

THIRD-EYE

NEWSLETTER VOLUME 5 ISSUE 2
SESSION : JULY-DEC 2025



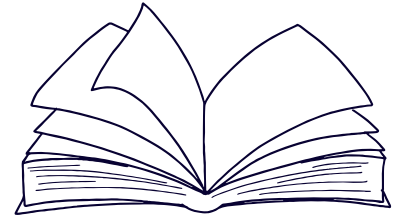
NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING



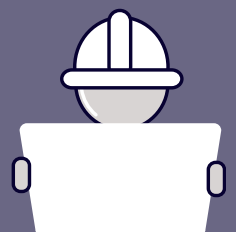
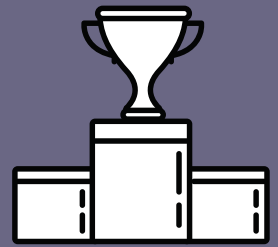
SHRI SHANKARACHARYA INSTITUTE
OF PROFESSIONAL MANAGEMENT &
TECHNOLOGY, RAIPUR

THIRD-EYE



IN THIS ISSUE

- **Chairman's Message**
- **Principal's Message**
- **Head of Department's Message**
- **Vision & Mission**
- **Departmental Activities**
- **Student's Placements**
- **Industrial / Site Visits**
- **Message From Creative Team**
- **Message From Editorial Team**



CHAIRMAN'S MESSAGE

SHRI NISHANT TRIPATHI CHAIRMAN (B.G), SSIPMT, RAIPUR



I am pleased to learn that the Department of Civil Engineering at SSIPMT is publishing its Bi-Annual Newsletter, creating a valuable platform to highlight the department's academic activities, initiatives, achievements, research endeavours, and technical contributions.

Civil Engineering is one of the oldest and most important branches of engineering. Even today, the term "Engineer" is traditionally associated with Civil Engineering, primarily because the contributions of civil engineers are an essential and visible part of our daily lives. From roads, buildings, bridges, and dams to airports and other vital infrastructure, their efforts form the foundation of modern civilization. Despite rapid technological advancements and the emergence of new interdisciplinary fields, Civil Engineering continues to maintain its distinct identity and significance. With a rich legacy, the discipline continues to progress by embracing innovation, advanced technologies, and evolving societal requirements.

The publication of this newsletter is a commendable initiative that reflects the department's enthusiasm, dedication, and commitment towards academic excellence.

I extend my heartfelt congratulations to the faculty members and students of the Civil Engineering Department for this initiative and wish them continued growth, success, and excellence in all their future endeavours.

PRINCIPAL'S MESSAGE

DR. ALOK KUMAR JAIN
PRINCIPAL, SSIPMT, RAIPUR



Education is not merely the process of gaining knowledge; it is also about developing the skills, values, and abilities necessary to lead a meaningful life and build a balanced personality. It is a continuous journey of learning, growth, and self-development. I am pleased to acknowledge the significant progress achieved through various initiatives and our collective efforts to overcome challenges while striving to provide quality education.

SSIPMT has always encouraged active participation in diverse activities that offer students and faculty members opportunities to recognize, develop, and showcase their talents. I am delighted to learn that the Department of Civil Engineering is publishing its Bi-Annual Newsletter. This publication presents a comprehensive glimpse into the department's activities, achievements, initiatives, and progress across various areas.

I sincerely appreciate and congratulate the department for its commitment and consistent efforts towards providing quality, holistic, and meaningful education to students. I extend my best wishes to the entire department for continued growth, success, and excellence as they move forward with confidence, dedication, enthusiasm, and pride.

HEAD OF DEPARTMENT'S MESSAGE

DR. TARUN KUMAR RAJAK **HOD, CIVIL, SSIPMT, RAIPUR**



I am pleased to learn that the Department of Civil Engineering is bringing out Volume 5, Issue 1 of its Department Newsletter. Each edition represents another milestone in the department's journey, reflecting its activities, achievements, initiatives, and continuous pursuit of excellence. It provides a meaningful platform to celebrate progress, encourage creativity, and strengthen our commitment to professional development.

This edition thoughtfully showcases the enthusiasm, creativity, and valuable contributions of both faculty members and students. The newsletter serves as an effective technical platform for presenting innovative ideas, encouraging active participation, and highlighting the diverse talents and accomplishments within the department.

One of the department's greatest strengths is its team of experienced, qualified, and dedicated faculty members, who continuously guide, motivate, and support students in their pursuit of academic and professional excellence.

I encourage all readers to share their valuable feedback, suggestions, ideas, and contributions to make future editions more informative, engaging, and enriching.

