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INFRAVISION

Biannual NEWSLETTER **DEPARTMENT OF CIVIL ENGINEERING**



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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.

Editor
Dr. Sunita Tolani (Associate Professor)

FROM THE HoD'S DESK



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

It gives me immense pleasure to present the second volume of INFRAVISION, the biannual newsletter of the Department of Civil Engineering, SKIT Jaipur. This newsletter serves as a platform to showcase the academic, research, and co-curricular accomplishments of our department and reflects our continuous efforts towards academic excellence and societal contribution.

The Department of Civil Engineering remains committed to imparting quality education, promoting research culture,

and nurturing professional ethics among students. The wide range of departmental activities, expert talks, workshops, conferences, and student-led initiatives highlighted in this issue demonstrate our collective dedication to experiential learning and industry relevance.

I take great pride in the achievements of our faculty members, students, and alumni, whose accomplishments at academic, professional, and competitive platforms bring laurels to the department. Special appreciation goes to our alumni for their outstanding success in prestigious examinations and professional domains, inspiring current students to aim higher.

I extend my sincere gratitude to the editorial team, faculty members, staff, and students for their valuable contributions in bringing out this issue. I am confident that INFRAVISION will continue to inspire innovation, leadership, and excellence in civil engineering education.

FROM THE EDITOR'S DESK



Dr. Sunita Tolani
Associate Professor

It is with great enthusiasm and pride that I present INFRAVISION, Volume 2, Issue 1, the biannual newsletter of the Department of Civil Engineering. This edition captures the vibrant academic environment, diverse activities, and noteworthy achievements of our department during the academic session.

The newsletter highlights departmental initiatives such as technical fests, workshops, expert lectures, conferences, and club activities, reflecting our focus on holistic development, industry interaction, and practical exposure. It also features

faculty research contributions, student achievements, placements, and inspiring alumni success stories, which collectively showcase the department's growth and excellence. I extend my heartfelt appreciation to the Head of the Department for his guidance, to all faculty members, students, and staff for their active participation, and to contributors for their valuable inputs.

I hope this newsletter serves as a source of information, inspiration, and pride for all readers and strengthens our collective commitment to academic excellence and societal service.

SUCCESS STORY



NEERAJ SHARMA (2017-2021)

RANK 32 – RAS 2023

My path to the Rajasthan Administrative Service (RAS) is a testament to perseverance, support, and a clear vision. Born and raised in Jaipur, I completed my schooling in Jaipur before earning a B.Tech in Civil Engineering from SKIT Jaipur in 2021.

My journey towards the RAS examination began in my final year of college when I interacted with seniors who had successfully cleared the exam. Their experiences, combined with the constant encouragement of my family, fueled my motivation to pursue civil services. The prestige of the RAS and the opportunity to serve society through diverse administrative responsibilities resonated deeply with me, making the preparation journey purposeful and fulfilling.

The RAS examination is a three-tiered challenge consisting of prelims, mains, and an interview. I meticulously analyzed the syllabus and previous years' question papers and structured my preparation subject-wise and paper-wise. I set daily, weekly, and monthly targets, and made extensive use of test series along with current affairs from newspapers such as The Indian Express and Rajasthan Patrika.

My college played a pivotal role in shaping my overall journey. The academic rigor helped instill consistency and discipline, while leadership programs organized by the college allowed me to interact with civil servants, further strengthening my motivation. The diverse experiences gained through internships and extracurricular activities contributed significantly to my personality development, which proved crucial during the interview stage. The supportive academic environment of my college gave me the confidence to aim high and remain focused on my goals.

Preparing for a competitive examination like RAS also taught me patience, self-belief, and the importance of mental resilience. There were moments of doubt, but staying connected to my purpose helped me move forward. Each challenge became a learning experience that strengthened my resolve.

My advice to aspiring candidates is to recognize their abilities and interests, stay disciplined, and remain consistent in their efforts. I firmly believe that with focused preparation, perseverance, and faith in oneself, success is inevitable.

Looking ahead, I am committed to serving society with honesty and dedication, contributing to the vision of a developed India and working towards the upliftment of all sections of society.

