

The 4th International Conference on Advanced Functional Materials for Sustainable Energy Applications (ICAFMSA-2023) was triumphantly conducted from 6 to 8 December, 2023, hosted by the esteemed KoneruLakshmaiah Education Foundation (KLEF) Vaddeswaram campus in Andhra Pradesh, India. To attend and grace the inaugural ceremony of this 3-day international conference, esteemed dignitaries Prof Jagannadha Rao garu, Pro Chancellor, Prof K Subrahmanyamgaru, Principal, College of Sciences, Prof Siva Ganga Prasad garu, Coordinator, FED attended as guests. Prof EaswaramoorthiRamasamy from the Center for Solar Energy, Hyderabad attended and presented the keynote lecture on the importance of sustainable energy sources and material preparation such as solar cells. A total of 24 resource persons from national and international wide have been invited to deliver their lectures and present their immense contribution towards materials science for sustainable energy.

Key Highlights:

◆ Esteemed Speakers: Distinguished experts from diverse fields convened at this prestigious event to share their insights. Notable speakers included:

1. Dr. V. Rajkumar, Professor of Mechanical Engineering, IIT Jammu, Jagti Campus, Jammu & Kashmir, India. Discussed about 3D printing in biological materials.
2. Dr. EaswaramoorthiRamasamy, Professor, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Centre for Solar Energy Materials, Hyderabad. Highlighted the sustainable energy sources such as solar cells.
3. Dr. KarthikKannan, Professor, Australian Center for Sustainable Development Research and Innovation (ACSDRI), Australia. Focused on energy storage material devices.
4. Dr. ArunkumarJayakumar, Associate Professor, Electrical and Electronics Engineering, St. Peter's Institute of Higher Education and Research, Chennai. Highlighted the concepts of storage fuel cells, fuel cell reaction and electric storage devices.
5. Dr. B. Kishore Babu, Associate Professor, Department of Engineering Chemistry, Andhra University, Visakhapatnam.

The conference centered on the pivotal role of Advanced Functional Materials in addressing global energy challenges, emphasizing sustainable energy production, storage, conservation, and technological advancements. Experts emphasized the need for innovative materials to meet rising energy demands while focusing on environmental and socio-economic sustainability.

The Department of Physics at KLEF, known for its academic rigour and interdisciplinary approach, spearheaded this event. The department offers specialized

programs in Physics & Nanoscience and Technology, fostering research and academic excellence.

The successful completion of the inaugural session of the 3-day ICAFMSA-2023 marks a milestone in the quest for sustainable energy solutions, fostering collaboration and knowledge exchange among global experts. For the following days, the resource persons and participants from all over the world will attend and deliver their presentations scheduled in online mode.

The convenor, Head of the Department, faculty members, research scholars, and students thanked the management of KLEF and all higher authorities for their support and cooperation in successful execution of the international conference.



Participants in the grid:

- golla muralidhar
- PELATI ALTHAF
- KL DEPARTMENT OF PHYSICS
- FIROZ SHAIK
- Dr. B. Kiran Naik (NIT ... Unverified)
- ARIGELA NAGENDRA...
- V.Lakshmi savithri vats... Unverified
- supriya janga
- Dr Raghavendra Kumar Unverified
- Dr G Sunita Unverified
- Gyan Prakash kumar Unverified

Participants (28)

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- Participants (28)
- KANIKE RAGHAVENDRA KUMAR Me
- Department of physics Host, presenter
- 5715 Dr.S.Shanmugan Cohost
- Gyan Prakash kumar Unverified
- 1968 Dr. M Venkateswarlu
- 3435 Dr.A.Venkateswara Rao
- 3990 Dr Shaik Mahamuda
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