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## SISTec-Ratibad

# BULLETIN

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SISTec-E | SIPTec-R



SISTec-R

## OBJECTIVE

To become a One-stop Solution for students in order to build their successful career.

## VISION

To become an institution of excellence in Science & Technology, by imparting world-class quality education and relevant training; producing skilled, competent & innovative workforce having social and ethical concern towards nation building.

## MISSION

- To establish a student-centric academic ecosystem enabling them to acquire & retain domain knowledge, develop lifelong learning attitude and maintain professional ethics.
- To induce career-oriented, industry-relevant skills in students, by means of appropriate & updated training modules for their overall grooming.
- To provide state of art facilities and infrastructure to facilitate seamless dissemination of technical knowledge and spirit of innovation among students.
- To foster collaborative development through industrial tie-ups and research, so that the students can serve the society.
- To enable continuous development of teachers, thereby ensuring updated knowledge transmission to our students.



[www.sistecr.ac.in](http://www.sistecr.ac.in)

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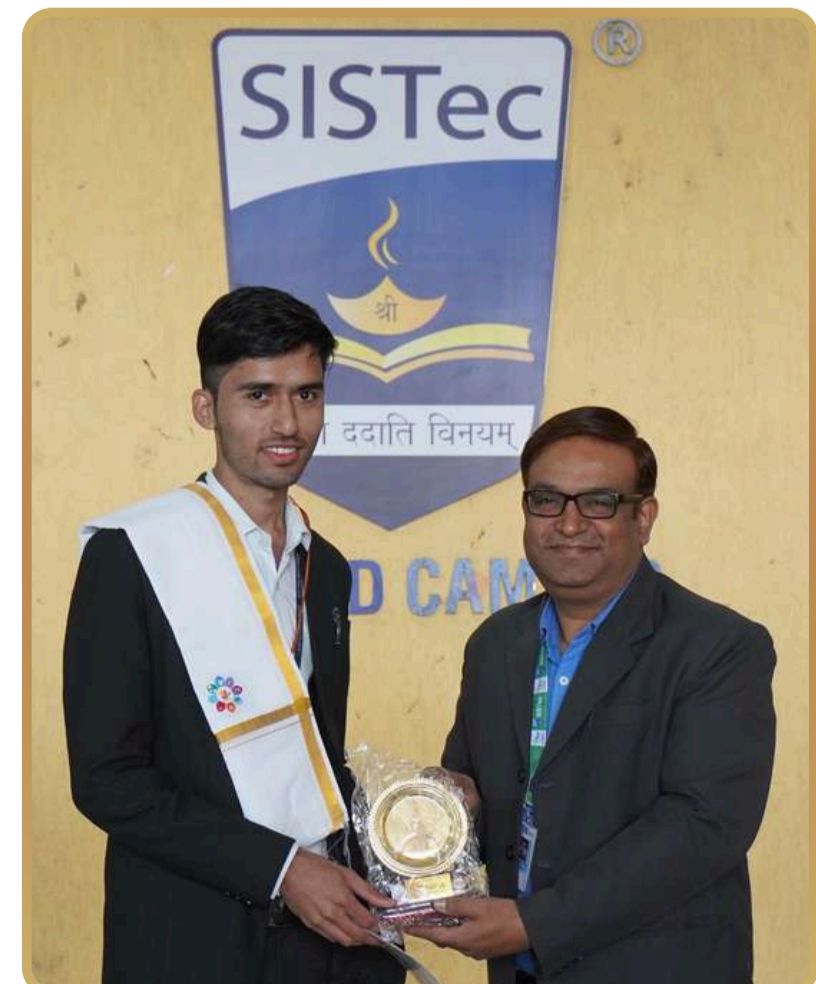
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For any feedback & suggestions : [admissions@sistec.ac.in](mailto:admissions@sistec.ac.in)

*Felicitation*

***National Level Research Paper Competition***

Mr. Hemant Verma, a second-year student of Computer Science Engineering with Internet of Things was felicitated for his outstanding achievement at VIVIBHA 2024 (Vision for Viksit Bharat) - National Conference of Research Scholars organized by Bharatiya Shikshan Mandal, Yuva Aayam at SGT University, Gurugram, Haryana. His research topic was "Indian Education System: Past, Present, and Future".



