



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR

An Autonomous Institute Affiliated to Rajasthan Technical University, Kota

Volume 2, Issue 2

July, 2026

INFRAVISION

Biannual NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING

Vision of Institute

To promote higher learning in advanced technology, management skills and industrial research to make our country a global player.

Mission of Institute

To promote quality education, training and research in the field of engineering & management by establishing effective interface with industry and to encourage faculty undertake industry sponsored projects for students.



Vision of Department

To become a discipline of excellence that promotes higher learning and advanced technology to meet current and future challenges of civil engineering industry.

Mission of Department

- Create a conducive environment of quality education and skill development for all round growth.
- Encourage students for higher education, develop research attitude with ethical values for sustainable development.
- Inculcate leadership qualities and professionalism for serving the society.



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Editor

Dr. Sunita Tolani (Associate Professor)

Student Editors

Shashank Jangid, Priyanshi Yadav

FROM THE HoD'S DESK



Prof. B.L. Sharma
HEAD
Department of Civil Engineering

It gives me immense pleasure to present the latest issue of INFRAVISION, the biannual newsletter of the Department of Civil Engineering. This issue reflects the department's continuous efforts towards academic excellence, practical learning, skill development, and professional growth. The diverse activities featured in this edition, including student workshops, expert sessions, site visits, in-house internships, and club activities, demonstrate our commitment to providing students with meaningful learning experiences beyond the classroom.

A significant highlight of this issue is the successful completion of the Bridge Design Certification Course in collaboration with HG Infra Engineering Limited, which represents a valuable step towards strengthening industry-academia interaction and preparing students for professional challenges.

I am pleased to acknowledge the achievements of our faculty, students, and alumni in research, professional certifications, placements, and other pursuits. I sincerely appreciate the dedication and collective efforts of all faculty members, staff, students, and contributors. I wish everyone continued success and encourage our students to pursue excellence with knowledge, integrity, innovation, and perseverance.

FROM THE EDITOR'S DESK



Dr. Sunita Tolani
Associate Professor

Welcome to the latest issue of INFRAVISION, the biannual newsletter of the Department of Civil Engineering. This edition presents a glimpse of the diverse academic, technical, and professional activities undertaken by the department during this period. From student workshops and expert sessions to field visits, in-house internships, and club activities, each initiative reflects our continued emphasis on experiential learning and skill development.

This issue also highlights the successful completion of the Bridge

Design Certification Course, an important academic-industry initiative that provided students with valuable exposure to professional practices. The newsletter further celebrates the achievements of our faculty and students in research, NPTEL certifications, and other academic pursuits, along with student placements and the accomplishments of our alumni. I sincerely thank all faculty members, coordinators, student editors, contributors, and students whose efforts have helped document these activities. I hope this issue provides an engaging overview of the department's journey and inspires readers to continue learning, innovating, and striving for excellence.

DEPARTMENTAL ACTIVITIES

Student Workshop on 'Advanced Training in Geotechnical Engineering'

A five-day workshop for students on the topic 'Advanced Training in Geotechnical Engineering' was organized from March 16th to 20th, 2026. During the workshop, students were given hands-on experience in performing laboratory (Tri-axial test, California bearing ratio test, and Unconfined Compression Test) and field test (Standard Penetration Test) to estimate important engineering properties of soil encountered in any construction project. Dr. Pooja Gupta and Dr. Bharathi M were the coordinators of the workshop. Mr. Suresh Kumar Yadav provided technical support in the workshop.



Student Workshop on 'Structural Analysis and Design'

A five-day workshop for students on the topic 'Building Analysis and Design' was organized from March 16th to 20th, 2026. During the workshop, students were taught techniques for earthquake-resistant building design using the ETABS software package.



A total of 35 B.Tech. III-year and final-year students participated in the workshop. Mr. Ankur Mishra and Dr. Sunita Tolani were the coordinators of the workshop.

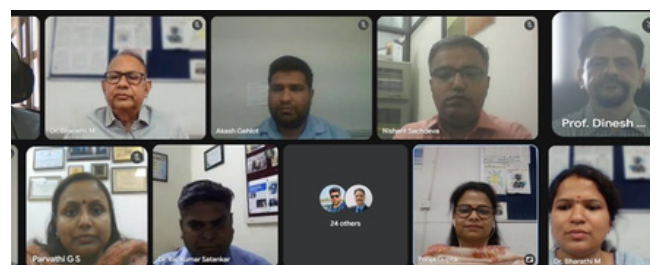
Student Workshop on 'River Discharge Estimation using Non-Traditional Techniques'

A five-day workshop for students on the topic 'River Discharge Estimation using Non-Traditional Techniques' was organized from March 23rd to 28th, 2026. During the workshop, students were provided with essential skills in Discharge Estimation using Entropy Theory. Dr. Jitendra Kumar Vyas and Dr. Pooja Jain were the coordinators of the workshop.



