

# DEPARTMENT OF CIVIL ENGINEERING

## NEWSLETTER (SESSION: JUL – DEC 2023)



### Editorial Message

"No resistance can drop our potential"

## Heartily Welcome to the II Edition of our Departmental Newsletter.

We are very delighted and proud in presenting this newsletter to showcase the latest developments and programs which happened in our department.

It is indeed a great pleasure to note that our Department is publishing the newsletter on half yearly basis on every aspect of activities and events held during the semester. The newsletter aims to bring into view various proceedings, functions, events, news, accomplishments and happenings in the Department.

News letter acts as a communication channel among the alumni, faculty, students and experts in Electrical & Electronics Engineering.

We are very much grateful to the Management, Rector and Principal for their continuous encouragement, inspiration and support extended for the release of this "NEWSLETTER"

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Vice-Principal, SISTec Gandhinagar, Bhopal

# VISION, MISSION & PEOS

## CIVIL ENGINEERING

### VISION

To be one of the leading centres for creation and dissemination of knowledge in the field of Civil Engineering by inculcating multi-disciplinary and collaborative academic practices and creating morally zealous professionals.

### MISSION

- To offer best-in-class Civil Engineering education through a combination of modern and classical pedagogical approaches to create technically and ethically competent professionals to cater to the ever-increasing infrastructural needs of the country.
- To provide state-of-the-art infrastructural and laboratory facilities to ensure fundamental understanding as well as all round development.
- To inculcate a problem-solving attitude and an entrepreneurial mindset by providing industrial and practical exposure through industrial and academic collaborations

### PEOS

- PEO1: To inculcate an understanding of the fundamental concepts of Civil Engineering among the students enabling them to become successful Civil Engineering practitioners.
- PEO2: To develop moral and ethical standards in the students and transforming them into responsible practitioners having efficient entrepreneurial skills with the ability to provide innovative solutions to societal problems.
- PEO3: To ensure holistic development of students by providing state-of-the-art training in the latest advancements in Civil Engineering.



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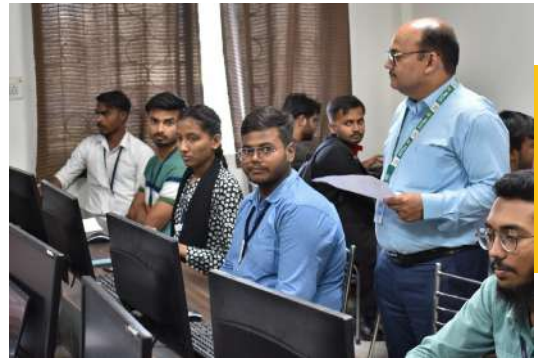
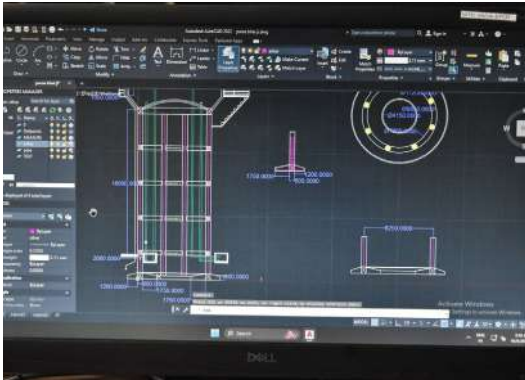
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# (A) DEPARTMENTAL ACTIVITIES

## WORKSHOP – AUTOCAD MANIA

SISTec-Department of Civil Engineering organized a technical event on "AutoCAD Mania – AutoCAD Drafting Competition" in which students from different colleges of Bhopal showcased their drafting skills. The Competition had two stages: Stage A - a brief training on AutoCAD, and Stage B - a session for AutoCAD 2D drafting. Mr. Paras Soni (3rd Sem, Dept. of Civil Engg, SISTec) has secured First position with a cash prize of Rs 5000 and Mr. Adesh Soni (7th sem, Dept. of Civil Engg, SISTec) secured the second position with a cash prize of Rs 3000 cash prize in the competition.



## WORKSHOP ON GREEN BUILDING

SISTec Department of Civil Engineering organized a Six Days Workshop on Green Building Standard, Rating, and Certification Systems – Understand Energy Modelling & eQuest Software". The main motive of this workshop was to educate students about Green Building and eQuest Software working. Dr. Megha Jain and Mr. Iqbal Hafeez Khan trained students about the working of eQuest Software and how it is important in Civil Engineering. Through the workshop, several eminent speakers visited and explained to students about Green Building standards, rating, and certification systems. On the sixth day of the workshop, students were presented with the certificate of participation by (Principal, SISTec) Dr. Dinesh Kumar Rajoriya and (Vice-Principal, SISTec) Dr. Swati Saxena.



