THIRD-EYE NEWSLETTER ISSUE MAY-JUNE 2021

J. 11 J.

NEWSLETTER S DEPARTMENT OF CIVIL ENGINEERING

RAIPUR

Shri Shankaracharya Institute of Professional Management & Technology, Raipur

THIRD-EYE

IN THIS ISSUE

- Vision and Misson
- Chairman's Message
- Principal's Message
- Head Of Department's Message
- Events of Department
- Establishment of IGS Student Chapter
- Department Achievement
- Faculty Achievement
- Student Achievement
- Message from Creative Department
- Message from Editorial Board

INSTITUTE VISON AND MISSION

"To be a premier technical institute in the country that imparts innovationdriven education to nurture value-based competent future professionals."

VISION

VISION

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.

NISSION

NISSION

• Creating infrastructure and good practices that foster innovationbased education.

 Providing experiences that lead students becoming good engineers.

DEPARTMENTAL VISION AND MISSION

"To be a pioneer in the field of Civil Engineering and contribute it constructively towards regional and national 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 to take responsibilities and

challenges for betterment of society.



SHRI NISHANT TRIPATHI Chairman (B G), SSIPMT, Raipur The environment is a vital component of any educational institution which unlocks a door-way to infinite learning possibilities. Hereby Shri Professional Shankaracharya Institute of Management and Technology helps the students as well as teachers in providing an amazing atmosphere for teaching-learning process. The facilities provided helps the student in better understanding and advanced implementation. Apart from study sessions, we frame our students to excel in the work they are into. Various activities in multiple fields are conducted to judge one's potential and materialize them according to their interests. Our college is ranked number 1 engineering college in Chhattisgarh and in the top 50 private engineering colleges all over India. I convey my good wishes and vouch safed blessings to the forth coming batch of CE 2017-21 for their placement in the eminent company. I heartily welcome the 2019-23 batch in the department. Take an active part in sessions, experiment with your ideas, give wings to your innovation, explore your creativity.



DR. ALOK KUMAR JAIN Principal , SSIPMT, Raipur

SSIPMT known for its value-based is quality education as its students focus on gaining more and more knowledge of the latest trends and research technologies to meet the developing needs of the industry & society. The atmosphere of college helps students to develop the potential within so that they can utilize all their assets to assess any issues and resolve them with their best knowledge and "serve the nation" as our motto says. The students of the CE branch in SSIPMT Raipur are being trained in different recommended technologies. And we take a huge pride by saying that this year also our students of the 2017-21 batch got placed in the varied companies, we heartily congratulate them all the luck & wishes for their future endeavors. We cordially welcome our new batch 2019-23 in the Department with all the best wishes & good luck for their bright future.





DR. TARUN KUMAR RAJAK

H. O. D, Civil , SSIPMT, Raipur

CALL COLOR OF COLOR O

The world has forever changed because of the Covid19 pandemic that hit us in 2020. Everyone is still recovering from the lasting effects of the Pandemicin 2021, while also being in constant vigil against subsequent waves of the virus. The transition towards online learning was a difficult one but both the student as well as the teaching community made it happen by adopting new technologies brought to the fore because of the Pandemic. Just like the latter half of last year, we were very active in the first half of this year as well.

I am happy to report that we, the department of Civil Engineering, had organized a number of events on a wide gamut of topics both academic as well as extracurricular in this semester. This includes no of webinar's. STTP, and inauguration of IGS Chapter. Both our teaching faculty as well as non-teaching staff members have constantly engaged in knowledge upgradation during these testing times and have equipped themselves better to face the future. I am also happy to report that our students were also engaged in delivering sharing sessions where in they brushed up on topics in Civil Engineering handbooks and delivered lectures to their peers for improving their field knowledge. I sure do hope that the upcoming academic session in July-DEC 2021 offers us a better chance to make the best of what we have learned during the pandemic and develop an optimized blended system of learning for better knowledge sharing

EVENTS OF DEPARTMENT

1ST WEBINAR

One Day Webinar was held on the topic "An Introduction to Drone and GNSS Technology" on Sunday , 18th April 2021. The guest speaker for this event was Mr. Piyush Rana (Senior Manager, AUS, Bangalore.) Mr. Kailash Chandra (Senior Manager Pan India- Gurgaon). In which Convener was Mr. Himanshu Shrivastava and Webinar Coordinator was Dr. Tarun Kumar Rajak (Head of Department Civil Engineering, SSIPMT, Raipur).

- This webinar covered topic related to
- Introduction to Drone
- Application of Drone in Modern Survey

• Introduction to GNSS and its Application, etc. This was a successful webinar and the knowledge gained in this webinar will help our students to successfully grasp the future aspect of drone surveying.