“Knowledge lays the foundation, dedication drives progress, and perseverance transforms aspirations into achievements. Together, they pave the way towards lasting excellence.”

INSTITUTE'S VISION AND MISSION

VISION

To emerge as a leading technical institute that fosters innovation-driven education, nurtures creativity, and develops skilled, ethical, and socially responsible professionals equipped to meet the challenges of the future.

MISSION

- Building strong partnerships and collaborations with industries and government organizations to exchange knowledge, foster innovation, and address socially relevant challenges.
- Strengthening infrastructure and implementing effective practices to support innovation-oriented education and research.

DEPARTMENT'S VISION AND MISSION

VISION

To emerge as a pioneer in Civil Engineering by making meaningful contributions to regional, national, and global progress.

MISSION

- To create and maintain an academic environment that equips students with value-based engineering knowledge and a broad range of skills.
- To cultivate an inquisitive attitude among students that encourages innovative, creative, and ethical thinking.
- To develop competent professionals and entrepreneurs who can take on responsibilities and challenges for the betterment of society.



DEPARTMENTAL ACTIVITIES



ALUMINI TALK

DATE - 25/09/2025



The Department of Civil Engineering, in association with IQAC, SSIPMT Raipur, organized an Alumni Talk on 25th September 2025 on “The New Blueprint: Building a Civil Engineering Career in the Digital Age.” The session featured an insightful address by Mr. Kanha Dewangan, Site Engineer, EkNumber Sauda, who shared valuable insights on career opportunities, industry expectations, and the evolving role of digital technologies in civil engineering. The programme focused on career counselling and guidance.

EXPERT TALK ON FUTURE OF CIVIL ENGINEERING

DATE - 05/08/2025



The Department of Civil Engineering, in association with the Institution's Innovation Council (IIC), SSIPMT Raipur, organized an Expert Talk on “The Future of Civil Engineering: Software-Driven Solutions for Sustainable Infrastructure” on 5th August 2025. The session featured an insightful address by Mr. Naresh Keshariya, Director, CAD-Brain, Raipur, who shared valuable insights into the role of software and digital technologies in modern civil engineering. The programme focused on emerging technological solutions, sustainable infrastructure development, and the importance of digital skills in preparing students for the evolving demands of the civil engineering industry.

FIVE DAYS FACULTY DEVELOPMENT PROGRAM

DATE - 8/12/2025 - 12/12/2025



The Department of Civil Engineering, SSIPMT Raipur, organized a Five-Day Faculty Development Programme (FDP) on “Innovations in Civil Engineering for Sustainable and Resilient Infrastructure” from 8th to 12th December 2025. The programme focused on emerging technologies, sustainable construction practices, resilient infrastructure, and the integration of research with practical and industry-oriented applications. The FDP provided participants with valuable exposure to recent advancements in civil engineering, enhancing their knowledge, research capabilities, teaching practices, and professional skills for developing sustainable and disaster-resilient infrastructure.

ICT TOOLS TRAINING FOR FACULTY MEMBERS

DATE - 12/08/2025



The Department of Civil Engineering, in association with IQAC, SSIPMT Raipur, organized an ICT Tools Training Programme for Faculty Members on “Applications of AI in Structural Engineering: ETABS + Predictive Analysis” on 12th August 2025. The session was conducted by Mr. Anurag Wahane, Assistant Professor, Department of Civil Engineering, SSIPMT Raipur, who provided valuable insights into the application of artificial intelligence, ETABS, and predictive analysis in structural engineering. The programme aimed to enhance faculty members' technical knowledge and promote the effective use of modern digital tools in teaching, analysis.

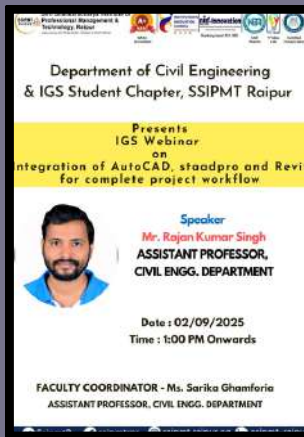


DEPARTMENTAL ACTIVITIES



IGS WEBINAR

DATE - 2/09/2025



The Department of Civil Engineering, in association with the IGS Student Chapter,SSIPMT Raipur, organized an IGS Webinar on “Integration of AutoCAD, STAAD Pro and Revit for Complete Project Workflow” on 2nd September 2025. The session featured an insightful address by Mr. Rajan Kumar Singh, Assistant Professor, Department of Civil Engineering, SSIPMT Raipur, who provided valuable insights into the integrated use of AutoCAD, STAAD Pro, and Revit in civil engineering projects. The programme focused on enhancing students’ technical skills and understanding of modern software tools for efficient design, analysis, and project workflow.

