



DST-SERB Sponsored National Conference organised by the Department of Physics, KLEF Celebrates Groundbreaking Advances in Functional Materials and Photonics

In a remarkable convergence of scientific minds, the Department of Science and Technology - Science and Engineering Research Board (DST-SERB) sponsored a momentous National Conference on Advances in Functional Materials and Photonics. The conference conducted by the Department of Physics, KLEF during 5-6 January 2024, brought together an assembly of leading scientists, researchers, industry personalities, and innovators from across the nation to deliberate and exchange pioneering insights in the realm of functional materials and photonics.

The inauguration session was marked by a spirit of enthusiasm and anticipation as esteemed guests such as Dr D. Narayana Rao, Central University of Hyderabad; Dr Vijaya Prakash, IIT Delhi; Dr Venugopal Achanta, Direct, National Physical Laboratory, CSIR, New Delhi; Dr Haranath, NIT Warangal; Dr A Srinivas Rao, Delhi Technological University, Delhi; Dr Sai Santhosh Kumar, IIT Hyderabad, Dr Ravi Kumar, Acharya Nagarjuna University, Guntur and others graced the occasion. Along with the resource persons, the higher authorities from KLEF Dr Subrahmanyam, Principal-Science, Dr Madhav, Addl. Dean R & D, Dr Siva Ganga Prasad, Coordinator-FED, Dr Buchinaidu, Director-R & D and others also joined the inauguration session happened on 5th January 2024. The chief guest Dr. D. Narayana Rao, a notable figure in the field of optics, delivered an inspiring key note address, emphasizing the paramount

importance of collaboration and innovation in driving advancements in materials and photonics through nonlinear optical phenomenon.

Eminent speakers shared comprehensive research findings, shedding light on novel discoveries and breakthroughs in the field. The presentations covered diverse areas such as nanomaterials, optoelectronics, metamaterials, and more, showcasing the multifaceted applications and implications of these cutting-edge technologies. The conference provided a fertile ground for networking and fostering collaborations among participants, facilitating meaningful discussions and interactions that are poised to pave the way for future research initiatives and collaborations.

Throughout the event, the valedictory sessions stood as a testament to the substantial strides made during the conference. Dr. Vijaya Prakash and Dr Venugopal Achanta, interacted with all faculty, research scholars, UG/PG students to explore various opportunities and facilities provided by the National institutes and Government organisation. In the valedictory session, the eminent resource persons expressed optimism about the potential impact of the collaborations forged during the conference, underscoring the importance of sustained efforts in advancing functional materials and photonics for societal benefit. The event concluded on a high note, leaving attendees inspired and motivated to delve deeper into the realms of functional materials and photonics.

The conference, with its rich of fruitful discussions and presentations, undoubtedly served as a foundation for further advancements and collaborations in these pivotal scientific domains, signifying a crucial step towards a brighter, technologically advanced future.

In valedictory session, all the resource persons and functionaries of KLEF congratulated the Conference Chair and dept Head Dr K Swapna, convenor Dr Mahamuda Shaik and Co-convenors Dr Venkateswarlu and Dr Shaik Babu for their restless efforts in organising the national conference. All the organising committee members of conference are also congratulated for their support and cooperation in the holding and arranging in a successful manner.