One Day Webinar on Hon. Shri. I. P. Mishra "Characterization of Peat in Northn- SGES One Day Webinar Eastern Region of India Hon, Shri, Nishant Tripathi Monday, 17th May 2021 "Characterization of Peat in North-Dr. Alok Kumar Jain Principal, SSIPMT, Raipur Eastern Region of India Conv Organised by Mr. Himanshu Shrivastava Head of Department Department of Civil Engineering, SSIPMT, Raipur Organised by Department of Civil Engine **Department of Civil Engineering** Shri Shankaracharya Institute of Professiona Management and Technology, Raipur Shri Shankaracharya Institute of Professional Management and Technology, Raipur Webinar Coordinator Dr. Tarun Kumar Rajak Assistant Professor, Department of Civil Engg., SSIPMT, Raipur Mob. No. 9479047905; Email id: <u>t.rajak@ssipmt.com</u> Old Dhamtari Road, P.O. Sejbahar, Mujgahan, Raipur, Chhattisgarh. Pin Code: 492015 proved and Recoganised by AICTE and Affiliated to CSVTU, Bhilai) Address for Com Mr. Divvarth Manas Dr. Tarun Kumar Rajak Department of Civil Engg., SSIPMT, Raipu Mob. No.9304210885: Monday, 17th May 2021 11:00 am 12:30 pm Assistant Professor, Department of Civil Engg., SSIPMT, Raipur Mob. No. 9479047905; Email id: <u>t.rajak@ssipm</u> About the Institute **Keynote Speakers** SIPMT fosters an understanding of technical nanagement education to harvest skilled engineer fficient managers for the society. The global compo narket requires innovation, transformation and applic Dr. Abhinaba Paul Tionis managers for the society. The global competitive model of the society of the global competitive bold methodologies, innovidege and determination to bold methodologies, innovidege and determination to hand the society of the society of the society of the professional procession of the society of the handling conventional nucleus. We transform any mid-handling professional through our focus on education, research to more influence in the society of the society of professional through our focus on education, research to main gradiest to support the solutions gain and the society of the society of the society of professional through our focus on education, research to main gradiest to society the society of the professional through our focus on education, research to an education of the society of the society of professional through our focus on education, and the society of the management, staff, parents and society to gradiest the society of the society is not material gradest togeth the through our focus of the material gradest togeth the society of the society is not the society of the society of the society is not material gradest the society to the society is not material gradest the society to the society is not material gradest the society to the society is not material gradest the society to the society is not material gradest the society to the society is not material gradest the society to the society is not material gradest the society to the society of the society of constant models and for society larger and society is compared and for society larger and the society of the society of the society larger and the society of the society of the society larger and the society of the society of the society larger and the society of the society of the society larger and the society of the society of the society larger and the society of the society of the society larger and the society of the society of the society of the dests. ssistant Pro Schedule of Program Golaghat Engineering College, Assam Date: 17-05-2021 Time: 11:00 am - 12:30 pm **Participants** This webinar is for faculty members, research scholars, PG scholars and B. Tech,/B.E. students from AICTE approved technical institutions, participants from Government, and Industries. The entry is restricted to 100 participants and it will be on first come first serve basis. Attendees 100 Content of Webinar Introduction to Peat Soil Characterization of Peat Soil Stabilization of Peat Soil itsuses. Important Note nis webinar is free for all the participants. certificates will be provided to all the rrticipants based on the attendance.

2nd webinar

One Day Webinar was held on the topic "Characterization of Peat in North-Eastern Region of India" on Monday, 17th May 2021. Dr. Abhinaba Paul (Assistant Professor, Golaghat Engineering College, Assam) was ourGuest Speaker.In which Convener was Mr. Himanshu Shrivastava and Webinar Coordinator was Dr. Tarun Kumar Rajak (Head of Department, Civil Engineering, SSIPMT, Raipur).

This webinar covered topic related to

- Introduction to Peat Soil
- Characterization of Peat Soil

Stabilization of Peat Soil.

This was a successful webinar and the knowledge gained in this webinar will help our students to fully understand the peat soil and itsuses.

