

## Registration Form

### Workshop on

**Recent Trends in Renewable Energy Technologies for Sustainable Future with Special Reference to NE India (RTRET-2016)**

October 28-29, 2016

1. Name.....
2. a) Age ..... b) Sex: M/F.....
3. Present Position .....
4. Affiliation .....
5. Address for Correspondence .....
- E-mail:.....
- Phone/Mobile.....
6. Area(s) of Interest .....
- 7.a) Date and Time of Arrival .....
- b) Date and Time of Departure .....
- Date.....
- Place .....

Signature of the Applicant

Signature of the HOD/ Director



### About the Institution

The Ministry of Human Resources Development, Govt. of India established NIT Mizoram in the year 2010 in the state of Mizoram with an objective to impart Education, Research & Training leading to B.Tech, M.Tech, M.Sc & Ph.D degrees. This Institute has been declared as an Institute of National Importance by an Act of Parliament. Here the students are admitted through All India Entrance Exam- Joint Entrance Exam (JEE Main). NIT Mizoram is an Institute situated in the scenic beauty of Mizoram, wrapped between clouds and mountain rocks, which add to its beauty. Being amongst the most educated states of our country with a literacy rate of 91%, it beholds a very peaceful and calm environment suitable for studies. The Institute, to cope with the present competitive needs, comprises of laboratories with the latest equipment and installed with best & latest software.

### How to Reach

Aizawl can be reached by Air via Kolkata / Guwahati. The NIT Mizoram is approximately 35 km far from Lengpui (Aizawl) Airport. Silchar is the nearest railway station to Aizawl. The journey (by road) from Silchar to Aizawl may take approx. 5 hrs. Private Buses (Network, Capital, etc.) are available from Guwahati. The journey from Guwahati to Aizawl by Bus is approx. 24 hrs.

### Workshop on

**Recent Trends in Renewable Energy Technologies for Sustainable Future with Special Reference to NE India (RTRET-2016)**

October 28-29, 2016



### Organized by

**Department of Mechanical Engineering  
NIT Mizoram, Chaltlang, Aizawl – 796012  
Mizoram, India  
[www.nitmz.ac.in](http://www.nitmz.ac.in)**

### Technical Co-Sponsor



GOVERNMENT OF INDIA  
**MINISTRY OF NEW  
AND RENEWABLE ENERGY**

## Introduction

Energy is the driving force behind all economic activities. Consequently the ever increasing population and the associated energy requirements to meet the increasing living standards have become matters of great concern. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have become extremely important factors needing immediate attention. In this context, several schemes have been proposed for developing New and Renewable Energy Technologies. Renewable Energy sources like Water, Wind and Biomass etc. are abundantly available in the NE region of India which offers a great potential and cost effective alternative for power generation. But, these sources are either untapped or are being used inefficiently. With this background, a workshop on “**Recent Trends in Renewable Energy Technologies for Sustainable Future with Special Reference to NE India (RTRET-2016)**” is being organized for middle level Practicing Engineers, and Personnel from Teaching and R&D Institutions.

## Who can Attend

Faculty, Scientists, Research Scholars, Students and Persons from Industries.

## Registration Fee

There is no Registration Fee to attend this workshop.

## Accommodation

Accommodation may be arranged based on request on payment basis for limited participants.

## Course Contents

The sessions include lectures by experts from Premier Institutions like IITs, NITs, Central Universities and Professional from Industries. The topics covered are:

- ❖ **Bioenergy Conversion Technologies**
- ❖ **Wind Energy Harvesting Techniques**
- ❖ **Sustainable Hydropower**
- ❖ **Biofuels - Alternative Energy**
- ❖ **Sustainable/ Green Buildings**
- ❖ **Climate Change and its Environmental Impacts**

## Objectives

The prime objective of this workshop is to educate/acquaint the participants with recent developments in Renewable Energy Technologies especially in Hydro Power, Wind Energy and Biomass Energy Conversion etc. To communicate the recent developments in the usage of Renewable Energy for Sustainable Development, Waste Management etc. and to identify the research areas in the field of Sustainable Energy. Attending this course will be of great benefit to the Faculty members by familiarizing themselves with the state of the art in Energy Technologies and planning long-term research programmes. For working Engineers and Scientists, the programme will open up new vistas for the application of Advanced Renewable Energy Technologies and also they can identify topics for future Research and Development.

## How to Apply

Participants willing to attend the workshop should to submit the completed Registration Form through proper channel by **October 20, 2016** to the Coordinators. Confirmation of selection would be sent to participants by E-mail.

## Patron

Prof. (Dr.) Gopal Mugeraya  
Director, NIT Mizoram

## Coordinator

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## Co-Coordinator

Dr. Bachu Deb  
Assistant Professor, ME Dept.

Dr. Bidesh Roy  
Assistant Professor, ME Dept.

Dr. Basil Kuriachen  
Assistant Professor, ME Dept.

## Organizing Committee

Mr. Saurav Suman,  
Trainee Teacher, ME Dept.

Mr. Ricky Lalthazula  
Trainee Teacher, CE Dept.

Ms. S. Vipej Devi  
Trainee Teacher, CE Dept.

Mr. Lalchhuanawma  
Technician, ME Dept.