Faculty Development Programme on 'Recent Trends in Sustainable Engineering Concepts'

A five-day faculty development Programme on 'Recent Trends in Sustainable Engineering Concepts' was organised from April 6th to 10th, 2026. The FDP covered all aspects of advancements and emerging solutions in sustainable engineering. Around 100 participants completed the program and received their participation certificates. Dr Pooja Gupta and Dr Bharathi M were the coordinators of the FDP.



GRADUATION CEREMONY OF 'BRIDGE DESIGN CERTIFICATION COURSE'

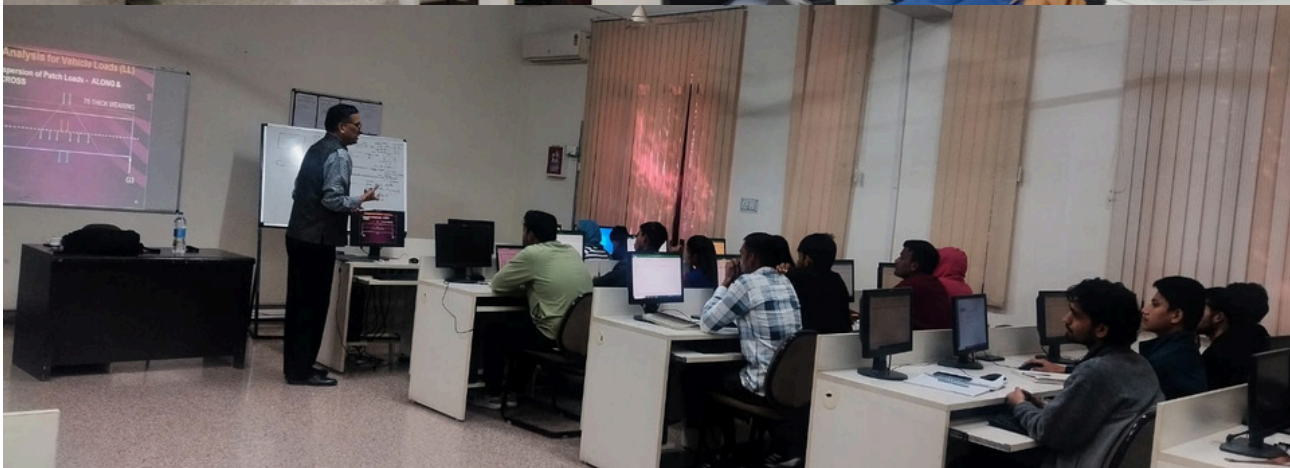
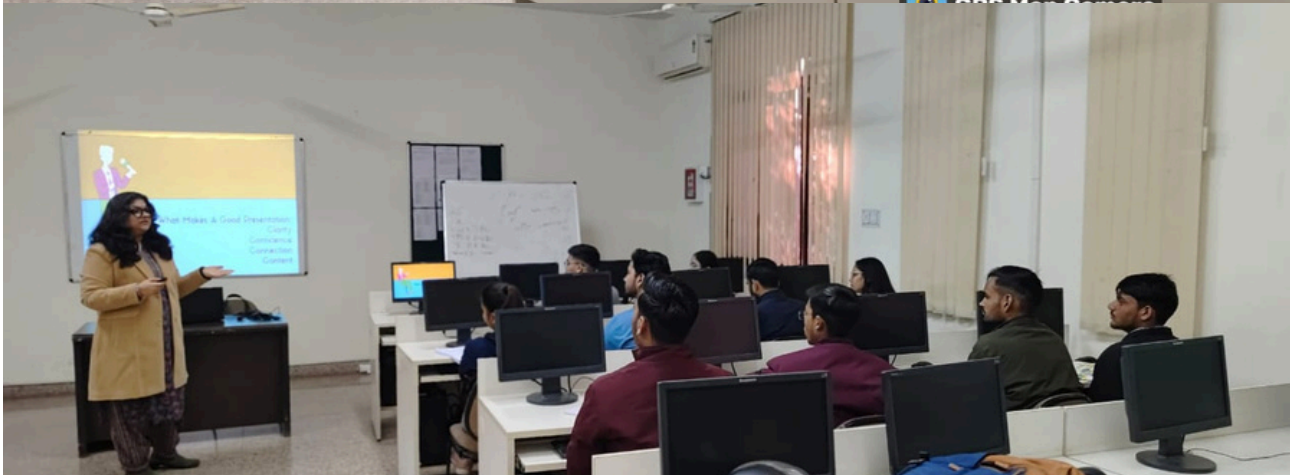
The Department of Civil Engineering, Swami Keshvanand Institute of Technology (SKIT), Jaipur, in collaboration with HG Infra Engineering Limited (HGIEL), successfully conducted the Graduation Ceremony of the Bridge Design Certification Course, marking the culmination of a unique academic–industry initiative.

