THIRD - EYE

NEWSLETTER VOLUME 1 ISSUE 2 SESSION: JULY - DEC 2021

NEWSLETTER

SSIP

DEPARTMENT OF CIVIL ENGINEERING

SHRI SHANKARACHARYA INSTITUTE OF PROFESSIONAL MANAGEMENT & TECHNOLOGY, RAIPUR



THIRD-EYE

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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 costly affordable. and less environment friendly and more safer. Lot of research activities are going on in the form of low cost housing, green buildings, constructions which withstand severe weather and natural can 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.





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 broudly 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.





Dr. TARUN KUMAR RAJAK (HOD Civil, SSIPMT, Raipur)

I am very happy that our Civil Engineering Department is releasing the Volume 1, 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 effort to make this news letter as a reality. Also I invite the readers of 'Newsletter' for their contribution and suggestions.

"Never stop fighting 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 the great life"- A. P. J. Abdul Kalam



INSTITUTE VISION & MISSION

VISION based

"To be a premier technical institute in the country that imparts innovation driven education to nurture valuecompetent future professionals."

The institute will focus on producing competent future professionals by:

- Partnering and collaborating with industry and government in producing new 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 VISION & MISSION

VISION

"To be a pioneer in the field of Civil and Engineering contribute national it constructively towards regional and development."

• To create and sustain an academic environment that will equip students with value based engineering knowledge and broad set of skills.

• To mold the students with inquisitive attitude that will enable them to apply innovative and ethical thinking.

To develop competent professionals and entrepreneurs <u>to take responsibilities</u> and challenges for betterment of society.



Activities & Events-

•ACE

Workshop1

Association of Civil Engineering has organized a workshop on "Software Training on Structural Design" in association with Sai Design & Software Solution. The workshop was conducted on online mode from 22nd September to 28th September, 2021.



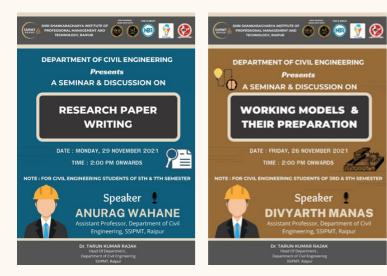
Workshop 2



ACE has conducted a workshop on "Housing for All" under PMAY(U) in the theme "Technology and Innovation" on 29th September, 2021. The Panelist were Dr. Laxmikant Yadu (Associate Professor in Civil Engineering, NIT), Dr. Alok Kumar Jain (Principal, SSIPMT) & Dr. Manoj Verma (Assistant Professor in Department of Energy & Env. Engg, CSVTU Bhilai). The workshop provides a platform for architecture, urban to learn students, about government frameworks for future applications & implementation of housing problem. It was a great opportunity for our student to learn about the self healing concrete and we are sure that it will also lead our student to a new horizon.



Seminar



ACE has also conducted seminars on "Research Paper Writing" on 29th November which was hosted by Anurag Wahane (Assistant Professor, Civil Department) and "Working models & their preparation" which was hosted by Mr. Divyarth Manas (Assistant Professor, Civil Department)

Event

Association of Civil Engineering has organized "THE RAAS GARBA" in alliance with SSIPMT Cultural Committee on 8th October, 2021. They have kept exciting cash prizes for the winners. This event was organized under the supervision of Mr. Toshan Singh Rathour & Ms. Barkha Verma and student coordinators were Sanskriti Mishra, Diwakar Sahu, Pranjali Shrivastav, Aditya Singh.

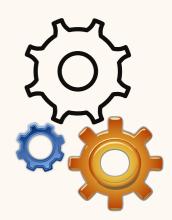


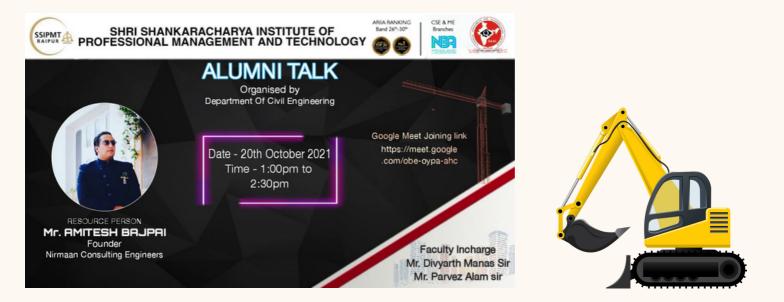




Alumini Meets & talks









Game of Brain



Association of Civil Engineering has organized a Quiz Competition named as CIVIL QUIZARD 2.0 on 24th October,2021 for students. Faculty Coordinator was Mr. Divyarth Manas (Assistant Professor, Department of Civil Engineering) and the student coordinators were Samarth Vaidya and Anchit Deb Mishra.

