



NOW IS THE TIME TO ACT TOGETHER

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NORTH EAST RENEWABLE ENERGY RESEARCH LAB based in Jorhat is a research Centre designed for applied solar energy research which aims to undertake and promote projects for rural as well as urban areas of the country and Assam in particular. R&D activities will focus on new ideas that would lead to eventual solution of implementation and use of renewable energy and attain sustainable development of the country.



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NEWSLETTER

TABLE OF CONTENTS

Introduction • P. 1

Mission & Vision • P. 2

Our Projects • P. 3

Network & About CEO • P. 4

Our Collaborations • P. 5

Training & Distribution • P. 6

Mission Vision



- Our mission is to initiate all activities in the field of Non-conventional Energy Sources like Solar, Wind, Biomass, Microhydel and Municipal Solid Waste etc.
- Tap the potential to generate energy for various uses either industrial or domestic and specially for the rural, hilly and border areas not connected with the conventional grid.
- We have zeal to develop and commercialise solar technologies suited for urban and tropical applications, and support industry development and the energy transformation towards higher solar adoption.



- Our vision is to become a leading non-conventional energy research institute in the world, contributing to global sustainable development.

OUR OBJECTIVES & VALUES

Renewable Energy sources and technologies have potential to provide solutions to the long standing energy problems being faced by India as well as Assam. The renewable energy sources like wind energy, solar energy, geothermal energy, biomass energy, small and mini hydro as well as fuel cell technology can be used to overcome energy shortage in India. To meet the energy requirement for such a fast growing economy, India in next 10 to 15 years will require an assured supply of 3-4 times more energy than the total energy consumed today. Renewable Energy is one of the options to meet this requirement.

Climate change has environmental, social, political, and economic repercussions. In view of the same steps to implement joint summit globally in different phases is aimed to be implemented. **To fight the Global Crisis NERERL has launched it's maiden Climate Change Summit INSORE 2023 scheduled in two phases in Dubrovnik, Croatia and Assam, India** where worldwide leaders and scientists will take part, such gatherings are continuum to a leading better tomorrow. We welcome one and all to join us and contribute to this growing chapter in whatsoever manner possible.



OUR PROJECTS

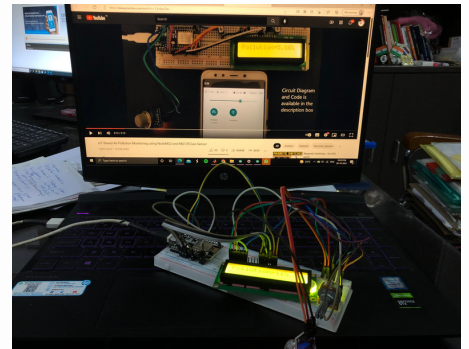
Technology for public benefits & social upliftment



Dual Axis Solar Tracker



Hybrid Food Dryer



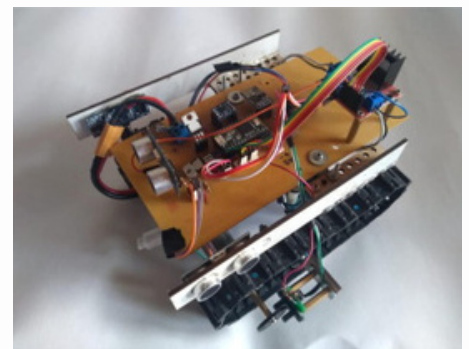
Mobile Air pollution Monitoring System



Dual powered incubator



Bee Venom Extractor



Staircase Assisted Wheelchair



Sun powered solution for fresh potable water



Pest control device



Solar panel cleaning Robot

And many more ...

OUR GROWING NETWORK

- University of Warwick, UK
- Newcastle University, UK
- Massachusetts Institute of Technology, US
- Harvard University, US
- ETH Zürich, Switzerland
- National University of Singapore (NUS)
- Saint Petersburg Electrotechnical University (ETU "LETI"), Russia
- University of Zagreb, Croatia
- University of Split, Croatia
- Indian Institute of Technology Guwahati, India
- National Institute of Technology Arunachal Pradesh, India
- Assam Energy Development Agency, India
- Directorate of Technical Education, Assam, India
- Assam Engineering College, India



ABOUT THE CEO

Er. Prakash Singh

Er. Prakash Singh is the Director of The North East Renewable Energy Research Lab, NERERL. Before taking over NERERL he was the CEO of Edupacked which is a platform for high achieving undergraduates from Indian Institutions to explore opportunities worldwide in the form of Overseas Internship. Edupacked offered as many as 150 students with full fellowship in world class universities. He holds a B.Tech degree from National Institute of Technology (NIT, Silchar) in Mechanical Engineering. His research focus is on photovoltaic materials, devices and modules. He has worked very closely with worldwide researchers and professors in similar field. He aims to provide the real life solution for Clean Energy Future by implementing its r&d skills to improve the energy performance across the states of Assam where villages can mostly avail the benefits.



Our Collaborators -



Training & Distribution of Inventories

