

Report on Entrepreneurship and Skill Development Programme on Emerging Trend in the Research Areas and Opportunities in Science and Technology

Research and Development Cell, School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur (C.G.)

Date of Event : July 31, 2021

Venue : GGV, (Online Mode)


Entrepreneurship and Skill Development ETRAOST Brochure



The brochure is titled "Entrepreneurship and Skill Development ETRAOST Brochure". It features the logo of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) at the top left. The main text reads: "SCHOOL OF STUDIES, ENGINEERING & TECHNOLOGY, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.) R & D Cell SoS (E & T), Presents ONE DAY NATIONAL WORKSHOP ON EMERGING TREND IN THE RESEARCH AREAS AND OPPORTUNITIES IN SCIENCE AND TECHNOLOGY". It lists two speakers: Prof. Shobha Lata Sinha, Professor, Department of Mechanical Engineering, National Institute of Technology, Raipur (India), and Dr. Bukke Kiran Naik, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology, Rourkela (India). The timing is 11:00 AM Onwards. The date and time are 31st July 2021, Saturday at 11 AM to 4:00 PM. The registration link is <https://forms.gle/fqmexuuLL8X2Avpi9>. The brochure also lists the Chief Patron (Prof. Alok Kumar Chakrawal), Patron (Prof. Shailendra Kumar), Convener (Prof. T. V. Arjunan), and Organizing Committee members (Dr. Anil Kumar Soni, Dr. Ghoshna Jyoti, Dr. Kundan Meshram, Dr. Anoop Sahu, Dr. Princy Mallani, Mr. Amit Kumar Dewangan).

Details of Event Proceedings

Date (DD-MM-YYYY)	Details of the Session	Details of Resource Person	Number of Participants
31-07-2021	New energy frontiers	Prof. Shobha Lata Sinha	70
31-07-2021	KNN Machine Learning Tool	Dr. Bukke Kiran Naik	70


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औद्योगिक एवं उत्पादन अभियांत्रिकी
Industrial & Production Engineering
सौदीयिकी संस्थान / Engineering & Technology
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



A Brief Abstract of the Event:

The rapid advancement in science and technology motivates academicians and researchers to work in the emerging research field and emerged with a novel and innovative design for the sustainable development of 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 10:00 AM to 03:00 PM. 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 of new energy frontiers in which she mention 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.

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SL Sinha is presenting

Ways to conserve energy in home

- Energy efficient bulbs require less energy to perform the same function that normal lights do.
- Turning off all electronic devices when not in use is also good way of conserving energy. Replacing or repairing leaky faucets help in saving lot of water.
- Use air conditioner only when require. Instead, you can keep the doors and vents closed to keep your room comfortable. Also, we can save lot of energy by switching off the lights and using natural lighting during day time.
- Embracing an energy efficient lifestyle today will help you get a better life tomorrow. So let us slow down the demand for energy and give a better future for our coming generation.

ENERGY CONSERVATION: A NEW FRONTIERS
DME, National Institute of Technology, Raipur | Dr. Shobha Lata Sinha, Professor

11:16 AM | cyg-fiuz-fns

Participants: SL Sinha, jasinta ekka, amit kumar de..., Dr. Santosh Soni, Arjunan T V, chaitanya raj, Jessica M. Xalxo, 54 others, You

Online attending Entrepreneurship and Skill Development Workshop

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

3:24 PM | cyg-fiuz-fns

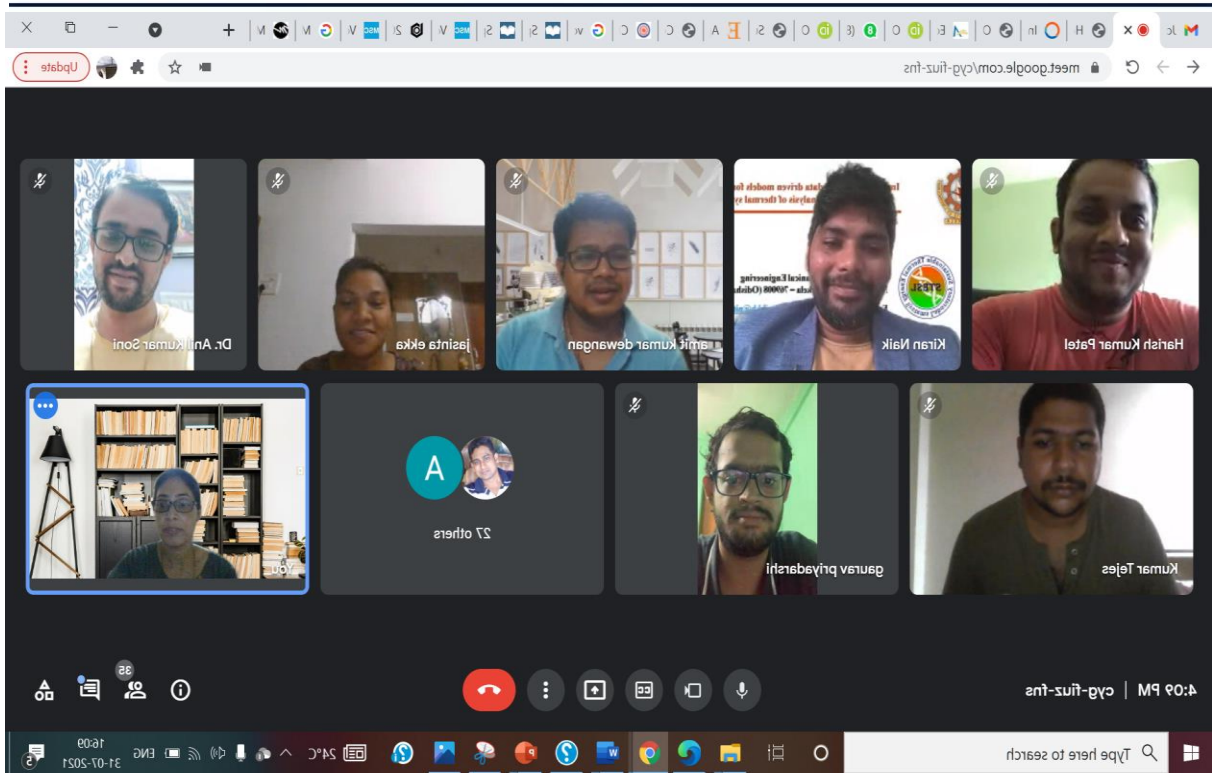
Participants: Kiran Naik, jasinta ekka, amit kumar de..., Aradhana Soni, Harish Kumar P..., Manish Bhaskar, Aditya Narayan, 24 others, You

(Signature)
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गुरु घासीदास विश्वविद्यालय
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
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