

Media Report

Research and Development Committee, School of Studies (Engineering & Technology)

Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (C.G.)

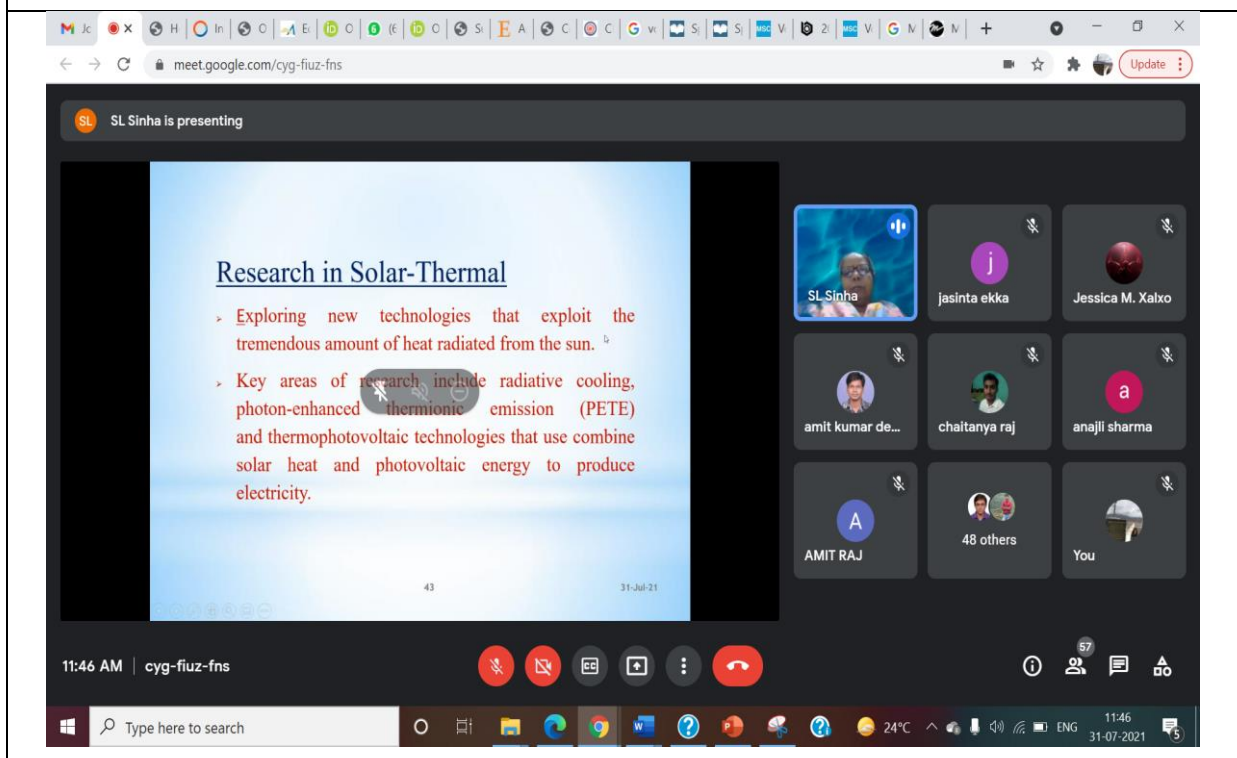
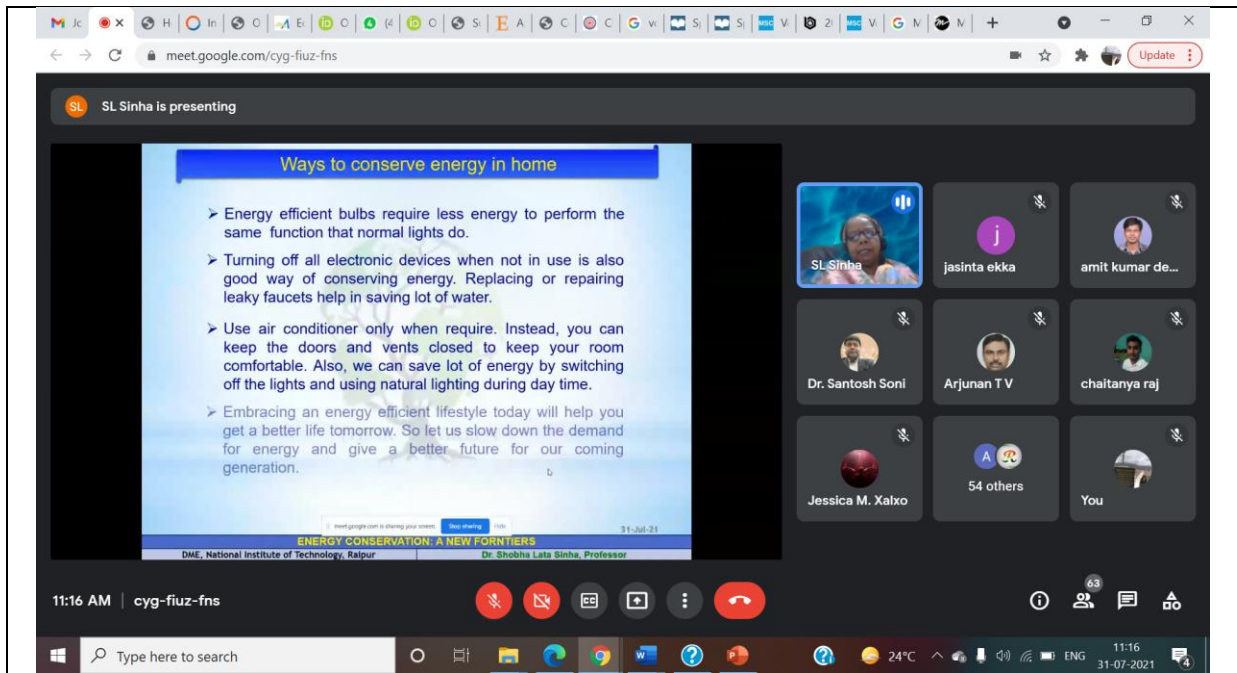
Organized a One-day National Workshop on