DEPARTMENTAL ACTIVITIES

Road Safety Awareness Programme

Department of Civil Engineering, SKIT Jaipur, in collaboration with PWD, Jaipur, conducted a Road Safety Awareness programme and distributed helmets to female staff and students on August 4th 2025. Mr. Nikhil Sharma and Mr. Anirudh Mathur coordinated the event.



neighbouring states. The fest was coordinated by Mr. Anirudh Mathur.



Technical Fest 'ICI Fest 2025'

The student chapter of the Indian Concrete Institute organized ICI Fest'25 in collaboration with the Bureau of Indian Standards (BIS) from September 26th to 28th, 2025, at SKIT Jaipur. The inaugural ceremony was graced by the presence of Mr. Anoop Bartariya, (architect and urban planner), Shri Jaipal Meel (Director, SKIT College), Dr. Ramesh Kumar Pachar (Principal), Dr. R. K. Jain (Dean), Prof. B. L. Sharma (Head of the Civil Engineering Department), along with the heads of various other departments of SKIT. The fest witnessed overwhelming enthusiasm and emerged as one of the largest student-driven civil engineering festivals in India. The fest attracted a record participation of 5010 students from more than 10 engineering colleges across Rajasthan and

Student Workshop on 'MS Excel-Basic to Advanced'

The 'MS Excel: Basic to Advanced' workshop was conducted from October 6th to 10th, 2025. The workshop aimed to equip students with essential skills in Microsoft Excel. It drew participation from 35 enthusiastic students eager to enhance their proficiency in Excel. Dr. Pooja Jain and Dr. J. K. Vyas coordinated the event.



Expert Talk on 'Repair and Rehabilitation Case Studies'

On October 8th 2025, an expert session was organized on the topic 'Repair and Rehabilitation Case Studies' by Dr. Rakesh Choudhary, Head R&D (Texel Consulting Engineers Pvt. Ltd., Jaipur). Dr. Pooja Gupta and Dr. Bharathi M. coordinated the event.



Survey Camp

Survey Camp was organised from 28th October to 2nd November 2025 for 3rd semester students at Pooth ka Bas, Chandwaji, Jaipur. This field training was a vital component of the academic curriculum and aimed to provide students with practical exposure to various surveying techniques, including topographic survey, profiling and cross-section levelling, and contour mapping. Mr. Ankur Mishra and Mr. Nikhil Sharma coordinated the camp. Mr. Lal Chand Swami, Ms. Leena Narula, Mr. Prahlad Kumar, and Mr. Anil Somvanshi provided technical support in the camp.



Conference and Conclave on Rethinking Roads-2025

A two-day conference and conclave titled "Rethinking Roads 2025" was organized on 7th and 8th November 2025 by the Department of Civil Engineering and the Center of Excellence in Transportation, SKIT Jaipur, in collaboration with Muskaan NGO, ICI and IGBC. The inaugural session was graced by Shri V. K. Singh, ADGP (Law and Order), Rajasthan, along with other eminent guests, and Padma Shri Maya Tandon, who was felicitated during the ceremony. The event featured keynote addresses, panel discussions and research presentations. Thirty-five research papers were presented. Eminent administrators, industry experts and academicians emphasized road safety education, civic sense, driver behaviour and early intervention.

The conclave highlighted the need for technology-driven safety systems and structured training to reduce road accidents. The event was coordinated by Mr. Anirudh Mathur, Mr. Deepak Sharma and Dr. Kishan Lal Jain.



CLUB ACTIVITIES

IGBC STUDENT CHAPTER

Coordinators:

Dr. Palak Agarwal, Dr. Farhan Khan



TRAINING PROGRAM ON ECSBC 2024

13th October 2025

Coordinated by Dr Palak Agarwal and
Dr Bharathi M.



EXPERT TALK ON
'Green Building Technologies'
11th September 2025

STANDARDS CLUB

Coordinator:

Dr. Pooja Jain



QUALITY PLEDGE ON
WORLD STANDARDS DAY

14th October 2025



EXPERT SESSION ON
HOLISTIC HEALTH AND WELLBEING
18th July 2025

NIRMAAN CLUB

Coordinators:

