

# THIRD-EYE

NEWSLETTER VOLUME 4 ISSUE 2  
SESSION : JULY-DEC 2024



# NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING



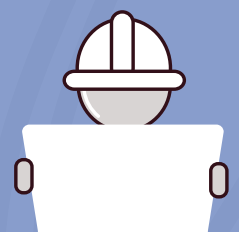
SHRI SHANKARACHARYA INSTITUTE  
OF PROFESSIONAL MANAGEMENT &  
TECHNOLOGY, RAIPUR

# **THIRD-EYE**

## **IN THIS ISSUE**



- **Chairman's Message**
- **Principal's Message**
- **Head of Department's Message**
- **Vision & Mission**
- **Departmental Activities**
- **IGS Student Chapter Events**
- **ACE Events**
- **Collaborative Activities**
- **Student's Placements**
- **Student's Internships**
- **Faculty Patents and Copyrights**
- **Conferences Attended (Students UG)**
- **Industrial / Site Visits**
- **Message From Creative Team**
- **Message From Editorial Team**



## CHAIRMAN'S MESSAGE

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



I am delighted to know that Civil Engineering Department of SSIPMT is bringing out their Bi-Annual News Letter showcasing their activities, initiatives and achievements in addition to technical articles. Civil Engineering is one of the oldest recognized branches of engineering that, even today for most of the old timers Engineer implicitly meant Civil Engineer. It could be because all their activities could be visibly seen in the form of roads, buildings, bridges, dams, airports etc. The other engineering disciplines may change with times in evolving, reshaping, merging etc. but civil engineering will maintain its unique identity. In-spite of being the oldest discipline, it is still evolving and many new developments are taking place, to make their constructions less costly and affordable, environment friendly and more safer. Lot of research activities are going on in the form of low cost housing, green buildings, constructions which can withstand severe weather and natural calamities. I am happy that Department of Civil Engineering at SSIPMT is keeping up with times by framing and teaching syllabus which includes current trends and also carrying out research activities. The innate desire to bring this newsletter shows their unique identity. I compliment the faculty of Civil Engineering Department for their initiative and wish them all the best in all their future Endeavours.

## PRINCIPAL'S MESSAGE

### **DR. ALOK KUMAR JAIN PRINCIPAL, SSIPMT, RAIPUR**



Education is not only an act of acquiring knowledge but learning a skill to lead life and forming one's personality. This is an ennobling process of growth. I can broadly say that we have excelled in every initiative that we undertook and we have stood together in facing the challenges in realizing quality education. SSIPMT has been actively involved in various activities that have brought to light the hidden talents of the college students and faculty. I am happy to note that the Department of Civil Engineering is coming out with their Bi-Annual Newsletter. The Newsletter is presenting a glimpse of the growth of the Department on many fronts. I congratulate the department for their commitment towards the provision of excellent all round education for our students. I also wish them to move forward with confidence, pride and enthusiasm.

## HEAD OF DEPARTMENT'S MESSAGE

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



I am very happy that our Civil Engineering Department is releasing the volume 4 ,2nd issue of Department Newsletter Each issue of this newsletter is a proud milestone of our events that marks our growth, unleashes our imaginations and measures our professionalism. This issue also carries out the vibrant faculty and student creations. Newsletter is a technical platform to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculty who are continuously supporting the students for their academic excellence. I congratulate the editorial team for their great efforts to make this news letter as a reality. Also I invited the readers of 'Newsletter' for contribution and suggestions.

"Never stop fitting until you arrive at your destined place - that is , the unique you. Have an aim in life continuously acquire knowledge, work hard , and have perseverance to realise that great life" - A. P. J. Abdul Kalam

# INSTITUTE'S VISION AND MISSION

## VISION

**“To be a premier technical institute in the country that imparts innovation-driven education to nurture value-based competent future professionals.”**

## MISSION

The institute will focus on producing competent future professionals by:

- Partnering and collaborating with industry and government in knowledge and addressing socially relevant problems.
- Creating infrastructure and good practices that foster innovation-based education.
- Providing experiences that lead students becoming good engineers.

# DEPARTMENT'S VISION AND MISSION

## VISION

**“To be a pioneer in the field of civil engineering and contribute constructively towards regional, national and global development.”**

## MISSION

- To create and sustain an academic environment that will equip students with value-based engineering knowledge with broad sets of skills.
- To Mould the students with inquisitive attitude that will enable them to apply innovative, creative & ethical thinking.
- To develop competent professionals and entrepreneurs to take the responsibilities and challenges for the betterment of society and global development.



# DEPARTMENTAL ACTIVITIES



**DEPARTMENT OF CIVIL ENGINEERING**  
IN COLLABORATION WITH  
**Sai Design and Software Solutions**

**PRESENTS**

**Software Training on AutoCAD**

**VENUE**

**17 JULY 2024 TO 28 JULY 2024**

**COMPUTER LAB**  
Civil Department  
2nd floor Academic Block

**FACULTY COORDINATOR**  
Mr. Rajan Kumar Singh

SSIPMT Raipur

## SOFTWARE TRAINING AUTOCAD & REVIT

DATE - 17/07/2024 - 28/07/2024

The Department of Civil Engineering at SSIPMT, Raipur, in collaboration with Sai Design and Software Solutions, conducted an AutoCAD Training program from 17th to 28th July 2024 in the Civil Department Computer Lab. The program offered hands-on training, equipping participants with essential skills for civil engineering professionals. Coordinated by Mr. Rajan Kumar Singh, the initiative underscored SSIPMT's dedication to fostering skill development and ensuring students' readiness for industry demands.

