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SISTec-Ratibad

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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.



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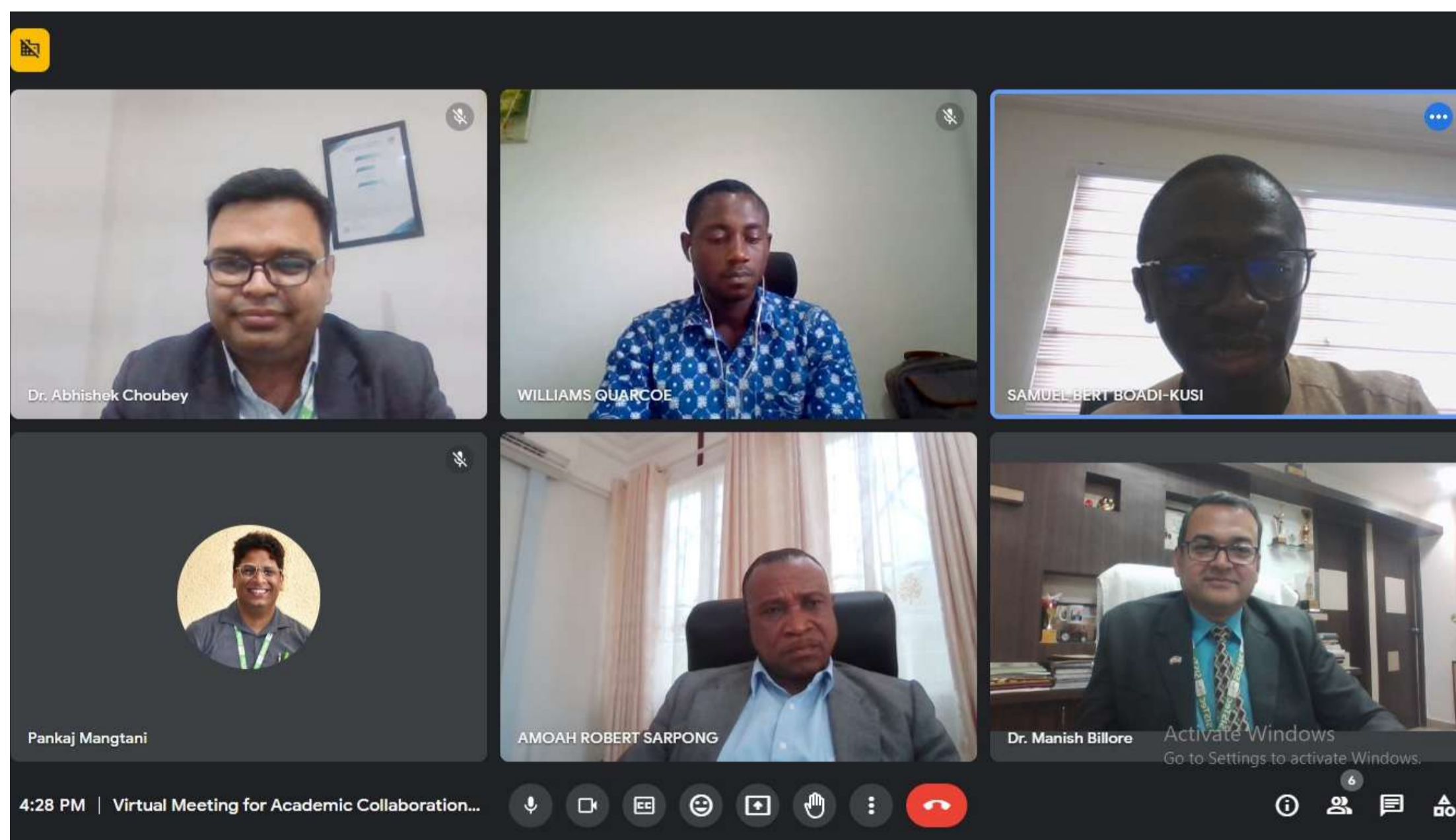
For any feedback & suggestions : admissions@sistec.ac.in

Academic Collaboration with University of Cape Coast

In order to achieve the objective of fostering Academic Collaboration for Teaching, Research, and Knowledge Sharing, a virtual meeting was conducted with the esteemed University of Cape Coast (UCC) in Ghana, North Africa.

Representing Sagar Group of Institutions - SISTec Ratibad, the meeting was attended by our esteemed Principal Dr. Manish Billore, and Dr. Abhishek Choubey, Associate Professor of Mechanical Engineering Dept. and Head of the Industry-Institute Partnership Cell.

Joining us from the University of Cape Coast were Prof. R.S. Amoah (Dean, School of Engineering), Prof. Samuel Bert Boadi-Kusi (Dean, Office of International Relations), and Mr. Williams Quarcoe (Officer in charge of International Relations). This virtual gathering provided an invaluable platform for engaging in fruitful discussions and exchanging ideas, all with the ultimate aim of enhancing academic collaboration between our respective institutions.