“Emerging Trend in the Research Areas and Opportunities in Science and Technology”

The rapid advancement in science and technology motivates the academicians and researchers to work on the emerging research field and emerged with a novel and innovative design for the sustainable development of the society. In context to this, the Research and Development Committee, School of studies of Engineering & Technology, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.) has successfully organized a one-day National Workshop on “**Emerging Trend in the Research Areas and Opportunities in Science and Technology**” on 31/07/2021 from 10:00AM to 03:00PM. The objective of this National workshop is to motivate faculty members, and research scholars to develop their field of interest. The keynote speaker of session one was **Prof. Shobha Lata Sinha** Professor, Department of Mechanical Engineering, National Institute of Technology, Raipur (India), addressed the topic new energy frontiers in which she mention about the efficient ways for energy conservation and later on she mainly focusses on the research in the field of PV technologies, renewable fuels, solar thermal system, wind energy, combustion, natural gas, enhanced oil recovery, Air quality, climate change, Land use and, Water. **Dr. Bukke Kiran Naik**, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology, Rourkela (India) was eminent speaker of second session and addressed about KNN Machine Learning Tool for analysis of Thermal Energy System in which he mentions about centralized A/C system - VARS. The workshop was well coordinated by Dr. Jasinta Poonam Ekka Assistant Professor, Mechanical Engineering Department & Mrs. Disha Dewangan, Assistant Professor, Industrial & Production Engineering Department, and members of Research and Development Committee. More than 100 teaching, non-teaching faculty, research scholars of reputed universities/Colleges, and persons from industrial backgrounds across India have registered for the workshop.

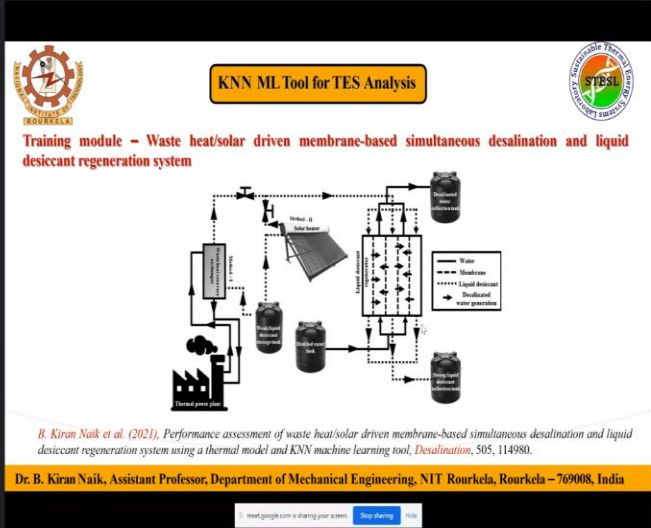
The inauguration of the workshop was conducted with a brief introduction of the resource person by Mrs. Disha Dewangan. Later on, Dr. Jasinta Poonam Ekka, the Research Coordinator of Research and Development Committee, SoS (E&T), highlighted the remarks

and the objectives of the one-day national workshop. Afterward, Prof. T.V. Arjunan, Dean, SoS (E&T), strongly emphasises on the emerging research field and motivates the participants towards research. Also, the feedback about the whole session was collected from all the participants to improve the sessions that will be conducted in the future. The workshop concluded with a vote of thanks by Mrs. Disha Dewangan.



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Kiran Naik is presenting



KNN ML Tool for TES Analysis

Training module – Waste heat/solar driven membrane-based simultaneous desalination and liquid desiccant regeneration system


B. Kiran Naik et al. (2021), Performance assessment of waste heat/solar driven membrane-based simultaneous desalination and liquid desiccant regeneration system using a thermal model and KNN machine learning tool, Desalination, 505, 114980.

Dr. B. Kiran Naik, Assistant Professor, Department of Mechanical Engineering, NIT Rourkela, Rourkela – 769008, India

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Dr. Anil Kumar Soni

Jasinta Ekka

Amit Kumar Bhowanjan

Kiran Naik

Harish Kumar Patel

Aradhana Soni

Harish Kumar P...

Manish Bhaskar

Aditya Narayan

24 others

You

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