## NON TEACHERS TRAINING PROGRAM

DATE - 20/08/2024

The Civil Engineering Department at SSIPMT Raipur successfully organized a comprehensive 3-day Non-Teachers' Training Program (NTTP) from August 20–22, 2024. Specifically tailored for technical and administrative staff, the offline program featured engaging expert sessions focusing on stress management, behavioral excellence, and personality development, emphasizing holistic growth, effective communication, and professional skill enhancement for workplace success.

**Chief Patron**  
Mr. Nishant Tripathi  
Chairman (B.G.), SSIPMT Raipur

**Patron**  
Prof. (Dr.) Alok Jain  
Principal, SSIPMT Raipur

**Programme Coordinator**  
Mr. Shivraj Manas  
Assistant Professor SSIPMT, Raipur

**Programme Co-Coordinator**  
Mr. Rajan Kumar Singh  
Assistant Professor SSIPMT, Raipur

**Mode: OFFLINE**

**COMPUTER LAB**  
CIVIL DEPARTMENT 2ND FLOOR ACADEMIC BLOCK

**DATE - 20/08/2024 TO 22/08/2024**

**11:00 AM Onwards**

**CONTACT US**  
MR. RAJAN KUMAR SINGH +91 973443707  
MR. SHIVRAJ MANAS +91 932420589

## NATIONAL ENGINEER'S DAY

DATE - 17/09/2024

The Department of Civil Engineering at SSIPMT Raipur proudly organized an event to celebrate Engineer's Day on 17th September. The program, held at the Computer Lab in the Department of Civil Engineering, commenced at 1:00 PM. The event featured a keynote address by Dr. Alok Kumar Jain, Principal, SSIPMT Raipur, who shared valuable insights and highlighted the significance of engineers in nation-building.

**DEPARTMENT OF CIVIL ENGINEERING**  
welcomes you to celebrate

**ENGINEER'S DAY**

**Date - 17th September**  
**Venue - Computer Lab,**

## WORKSHOP ON TECHNICAL & LIFE SKILL MANAGEMENT

DATE - 18/11/2024

**Workshop on "TECHNICAL AND LIFE SKILL MANAGEMENT"**

**ORGANIZED BY**  
DEPARTMENT OF CIVIL ENGINEERING

**SSIPMT Raipur**  
Shri Shankaracharya Institute of Professional Management and Technology, Raipur

**Time: 1:00 PM Onwards**  
**18th November 2024 to 22nd November 2024**

**VENUE - CIVIL COMPUTER LAB, 2ND FLOOR ACADEMIC BLDG.**

**Mr. Nishant Tripathi**  
Chairman (B.G.), SSIPMT Raipur

**PATRON:**  
Prof. (Dr.) Alok Jain  
Principal, SSIPMT Raipur

**PROGRAMME COORDINATOR:**  
Mr. Prashant Kumar Choudhary  
Assistant Professor, SSIPMT, Raipur

**ABOUT THE INSTITUTE**  
SSIPMT is dedicated to shaping skilled engineers and capable managers, equipping them with the knowledge and expertise needed to thrive in today's competitive global market. By emphasizing innovation, transformation, and bold methodologies, SSIPMT challenges traditional practices. Since its inception in the newly formed state of Chhattisgarh, SSIPMT has worked tirelessly to foster excellence through education, research, and training. This collaborative effort among the management, staff, parents, and students has propelled the institution to become a leading center for technical and management education in the region.

**CONTACT US**  
Mr. Prashant Kumar Choudhary  
Assistant Professor  
Mobile No. 982211188

**Mr. Pragyaa Patel**  
Assistant Professor  
DEPARTMENT OF CIVIL ENGINEERING

**DR. TARUN KUMAR RAJAK**  
ASSISTANT PROFESSOR & HEAD  
DEPARTMENT OF CIVIL ENGINEERING

**MR. AMIRAZ WAHANE**  
ASSISTANT PROFESSOR  
DEPARTMENT OF CIVIL ENGINEERING

**MR. RAJAN KUMAR SINGH**  
ASSISTANT PROFESSOR  
DEPARTMENT OF CIVIL ENGINEERING

**MS. SARBITA GRANTHORA**  
ASSISTANT PROFESSOR  
DEPARTMENT OF CIVIL ENGINEERING

**TARGET PARTICIPANTS**  
All the U.G. Students, Faculty /Academics/In-charge Research Scholar/ Industrialist

**REGISTRATION LINK**  
<https://forms.gle/4M5L3m9h5U8B7Z6t>

**NO REGISTRATION FEES**

The Department of Civil Engineering at Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT), Raipur, successfully organized a highly engaging Design and Drafting Competition on 2nd December 2024. The event witnessed enthusiastic participation, with participants showcasing their technical expertise and creativity by utilizing various CAD software. The competition was conducted in the state-of-the-art Computer Lab on the 2nd Floor of the Academic Building, and participants were allowed to bring their own laptops, ensuring convenience. The event was meticulously coordinated by Mr. Rajan Kumar Singh, Assistant Professor, ensuring smooth execution, active engagement, and an enriching experience for all participants involved.



