Nexus is a two-stage group quiz competition designed to test knowledge, speed, and teamwork. It begins with a time-bound written round, followed by a high-intensity buzzer round for shortlisted teams, featuring industry-based, general knowledge, and skill-oriented questions that challenge accuracy, coordination, and quick thinking.



AUDIENCE & PROMOTION

Target Audience & Anticipated Reach

- Sponsors will connect with a highly targeted and valuable demographic.
- Expected Participants: 200+ of the brightest students (B.Tech, M.Tech, PhD) and young professionals.
- Academic Fields: Primarily from All Branches.
Geographic Reach: Participants from top-tier institutions across India, including IITs, NITs, and other premier engineering colleges.
- On-site Footfall: Anticipate a footfall of over 300 people including finalists, faculty, industry mentors, and students at BIT Sindri.

Media & Promotion Strategy

- Digital Platforms: Aggressive promotion on the social media channels of the Association of Civil Engineers (ACE).
- Platform Partnerships: Collaboration with leading hackathon platforms like Devfolio, Unstop, or Kaggle for registrations and promotions.
- Campus Outreach: A targeted email and poster campaign across 100+ top engineering colleges in India.
- Local Media: Engagement with local press and media in Dhanbad for coverage of the grand finale.



ADVISORY & JUDGING PANEL

Event Leadership

- The event is guided by experienced leaders and will be judged by a panel of experts, offering unique engagement opportunities for our partners.
- Patron: Prof. (Dr.) Pankaj Rai (Director, BIT Sindri)
- Chairperson: Prof. Prafulla Kumar Sharma (HOD, CED, BIT SINDRI)
- Coordinator: Prof. Prashant Ranjan Malviya (Prof. Incharge ACE, BIT SINDRI)
- Advisory Committee:
 - Prof. (Dr.) Udai Kumar Singh (Professor, BIT SINDRI)
 - Dr. Jitu Kujur (Associate Professor, BIT SINDRI)
 - Dr. Maya Rajnarayan Ray (Associate Professor, BIT SINDRI)
 - Dr. Brahmdeo Yadav (Associate Professor, BIT SINDRI)
 - Dr. Nishikant Kisku (Associate Professor, BIT SINDRI)
 - Dr. Komal Kumari (Assistant Professor, BIT SINDRI)
 - Dr. Abhijit Anand (Assistant Professor, BIT SINDRI)
 - Prof. Iqbal Sheikh (Assistant Professor, BIT SINDRI)
 - Prof. Saroj Meena (Assistant Professor, BIT SINDRI)

Judging Panel

Our judging panel will comprise a distinguished gathering of senior faculty members from premier institutions and industry experts. Crucially, we will extend a special invitation to representatives from our sponsor companies, particularly those providing problem statements, to join the final judging panel.



OUR TRACK RECORD

AVLOKAN '24

AVLOKAN '24 was the second edition of the annual technical fest organized by the Department of Civil Engineering under the aegis of ACE. The multi-day event was designed to revive students' love for civil engineering through a series of engaging and competitive activities. It provided a platform for students to apply theoretical knowledge to practical challenges, fostering discovery, observation, and innovation.

Key Highlights

- A Multi-Event Festival: The fest was a large-scale event comprised of eight distinct sub-events, showcasing our ability to manage complex, multi-faceted programs.
- Diverse Competitions: Events ranged from technical paper presentations and CAD design challenges to hands-on model making and science quizzes.
- Expert Engagement: The fest included an interactive guest lecture session, connecting students with industry professionals.
- Featured Sub-Events:
 - Chakravayuh (science quiz)
 - Vivakti (innovative solutions)
 - CAD-MAN (CAD Event)
 - GAME OF TRUSS (model making)
 - SCIENTIA (Fun Science Activities)
 - GENESIS (technical paper presentation)
 - NIRMAAN (build an arch bridge)
 - Guest Lecture



GALLERY





OUR TRACK RECORD

RISCE '24

International Conference on Research and Innovation for Sustainability in Civil Engineering

RISCE-2024 was a prestigious international conference that brought together researchers, academicians, and industry experts from across the globe. The event served as a critical forum to explore and discuss innovative solutions for a sustainable future in the field of civil engineering. The conference was held in partnership with Springer.

Key Highlights

- **Global Participation:** The conference attracted a diverse group of international and national experts, solidifying BIT Sindri's position on the global academic stage.
- **High-Level Discourse:** The event featured insightful keynote addresses, thought-provoking panel discussions, and presentations of cutting-edge research.
- **Focus on Sustainability:** Key topics included sustainable construction practices, green technologies, climate-resilient infrastructure, and advancements in materials.
- **Collaboration Hub:** Provided a valuable opportunity for attendees to form impactful collaborations to drive sustainable practices in the industry.

CHECK OUT THE AFTER MOVIE



[RISCE AFTER MOVIE 2024](#)



GALLERY





ORGANIZING COMMITTEE



PATRON

Prof. (Dr.) Pankaj Rai
Director,
BIT Sindri



CHAIRPERSON

Prof. Prafulla Kumar Sharma
HOD, CED,
BIT Sindri



COORDINATOR

Prof. Prashant Ranjan
Malviya
Prof. Incharge ACE,
BIT Sindri

OUR TEAM



PRESIDENT

Manish Kr. Mahato



VICE PRESIDENT

Divyanshu Kr. Singh



VICE PRESIDENT

Muskan Prakriti



TREASURER

Jaydeep Kumar



ALUMNI IN -CHARGE

Divyanshu Kumar

CONNECT WITH US

We are excited about the prospect of Contribution with you to make AVLOKAN a landmark event for innovation in civil engineering. Our team is ready to answer any questions you may have and work with you to create a partnership that meets your company's unique objectives. For all inquiries regarding the sponsorship opportunities outlined in this brochure, or to discuss a custom collaboration, please do not hesitate to reach out.

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