

"Innovation Challenges in Energy Systems to increase Energy Efficiency through Energy Management and Energy Conservation Technologies"



Organize by

RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL

and

MADHYA PRADESH URJA VIKAS NIGAM LIMITED, BHOPAL

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Madhya Pradesh Urja Vikas Nigam Limited in collaboration with the Bureau of Energy Efficiency (BEE) is implementing a "Innovation Challenges in Energy Systems to increase Energy Efficiency" based Projects to promoting Energy Management and Energy Conservation Technologies through various innovative ideas of students with following objectives:

- For mass application projects
- Easy to implement the technologies
- Technical and economical viabilities

Application/ Proposal invited for Innovations in the following areas:

- Renewable Energy based System and technologies (Solar/Wind/Hybrid/Biomass/Fuel Cell/Geothermal etc.)
- Energy Conservation in Buildings (Commercial/Residential)
- Energy Efficient Equipments (Solar Cooker/Solar Water Heater)
- Energy Efficiency opportunities in Domestic sector (Including home appliances like water purifier, filters, Television, lights etc.)
- Energy Efficiency opportunities in Agriculture sector (Agricultural pumps and Pumping Systems: Pumps pumping systems comprising of water intake system including valves, pipes, pumps, water delivery system including pipe valves, water delivery system such as sprinkler, drip irrigation system)
- Energy Efficiency opportunities in Transport sector
- Energy Efficiency opportunities in Rural House hold sector
- Space conditioning (Residential & public buildings, commercial spaces, industries, public/private transport such as railway coaches, buses, ferries & others)
- Refrigeration (Refrigeration technologies for domestic/ commercial/industrial applications including, but not limited to refrigerators, freezers/deep freezers,

- water-coolers, milk chillers, Ice-lined refrigerators (ILR), marine and transport refrigeration)
- Electric Pumps, Industrial pumps [Application in industries, building municipalities (water supply and sewage disposal)]
 - Energy Efficient Motors

Participation

The innovation challenge is open for: All Technical/Non-Technical/General Students /Scholars and early career researchers across the State of M.P. Participants need to register themselves by sending filled registration form at innovation.mpuvn@gmail.com only. Project proposals along with copy right form are invited through both online/offline mode which is available at M.P. Urja Vikas Nigam Ltd. website: (http://mprenewable.nic.in/energyconservation/home/innovation_challenges_in_energy_systems).

Please submit your proposals on following address and E-mail id :

- (1) MP Urja Vikas Nigam Limited, Energy Management Cell, Urja Bhawan, Link Road No. 2, Shivaji Nagar, Bhopal, MP- 462016 E-mail: innovation.mpuvn@gmail.com
- (2) School Of Energy And Environment Management, Rajiv Gandhi Proudyogiki Vishwavidyalaya ,Air Port Road, Gandhi Nagar, Bhopal (M.P.)-462033 E-mail: head_soem@rgtu.net

(Application closing date is 30th April 2019)

Visit us at:

http://mprenewable.nic.in/energyconservation/home/innovation_challenges_in_energy_systems

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