# DEPARTMENTAL ACTIVITIES



## DESIGN & DRAFTING COMPETITION

DATE - 02/12/2024

The Department of Civil Engineering at Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT), Raipur, successfully organized a Design and Drafting Competition on 2nd December 2024. Held in the Computer Lab on the 2nd Floor of the Academic Building, the event saw enthusiastic participation as students showcased their skills using various CAD software, with the flexibility to bring their own laptops. Coordinated by Mr. Rajan Kumar Singh, Assistant Professor, the competition was executed seamlessly, fostering active engagement and highlighting the technical proficiency of the participants.

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR  
P.O. Old Raipur Road, Raipur, C.G. 492015

DEPARTMENT OF CIVIL ENGINEERING PRESENTS  
**DESIGN AND DRAFTING COMPETITION**

**RULES:**  
1) YOU CAN USE ANY CAD SOFTWARE FOR DESIGNING THE GIVEN TASK.  
2) MAXIMUM TIME FOR COMPLETING THE TASK IS 3 HOURS.  
3) PARTICIPANTS ARE ALLOWED TO BRING THEIR LAPTOP FOR THE COMPETITION.

**2 DECEMBER 2024**  
**10:00 AM ONWARDS**

COMPUTER LAB, 2ND FLOOR ACADEMIC BUILDING, SSIPMT

**COORDINATORS**  
**MR. RAJAN KUMAR SINGH**  
ASSISTANT PROFESSOR  
MO. NO. 9713445707

SSIPMT Raipur | SSIPMT Raipur | SSIPMT Raipur | SSIPMT Raipur

## FIVE DAYS FACULTY DEVELOPMENT PROGRAM

DATE - 9/12/2024 - 13/12/2024

The Civil Engineering Department at SSIPMT Raipur organized a 5-day Faculty Development Program (FDP) on "Research Trends and Advances in Civil Engineering" from December 9–13, 2024. This hybrid event enhanced research and teaching skills, encouraged innovation, and offered networking opportunities. Participants with 80% attendance received certificates of completion.

Faculty Development Program on Trends and Advances of Thrust research in Civil Engineering is to update academic, research, and professionals with the requirements and innovations in Civil Engineering.

Get an overview of the latest in trends and technologies in engineering.  
Get faculty members with the edge and skills required to meet these emerging trends in teaching and research.  
Interdisciplinary collaboration between educators, researchers, and industry leads to more innovative thinking and problem-solving abilities among participants.

Get updated with the latest trends and technologies in engineering.  
Get networking opportunities with peers, and industry professionals.  
Get research opportunities and collaborations.

**Chief Patrons**  
Shri. Nishant Tripathi  
Chairman, I.C.O., SSIPMT Raipur

**Patrons**  
Dr. Alok Kumar Jain  
Principal, SSIPMT Raipur

**HEAD OF DEPARTMENT**  
Dr. Tarun Kumar Rajak  
Head, Civil Engg. Dept., SSIPMT Raipur

**Programme Coordinator**  
Mr. Anurag Wahane  
Asst. Professor, Civil Engg. Dept., SSIPMT Raipur

**REGISTRATION**  
Registration Fee: Nil  
Last Date of Registration: 07/12/2024  
Registration Link: <https://forms.gle/1111111111111111>  
This program will be conducted in Hybrid mode. The Google Meet link will be shared after confirmation through mail for online attendees.

**CERTIFICATE OF PARTICIPATION**  
The certificate will be issued to the participants who attend 80% attendance.

**Organized by**  
DEPARTMENT OF CIVIL ENGINEERING  
Shri Shankaracharya Institute of Professional Management & Technology, Raipur

**VENUE:** Second Floor, Academic Block, Civil Computer Lab  
**Date:** 09/12/2024 to 13/12/2024  
**TIME:** 10:00 AM - 2:00 PM  
**(HYBRID MODE)**  
**Contact Details**  
Mr. Anurag Wahane - 8891317550

# ACTIVITIES BY IGS

## RESEARCH PAPER WRITING

DATE - 23/09/2024

The Civil Engineering Department and IGS Student Chapter at SSIPMT Raipur organized a Seminar on Research Paper Writing Skills on September 23, 2024, in CSF-23. The session, led by Mr. Anant Kumar, aimed at enhancing the research writing abilities of students and professionals. With a focus on effective research paper composition, it provided valuable insights into academic writing techniques. The event was coordinated by Ms. Sarika Ghamforia and attracted enthusiastic participation from students, fostering a deeper understanding of the nuances of scholarly research writing.

Department of Civil Engineering & IGS Student Chapter, SSIPMT RAIPUR

Presents A Seminar on Research Paper Writing Skill

**Speaker**  
**Mr. Anant Kumar**  
Assistant Professor  
SSIPMT, Raipur

**Venue:** Digital Classroom [CSF-23], 2nd Floor, Academic Building,  
**Time:** 10:00 AM Onwards  
**Date:** 23 September 2024

## SEMINAR ON CAREER GUIDANCE

DATE - 6/11/2024

On November 6, 2024, the Department of Civil Engineering, in collaboration with the IGS Student Chapter, organized a seminar on Career Guidance in Competitive Exams. Led by Mr. Pankaj Kumar Chand, the session offered students valuable insights on excelling in competitive exams and effectively planning their careers. The seminar aimed to equip participants with essential strategies for success in competitive exams, ensuring they are well-prepared for future challenges. SSIPMT continues to support and empower its students for academic and professional success.