Civilpreneur: From Engineer to Entrepreneur

DATE - 18/08/2025



The Department of Civil Engineering, in association with the Institution’s Innovation Council (IIC), SSIPMT Raipur, organized a session on “Civilpreneur: Engineer to Founder (Converting Innovation into a Startup)” on 18th August 2025. The session featured insightful addresses by Er. Akash Bohare, Founder of Learn Ezy Edutech LLP, and CIA. Aishwarya Gajendra, Founder of Sankatmochan Solutions Consulting Agency, who shared valuable insights into entrepreneurship, innovation, and startup development. The programme encouraged students to explore entrepreneurial opportunities and transform innovative ideas into successful ventures.

Emerging Technologies in Civil Engineering

DATE - 26/11/2025



The Department of Civil Engineering, in association with the Institution’s Innovation Council (IIC), SSIPMT Raipur, organized a One-Day Session on “Emerging Technologies in Civil Engineering” on 26th November 2025. The session featured an insightful address by Mr. Anish Tulswani, Site Engineer, RNG Group, Raipur, who shared valuable insights into emerging technologies and their applications in the civil engineering sector. The programme aimed to enhance students’ understanding of modern engineering practices and encourage them to adopt innovative and technology-driven approaches for sustainable infrastructure development.

One Day Workshop on Entrepreneurship & Innovation

DATE - 25/11/2025



The Department of Civil Engineering, in association with the Institution’s Innovation Council (IIC), SSIPMT Raipur, organized a One-Day Workshop on “Entrepreneurship & Innovation” on 25th November 2025. The session featured an insightful address by Mr. Jay Varsani, Senior Manager, Planning and Estimation, ShreejiKrupa Project Ltd., who shared valuable insights into entrepreneurship, innovation, project planning, and estimation. The programme aimed to encourage students to develop an entrepreneurial mindset.

INDUSTRIAL & SITE VISITS



FIELD VISIT TO WATER RESOURCES DIVISION

DATE: 4TH DECEMBER 2025

The Department of Civil Engineering,SSIPMT Raipur, organized a site visit to the Water Resources Division at Mohla, Rajnandgaon, Chhattisgarh, on 4th December 2025. The visit provided students with practical exposure to water resource management and field-level engineering practices. The programme helped students understand the functioning of water resource infrastructure and bridge the gap between theoretical knowledge and practical applications. The visit was coordinated by Mr. Rajan Kumar Singh and Mr. Anant Kumar, Assistant Professors, Department of Civil Engineering, SSIPMT Raipur.



SHRI SHANKARACHARYA INSTITUTE
OF PROFESSIONAL MANAGEMENT
& TECHNOLOGY, RAIPUR

A+

INSTITUTION'S
INNOVATION
COUNCIL

nptf-innovat

NBA

ISO 9001

ISO 14001

DEPARTMENT OF CIVIL ENGINEERING

ORGANISES SITE VISIT
TO

WATER RESOURCES
DIVISION

Venue :- Mohla, Rajnandgaon, Chhattisgarh

Date:- 4th December 2025

Faculty Coordinator

Mr. Rajan Kumar Singh
Mr. Anant Kumar
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
SSIPMT, RAIPUR