## Felicitation Project Innovation Expo

Mr. Harshdeep, Mr. Nagraj Patel, and Mr. Yuvraj Bokhare, from the Department of Mechanical Engineering, were felicitated for bagging Third Prize at the Project Innovation Expo 2024, organized by IES University, Bhopal.



*Felicitation*  
**National Programme on Technology  
Enhanced Learning**

The Departments of Electrical Engineering and Mechanical Engineering felicitated their students and faculties for completing the various NPTEL (National Programme on Technology Enhanced Learning) Courses.



## SAC Investiture Ceremony

The Student Activity Council (SAC) took oath for 2024-25 pledging to enhance the institute's culture, decorum, and discipline. We bid a fond farewell to the outgoing council, recognizing their flawless execution of duties throughout their tenure by presenting them with certificates of appreciation. Additionally, the ex-council heads handed over the SAC Flag and the Council Book to the new President.



## Alumni Talk

# Scope of Electronics & Communication Engineers in the Power Sector

The Department of Electronics & Communication Engineering hosted an Alumni Talk with Mr. Vaibhav Malviya from Batch 2010-2014 currently working as an O&M SCADA Engineer at the Electricity Supply Board, Dublin. He shared his journey from Synergy to global powerhouses like Tata Power and Hitachi R&D. He shed light on how ECE Engineers are integral to modern power generation, transmission, and distribution, due to their expertise in communication systems, control mechanisms, and automation.





## Alumni Talk Preparedness for Various Job Roles in IT Industry

The Department of Computer Science & Engineering hosted an Alumni Talk with Mr. Anuj Dwivedi and Mr. Chitransh Soni from Batch 2016-2020 currently working as Senior Test Automation Engineer L1 at Think Future Technologies Pvt. Ltd. The session covered essential tips for preparing for various job roles and succeeding in the tech world.



## Workshop Autodesk Design Now

The Department of Mechanical Engineering hosted an Autodesk Design Now Workshop with expert trainer Mr. Tafazul Nabi. He is a Senior Technical Trainer at ICT Academy. The students of Civil and Mechanical Engineering gained hands-on experience with industry-standard software to boost their design skills.