DEPARTMENT OF CIVIL ENGINEERING IN ASSOCIATION WITH IGS STUDENT CHAPTER SSIPMT PRESENTS SEMINAR ON

**CAREER GUIDANCE IN COMPETITIVE EXAM**

**DATE:** 06.11.2024  
**TIME:** 10:00am onwards

**Faculty Coordinator**  
Mr. Anant Kumar (Assistant Professor)

**Speaker - Mr. Pankaj Kumar Chand**

**VENUE:** COMPUTER LAB, 2ND FLOOR, ACADEMIC BLOCK

## 3 DAYS TEACHERS TRAINING PROGRAM

DATE - 26/12/2023 - 28/12/2023

The Department of Civil Engineering and IGS Student Chapter at SSIPMT, Raipur, organized a Three-Day Teachers' Training Program from December 26-28, 2023. The event, conducted in a hybrid mode, aimed to equip faculty from AICTE-approved institutions with cutting-edge knowledge in geotechnical engineering. Esteemed speakers, including Dr. Tarun Kumar Rajak, Mr. Pankaj Kumar Chand, and Mr. Divyarth Manas, shared their expertise and insights on advanced topics. The program was highly engaging and well-received, showcasing SSIPMT's ongoing commitment to academic and professional excellence, fostering knowledge exchange and collaboration among educators.

**THREE DAY'S TEACHERS TRAINING PROGRAM**

on  
Innovations in Geotechnical  
Engineering  
Organized by  
Department of Civil Engineering &  
IGS Student Chapter, SSIPMT

**DATE** 26-12-2023 TO 28-12-2023  
**TIME** 01:00 PM TO 03:00 PM

**TARGET AUDIENCE**  
Faculties from AICTE approved technical  
institutions across the country. There is no  
registration fees.

Venue : Computer Lab, 2nd Floor, Academic  
Building, SSIPMT, Raipur

**Faculty Coordinator**  
Mr. Anant Kumar, Assistant Professor  
Department of Civil Engineering  
SSIPMT, Raipur  
Mo. No. 9753157669, 7999712023

**MODE**  
Hybrid

**GUEST SPEAKERS**

- Dr. Tarun Kumar Rajak  
Assistant Professor & Head  
Department of Civil Engineering  
SSIPMT, Raipur
- Mr. Pankaj Kumar Chand  
Assistant Professor  
Department of Civil Engineering  
SSIPMT, Raipur
- Mr. Divyarth Manas  
Assistant Professor  
Department of Civil Engineering  
SSIPMT, Raipur

## ACTIVITIES BY ACE



### RAAS GARBA 4.0

DATE - 7/10/2024

The Association of Civil Engineering and IGS Student Chapter at SSIPMT, Raipur, successfully organized Raas Garba 4.0 on 7th October at the Central Stage, Academic Block, SSIPMT Raipur. The event was a vibrant and colorful celebration of culture, music, and dance, uniting students, faculty, and staff to embrace the joyous festive spirit of Navratri. The evening was filled with energy, enthusiasm, and traditional fervor, as participants donned stunning attire and showcased their dancing talents. We extend our heartfelt gratitude to everyone who participated, contributed, and supported in making this memorable event a grand success.

SHRI SHANKARACHARYA INSTITUTE OF  
PROFESSIONAL MANAGEMENT AND  
TECHNOLOGY RAIPUR (C.G.)

**RAAS GARBA 4.0**

WE ARE ALL SET TO HOST YOU AT RAAS GARBA 4.0. GET READY  
AND EXCITED FOR THE MUCH AWAITED FESTIVE-CULTURAL EVENT.

7TH  
OCTOBER

CENTRAL STAGE, ACADEMIC  
BLOCK, SSIPMT RAIPUR

## TECHNICAL SESSION FOR COMPETITIVE EXAMS

DATE - 25/11/2024

The Department of Civil Engineering, in collaboration with the Association of Civil Engineering at SSIPMT, Raipur, conducted a Technical Session on Problem-Solving Skills for Competitive Exams on November 25, 2024. Organized under the guidance of Mr. Divyarth Manas, Assistant Professor, the session focused on enhancing students' analytical and technical problem-solving abilities, which are critical for excelling in competitive exams. This initiative highlighted SSIPMT's unwavering commitment to equipping students with the necessary skills and knowledge for achieving professional success.

Department of Civil Engineering  
&  
Association of Civil Engineering  
PRESENTS

TECHNICAL SESSION ON PROBLEM SOLVING SKILLS FOR  
COMPETITIVE EXAMS.

Date:- 25-11-24  
Venue - Computer Lab, 2nd Floor,  
Academic Block

FACULTY COORDINATOR - MR. DIVYARTH MANAS  
ASSISTANT PROFESSOR

### DEBATE COMPETITION

DATE - 26/11/2024

On November 26, 2024, the Department of Civil Engineering, in collaboration with the Association of Civil Engineering, successfully organized a Debate Competition. The event featured themes such as Sustainable Development, Artificial Intelligence, Current Affairs, and Climate Change. Coordinated by Mr. Anant Kumar, the competition provided a platform for students to demonstrate their critical thinking and public speaking abilities. It fostered insightful discussions on pressing global issues, encouraging participants to engage with contemporary challenges and strengthening their communication and analytical skills.

