



सत्यमेव जयते

महाराष्ट्र ऊर्जा विकास अभिकरण (महाऊर्जा)

महाराष्ट्र शासन

त्रिदलनगर समोर, येरवडा, पुणे ४११ ००६

Maharashtra Energy Development Agency (MEDA)

Government of Maharashtra

Opp. Tridal Nagar, Yerwada, Pune - 411 006.



Ref: Innovative Ideas/CR-81/2019-20/R&D/2257

July 8, 2019

To,

Director,
Directorate Of Technical Education, Maharashtra
State, Mumbai 3, Mahapalika Marg, Post Box No.
1967, Opp. Metro Cinema, Mumbai - 400 001.

Director,
Maharashtra State Board of
Technical Education, 49, Kherwadi,
Bandra (E), Mumbai - 400 051.

Director,
Vocational Education & Training Mahapalika
Marg Post box No.10036, Mumbai - 400 001.

Subject: Initiative for Innovative ideas for R&D projects on RE based technologies.

Sir,

Government of Maharashtra has established Maharashtra Energy Development Agency (MEDA) as the State Nodal Agency for promotion, propagation and development of renewable energy sources in the State. MEDA is also notified as the 'State Designated Agency' to implement the Energy Conservation Act. 2001 in the State.

The main objective of MEDA is:

- ✓ To propagate, promote and develop new and Renewable Sources of Energy Technologies & to implement energy conservation schemes.
- ✓ To encourage power generation through Renewable Energy Sources.
- ✓ To create mass awareness about the increasing need for energy conservation & use of renewable energy sources.
- ✓ To implement the renewable energy programmes of the State Govt. & the Ministry of New & Renewable Energy (MNRE) Govt of India.

In order to enhance the innovative work in field of Renewable Energy and Energy Conservation, MEDA is planning to make involvement of students from Engineering Diploma, Degree and Post Graduation level, courses like Electrical, Mechanical, civil & Electronics.

MEDA aspires to make over the likes of young budding students through their innovative ideas to contribute for research in their final year project activities. As an initiative for promotion of R & D activities in Renewable and Energy Conservation sector, MEDA has proposed the following activities that can be done at our end.

- Successful said projects / new ideas developed by students and prototypes of such projects can be supported by MEDA. MEDA may sponsor the selected projects which are eligible.

Prizes as a recognition can be given to best R & D work at institution level from Govt. of Maharashtra.

Projects considered under R & D activities will include the innovative projects related to Renewable Energy and Energy Conservation sector which should not be currently in practice.


Type Projects which can be covered:-

- Replacement of use of conventional energy by non – conventional (renewable) for a particular process/application.
- Use of particular technology in Solar/wind/biomass which leads to capital cost reduction per MW generation.
- Use of solar thermal energy for a particular industrial process/application which leads to reduction in fossil fuel consumption.
- Use of organic waste for projects which can be implemented at mass levels which are technically and economically viable.
- Utilization of Municipal Solid Waste and other waste byproducts of industries.
- Innovation in industrial water treatment technologies effectively and at cheaper cost.
- Innovative Energy Conservation/Energy Efficiency Projects for Electrical and Thermal Equipments.

The technical committee is proposed to be formed for scrutiny of received projects and methodology for selection of project. Committee members will be of sector experts of Renewable and Energy Conservation sector & you will be invited as a member of Committee.

In accordance with our above proposed concept, we request you to kindly directs (send a letter) to all colleges & provide the list to MEDA which will participate in our scheme with their innovative projects in Renewable Energy and Energy Conservation Sector from our end.

Yours faithfully,


(H. M. Kulkarni)

General Manager (R&D, Biomass, Small Hydro)