The certification course was designed to provide students with a comprehensive blend of theoretical knowledge and practical exposure through classroom sessions, hands-on workshops, expert lectures, site visits, assessments, and pre-placement evaluations. A total of 22 civil engineering students were selected through a rigorous screening process. The students also benefited from expert sessions delivered by professionals from HG Infra and a three-day site visit to a DMRC project in Delhi, which provided valuable insights into real-world bridge and infrastructure projects.

The Graduation Ceremony celebrated the successful completion of the programme and the achievements of the participating students. Students were evaluated on the basis of attendance, academic performance, assessments, and interview rounds. As a significant outcome of the programme, eight students were successfully placed with HG Infra Engineering Limited.



GLIMPSE OF 'BRIDGE DESIGN CERTIFICATION COURSE'



IN-HOUSE INTERNSHIP

3rd Semester Inhouse Internship (15 Days)

Coordinators: Nikhil Sharma, Dr Pooja Jain, Pankaj Gupta

The internship programme included expert sessions on mind control, GIS applications in Civil Engineering, and climate change emergency, delivered by distinguished professionals and organizations. Students also visited an RMC plant, an industrial building at Sitapura, and a geological site at Goner, gaining valuable insights into real-world engineering practices.



5th Semester Inhouse Internship (45 Days)

Coordinators: Anirudh Mathur, Ankur Mishra, Dr Nishant Sachdeva

The internship programme included site visits to the ROB at CBI Phatak, Jaipur; Elevated Road at Gopalpura, Jaipur; and Central Vista Project, Delhi, offering students valuable insights into ongoing infrastructure projects. Students also received practical training in industry-relevant software including AutoCAD, Revit, and STAAD.Pro.



CLUB ACTIVITIES

IGBC STUDENT CHAPTER Coordinators:

Dr. Palak Agarwal, Dr. Farhan Khan



*Five-day Student Workshop on
“Careers, Skills and Future Opportunities in
Environmental Engineering”
12th – 17th January 2026*



*Site visit at “Dehlawas Sewage Treatment
Plant (215 MLD), Jaipur”
13th January 2026*

STANDARDS CLUB

Coordinator: Dr. Pooja Jain



*Exposure Visit to National Test House,
Laboratory, Jaipur
5th February 2026*



*Quiz & Standard Writing Competition
20th March 2026*

NIRMAAN CLUB

Coordinators:

Dr. Sunita Tolani, Dr. Aditi S. Vibhute



*Site Visit at “Construction site of ROB at
CBI Phatak, Jaipur
13th March 2026*



*ETABS Software Competition
20th March 2026*

FACULTY ACHIEVEMENTS

Papers Published in Journal

Author	Role	Title	Journal
Dr Farhan Mohammad Khan	Co-Author	ACross-Country Study of Governance and Environmental Sustainability Using Machine Learning	Sustainability, Vol. 18; Issue 11 (2026)
Pawan Patidar	Author	Durability and multi-scale characterization of fly ash geopolymers incorporating Kota stone slurry waste	Progress in Engineering Science, Vol. 3; Issue 2 (2026)

NPTEL Course Completed

Faculty Name	Course Name	Award
Dr Aditi Shivachandra Vibhute	Natural Hazards	Elite
Dr Bharathi M	Remote Sensing Essentials	Elite + Silver
Dr Sunita Tolani	Smart Cities	Elite + Gold
Jetender Babulal Jangid	Smart Cities	Elite + Gold
Dr Jitendra Kumar Vyas	Smart Cities	Elite + Silver
Dr Farhan Mohammad Khan	Remote Sensing and GIS for Rural Development	Elite
Dr Palak Agarwal	Industrial Wastewater Treatment	Elite + Silver
Dr Farhan Mohammad Khan	Artificial Intelligence (AI) for Management	Elite
Jitendra Kumar Vyas	Air Pollution and Control	Elite
Jetender Babulal Jangid	Disaster Recovery and Build Back Better	Successfully completed