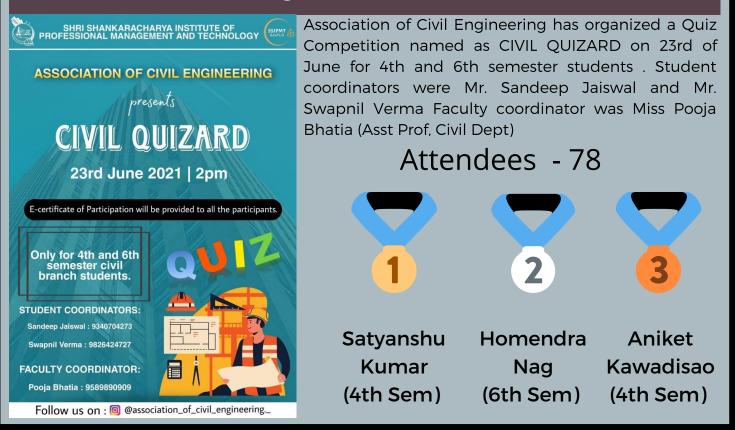
EVENTS OF DEPARTMENT

3rd webinar

lt was an immense pleasure for the Civil Department of Engineering, Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT), Raipur, to organize a Webinar on "Bacteria Self-Healing Based Concrete". In which Resource Person (Speaker) was : Dr. K. Vijay, Professor, Bapatla Assistant Engineering College, (An Autonomous Institutions), A.P. Which was held on Monday, 24th May 2021.Webinar Coordinator was - Dr. Tarun Kumar Rajak (Head of Department Civil Engineering, SSIPMT, Raipur) and Webinar Co-Coordinator was- Mr. Divyarth Manas Topic covered t was a great opportunity for our student to learn about the self healing concrete and we are surethat it will also lead our student to a new horizon



QUIZ COMPETITION



ESTABLISHMENT OF IGS STUDENT CHAPTER SSIPMT RAIPUR

The Department of Civil Engineering, Shankaracharya Institute Shri of Professional Management and Technology (SSIPMT) Raipur has established Indian Geotechnical Society (IGS) Student Chapter on 13th June 2021 in the valedictory function of online Short-Term Training Programme (STTP) on Advances in Geotechnical, Mining, and (09th to 13th June Geology 2021) organized by IGS Raipur Chapter in association with NIT Raipur and SSIPMT Raipur. The foundation of IGS Student Chapter at SSIPMT Raipur was declared by Chief Guest Prof. (Dr.) N. K. Samadhiya and (IGS President Professor, Civil Engineering Department, IIT Roorkee) in the presence of Guest of Honour Pr. (Dr.) G. L. Shivakumar Babu (Immediate Past President ICS and Professor, Civil Engg. Department, llSc Bangalore), Prof. S.R. Gandhi (Director SVNT Surat).



Er. Ravi Sundaram (Executive Member IGS), Dr. Tarun Kumar Rajak (Head, Civil Engg. Department, SSIPMT Raipur) and many more dignitaries from IITs, NITs, SSIPMT, and IGS Main Body. Indian Geotechnical Society is one of the leading professional bodies of India in the field of geotechnical and Civil engineering. The aim of IGS Student Chapter at SSIPMT Raipur is to motivate the students, to give them exposure to different careers and opportunities in this area, and also to develop leadership skills among the students. In this regard, Dr. Tarun Kumar Rajak took an initiative to open the IGS Student Chapter at SSIPMT under IGS Raipur Chapter. Mr. Nishant Tripathi, Chairman (B.G.), SSIPMT Raipur and Prof. (Dr.) Alok Kumar Jain, Principal, SSIPMT Raipur congratulated Department of Civil Engineering and office bearers of IGS Student chapter i.e., President: Mr. Srikant Sarda, Vice-President: Mr. Aniket Kawadisao, Secretary: Miss. Vidhi Sharma,and Treasurer: Mr. Himanshu Agrawal for opening of student chapter. He also encouraged the members of IGS Student chapter to carry out the research in the field of geotechnical engineering and actively explore the recent trend and innovation in the field of civil engineering.

IGS STUDENT CHAPTER SSIPMT RAIPUR

Department of Civil Engineering, SSIPMT Raipur was happy to Inaugurate the IGS Student Chapter at SSIPMT Raipur on 13th June 2021. Where, Dr. Tarun Kumar Rajak Assistant Professor and Head, Department of Civil Engg., SSIPMT Raipur and Faculty Advisor, IGS Student Chapter SSIPMT Raipur was present and where :

IGS STUDENT CHAPTER SSIPMT RAIPUR

PRESIDENT

MR. SRIKANT SARDA



VICE-PRESIDENT mr. aniket kawadisao

SECRETARY Mr. vidhi sharma



EXECUTIVE MEMBERS



GEETANJALI SAHU



AYUSHI LALWANI



BHAVIKA BAGHEL



RUPALI SAHU



SUMANT KUMAR



PRANJALI SHRIVASTAV



AMITESH KUMAR SAHU



ANISH TULASWANI

IGS STUDENT CHAPTER MEMBER MESSAGE

We feel privileged to be a part of the IGS students chapter and to add my note on the events that will be conducted for the students of the civil engineering department on behalf of the IGS students chapter.

"If You Are Working On Something That You Really Care About, You Don't Have To Be Pushed. The Vision Pulls You."

A committed team and enthusiastic students have planned many things for this academic year full of professional events. We hope that the list of events and success doubles this academic year.

