

**TEQIP II Sponsored  
Faculty Development Program  
On  
Renewable and Non Renewable  
Energy Sources**

**Registration Form**

Name: .....

Designation: .....

Department: .....

Academic/Industry: .....

Address: .....

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.....

.....

City & Pin: .....

E-mail id: .....

Contact No: .....

Bank: .....

Amount: .....

DD No. & Date: .....

Place: Signature

Date:

**Declaration**

I..... agree to abide by the rules and regulation governing the training programme, The information provided herewith is true to the best of my knowledge.

Place: Signature

Date:

Forwarded/Recommended

Signature with Seal  
Head of the institution

***Invited Speakers from***

IIT, Chennai.  
IISC, Bangalore.  
Anna University, Chennai  
NIT, Trichy  
NIT, Surathkal  
BHEL, Trichy  
Tamil Nadu Energy Development Agency  
PCRA, New Delhi  
Neyveli Lignite Corporation  
TANGEDCO  
Confederation of Indian Industry (CII)  
Bureau of Energy Efficiency (BEE)

**Participants**

Faculty members from universities, affiliated/ autonomous Institutes of the country, working professionals and researchers.

**Date to Remember**

Last date for registration: **14.08.2013**

**COURSE FEE DETAILS:**

Registration Fees: Rs.500 per Participant

The payment should be made by DD drawn in favour of **“Dean, BIT Campus, Anna University, Tiruchirappalli”** payable at Tiruchirappalli.

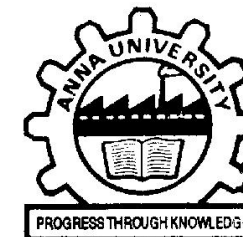
**Contact:**

The Coordinators (RANRES'13),  
Department of Petrochemical Technology  
Anna University, BIT Campus,  
Tiruchirappalli - 620 024  
Email : **autpct13@gmail.com**  
Phone :9976577636, 0431-2407983

**TEQIP II Sponsored  
Faculty Development Program  
On  
Recent Trends in Renewable and  
Non Renewable Energy Sources**

**(RANRES'13)**

**26<sup>th</sup> August- 1<sup>st</sup> september 2013**



Organized by

**Department of Petrochemical Technology  
Anna University, BIT Campus,  
Tiruchirappalli - 620 024**

### **Anna University, BIT Campus, