

**Report
on
“2nd IEEE International Conference on Computational & Characterization Techniques
in Engineering & Science (CCTES 2024)”
Organized by
Department of Electrical Engineering and Department of Electronics and
Communication Engineering**

It is a matter of great pleasure to share with everyone, a report on “2nd IEEE International Conference on Computational & Characterization Techniques in Engineering & Science (CCTES 2024) which was jointly organized by Department of Electrical Engineering and Department of Electronics and Communication Engineering, Integral University, Lucknow-India during November 15-16, 2024. This significant International Conference aimed to unite researchers, engineers, and industry professionals to discuss advancements in computational and characterization methods across various engineering disciplines.

Day 1: November 15, 2024

The conference commenced with a warm welcome from **Dr. Mohammad Atif Siddiqui**, Head of the Department of Electrical Engineering. He introduced the distinguished guests and highlighted the significance of the conference. **Prof. Md. Haris Siddiqui**, Registrar of Integral University, outlined the institution's rich history, academic excellence, and future aspirations.

Prof. Asheesh Kumar Singh, Guest of Honour from MNNIT Allahabad, Prayagraj, emphasized the collaboration between IEEE and Integral University. He underscored the importance of partnerships in fostering innovation and research. **Prof. Dr. Satish Kumar Singh**, Guest of Honour from IIT Allahabad, elaborated on the benefits of interdisciplinary research and the critical role of publishing impactful research papers.

Mr. Adnan Akhtar addressed the computational aspects of the conference, while **Prof. Javed Musarrat**, Vice-Chancellor of Integral University, encouraged students to embrace innovation and engage in meaningful research. **Dr. Rama Shanker Verma**, Director of MNNIT Allahabad, shed light on the importance of integrative research in the modern scientific landscape.

The day concluded with a motivating speech by **Dr. Syed Nadeem Akhtar**, Pro-Chancellor of Integral University, who emphasized how computational and characterization tools are revolutionizing fields such as materials science, energy, and medicine. His remarks set the stage for dynamic discussions and collaborations throughout the event. A total of 1,208 manuscripts were received, with 302 accepted. Of these, 259 papers were presented across various tracks, both offline and online.

Day 2: November 16, 2024

The second day featured a thought-provoking session led by **Prof. Dr. Arun Kumar Singh**, Head of the Department of Electronics and Communication Engineering, REC Kannauj. He advocated for offline presentations as a more effective learning tool compared to online formats.

Dr. Vishal Singh Chandel, Professor and Head of the Faculty of Applied Sciences and Humanities, Rajkiya Engineering College, Ambedkar Nagar, highlighted the importance of networking in academia and industry. He emphasized its various forms and the value it brings to research and development.

Dr. Ahmad Faiz Minai from the Department of Electrical Engineering at Integral University presented a detailed summary of the conference's impactful sessions, capturing the essence of the two-day event. **Prof. Dr. Abdul Azeez**, Dean of the Faculty of Engineering & Information Technology at Integral University, lauded the organizing committee for their efforts and expressed hope for continued success in future editions of the conference.

The event concluded with a formal ceremony where **mementos and certificates** were distributed to participants, speakers, and organizers as tokens of appreciation for their contributions. **Dr. Imran Ullah Khan** delivered the closing remarks, expressing heartfelt gratitude to all attendees and contributors for making CCTES 2024 a resounding success.