Game with technical mindset



Association of Civil Engineering has organized a fun and technical game named as CLUEMINATI on 11th October,2021 for 3rd year students. Faculty Coordinator was Mr. Toshan Singh Rathour and Mr. Parvej Alam & the student coordinators were Rupali Sahu and Rishu Agrawal.



Field Visit (Gangrel Dam)



Department of Civil Engineering has scheduled a Field Visit to Gangrel dam, Dhamtari (C.G.) on 9th November,2021. Field trips offer a unique opportunity for students to create connections, which will help students in gaining understanding and develop an enjoyment of learning.



•IGS STUDENT CHAPTER

Workshop1



IGS Student Chapter SSIPMT, Raipur has organized a workshop on "Geotech & Survey lab" on 23rd October, 2021. The workshop was conducted under the supervision of Ms. Barkha Verma and the student coordinators were Himanshu Agrawal & Vidhi Sharma.

Workshop 2



IGS Student Chapter has also conducted a webinar on 11th September, 2021 on the topic "Innovation in Geotechnical Engineering". Dr. Laxmikant Yadu (Hon. Secretary, IGS Raipur Chapter & Associate Professor, Department of Civil Engineering, NIT Raipur) was invited as chief guest and the webinar was hosted by Dr. Pankaj Bajaj [Assistant Professor (Contractual) Department of Civil Engineering, NIT Raipur].



Seminar



IGS Student Chapter, SSIPMT Raipur has organized a seminar on "National Pollution Control Day on 8th December, 2021. The Resource person (speaker) were Dr. Alok Kumar Jain (Principal, SSIPMT), Dr. Tarun Kumar Rajak (Head of Department, Civil Engineering), Mr. Divyarth Manas (Assistant Professor, Department of Civil Engineering) & Ms. Pooja Bhatia (Assistant Professor, Department of Civil Engineering)





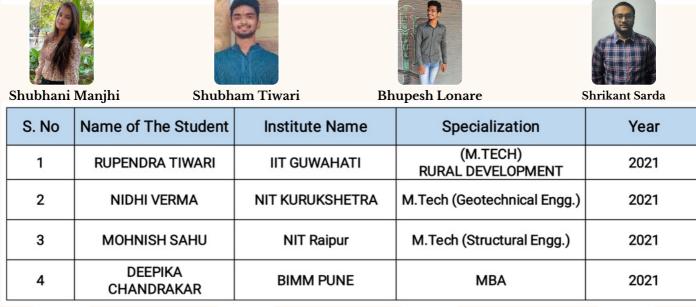
STUDENT'S ACHIEVEMENT

- Placement & Higher Studies
- Training & Internships
- Event Organized



•Placement & Higher Studies

S. No	Name of The Student	Company	Package (Lakhs per annum)	Drive Location SSTC SSIPMT Campus Drive online drive Virtual campus drive Virtual campus drive	
		Accenture	4.5 LPA	SSTC	
1	Shubhani Manjhi	Collabera Services Private Limited	2.53 LPA	SSIPMT Campus Drive	
2	Shubham Tiwari	Stratview Research	2.75 LPA	online drive	
3 Bhupesh lonare		BYJU'S	10 LPA	Virtual campus drive	
4	Shrikant sarda	Collabera Services Private Limited	2.53 LPA	Virtual campus drive	











Rupendra Tiwari

Nidhi Verma

Mohnish Sahu

Deepika Chandrakar



•Training & Internship

S.No.	Name Of The Company	Total
1	AUTODESK	1
2	B C kumar associates	1
3	B.I.O.M NMDC KIRANDUL COMPLEX	1
4	CAD Academy	1
5	CAD- Brain	1
6	PUBLIC WORK DEPARTMENT	59
7	CG Housing Board	17
8	John Holland Group	1
9	Hira Cement Urla Industrial complex	1
10	Innovative Engineers and Associates	1
11	Internshala	3
12	Larson & Tubro	1
13	M/S. S. Kumar's Associates	2
14	Chhattisgarh State power transmission company	2
15	Marshal Geo Test Laboratory	2
16	Mr. Yogesh soni Contractor	4
17	Municipal corporation raipur	9
18	Nagar nigam Raipur CG	2
19	PMAY	2
20	Raipur development authority	7
21	Sahu and Associates	1
22	Singhania Buildcon Raipur	1



• Training & Internship

VT / Internship Details	Count
5TH	55
2019-2023	55
VOCATIONAL TRAINING	55
GOVERNMENT	48
PRIVATE	7
7ТН	87
2018-2022	87
INTERNSHIP	19
GOVERNMENT	9
PRIVATE	10
VOCATIONAL TRAINING	68
GOVERNMENT	58
PRIVATE	10
Grand Total	142
Online Internship	5
Internshala-	3
SmartX	1
Expertshub	1