FDP /Workshop Attended

Faculty Name/s	Title	Organised by	Date
Dr. Aditi S. Vibhute	Sustainability in Civil Engineering: Emerging Trends and Practical Applications	Rajarshi Shahu College of Engineering, Pune	22- 26 June, 2026

M.Tech. Supervised

Dissertation Topic: Performance Study of Lime and Fly Ash-Treated Reclaimed Asphalt Pavement in Flexible Pavement

Student Name: Jahnvi Sharma; **Guided by:** Prof. Dinesh Kumar Sharma

STUDENT ACHIEVEMENTS

NPTEL Course Completed

Student Name	Year	Course Name	Award
Kartikey Kumar	II	Air Pollution and Control	Elite
Harshini Gupta	III	Air Pollution and Control	Elite
Mridul Gaur	II	Air Pollution and Control	Elite
Kapil Saini	II	Air Pollution and Control	Elite
Aryan Kadhala	II	Air Pollution and Control	Elite
Hiren Patidar	II	Air Pollution and Control	Elite
Lakshya Foujdar	III	Geographic Information Systems	Elite
Bhumika Yogi	II	The Science of Happiness and Wellbeing	Elite
Nupur Agarwal	IV	Hydraulic Engineering	Elite
Sahil Sharma	IV	Fundamentals of Object Oriented Programming	Elite
Sahil Sharma	IV	Enhancing Soft Skills and Personality	Elite
somil	I	Fundamentals of Object Oriented Programming	Elite
Lakshita Saini	I	Enhancing Soft Skills and Personality	Elite
Sumit kumar meena	IV	Healthcare Entrepreneurship	Elite+gold
Bhavesht Sharma	IV	Basic Construction Materials	Elite+Silver
Sumit kumar meena	IV	Geographic Information Systems	Elite+Silver
Nupur Agarwal	IV	Enhancing Soft Skills and Personality	Elite+Silver
Nupur Agarwal	IV	Basic Construction Materials	Successfully completed
Janak Bagaria	I	Problem Solving Through Programming In C	Successfully completed
Lakshya Foujdar	III	Air Pollution and Control	Successfully completed
Harshit verma	II	Concrete Technology	Successfully completed
Keshav kumawat	II	Concrete Technology	Successfully completed
Komal Meena	II	Concrete Technology	Successfully completed
Krishna Gupta	II	Concrete Technology	Successfully completed
Dhruv Rawat	II	Concrete Technology	Successfully completed
Amisha	II	Concrete Technology	Successfully completed
Amisha	II	Water and Waste Water Treatment	Successfully completed
Dhruv Rawat	II	Water and Waste Water Treatment	Successfully completed
Aman Choudhary	II	Water and Waste Water Treatment	Successfully completed

GATE Quilifiers



Bhavesh Sharma
Aman Mishra
Kanishka Dhammapriya
Nitin Meena
Prakhar Khora

Placements

Student Name	Year	Company Name
Aman Jain	IV	Pinnacle Infotech
Azad Singh Rathore	IV	H. G. Infra Engineering
Chaman Budania	IV	Thrillophilia
Devanshu Dagur	IV	JK Cement
Harshit Pareek	IV	Texel Consulting Engineers
Hemant Prajapat	IV	Pinnacle Infotech
Kaynat Ansari	IV	Texel Consulting Engineers/ Pinnacle Infotech/H. G. Infra Engineering
Nupur Agarwal	IV	Pinnacle Infotech/ H. G. Infra Engineering
Priyanshu Yadav	IV	H. G. Infra Engineering
Ravindra Bairwa	IV	H. G. Infra Engineering
Siddharth Choudhary	IV	Texel Consulting Engineers
Sumit Kumar Meena	IV	H. G. Infra Engineering
Akash Gupta	IV	Pinnacle Infotech/ H. G. Infra Engineering
Laxman Choudhary	IV	H. G. Infra Engineering
Lovenish Sankhla	IV	Megha Engineering & Infrastructure
Rajesh Kumar	IV	Shubhashish Projects Pvt. Ltd., Jaipur

ALUMNI ACHIEVEMENTS

Anil Sharma (2018-2022)

Executive Engineer Trainee Engineer at NTPC Limited

Abhijeet Singh Nathawat (2019-2023)

Preventive officer in Mumbai customs through SSC CGL 2024



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(Accredited by NAAC with A++ Grade)

An Autonomous Institute, Affiliated to Rajasthan Technology University, Kota

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