Dr. Sunita Tolani, Dr. Aditi S. Vibhute



POSTER MAKING COMPETITION
20th August 2025

FACULTY ACHIEVEMENTS

Papers Published in Journal

Author	Role	Title	Journal
Dr Aditi Shivachandra Vibhute	Author	Seismic performance of base isolated frame under main and aftershocks	Journal of Vibration Engineering & Technologies (2025) ISSN: 2523-3920
Dr Kishan Lal Jain	Co-Author	Durability Assessment of Waste-Derived Mortar Binders in Marine and Sulphate-Rich Environments: A Case of Glass Powder and Copper Slag	Jordan Journal of Civil Engineering (2025) ISSN: 1993-0461
Dr Nishant Sachdeva	Co-Author	Sustainable Pavement Solutions: Impact of Compaction Temperature on Organic Additive-based Warm Mix Asphalt	Jordan Journal of Civil Engineering (2025) ISSN: 1993-0461
Pankaj Gupta, Dr Saurabh Singh	Author, Co-Author	Evaluating Long-Term Stability of Embankments on Soft Soils: A Numerical Study with Taguchi Optimization	Indian Geotechnical Journal (2025) ISSN: 2277-3347
Pankaj Gupta, Dr Saurabh Singh	Author, Co-Author	Enhancing Coastal Embankment Performance through Numerical Modelling and Taguchi Optimization	Geotechnical and Geological Engineering (2025) ISSN: 0960-3182

NPTEL Course Completed

Faculty Name	Course Name	Award
Dr Bharathi M	Introduction to Urban Planning	Elite + Silver
Dr Pooja Gupta	Project Planning & Control	Elite + Silver
Dr Sunita Tolani	Accreditation and Outcome Based Learning	Elite + Gold

M.Tech. Supervised

DISSERTATION TOPIC: Subgrade Soil Stabilization using Geogrids for Pavement Construction
 NAME OF STUDENT: Deeksha Sharma
 GUIDED BY: Dr Bharathi M.

FDP /Workshop Attended

Faculty Name/s	Title	Organised by	Date
Prof. D.K. Sharma	Ethical Application of AI in Higher Education for Teaching, Research and Education Work	Eudoxia Research University (ERU)-USA and Eudoxia Research Centre (ERC)-India	08-17 September, 2025
Dr. Aditi S. Vibhute	Advances in Intelligent Civil Engineering	Madanapalle Institute of Technology & Science (MITS), Andhra Pradesh	10- 14 September, 2025
Dr. Aditi S. Vibhute	Advanced Seismic Design for Resilient Structures	Ennovare Research Academy	20 September, 2025
Dr. Aditi S. Vibhute	Application of Machine Learning in Civil Engineering	NIT Raipur	22- 26 September, 2025

CREATIVE CORNER

Demise Of Icarus

The more trusted that light seemed,
Ventured into the abyss,
A chimera of hope,
& For I; the only light it seemed,
Flickered & Flickered & Flickered in joy,
"Faith is Blind", How true it has been said,
A lie to Truth, A lie on Truth,
All that glitter was just a shimmer,
& Again, "Faith is Blind" under that ruth,
Left thy hooe & I burned,
Close to the sun,
"Demise of Icarus" as he fell,
To fly high atleast he dared,
As hope stayed behind, the fall carried over,
Burning Icarus was left & the light kept shining,
Abyss kept weeping on Icarus' Demise...

Yash Singh

V-B

दहलीज़

दहलीज़, ये चीज़ वो माँगती है, महफूज़ बाहें वो माँगती है,
वो इज्जत और एहतेराम माँगती है...
और तुम चंद लम्हों में तौलते हो
उस चार दीवारों में रहने वाली को...
समझने से कतराते हो...
वो बस तुमसे तुम्हारा वक्त माँगती है, मोहब्बत माँगती है...
वो अपना वजूद तुम्हें सौंपती है और सिर्फ एतिबार माँगती है...
वो तुमसे निभाने की क़समें नहीं, सच्ची वफ़ा माँगती है...
बचपन से जहाँ रही ना वो मकान उसका था
वो तुमसे अपना आशियाना माँगती है,
कुछ ख्वाब थे उसके जो पीछे रह गए,
अब वो बस तुमसे तुम्हारा साथ माँगती है।
सितारों की गर्दिश जैसे, उसके अरमान भी धूमते हैं तुम्हारी आँखों में,
वो तुमसे सूरज की गर्मी नहीं, चाँद की ठंडी रौशनी माँगती है
दरिया की गहराई में डूबा मोती बनकर, वो तुम्हारी रुह में अपना अक्स
दूँढ़ती है
खामोशियों के दरमियाँ वो तुमसे एक ऐसी जुबान माँगती है जो अल्फ़ाज़
से परे हो,
ज़मीन और आसमान के बीच, वो तुमसे अपने होने का एहसास माँगती है,
वो माँगती है कि तुम उसके ख्वाबों को अपना बना लो
क्योंकि हर दहलीज़ के पार, एक रुह है जो सिर्फ अपनापन माँगती है।