DEPARTMENT OF CIVIL ENGINEERING  
In Association With  
ASSOCIATION OF CIVIL ENGINEERING

Presents

**DEBATE COMPETITION**

**THEME:**  
SUSTAINABLE DEVELOPMENT  
ARTIFICIAL INTELLIGENCE  
CURRENT AFFAIR  
CLIMATE CHANGE

26TH NOVEMBER 2024  
1 PM ONWARDS

Harness the power of speech.



# COLLABORATIVE ACTIVITIES



## IIC SCHOOL VISIT

DATE - 21/08/2024

The Institution's Innovation Council (IIC) and the Department of Civil Engineering,SSIPMT, Raipur, organized an Innovation & Entrepreneurship Outreach Program on August 21, 2024, at Lakshya Academy, Mandir Hasaud. Eminent speakers, Mr. Kishore Nirmalkar (Director, Lakshya Academy) and Mr. Rajan Kumar Singh (Assistant Professor, SSIPMT), shared valuable insights on entrepreneurship, innovation, and industry trends. Expertly coordinated by Mr. Rajan Kumar Singh and Ms. Pragya Patel, the event successfully emphasized SSIPMT's unwavering dedication to professional growth, industry collaboration, and fostering innovative mindsets.

## IIC MODEL MAKING

DATE - 20/09/2024

The Department of Civil Engineering, in collaboration with the Institution's Innovation Council, successfully hosted the Working Model Making Competition (Software and Hardware Category) on 20th September 2024. This engaging event, conducted in the Computer Lab, Academic Block, and Civil Project Lab, served as an excellent platform for students to demonstrate their innovative ideas and practical expertise. The competition commenced at 1:00 PM and witnessed enthusiastic participation from aspiring engineers.

## IIC ENTERPRENUERSHIP

DATE - 18/11/2024

The Institution's Innovation Council, in collaboration with the Department of Civil Engineering, SSIPMT Raipur, organized an enlightening session on 18th November 2024 at CSF 23, Computer Lab. The event featured insightful talks by Mr. Aman Dongre and Ms. Pratiksha Yadu, both representing CAD Abstract, who shared their expertise and experiences. Coordinated by Ms. Pragya Patel, Assistant Professor, the session offered students valuable perspectives on entrepreneurship and innovation, emphasizing their significance as pathways to building successful and fulfilling careers.

## SEMINAR ON NATIONAL POLLUTION CONTROL DAY

DATE - 12/12/2024

The Institution's Innovation Council, in collaboration with the Department of Civil Engineering, SSIPMT, Raipur, enthusiastically celebrated National Pollution Control Day on 12th December 2024. Themed "Clean Air, Green Earth: A Step Towards Sustainable Living", the thoughtfully organized event highlighted the critical importance of adopting sustainable practices for ensuring a healthier and better environment.

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

Institution's Innovation Council in association with Department of Civil Engineering SSIPMT, Raipur

Presents Innovation & Entrepreneurship Outreach Program

Date: 21/08/2024  
Venue: Lakshya Academy Mandir Hasaud

Speaker: Mr. Kishore Nirmalkar, Director Lakshya Academy

Speaker: Mr. Rajan Kumar Singh, Assistant Professor

Coordinator: Mr. Rajan Kumar Singh, Assistant Professor, Ms. Pragya Patel, Assistant Professor

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

DEPARTMENT OF CIVIL ENGINEERING in Association With Institution's Innovation Council

Presents Working Model Making Competition SOFTWARE AND HARDWARE CATEGERY

Date : 20th SEPTEMBER 2024

Venue: Computer Lab, Academic Block & Civil Project Lab  
Time: 1:00 Pm Onwards

FACULTY COORDINATOR: Mr. Divyarth Manas, Assistant Professor, Civil Engg Dept., SSIPMT RAIPUR, Mob. No. - 9470631238

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

Institution's Innovation Council in association with Department of Civil Engineering SSIPMT, Raipur

Presents Entrepreneurship and Innovation as Career Opportunity

Date: 18/11/2024  
Venue: CSF 23, Computer Lab  
Time: 1PM

Speaker: Mr. Aman Dongre, CAD Abstract

Speaker: Ms. Pratiksha Yadu, CAD Abstract

Coordinator: Ms. Pragya Patel, Assistant Professor

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR

INSTITUTION'S INNOVATION COUNCIL IN ASSOCIATION WITH DEPARTMENT OF CIVIL ENGINEERING CELEBRATING NATIONAL POLLUTION CONTROL DAY

