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## SISTec-Ratibad

# BULLETIN

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SISTec-E



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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# International Academic Collaboration

SISTec has gone international through a collaboration with Perdana University in Malaysia. They have signed a Memorandum of Understanding to work together on joint research, knowledge exchange, and innovation. This partnership opens up opportunities for both institutions to make a global impact.

Perdana University is a prestigious institution in Kuala Lumpur known for its programs in Health Sciences, Social Sciences, and Technology. They have received high ratings in the Malaysian Higher Education Rating System. This collaboration marks a significant milestone for SISTec as they expand their reach and work with a renowned institution towards achieving common goals on a global scale.



# Achievement at Anveshana 2024

The students of Mechanical Engineering and Computer Science & Engineering, along with the students of Sagar Vidya Niketan outshined at the national-level Anveshana 2024 Project Exhibition in New Delhi. The theme was SMART Future: Technology's Role in Sustaining the Five Elements. Five teams from Ratibad Campus made it to the final exhibition, with one team winning the consolation prize for their AI-based Borewell Rescue Robot Project. All participating students received medals and certificates, showcasing their dedication to innovation and scientific exploration.



## प्रेरणा — *Igniting Professional Minds*

We recently hosted a session titled प्रेरणा — Igniting Professional Minds featuring Dr. M.P. Poonia, Former Vice-Chairman of AICTE. The session underscored the crucial role of educators in society, with Dr. Poonia emphasizing the timeless nature of learning and the importance of building trust between educators and society.

Dr. Poonia highlighted the diverse responsibilities of educators, including fostering analytical skills, overcoming language barriers, and promoting innovation. The event concluded with a focus on empowering students to innovate and make meaningful contributions to society, aligning with SISTec's commitment to academic excellence and holistic development. Overall, the session served as a reminder of the significance of education and the positive impact educators can have on shaping the minds of future professionals.



# Trainers' Training Program

Industry & Institute Partnership Cell and Bosch India organized a two-day Trainers' Training Program aimed at enhancing the skills and knowledge of 55 trainers from different states. Dr. Shubhra Bhatia conducted insightful sessions on soft skills, while Mr. Shivesh Mishra and Mr. C. K. Pandey from Bosch India shared initiatives for student skill development.

The program concluded with a tree plantation drive, emphasizing environmental stewardship and collective responsibility for preserving the planet. The event served as a platform for collaboration, sharing best practices, and promoting continuous learning among participants.



# Workshop on Blockchain Technology

The Department of Computer Science & Engineering hosted a two-day workshop on Blockchain Technology. Renowned expert Mr. Pranshul Saxena from Kuvaka Tech was the keynote speaker, discussing blockchain basics, cryptocurrencies, NFTs, and practical applications. The workshop also covered Solana configuration, NFT development, and blockchain deployment. The event was a success, emphasizing the department's dedication to technological advancements and preparing students for future engineering challenges.





# Workshop on Data Analytics

The Department of Electrical Engineering hosted a two-day workshop on Data Analytics. The event marked a journey into the dynamic world of data analytics, where participants explored a variety of topics and practical applications shaping the future of technology. The event featured sessions on Python and its various applications, including data manipulation and web scraping, as well as machine learning topics such as linear regression, image processing, and deep learning.



# Alumni Talk

## Current Need of Electronic & Communication Engineers in the Era of Industry 4.0

The Department of Electronics & Communication Engineering recently hosted an Alumni Talk on the Current need of Electronic & Communication Engineers in the Era of Industry 4.0. Mr. Himanshu Gupta from CG Power and Industrial Solution Limited highlighted the significance of Electronics and Communication Engineering in fields like Artificial Intelligence and Machine Learning. He encouraged students to focus on incorporating recent technologies in their projects and emphasized the importance of innovation in learning. Mr. Gupta shared insights on the expectations of the industry from job seekers and advised students on how to develop their skill-set to meet these expectations.



## NTPL-NTVL 2024

The Annual Sports Tournament NTPL-NTVL 2024 saw students from Nalanda and Takshshila Hostels promoting a healthy lifestyle and sportsmanship. Bajrang Eleven emerged victorious in the NTPL final match, with Omprakash Mishra awarded Man of the Match. Awards were also given to Sachin Saket, Omprakash Mishra, Ankur Vishwakarma, Suryakant Mani, and Omprakash Mishra for their performances. In the NTVL final match, Cool Spikers triumphed over Super Sixes led by Anikesh Lodhi. An Award Ceremony was held to celebrate the achievements of the participants.



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