## Workshop

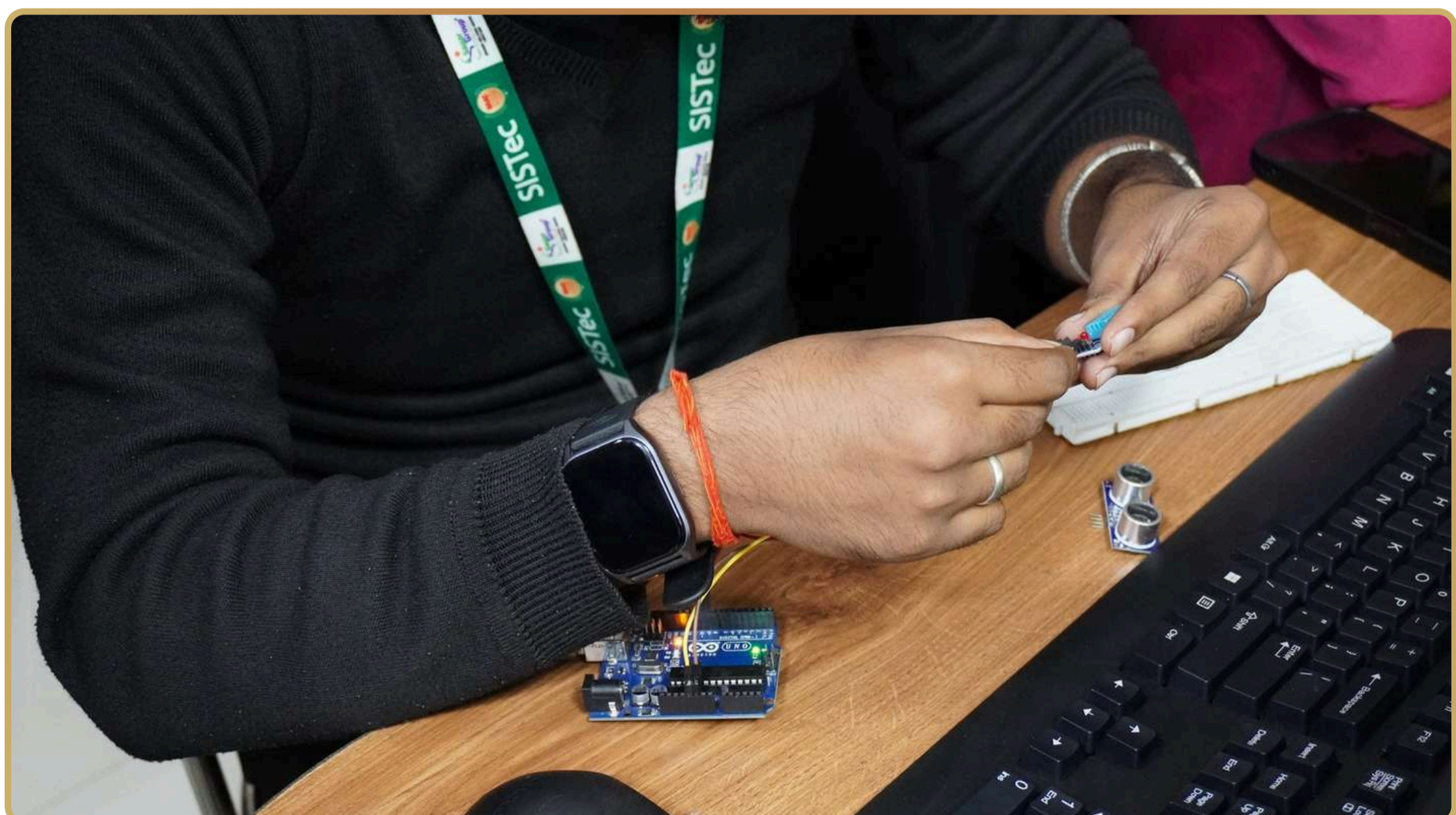
# Advanced Waterproofing Techniques

The Department of Civil Engineering organized an Advanced Waterproofing Techniques training session at the Centre of Excellence in Sustainable Construction Materials in association with UltraTech Cement. During the session, students learned about the latest innovations in waterproofing, including the revolutionary Top Shield material. They also explored cost-effective solutions and environmental benefits.



## Workshop Embedded Systems & IoT

The Department of Computer Science & Engineering with Internet of Things organized a hand-on workshop on Embedded Systems & IoT. This workshop provided IoT and AIML students with practical skills and knowledge to excel in this rapidly growing field.



## The Kabadiwala's Waste Management and Collection Initiative

The Department of Civil Engineering under the Unnat Bharat Abhiyan, hosted The Kabadiwala team to promote eco-conscious practices. The event focused on the importance of textile recycling and its positive impact on the environment. The Kabadiwala team shared details about their initiative REFAB: A Step Towards Zero Textile Waste followed by a Nukkad Natak on Recycling by students of Natrajan: Performing Arts & Welfare Society.