THEME : "CLEAN AIR, GREEN EARTH: A STEP TOWARDS SUSTAINABLE LIVING."  
12TH DECEMBER 2024

Speaker: Dr. ALOK KUMAR JAIN, PRINCIPAL, SSIPMT, RAIPUR

Venue: Computer Lab, Academic Block  
Time : 1:00 PM Onwards

FACULTY COORDINATOR - Mr. ANURAG WAHANE, ASSISTANT PROFESSOR, CIVIL ENGG. DEPARTMENT, SSIPMT, RAIPUR

# PLACEMENTS (B.TECH)



S.NO.	NAME OF STUDENT	BATCH	COMPANY	PACKAGE LPA
1	Kanha Dewangan	2020-24	Elevation	5.6
2	Aditya Singh	2020-24	Jaiprakash Associates Ltd.	5
3	Atul Soni	2020-24	Avinash Group	3.5
4	Harsh Sahu	2020-24	Avinash Group	3.5
5	Raunak Prakash	2020-24	Avinash Group	3.5
6	Twinkle Sharma	2020-24	Avinash Group	3.5
7	Saumya Verma	2020-24	Avinash Group	3.5
8	Anchit Deb Mishra	2020-24	Avinash Group	3.5
9	Arvind Deb Mishra	2020-24	Avinash Group	3.5
10	Aryansh Chopkar	2020-24	RS Infra	2.5
11	Kuldeep Suthar	2020-24	RS Infra	2.5
12	Shivani Gupta	2020-24	Avinash Group	3.5
13	Ayush Soni	2020-24	Sharda Construction	2.4
14	Fiiza Khan	2020-24	Swami Construction	2
15	Somprabha Solanke	2020-24	Swami Construction	2
16	Ayush Soni	2020-24	ACC	2.7
17	Balraj verma	2020-24	ACC	2.7
18	Danesh Sinha	2020-24	ACC	2.7
19	Harsh Kumar Sahu	2020-24	ACC	2.7
20	Aman Dongre	2020-24	CAD Academy	-
21	Bhuneshwar Sahu	2020-24	Excel Road Furniture	-
22	Kunika Katariya	2020-24	Astha Construction	-
23	Manish Deshlahre	2020-24	Naman Enterprises	-

# PLACEMENTS (M.TECH)

S.NO.	NAME OF STUDENT	BATCH	COMPANY	PACKAGE LPA
1	Akash Sen	2022-2024	Pie-Infotech	8.5
2	Utkarsh Sharma	2022-2024	Pie-Infotech	8.5

# HIGHER STUDIES



**AMAN DONGRE**  
(BATCH- 2020-2024)  
M.tech Structural Engineering,  
NIT, RAIPUR.



**DEVESH SAHU**  
(BATCH- 2019-2023)  
M.tech Structural Engineering,  
NIT, RAIPUR.

# INTERNSHIPS

S.NO.	NAME OF STUDENT	BATCH	SEMESTER	COMPANY
1	Aaryansh Dwivedi	2022-2026	5th	SAI Design and Software Solutions
2	Abhay Kumar Prajapati	2022-2026	5th	SAI Design and Software Solutions
3	Avantika Saha	2022-2026	5th	SAI Design and Software Solutions
4	Astha Tiwari	2022-2026	5th	SAI Design and Software Solutions
5	Chanchal Sahu	2022-2026	5th	SAI Design and Software Solutions
6	Brajesh Kumar	2022-2026	5th	SAI Design and Software Solutions
7	Jay Dabhi	2022-2026	5th	SAI Design and Software Solutions
8	Hardeck Dewangan	2022-2026	5th	SAI Design and Software Solutions
9	Naman Jain	2022-2026	5th	SAI Design and Software Solutions
10	Manas Choubey	2022-2026	5th	SAI Design and Software Solutions
11	Raman Sahu	2022-2026	5th	SAI Design and Software Solutions
12	Siya Sahu	2022-2026	5th	SAI Design and Software Solutions
13	Prakash Sahu	2022-2026	5th	SAI Design and Software Solutions
14	Smriti Jaiswal	2022-2026	5th	SAI Design and Software Solutions
15	Pradyuman Shukla	2022-2026	5th	SAI Design and Software Solutions
16	Ayush Prasad Gupta	2022-2026	5th	Ragee Designs and Consultants
17	Sarabjot Singh Chhabra	2022-2026	5th	Ragee Designs and Consultants
18	Durgesh Kumar Taram	2022-2026	5th	Ragee Designs and Consultants
19	Shubham Kumar Mandal	2022-2026	5th	Ragee Designs and Consultants
20	Mayank Verma	2022-2026	5th	Ragee Designs and Consultants
21	Abhinandan Sinha	2022-2026	5th	Ragee Designs and Consultants
22	Muskan Banjare	2022-2026	5th	CAD-Brain
23	Palak Bakhtani	2022-2026	5th	CAD-Brain
24	Tanay Sahu	2022-2026	5th	CAD-Brain
25	Adarsh Tiwari	2022-2026	5th	Municipal Corporation Chirmiri

