

|| Jai Sri Gurudev ||



# ADICHUNCHANAGIRI UNIVERSITY



**BGS Institute of Technology**

BG Nagara – 571448, Mandya District



**Webinar Series – 2020-21**

**Department of Electronics and Communication  
Engineering**

## **Electronics for Renewable Energy Systems**

Main Objectives:

- Need for Innovative Electronic Solutions
- R & D Opportunities in Renewable Energy
- Innovative Business Models

*Speaker:*

**Mr. Chandra Mohan**

**CEO, Banashree Renewable Energy Systems Pvt.Ltd**

Date: 12<sup>th</sup> May 2020, 10.00AM

Zoom Online Platform: <https://zoom.us/j/2301259913>



**Topic:** Electronics for Renewable Energy Systems

**Speaker:**Mr. Chandra Mohan, CEO, Banashree Renewable Energy Systems PVT. Ltd.,  
Bengaluru

**No. of Participants:**100

**Online Plat form:** ZOOM

**Date:** 12<sup>th</sup> May 2020

**e-certificate** is provided to all the participants.

Mr.Chandramohan was discussed about his company for 15 min and another 1 hour and 30 minutes he completely discussed about classification of Energy Sources, Renewable and non-renewable energy, Energy resources (Conventional and nonconventional), Energy needs of India, and energy consumption patterns. Worldwide Potentials of these sources.Energy efficiency and energy security.Energy and its environmental impacts, Distributed generation. Solar Energy: Solar thermal Systems: Types of collectors, Collection systems, efficiency calculations, applications. Energy storage, Battery – types, equivalent circuit, performance characteristics, battery design, charging and charge regulators. Battery management.Flywheel-energy relations, components, benefits over battery.Fuel Cell energy storage systems. Electronic and battery charged vehicle.