

Report on November, 2021. Held on 8th Jan 2022

Date of Event	Knowledge Manthan
Name and Type of Event	Knowledge Manthan on "A META-HEURISTIC APPROACH FOR OPTIMIZATION OF SOLAR AIR HEATER PARAMETERS".
Conducted by	Dr. Anupam Kumari
Number of Participants	32

The Resource person **Dr. Anup Kumar** is Assistant Professor of the School of Engineering and IT, ARKA JAIN University, Jamshedpur.

The speaker gave informative and illuminating lecture with valuable content. The session was very valuable for Faculties, Researcher and Students. Energy is a basic requirement for human being and also influences the economic development. The rapid depletion of fossil fuel resources forced human being for a search for non-conventional energy resources.

Out of alternative energy resources, solar energy is available freely and abundance on earth in the form of radiation. Solar collectors are widely used for utilization of solar energy for various applications. Solar air heaters are simple to design and no complicated tracking mechanism.

The present work showed an attempt to estimate the optimal thermal performance of a smooth flat plate solar air heater (SFPSAH) with various operating parameters and also to determine the most effective parameters through TBLO technique. This work helps to find out that how actual experimental set-up is far away from the optimized set of crucial parameters.

Topic of Knowledge Manthan: - "A Meta-Heuristic Approach For Optimization Of Solar Air Heater Parameters"

Date: -8th January 2022

Convener: - Dr. Anupam Kumari

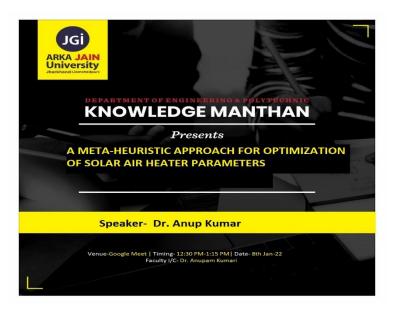
About the Speaker:-

Dr. Anup Kumar is Assistant Professor of the Dept of Engg, School of Engineering and IT, ARKA JAIN University, Jamshedpur..

Venue and Participants:-

Knowledge Manthan was conducted online on Google Meet Platform. **Total** participants attended were 35

Event Poster



Glimpse of the event