## INDUSTRIAL VISIT – NISHATPURA RAILWAY YARD

The department of Civil Engineering conducted an industrial visit to Railway yard and Track, Nishatpura, Bhopal on 14th of June 2023 to get the students acquainted with the construction and maintenance of railway track and yard.



## INDUSTRIAL VISIT ENVIRONMENTAL PLANNING & COORDINATION ORGANIZATION

SISTec-Department of Civil Engineering has organized an Industrial visit to Environmental Planning & Coordination Organization (#EPCO) as a part of the "Six Days Workshop on Green Building Standards, Rating, and Certification Systems – Understand Energy Modelling & eQuest Software". Students at the visit were introduced to (Sr. Scientific Officer) Dr. Lokendra Thakkar and Dr. Ramratan Simiya who took an expert lecture on Climate Change. Students also visited the recycling paper unit at EPCO and got to know about the analyzing of daily energy using Kiosk made by EPCO.





## INDUSTRIAL VISIT – SANCHI STUPA

SISTec-Department of Civil Engineering organized a visit to Sanchi stupa for the 3rd and 5th semester students on 23.09.2023. Sanchi is a Buddhist complex, famous for its Great Stupa, on a hilltop at Sanchi Town in Raisen District of the State of Madhya Pradesh, India. It is located, about 23 kilometers from Raisen town, district headquarter and 46 kilometres (29 mi) north-east of Bhopal, capital of Madhya Pradesh.



## EXHIBITION VISIT SCHOOL OF PLANNING AND ARCHITECTURE, BHOPAL

Department of Civil Engineering has arranged a visit to exhibition on Temple of Architecture on 4 October 2023 for VII sem and on 3 October for III and V sem. The students have learnt about the Evolution of Temple Architecture and witness the holographic temple display. Students came to know about the 2000 year old journey of Indian Temple Architecture.



# MONUMENT VISIT - OMKARESHWAR (STATUE OF ONENESS)

Department of Civil Engineering along with team of L&T edutech has organized a visit Statue of Oneness on 7 November 2023 for VII sem. The students have learnt about the construction techniques involved in Statue of Oneness. The statue depicts Shankaracharya as a 12-year-old child when he is said to have visited Omkareshwar. The government has invested Rs 2,200 crore to develop the temple town located on the Mandhata island of Khandwa district.



## MOU WITH L&T EDUTECH

Sagar Group of Institutions-SISTec and SISTec Ratibad signed a Memorandum of Understanding (MoU) with L&T EduTech. By leveraging L&T EduTech's innovative technology solutions, SISTec will create a powerful learning environment that prepares skilled engineers for the future. The MoU signing ceremony was attended by, Mr. Mohan Murty A, General Manager & Head – LWS (North & West ) Business Unit, L&T Construction & Mr.Nitin Jain, DGM & Branch Manager L&T Power, (Director, Sagar Group of Institutions) Dr. Jyoti Deshmukh, (Principal, SISTec) Dr. Dinesh Kumar Rajoriya, (Principal, SISTec Ratibad) Dr. Manish Billore, (Vice-Principal, SISTec) Dr. Swati Saxena, (Group Head, Team Corporate Relations) Ms. Prachi Shrivastava and Heads of the Department.





## EXPERT TALK ON BIM (L&T EDUTECH)

Sagar Group of Institutions-SISTec conducted in collaboration with L&T EduTech organized an expert session on "Future of Civil and Mechanical Engineering in L&T". The expert speaker for the session was (Information Manager, 4D/5D BIM Coordinator) Mr. Mariram Subramanian.



## SISTEC AS THE NODAL CENTER – IIRS-ISRO DEHRADUN

Sagar Group of Institutions- SISTec is selected as the Nodal Center for conducting online courses offered by IIRS-ISRO Dehradun as a part of IIRS outreach program. The co-ordinator for the program is Dr. Arnav Anuj Kasar (HoD, SISTec-Department of Civil Engineering). The live sessions will be conducted at SISTec, where experts from IIRS-ISRO and other knowledge institutions will share their ideas, theme oriented online courses and monthly webinars on recent topics on geospatial technologies and their applications. These courses and webinars will be beneficial for the students as well as faculties and will be certified, attending it.