# INTERNSHIPS



S.NO.	NAME OF STUDENT	BATCH	SEMESTER	COMPANY
1	Aditya Farendra	2021-2025	7th	SAI Design and Software Solutions
2	Aditya Nirmalkar	2021-2025	7th	SAI Design and Software Solutions
3	Chhayank Yadav	2021-2025	7th	SAI Design and Software Solutions
4	Ajay Yadav	2021-2025	7th	SAI Design and Software Solutions
5	Soham Sahu	2021-2025	7th	SAI Design and Software Solutions
6	Shrijan Chandrakar	2021-2025	7th	SAI Design and Software Solutions
7	Shayen Kumar Manwar	2021-2025	7th	SAI Design and Software Solutions
8	Amish Bagde	2021-2025	7th	SAI Design and Software Solutions
9	Bhupati Gorai	2021-2025	7th	SAI Design and Software Solutions
10	Ayush Soni	2021-2025	7th	SAI Design and Software Solutions
11	Ayush Soni	2021-2025	7th	SAI Design and Software Solutions
12	Devika Dewangan	2021-2025	7th	SAI Design and Software Solutions
13	Devendra Sahu	2021-2025	7th	SAI Design and Software Solutions
14	Dhawal Sahu	2021-2025	7th	SAI Design and Software Solutions
15	Dhawal Patel	2021-2025	7th	SAI Design and Software Solutions
16	Disha Sahu	2021-2025	7th	SAI Design and Software Solutions
17	Dibin Dinesan	2021-2025	7th	SAI Design and Software Solutions
18	Jay S Varsani	2021-2025	7th	SAI Design and Software Solutions
19	Divyanshi Sahu	2021-2025	7th	SAI Design and Software Solutions
20	Kunal Chandrakar	2021-2025	7th	SAI Design and Software Solutions
21	Kapish Sinha	2021-2025	7th	SAI Design and Software Solutions
22	Mohammad Mohsin	2021-2025	7th	SAI Design and Software Solutions
23	Meenakshi Vishwakarma	2021-2025	7th	SAI Design and Software Solutions
24	Pranjal Chaturvedi	2021-2025	7th	SAI Design and Software Solutions
25	Prashant Kumar	2021-2025	7th	SAI Design and Software Solutions
26	Priyanshu Ray	2021-2025	7th	SAI Design and Software Solutions
27	Rupesh Kumar Sahu	2021-2025	7th	SAI Design and Software Solutions
28	Sahil Kumar Ratre	2021-2025	7th	SAI Design and Software Solutions
29	Sanjivani Jain	2021-2025	7th	SAI Design and Software Solutions
30	Shashank Sahu	2021-2025	7th	SAI Design and Software Solutions
31	Sheikh Pintu Ali	2021-2025	7th	SAI Design and Software Solutions
32	Shreya Gilhare	2021-2025	7th	SAI Design and Software Solutions
33	Shreya Singh	2021-2025	7th	SAI Design and Software Solutions
34	Shubham Rathore	2021-2025	7th	SAI Design and Software Solutions
35	Simon Bhatpahari	2021-2025	7th	SAI Design and Software Solutions
36	Tanu Singh	2021-2025	7th	SAI Design and Software Solutions
37	Vedant Chopra	2021-2025	7th	SAI Design and Software Solutions



## FACULTY PATENTS

S.No.	Name of Applicant	Title of Work	Type of Patent	Registered Date	Status
1	Mr. Divyarth Manas	Construction and Demolition Waste Recycling Device	DESIGN	13/12/2024	Registered
2	Mr. Anant Kumar	Solar Powered Sieve Shaker Machine for Enhanced Material Characterization	UTILITY	06/12/2024	Published
3	Mr. Anurag Wahane	Algebraic Graph Analyzer	DESIGN	19/09/2024	Registered

## FACULTY COPYRIGHTS

S.No.	Name of Applicant	Title of Work	Class And Description of work	Registration Number	Registered Date
1	Dr. Tarun Kumar Rajak	Stabilization of Soft Soil using Industrial By-Product	Literary/ Dramatic Work	L-157638/2024	02/12/2024
2	Mr. Divyarth Manas	Partial Replacement of Fine Aggregate with C&D Waste in Concrete	Literary/ Dramatic Work	L-156856/2024	19/11/2024
3	Mr. Anant Kumar	Sustainable Rice Husk Blended Wall Panels	Literary/ Dramatic Work	L-153316/2024	09/09/2024

# CONFERENCES ATTENDED ( STUDENTS UG )



SR.NO	Name of the Author/s	Title of Paper	Name of journal/CONFERENCE
1	Sanjivani Jain, Dhawal Patel, Priyanshu Ray	Integration of Iron Ore and Fly Ash for Stabilization of Soft Soil	ICRAMERD 2024
2	Meenakshi Vishwakarma, Dhawal Sahu, Amish Bagde	Mechanical Properties of Concrete Having Rice Husk Ash as Substitute of Cement	ICRAMERD 2024
3	Shayen Kumar Manwar, Kunal Chandrakar, Pranjali Chaturvedi	Mechanical Properties of Concrete made by Partially Replacing Fine Aggregate with Polyester Fibres	NPDSM 2024
4	Shrijan Chandrakar, Shashank Sahu, Divyanshi Sahu	Development of Sustainable Concrete Using Ceramic Waste and Industrial Waste	ICRAMERD 2024
5	Tanu Singh, Vedant Chopra, Ayush Soni	Analysis of G+6 Flat in Zone 4 by using ETABS Software	ICRAMERD 2024
6	Simon Bhatpahari, Sahil Kumar Ratre, Disha Sahu	To Investigate the Mechanical Characteristics of Geopolymer Concrete using Fly-ash and Slag	ICRAMERD 2024
7	Rupesh Kumar Sahu, Devika Dewangan, Aditya Nirmalkar	Stabilization of Black Cotton Soil Using Fly Ash and Lime	ICRAMERD 2024
8	Chhayank Yadav, Ajay Yadav	Integration of Additives for Stabilization of Flyash Based Soil in Subgrade	ICRAMERD 2024
9	Roshan Pal, Devendra Sahu, Shubham Rathore	Experimental Investigation of Plastic Material as Partial Replacement of Cement in Concrete.	ICRAMERD 2024
10	Prashant Kumar, Sheikh Pintu Ali, Jay S varsani	Assessment of Mechanical Properties of Sustainable Concrete using Waste Tyre	ICRAMERD 2024
11	Mohammad Mohsin, Shreya Singh, Kapish Sinha	Study of Concrete made by Partial Replacement of Fine Aggregate with Quarry dust	COPYRIGHT
12	Chandrakumar Sahu, Aditya Farendra	Impact of Mechanical Property of Concrete having Waste Marble as Sustainable Material	ICRAMERD 2024
13	Ayush Soni, Dibin Dinesan, Soham Sahu	Extended analysis of G+7 Lodging Hotel in Zone II using ETABS software	COPYRIGHT
14	Bhupati Gorai, Shreya Gilhare, Ashwin J Nair	Comparative study of fly ash concrete, silicon magnesium slag concrete, and normal concrete	ICRAMERD 2024