Kaynat Ansari

VII-A

STUDENT ACHIEVEMENTS

NPTEL Course Completed

Student Name	Year	Course Name	Award
Aman Mishra	IV	Soft Skills	Elite
Bhavesh Sharma	IV	Advanced Calculus for Engineers	Elite
Nupur Agarwal	IV	Public Speaking	Elite
Sumit Kumar Meena	IV	Copyright and Related Rights Law	Elite + Silver
Abhishek Chandel	III	Basic Environmental Engineering and Pollution Abatement	Elite
Ajay Raj	III	Public Speaking	Elite
Ajay Raj	III	Project Planning and Control	Elite + Silver
Bhumika Yogi	III	Basic Environmental Engineering and Pollution Abatement	Elite
Bhumika Yogi	III	Building Materials and Composites	Successfully Completed
Happy Gill	III	Basic Environmental Engineering and Pollution Abatement	Successfully Completed
Harshini Gupta	III	Basic Environmental Engineering and Pollution Abatement	Elite
Honey Gill	III	Basic Environmental Engineering and Pollution Abatement	Elite
Harshini Gupta	III	Project Planning and Control	Successfully Completed
Lakshya Foujdar	III	Basic Environmental Engineering and Pollution Abatement	Elite
Gaurav Bhadoo	II	Building Materials and Composites	Successfully Completed
Keshav Kumawat	II	Soft Skills	Elite
Keshav Kumawat	II	Building Materials and Composites	Elite
Komal Meena	II	Public Speaking	Successfully Completed
Nandani Rao	II	Building Materials and Composites	Successfully Completed
Pawan Choudhary	II	Building Materials and Composites	Successfully Completed
Rohit Kumar Saini	II	Engineering Geology	Successfully Completed

Sports

Student Name	Year	Event Name	Prize Won
T Nirvaraj Singh	IV	RTU Football Tournament	1st Prize
Manoj Choudhary	IV	RTU Handball Tournament	1st Prize
Nikhil Sharma	II	RTU Handball Tournament	1st Prize
Manoj Choudhary	IV	RTU Volleyball Tournament	Runnerup
Sourabh Khoiwal	II	RTU Volleyball Tournament	Runnerup



Placements

Student Name	Year	Company Name
Anuj Kumar	IV	Texel Consulting Engineers
Ayan Khan	IV	Thrillophilia
Kaushal Meena	IV	Travel LYKKE
Kaynat Ansari	IV	Travel LYKKE
Mannat Jasrotia	IV	Varistor Engineering
Nupur Agarwal	IV	Thrillophilia
Rajesh Kumar	IV	Varistor Engineering

ALUMNI ACHIEVEMENTS

Neeraj Sharma (2017-2021)

Rank 32 in RAS 2023 Exam

Rajat Gautam (2016-2020)

Rank 135 in RAS 2023 Exam

Suraj Meena (2018-2022)

Selected as Junior Engineer
in

Panchayti Raj Department, Rajasthan

Atiba Qureshi (2019-2023)

Selected as Junior Engineer
in

Panchayti Raj Department, Rajasthan

Lokesh Mali (2019-2023)

Appointed as Post Graduate Engineer Trainee
at

S.A. Infrastructure Consultants Pvt. Ltd., Noida (U.P.)

PRAVAH 2026: NAVRAS

The Department of Civil Engineering is pleased to host SKIT's Annual Fest, PRAVAH 2026, to be held from 16–21 February 2026. Centered on the theme “Navras”, the fest will celebrate technical excellence, creativity, and cultural expression through a series of academic and co-curricular events.



Pravah 2026
“Navras” — the nine human emotions



DEPARTMENT OF CIVIL ENGINEERING



SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN

(Accredited by NAAC with A++ Grade)

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