# (B) STUDENT ACTIVITIES

## BRISKER CARNIVA CUM FRESHER'S PARTY 2K23

Students of 2nd year SISTec-Department of Civil Engineering organized freshers party for the students of 1st year on 06 October 2023. The event started with welcoming of dignitaries and lamp lightening ceremony. The students of 2nd year presented a good show for 1st year students they did solo dance, group dance and group song. Then the hunt for Mr. Civil and Ms. Civil started there were 3 rounds in that 1st round was Intro and talent round, second round was games round and third round was question answer round. the winners are: Mr. Civil Moin Khan, Ms. Civil Richa Datt Pradhan, Mr. Eve Juber Khan, Ms. Eve Rakhi Paw.



## PROJECT EXHIBITION

Every project is an opportunity to learn, to figure out problems and challenges, to invent and reinvent."With this thought, the Sagar Group of Institutions-SISTec organized the SISTec Aadhar Project Expo, where students from 1st and 2nd year showcased their innovative ideas and designed projects. The exhibition was about learning and showcasing the hard work, students have put into their inventions. The projects were judged by the seniors, who evaluated them through presentations and concepts behind the design.



# FACE CLUB REFORMATION & ENGINEER'S DAY CELEBRATION

Engineering is not just a field of study; it's a way of thinking, problem-solving, and innovating that shapes our world in remarkable ways. Civil department conducted various activities including poster making, reel making, Kaggle Taggle, Techquest, and more. Along with this, Civil engineering department also conducted the reformation of student clubs for FACE with Alumni Talk in the Department of Civil Engineering. The expert speaker for the session is (Sr. Structure Engineer, Agarwal Builders & Alumni, batch 2024-18) Mr. Bimlendu Kumar Gautam





# (C) ACHIEVEMENT & AWARDS

## YOUNG SCIENTIST AWARD

Students of SISTec-Department of Civil Engineering Mr. Talib Qureshi, Mr. Mehtab Ahmed Ghani, and Ms. Unzila Fatima, were felicitated in the morning assembly for winning the "Young Scientist Award" under the guidance of Mr. Mohit Sahu (Asst. Prof. of Civil Engineering Dept.) for Research Paper – "Coconut Shelts and M Sands Partial Replacement of coars aggregate and natural sands in the concrete mix" during the International Conference on 'Recent Trends in Multidisciplinary Innovation' at Corporate Institute of Science and Technology, Bhopal



## STRUCTURE MELA 2023 AWARD

Students of Civil Engineering 4th sem Navneet Kumar and Abhay Pratap Tomar have the Won 3 rd Price in Structure Mela 2023 organized by Manit Bhopal on . Structure Mela is signature event of Department of Civil Engineering Manit Bhopal where students of across Madhya Pradesh take part and showcase their skills.



## BEST RESEARCH PAPER AWARD

Congratulations to our Students Mr. Tarun Shilpkar, Mr. Jagdish Kushwaha, and Mr. Ashish Singh Sengar (7th semester, Dept. of Civil Engineering) Sagar Group of Institutions–SISTec, for winning the "Best Research Paper Award" under the guidance of Mr. Mohit Sahu (Asst. Professor, Civil Engg) on the topic "Partial Replacement of course aggregate by tyre chips" at the National Conference organized at LNCT, Bhopal.



## GOLD MEDAL IN MARTIAL ARTS NATIONAL CHAMPIONSHIP

Congratulations to our Student Kajal Kachhwaye, of Vth sem have Won the Gold Medal in Martial Arts National Championship held at Kurukshetra, Haryana.





## EXPERT LECTURE DELIVERED AT DISASTER MANAGEMENT INSTITUTE

Dr. Megha Jain and Mr Iqbal Hafeez has delivered expert lecture at Disaster Management Institute on IS: 1893 2016(Part-1)" in Earthquake Resistant Construction training programme. It was very interesting to hear about different techniques of seismic construction. (Dr.George V. Joseph) Joint Director The slides you showed gave students a close look to seismic construction techniques that we couldn't have gained in any other way.



## NPTEL CERTIFICATION

Congratulations to Dr. Megha Jain (Professor from Civil Engineering Dept.) Sagar Group of Institutions–SISTec, for successfully completing the National Programme on Technology Enhanced Learning (NPTEL) Course on "Fluid Mechanics".



Congratulations to Mr. Pramod Gour (Assistant Professor, Civil Engineering Department) Sagar Group of Institutions - SISTec, for successfully completing the National Programme on Technology Enhanced Learning (NPTEL) Course on "Soil Mechanics/Geotechnical Engineering I".