Student Publications

S.No	Student Name	Journal/Conference	Title of Paper	Year of Publication	
1	Md. Suhail, Deevesh Verma, Bhupesh Lonare, Sandeep Jaiswal	ICRISET-2021: 2nd International Conference on recent innovations in Science and Technology Bareilly, Bihar	Experimental study of Fly Ash and Quarry Dust on Rubberized Concrete	2021	
2	Swaraj Padamwar,Devendra kumar Sahu,Jivendra Dewangan	ICRISET-2021: 2nd International Conference on recent innovations in Science and Technology Bareilly, Bihar	Investigation and Validation of Structures with variation in location of increased length and discontinuation of Vertical element	2021	
3	Mayank Jain	International Journal of Trends in Research and Development	Experimental Study on Alkali Stabilised Fly Ash: A new Generation Geo- Material	2021	
4	Nikahat Parveen	IJRESM	Analytical and Numerical Investigation of Cold Formed Steel Beam and Optimization of Parameter by DOE and SAA	2021	



•Faculty Achievements

Dr. Tarun Kumar Rajak (HOD Civil, SSIPMT Raipur)





• Faculty Publications

Faculty Name – Mr. Toshan Singh Rathour



TITLE	Year	Detail of Publications
Evaluation of Geo polymer Concrete on Partial Replacement of Fine Aggregate by Crushed Stone Dust	2021	Design Engineering
Design and Performance Evaluation of Coffer Slab	2021	International Journal of All Research Education & Scientific Methods
Parametric Analysis and Design of Box Girder Under Different Radius of Curvature	2021	INTERNATIONAL JOURNAL OF TREND IN RESEARCH AND DEVELOPMENT
Numerical Analysis and Validation with Experimental Method of Castellated Steel Beams with Hexagonal Web Opening	2021	IJRESM
Assessment of Codal Provisions for Design and Analysis of Asymmetric Building	2021	INTERNATIONAL JOURNAL OF TREND IN RESEARCH AND DEVELOPMENT
Paddy Straw: A source for Bioethanol Production and Compost Formation	2021	Ecology, Environment and Conservation



• Faculty Publications

Faculty Name – Mr. Anurag Wahane



TITLE	Year	Detail of Publications
Synchronization of Traffic Signal Timings Using Webster's Method -Sharda Chowk, Raipur to Telibandha Chowk, Raipur	2021	SVNIT Conference, 2021 (Springer Nature Proceeding)
Investigation On Factors Responsible for Soft Story Irregular Building	2021	ICRISET 2021
COMPRESSIVE STRENGTH CHARACTERISTICS OF CONCRETE PARTIALLY REPLACED BY FLY ASH & GGBS	2021	International Journal of Creative Research Thoughts 9 (06), 51-55



• Faculty Publications

Faculty Name – Mrs. Barkha Verma



TITLE	Year	Detail of Publications
Experimental Study of Fly Ash and Quarry Dust On Rubberized Concrete	2021	ICRISET 2021

Faculty Name – Mr. Anant Kumar



TITLE	Year	Detail of Publications
COMPRESSIVE STRENGTH CHARACTERISTICS OF CONCRETE PARTIALLY REPLACED BY FLY ASH & GGBS	2021	IJCRT 2021 , Volume 9, Issue 6 June 2021 ISSN: 2320-2882
STRENGTH STUDY OF ALKALI ACTIVATE GEO-POLYMER CONCRETE USING FLY-ASH AND GROUND GRANULATED BLAST FURNACE SLAG	2021	2021 IJCRT Volume 9, Issue 6 June 2021 ISSN: 2320-2882







• CAD BRAIN : 1 / 04 / 2018 - 31 / 03 / 2023

 \bullet SAI DESIGN AND SOFTWARE SOLUTION : 23 / 12 / 2021- 22 / 12 / 2024





Entertainment Zone



WHICH WORD DID YOU SEE FIRST ???

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D	U	A	W	К	С	В	E	A	U	Т	Y	R	J	٧
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К	P	Y	J	A	E	Т	W	Ρ	0	W	Ε	R	Q	C
В	Т	Y	А	C	F	R	E	Ε	D	0	М	J	М	0
R	1	W	1	Ν	Т	E	L	L	1	G	E	N	С	E



Message from Editorial Board-

As the editors of civil department newsletter, let us start by conveying regards to all the members who supported us for making this happen. This newsletter highlights the events activities and achievements and we have tried to capture all the happenings at a glance. We do hope that "THIRDEYE " prime will encourage many more students to come forward and express their talent 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.

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



Mr. Divyarth Manas Assistant Professor (Editor in Chief)



Rishu Agarwal B.Tech Student