Amplifying Research Profile with Intellectual Property Rights

The Dept. of Mechanical Engineering organized a workshop on Amplifying Research Profile with Intellectual Property Rights. Sponsored by the Madhya Pradesh Council of Science and Technology (MPCST Bhopal), the workshop featured distinguished speakers who shared their expertise on IPR.

Dr. Sandeep Singhai discussed the technical aspects of IPR in recent technology, Dr. Atul Pandey provided insights into the legal aspects of IPR, Mrs. Puja Vikas Maulikar discussed the examination process for patents and designs, and Mr. Vikash Asawat enlightened participants on different types of IPR.

The workshop was highly engaging, with participants actively involved and gaining valuable knowledge on protecting their research innovations.



Sustainable Practices and Strategies in Electronics Engineering for a Sustainable World

The Dept. of Electronics & Communication Engineering organized an International Expert session on Sustainable Practices and Strategies in Electronics Engineering for a Sustainable World.

Dr. Suresh Kumar Vishwakarma, a highly accomplished individual, was the distinguished Expert Speaker. He discussed the significance of sustainability for engineers, explored the United Nations Sustainable Development Goals, and introduced the concept of Green Technology. The session also covered Energy Conservation and Energy Efficiency. The students actively participated, and the knowledge shared will benefit both the students and society.



Application of IoT in Civil Engineering

The Dept. of Civil Engineering organized a two-day hands-on workshop on the application of the Internet of Things (IoT) in Civil Engineering. The workshop aimed to provide students of the III and IV semesters with practical insights into the integration of IoT technologies in the field of Civil Engineering.

Mr. Arpit Soni and Mr. Mohit Vishwakarma from Robonauts India covered various aspects of IoT applications, including sensors, data analytics, and smart infrastructure.



Foundations and Evolution of Modern Computing Paradigms

The First Year Cell organized an expert lecture for first-year students in the CSE, CSE-AIML, and CSE-IOT branches. Dr. Sonal Telang Chandel gave a lecture on the foundations and evolution of modern computing paradigms, including IoT, Artificial Intelligence, and Machine Learning. The lecture aimed to provide students with an understanding of data structures, algorithms, computer architecture, and software engineering. It also covered topics such as sensors, actuators, networked objects, AIML theory and application, and real-world applications.



Recent Trends in CAD

The Dept. of Mechanical Engineering under the Indian Society for Technical Education Student Chapter organized a workshop on, "Recent Trends in CAD" for first-year Mechanical Engineering students.

The objective of this workshop was to familiarize students with the newest CAD software and technologies that are being employed by different industries at the moment and give participants hands-on instruction in 2D and 3D modeling, rendering, and simulation to help them advance their CAD skills with how CAD can be used in conjunction with rapid prototyping and 3D printing technologies, demonstrating the direct conversion of CAD models into tangible prototypes. The students got to know how CAD tools can be used to design with sustainability in mind, including material selection, energy efficiency, and reducing waste.



Industrial Visits

Industrial Visit to the **Electric Loco Shed, Itarsi** by the Dept. of Electrical Engineering



Industrial Visit to **Meteorological Center, Bhopal** by the Dept. of Computer Science & Engineering, CSE with Artificial Intelligence & Machine Learning, and CSE with the Internet of Things



Site Visit to the extension part of **Sagar Vidya Niketan, Sikandrabad** by the Dept. of Civil Engineering



भजन संध्या एवं दिवाली समारोह

हर वर्ष की तरह इस वर्ष भी सिस्टेक परिवार ने "भजन संध्या" का आयोजन हर्ष और उल्लास के साथ किया। दीपावली के पावन पर्व के उपलक्ष्य में आयोजित इस भजन संध्या में चेयरमैन श्री सुधीर कुमार अग्रवाल के साथ ही सागर ग्रुप के विभिन्न उपक्रमों के पदाधिकारी भी उपस्थित रहे। कार्यक्रम में सम्मिलित सभी ने सुरमई भजनों का आनंद लिया।

भजन संध्या परमात्मा के और निकट जाने का माध्यम साबित हुई, जहां सभी ने ईश्वर के अपने सबसे प्रिय रूप का भजनों के द्वारा आवाह्न किया। गणेश वंदना से शुरू हुई श्रृंखला ने शक्ति स्वरूपा माँ दुर्गा, भोलेनाथ, श्री कृष्ण, राधा, पवनसुत हनुमान और श्री राम की स्तुति तक का सफ़र तय किया। कुछ प्रस्तुतियों ने मन की शक्ति का भी संदेश दिया। संध्या का समापन समूह हनुमान चालीसा पाठ के साथ हुआ जिसके पश्चात सभी ने भोजन प्रसादी ग्रहण की।



'Sagar Group', an invariably embraced mega-conglomerate is accurately contributing towards Atma Nirbhar Madhya Pradesh's, and thus India's, economic pace. We believe that the prime aim of life must be uplifting others.

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