# INDUSTRIAL & SITE VISITS



## FIELD VISIT TO WATER TREATMENT PLANT

The Institution's Innovation Council, in collaboration with the Civil Engineering Department atSSIPMT, Raipur, organized a field visit to the Ravanbhata Water Treatment Plant on November 25, 2024. Aligned with the UN SDGs on clean water and sanitation, the visit provided civil engineering students practical insights into water treatment, sustainability, and infrastructure management. Guided by Mr. Anant Kumar and Dr. Tarun Kumar Rajak, students explored advanced filtration, wastewater management, and purification technologies, bridging theoretical knowledge with real-world applications. This initiative underscores SSIPMT's commitment to experiential learning and industry readiness.



## FIELD VISIT TO KALYAN TOLL INFRA



The Civil Engineering Department at SSIPMT, Raipur, organized a field visit to Kalyan Toll Infra on November 14, 2024, at the GPRA CPWD Residential Project in Naya Raipur. Guided by Mr. Rajan Kumar Singh, students gained valuable exposure to large-scale infrastructure development, construction methodologies, project planning, and quality control measures.

The visit provided insights into modern engineering practices and sustainability considerations, enhancing students' understanding of real-world projects. This initiative highlights SSIPMT's commitment to bridging academic learning with practical industry exposure, preparing students for successful careers in civil engineering.



## INDUSTRIAL VISIT TO NAYA RAIPUR CONSTRUCTION SITE

The Civil Engineering Department at SSIPMT, Raipur, organized a construction site visit to Naya Raipur on September 9, 2024. Under the guidance of Mr. Divyarth Manas, students explored key aspects of foundation work, reinforcement detailing, and project execution. The visit provided an opportunity to gain practical knowledge and firsthand experience of modern construction techniques and site management practices. This initiative bridged the gap between theoretical learning and real-world applications, enabling students to understand the intricacies of civil engineering projects. Such experiential learning activities are essential in fostering professional competency and preparing students for the dynamic challenges of the construction and infrastructure sectors.





# CREATIVE TEAM'S MESSAGE



**DIVYANSHI SAHU**  
B.TECH STUDENT CIVIL,  
SSIPMT RAIPUR.



**ROHAN TIWARI**  
B.TECH STUDENT CIVIL,  
SSIPMT RAIPUR.

The spirit of creativity inspires growth, unlocking innovative pathways to reimagine and reshape the ordinary. It fosters meaningful collaborations and drives connections between diverse perspectives, enriching minds and nurturing talents. Creativity continues to be a cornerstone of empowerment, instilling courage and adaptability to embrace challenges with vigor.

Our heartfelt gratitude goes to Dr. Tarun Kumar Rajak, our esteemed Head Of Department, and the remarkable faculty members. Their unwavering guidance and encouragement have allowed us the privilege to conceptualize and present the magnificent "NEWSLETTER VOLUME 4 ISSUE 2."





# MESSAGE FROM EDITORIAL BOARD



**DIVYARTH MANAS**  
ASSISTANT PROFESSOR  
CIVIL, SSIPMT RAIPUR

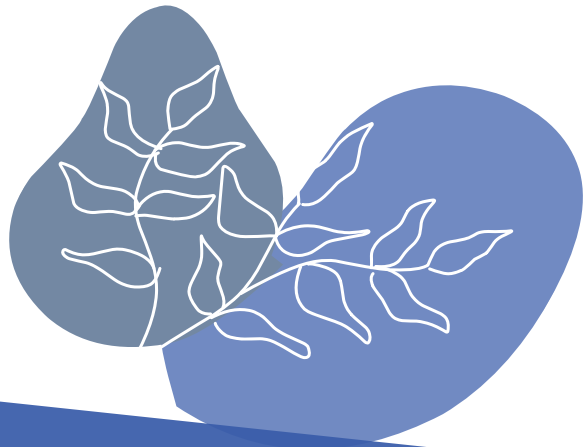


As editor of the Civil department newsletter, I wish to express my gratitude to all those who contributed to the success of this endeavor. This edition serves to showcase the various events, activities, and accomplishments within our department. My aim has been to encapsulate all noteworthy developments in a succinct and informative manner, providing readers with a comprehensive overview of recent happenings

I anticipate that "THIRDEYE" will inspire a multitude of students to step forward and showcase their talents and creativity.

In order to keep the readers widely interested and updated we will off-course continue the tradition of communicating the significant events and activities of Civil department.

I would also like to thank Dr. Tarun Kumar Rajak (HOD, Civil) for continuous motivation, input and timely drafting of " THIRDEYE ".



**NEWSLETTER VOLUME 4 ISSUE 2**