We heartfully thank Dr. Tarun Kumar Rajak , our Honorable HOD and all the faculties for encouraging the students and supporting for the smooth conduction of events. Finally we thank the organizers and participants of the events for making it a grand success. We request our friends and juniors to utilize this as an opportunity to encompass their knowledge and skills. We are sure that through collaborative effort we can achieve more through this chapter and could mould ourselves into professionals of tomorrow.



SRIKANT SARDA



ANIKET KAWADISAO



HIMANSHU AGRAWAL



VIDHI SHARMA

DEPARTMENTAL ACHIEVEMENTS

STTP ON ADVANCES IN GEOTECHNICAL, MINING, AND GEOLOGY



Department of Civil Engineering, Shri Shankaracharya Institute of Professional Management and Technology (SSIPMT) conducted a Short-Term Training Program (STTP) on Advances in Geotechnical, Mining, and Geology organized by Indian Geotechnical Society (IGS) Raipur Chapter in association with NIT Raipur and SSIPMT Raipur from 09th June 2021 to 13th June 2021 (06: 00 pm to 09:00 pm). The inauguration ceremony of IGS Student Chapter at SSIPMT Raipur was scheduled on 13th June 2021.

CONSULTANCY DETAILS



Consultancy -

Water testing of Inlet and Outlet water quality parameters from Faecal Sludge Treatment Plant (FSTP)

Department - State urban Development Authority

MR. TOSHAN SINGH RATHOUR Assistant Professor, Civil Department, SSIPMT, Raipur

Amount - ₹15,43,968

2020-2021

FACULTY ACHIEVEMENTS

S. No	Name of Faculty	Journal Publication Details				
		Title of Paper	Journal Name	Published Year	Journal Indexing	
1	Md. Parvej Alam	Optimizing Residential Building by Limiting Energy Consumption	Design Engineering	2021	SCOPUS	
		Analytical and Numerical Investigation of cold deform steel beam and optimization of parameter by DOE and SAA	IJRESM	2021	UGC	
2	Mr. Toshan Singh Rathour	Numerical Analysis and Validation with Experimental Method of Castellated Steel Beams with Hexagonal Web Opening	IJRESM	2021	UGC	
		Evaluation of Geopolymer Concrete on Partial Replacement of Fine Aggregate by Crushed Stone Dust	Design Engineering	2021	SCOPUS	
		Design and Performance Evaluation of Coffer Slab	IJRESM	2021	UGC	
		Parametric analysis and Design of Box Girder Under Different Radius of Curvature	IJTRD	2021	UGC	
3	Mr. Anurag Wahane	Compressive Strength Characteristics Of Concrete Partially Replaced By Fly Ash & Ggbs	IJCRT	2021	UGC	

STUDENT ACHIEVEMENTS

INTERNSHIP/TRANING DETAILS

S. No	Name of Company	No. of Students	Duration
1	Singhania Buildcon Pvt. Ltd.	16	3 months
2	CAD Academy	1	1 months
3	Larsen and Turbo	1	1 months
4	Hexaas Technologies Pvt. Ltd.	1	1 months
5	KPMG International Limited	1	1 months
6	The Spark Foundation	1	1 months

PLACEMENT DETAILS



SHUBHANI MANJHI

Accenture - 4.5 lakhs per annum Collabera - 2.53 lakhs per annum



SHUBHAM TIWARI Startview Research - 2.75 lakhs per annum

STUDENT ACHIEVEMENTS

GATE EXAM DETAILS



BHAVESH KASHYAP GATE SCORE -400 AIR - 11241



PRABHAV TRIPATHI GATE SCORE -378 AIR - 13156



HARSHIT MISHRA

GATE SCORE -605 AIR - 2894



SHUBHAM SAHU

GATE SCORE -382 AIR - 12998



VIBHAV TRIPATHI GATE SCORE -385 AIR - 1203



MAYANK SONI GATE SCORE -329 AIR - 17966

MESSAGE FROM CREATIVE DEPARTMENT

Creativity engages the mind. Creativity enables alternative ways of thinking. Creativity enables empathy. Creativity connects us to ourselves. Creativity can connect reflection with action. Creativity builds intercultural connections. Creativity nurtures confidence.

We will forever be grateful of Dr.Tarun Kumar Rajak, Our honourable HOD and all faculties for enlightening us from there presence and for giving us a huge opportunity to create and design the "THIRDEYE LOGO" and for considering it in the newsletter . We also want to thank our seniors and fellow mates for their support which gives us courage.

Their Appreciation help us to give our best in this department and help us to give a good platform to our juniors.



RISHU AGARWAL 4TH SEMESTER, CIVIL ENGINEERING

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 " 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 ".



Aassistant Professor (Editor in Chief)



POOJA BHATIA Aassistant Professor (Editor in Chief)