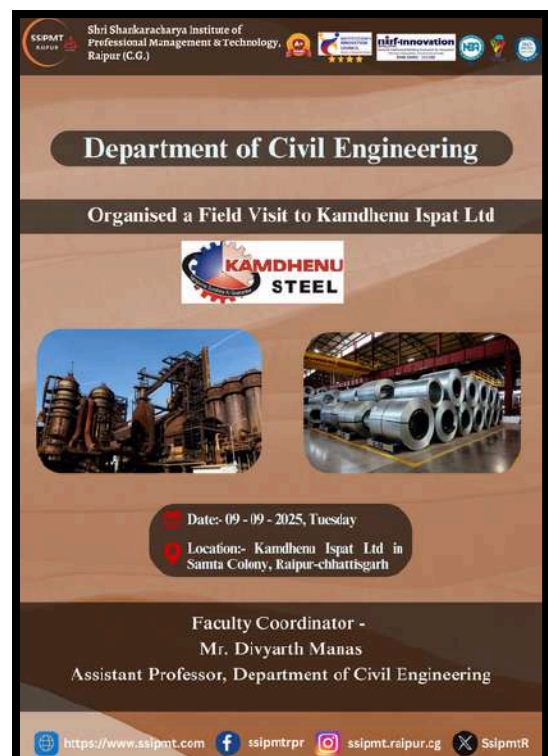
INDUSTRIAL & SITE VISITS



FIELD VISIT TO KAMDHENU ISPAT LTD

DATE: 9TH SEPTEMBER 2025

The Department of Civil Engineering,SSIPMT Raipur, organized a field visit to Kamdhenu Ispat Ltd., located at Samta Colony, Raipur, on 9th September 2025. The visit provided students with valuable practical exposure to steel manufacturing processes, industrial operations, and the application of civil engineering principles in the steel industry. The programme helped students understand real-world industrial practices and bridge the gap between theoretical knowledge and practical applications. The visit was coordinated by Mr. Divyarth Manas, Assistant Professor, Department of Civil Engineering, SSIPMT Raipur.



PLACEMENTS (B.TECH)



S. No	Name of The Student	Company	Designation	Package LPA
1	Shubham Mandal	Shree Cement	Civil Engineer	6
2	Prakash Sahu	Shree Cement	Civil Engineer	6
3	Jay Dabhi	Zenus Group	Design Engineer	7
4	Hardeek Dewangan	Zenus Group	Design Engineer	7
5	Abhay Kumar Prajapati	Zenus Group	Design Engineer	7
6	Chanchal Sahu	JK Lakshmi Cement Ltd.	Technical Trade Division	3.5
7	Smriti Jaiswal	Alekhyia By Angad	Civil Engineer	6.2
8	Durgesh Kumar Taram	Shree Cement	Civil Engineer	6
9	Brajesh Kumar	JK Lakshmi Cement Ltd.	Technical Trade Division	3.5
10	Vinita Baghel	Alekhyia By Angad	Civil Engineer	6.2
11	Arifa Fatima	Alekhyia By Angad	Civil Engineer	6.2

PLACEMENTS (M.TECH)

S. No	Name of The Student	Company	Designation	Package LPA
1	Nikita Verma	Shree Cement	MIS Executive	6

INTERNSHIPS 7TH SEM 2025-26



S. No	Name of the Student	Duration	Name of the firm
1	Sarabjot Singh Chhabra	4 Months	Chhabra Fuels Service
2	Ayush Prasad Gupta	4 Months	Shivnath Travels
3	Pradyumn Shukla	4 Months	Akansha Travels
4	Aaryansh Dwivedi	2 Months	M/S Vinod Chandrkar Construction
5	Abhinandan Sinha	3 Months	J&T Associates
6	Adarsh Tiwari	3 Months	Manjeeta Construction Hardware
7	Durgesh Kumar Taram	6 Months	Shree JJ Construction
8	Aviral Rai	3 Months	J&T Associates
9	Himanshu Baghel	3 Months	J&T Associates
10	Prakash	6 Months	Roshani Architects

FACULTY RESEARCH PAPER PUBLICATION



Research Paper	Author	Journal	Year	ISSN	Indexing
Experimental Study on the Mechanical Properties of Concrete Using GGBS and Pond Ash with Glass Fiber Reinforcement	Dr. Tarun Kumar Rajak, Sabir Khan, Dr. Alok Kumar Jain	International Journal of Advance Research, Ideas and Innovations in Technology	2025	Volume 11, Issue 4 - V11I4-1189	Journal
Experimental Study on the Interface Shear Strength Characteristics of Tire Cell and Mine Tailings Applying to Geotechnical Projects	Divyarth Manas	Journal of Civil and Environmental Engineering	2025	JULY 2025, VOLUME 13 ISSUE 7	Journal
Seismic response prediction of Rc buildings with vertical setback irregularities: a machine learning framework with interactive HTML-based deployment	Anurag Wahane	Asian Journal of Civil Engineering	17-Nov-25		SCOPUS

COPYRIGHT PUBLICATIONS



S.No.	Name of Applicant	Title of Work	Class And Description of work	Registration Number	Registered Date
1	Sarika Ghamforia	Enhancement In Quality Of Brick Using Sugarcane Bagasse Ash	LITERARY/ DRAMATIC WORK	LD-20250167745	10/07/2025
2	Sarika Ghamforia	Permeable concrete road with fly ash and recycled aggregate containing clay brick waste	LITERARY/ DRAMATIC WORK	LD-20250176533	18/10/2025
3	Anurag Wahane	Development and Durability Analysis of High Performance Concrete Using Supplementary Cementitious Materials and Superplasticizers	LITERARY/ DRAMATIC WORK	LD-20250170134	06/08/2025



FACULTY NPTEL COURSES



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SARIKA GHAMFORIA

for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **71** %

Online Assignments	24.08/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 400