- Congratulations to Mr. Sachin Singh Jat (Asst. Professor, Civil Engineering Dept.) Sagar Group of Institutions–SISTec, for successfully completing the National Programme on Technology Enhanced Learning (NPTEL) Course on "Integrated Waste Management for a Smart City" .



Congratulations to Mr. Iqbal Hafeez Khan (Asst. Professor, Civil Engineering Dept.) Sagar Group of Institutions–SISTec, for successfully completing the National Programme on Technology Enhanced Learning (NPTEL) Course on "Strength of Materials"



## NPTEL CERTIFICATION

Congratulations to our students from the Dept. of Civil Engineering for successfully completing the NPTEL Online Certification in "Remote Sensing Essentials", under the able guidance of Dr. Megha Jain, Associate Professor in the Dept. of Civil Engineering.





# NPTEL CERTIFICATION

Congratulations to all the students of Civil Engineering, Sagar Group of Institutions-SISTec, for successfully completing the National Programme on Technology Enhanced Learning (NPTEL) Courses in various subjects of Civil Engineering.



# AMCAT ACHIEVERS

Faculty members of Department of Civil Engineering, Dr. Arnav Anuj Kasar (HOD), Dr. Megha Jain, Mr. Mohit Sahu, Mr. Sachin Singh Jat, Mr. Nirbhay Dangri, Mr Iqbal Hafeez, Mr. Rahul Sen has got 99% AMCAT score and honoured by SISTec



# (D) PLACEMENTS



## FOLLOWING STUDENTS PLACED SO FAR IN CIVIL ENGINEERING

### AADESH SONI

Enrollment No. - **0187CE201001**  
Company - **SHN Infra**  
Joining Location - **Indore**  
Designation - **Trainee Engineer**

### AASHISH K. GAUTAM

Enrollment No. - **0187CE201002**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### AASHISH MAHESHWARI

Enrollment No. - **0187CE201003**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### ARYAN YADAV

Enrollment No. - **0187CE201018**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### ASHISH PATIDAR

Enrollment No. - **0187CE201019**  
Company - **SHN Infra**  
Joining Location - **Bhopal**  
Designation - **Trainee Engineer**

### AYOD YADAV

Enrollment No. - **0187CE201022**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### DEWARGH TIWARI

Enrollment No. - **0187CE201031**  
Company - **Nuvoco**  
Joining Location - **Bhopal**  
Designation - **Sr. Officer**

### MURTAZA NEHAL

Enrollment No. - **0187CE201064**  
Company - **SHN Infra**  
Joining Location - **Patna**  
Designation - **Trainee Engineer**

### MUSKAN DESORIYA

Enrollment No. - **0187CE201065**  
Company - **SHN Infra**  
Joining Location - **Indore**  
Designation - **Trainee Engineer**

### MUSKAN MAITHIL

Enrollment No. - **0187CE201066**  
Company - **SHN Infra**  
Joining Location - **Indore**  
Designation - **Trainee Engineer**

### NISHA DENGLE

Enrollment No. - **0187CE201070**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### RAJIV RANJAN

Enrollment No. - **0187CE201081**  
Company - **SHN Infra**  
Joining Location - **Patna**  
Designation - **Trainee Engineer**

### RAVI K. PRAJAPATI

Enrollment No. - **0187CE201085**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### RITIK SAHU

Enrollment No. - **0187CE201088**  
Company - **SHN Infra**  
Joining Location - **Indore**  
Designation - **Trainee Engineer**

### RUPESH KUMBHKAR

Enrollment No. - **0187CE201092**  
Company - **Sobha Developers**  
Joining Location - **Bengaluru**  
Designation - **Trainee Engineer**

### SANJAY MEENA

Enrollment No. - **0187CE201001**  
Company - **Best Eng. Envr.**  
Joining Location - **Pratapnagar**  
Designation - **Asst. Engineer**

### UTKARSH CHAUHAN

Enrollment No. - **0187CE201113**  
Company - **SHN Infra**  
Joining Location - **Patna**  
Designation - **Trainee Engineer**

### GAURAV AHIRWAR

Enrollment No. - **0537CE201034**  
Company - **Shreeji Infra.**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### RITIK SHARMA

Enrollment No. - **0537CE201066**  
Company - **A&A Consultant**  
Joining Location - **Bhopal**  
Designation - **Graduate Eng. Trne.**

### SAPNA MEHRA

Enrollment No. - **0187CE201100**  
Company - **BM107 industrial**  
Joining Location - **Indore**  
Designation - **Trainee Engineer**