

Webinar On Novel Material And Characterization For Technological Applications

Event Date : 27/12/2020

International webinar on "**Novel material and characterization for technological applications**" on 27.12.2020

The Chairman of this webinar Dr. C. Krishna said that the emergence of new materials catalyzes transformative advances in civilizations. Most of the researches especially in Physics focused on the innovation of Novel materials which have various applications in daily life.

During Conveners message, Dr.K.Jyothi said that the development of sustainable, durable, smart, and functional materials is the new challenge that researchers all over the world are facing in order to tackle the aforementioned needs.

One of the Resource person Dr. G. Bhagavannarayana gave his presentation over various advancements in Photo voltaic cells. He quoted different methods to harvest Solar energy through c-Si to quantum dot solar cells.

Another resource person Dr. A. Naresh Kumar Reddy explains how dynamic and robust laser beam shaping for advanced material processing applications.

Dr.Prasanth kumar Vaidya explains all the process for the Synthesis and Characterization of Solid oxide fuel Cells.

During interaction session, nice deliberations have been made.

Org.Secy.Dr.MVK Meher thanked all the resource persons and members who attended the webinar.

The program was ended with a National anthem.


RITHAPUR RAJAH'S GOVERNMENT COLLEGE (A), KAKINADA


DEPARTMENT OF PHYSICS & ELECTRONICS
 in Collaboration with IQAC

ONE DAY INTERNATIONAL WEBINAR
Novel Materials and Characterization for Technological Applications
27th December 2020

TOPIC	TIME	RESOURCE PERSONS
An overview on Advancements in photovoltaics: Harvesting Solar energy through c-Si to Quantum Dot solar cells	12 - 1 PM	 Dr. C. Krishna, Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada
Dynamic and robust laser beam shaping for advanced material processing applications	4 - 5 PM	 Dr. A. Srinivas, Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada
Synthesis and Characterization of Solid Oxide Fuel Cells	5 - 6 PM	 Dr. Srinivas, Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada

To know the concepts of solar cells, types and generation of solar cells, chemical vapor deposition method for thin film solar cells, Molecular beam epitaxy (MBE) solar cells, third generation synthesized photo voltaic chemical solar cells, I-V characteristics and their recent developments, generation solar cells and their applications, Study of dynamic beam shaping for advanced material processing applications, To know the different fuel cell material, especially solid oxide fuel cells with their synthesis and characterization, To explore various characterization techniques such as FTIR, SEM, I-V studies etc.

Registration Fee:

Registration for Participants:

- Academicians
- Scientists
- Students
- Research Scholars
- Others

Registration and proceedings:

- Lecture/Workshop proceedings with abstract submission
- Webinars, discussions and resolutions and conclusions
- Development book
- Stipend with full charge
- Participants will provide for full time participants

<https://www.google.com/calendar?time=12:00:00%20PM%20to%201:00:00%20PM%20on%2027%20December%202020>

For any correspondence and enquiries please contact:

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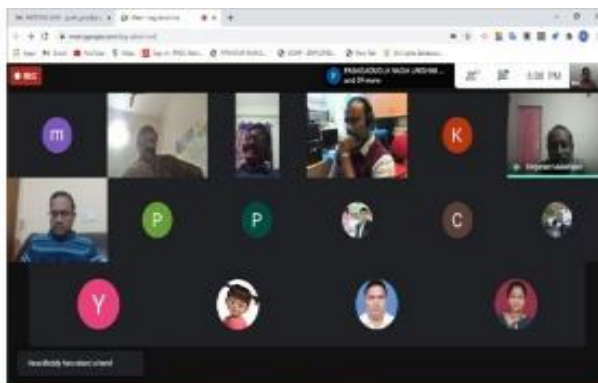
Dr. M. V. R. Mohan
 Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada

Sri UVSS Krishna Prasad
 Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada

Dr. C. Krishna
 Assistant Professor, IQAC, Rithapur Rajah's Government College (A), Kakinada



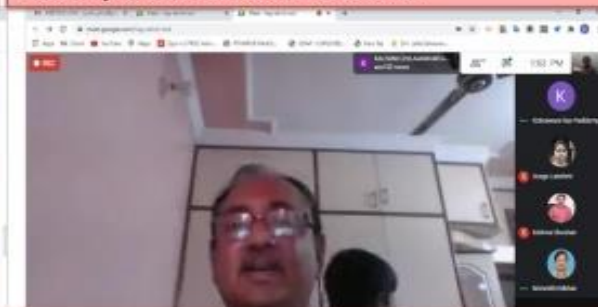
Dr.C.Krishna initiating the webinar



Faculty assembled for Webinar



DR. PRASHANTH KUMAR VAIDYA giving lecture



Dr.G. BHAGAVANNARAYANA delivering lecture