Expert Talk

India's Journey to Scientific Excellence

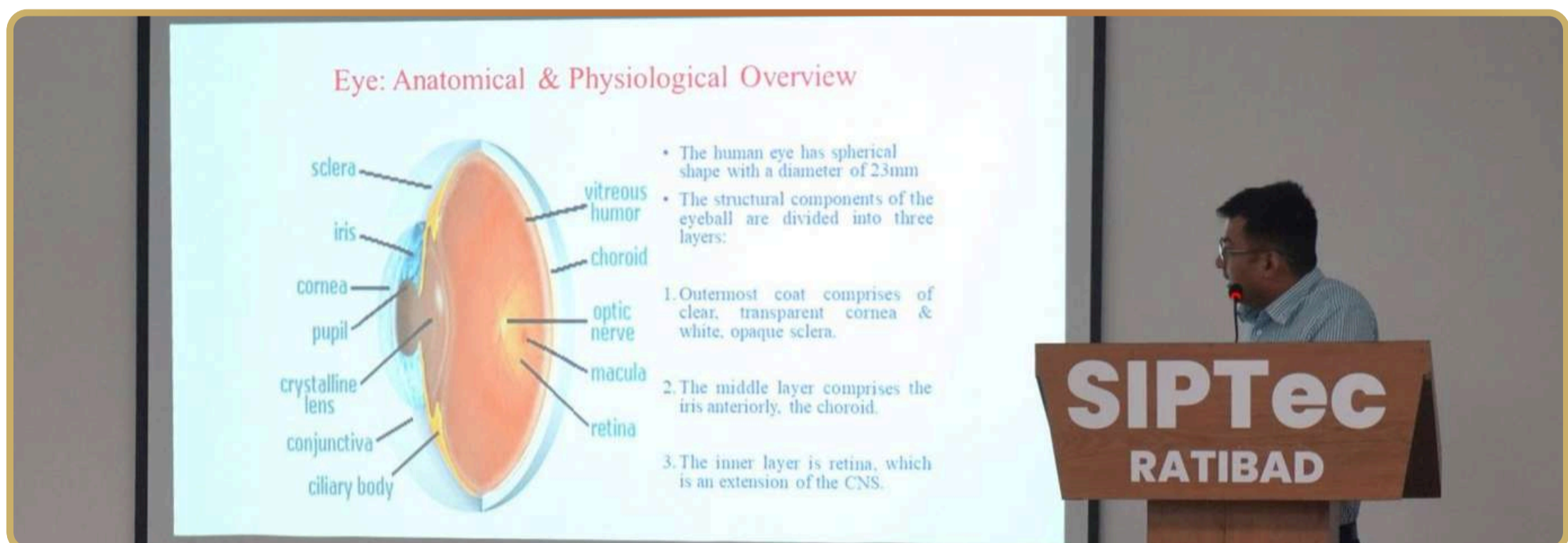
The Department of Mechanical Engineering hosted an expert talk on India's Journey to Scientific Excellence with expert speaker Architect Dr. Amogh Gupta. He is the President of Vigyan Bharti Madhya Bharat Prant. The event concluded with the brochure launch of 11th Edition of Bhopal Vigyan Mela.



## Expert Talk

# Nanomaterials on Ocular Drug Delivery System

SIPTec-R hosted an insightful lecture on Nanomaterials on Ocular Drug Delivery System. Renowned expert, Dr. Vivek Dave, former Dean and Head of the Department of Pharmacy at Central University of South Bihar, Gaya, Bihar delivered a comprehensive lecture on the potential of nanomedicine in ocular drug delivery. The session provided valuable insights into the assessment and clinical applications of nanomaterials in treating various eye diseases.



## Expert Talk Solidworks 3D CAD & Simulation

The Department of Mechanical Engineering hosted a session on Solidworks 3D CAD & Simulation with expert trainer Mr. Abdul Quadir Khan. He is an Application Engineer at Council Tech Systems Pvt. Ltd. The students gained valuable insights on 3D modeling and design, simulation and analysis techniques, and best practices for optimizing design and performance.





## Expert Talk AIDS Awareness

The Department of Civil Engineering, in collaboration with the Red Ribbon Society, hosted an enlightening expert talk as part of the AIDS Awareness Week Initiative. The session was led by the esteemed Ms. Priyanka Arya, a dedicated counsellor from GMC, Bhopal.

The event focused on raising awareness about HIV/AIDS, its prevention, and the importance of fostering a compassionate, stigma-free environment for those affected. Ms. Arya shared her valuable insights on the medical, psychological, and social aspects of the disease, highlighting the role each one of us can play in combating misinformation and promoting safe practices.



## Freshers' Fiesta

The second-year students threw a rocking freshers for the first-year students. The party was a grand success, marking a warm welcome to the new batch of students. The event was filled with excitement, music, and laughter, providing a perfect platform for freshers to mingle and bond with their seniors.



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