Jul-Aug 2025
(4 week course)



Skill India
कौशल भारत - कुशल भारत



Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL25CE99S645500162

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIVYARTH MANAS

for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	57/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: 400

Jul-Aug 2025
(4 week course)



Skill India
कौशल भारत - कुशल भारत



Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL25CE99S645500165

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PANKAJ KUMAR CHAND

for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	54/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: 400

Jul-Aug 2025
(4 week course)



Skill India
कौशल भारत - कुशल भारत



Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL25CE99S645500026

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ANANT KUMAR

for successfully completing the course

Building Materials and Composites

with a consolidated score of **63** %

Online Assignments	17.79/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 446

Jul-Sep 2025
(8 week course)



Skill India
कौशल भारत - कुशल भारत



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25AR26S632500022

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ANURAG WAHANE

for successfully completing the course

Building Materials and Composites

with a consolidated score of **47** %

Online Assignments	16.67/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 446

Jul-Sep 2025
(8 week course)



Skill India
कौशल भारत - कुशल भारत



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25AR26S632500048

To verify the certificate



No. of credits recommended: 2 or 3

ACHIEVEMENTS BY STUDENTS



SSIPMT RAIPUR SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR, CHHATTISGARH.

AACSB ACCREDITED INSTITUTIONS INNOVATION COUNCIL 5★ nirt-Innovation Ranking Band: 101-200 CSE Branch PPTA Lab Certified Organization

PROUD MOMENT!
ROHAN TIWARI
(B.TECH CIVIL, 5TH SEM)

**CLINCHED 2 GOLD MEDALS AT THE 1ST EAST & WEST ZONE INDIA
POWER LIFTING CHAMPIONSHIP**



CATEGORY

1. OPEN DEAD LIFT -JUNIOR CATEGORY (WT. 105):
1ST POSITION - GOLD MEDAL

2. FULL POWER LIFTING- JUNIOR CATEGORY (WT. 105):
1ST POSITION - GOLD MEDAL

College Code EN135, MB117

www.ssipmt.edu.in

SSIPMT Raipur 9522219177, 8878444000

2 Gold Medals – 1st East & West Zone India Powerlifting Championship

B.Tech Civil Engineering student Rohan Tiwari of SSIPMT Raipur brought pride to the institute by securing two Gold Medals at the 1st East & West Zone India Powerlifting Championship. Competing in the Junior 105 kg category, he secured 1st Position in both the Open Deadlift and Full Powerlifting events. His remarkable performance reflects his dedication, discipline, strength, and commitment to excellence. The achievement is a proud moment for the Department of Civil Engineering and SSIPMT Raipur and serves as an inspiration for fellow students to pursue excellence in academics, sports, and other fields.



CREATIVE TEAM'S MESSAGE



ROHAN TIWARI

B.TECH STUDENT CIVIL,
SSIPMT RAIPUR.

Creativity is a driving force behind progress, encouraging us to discover new possibilities and transform traditional ideas into innovative solutions. It promotes meaningful collaboration by bringing together diverse perspectives, experiences, and ideas, enriching knowledge and nurturing individual potential. Creativity also plays an important role in empowerment by building confidence, adaptability, and the willingness to face challenges with enthusiasm and determination.

We express our sincere gratitude to Dr. Tarun Kumar Rajak, our esteemed Head of the Department, along with our dedicated and respected faculty members. Their continuous guidance, encouragement, and support have enabled us to conceptualize, develop, and proudly present the remarkable “NEWSLETTER VOLUME 5 ISSUE 2.”





MESSAGE FROM EDITORIAL BOARD



As the editorial team of the Civil Engineering Department Newsletter, we extend our sincere gratitude to everyone whose valuable contributions, encouragement, and support have made this edition possible. This issue brings together the department's notable events, achievements, activities, initiatives, and important milestones. Our endeavour is to present these highlights in a clear, engaging, concise, and informative manner, providing readers with a meaningful glimpse into the department's recent progress and developments.

We hope that "THIRDEYE" continues to inspire students to actively participate, express their ideas, and showcase their creativity, skills, and potential.

With our continued commitment to keeping readers informed and connected, we shall strive to uphold the tradition of effectively presenting the noteworthy events, initiatives, and activities of the Civil Engineering Department.

We express our heartfelt gratitude to Dr. Tarun Kumar Rajak (HOD, Civil) for his constant guidance, encouragement, motivation, and valuable support in ensuring the timely preparation and successful publication of "THIRDEYE, VOLUME



NEWSLETTER VOLUME 5 ISSUE 2

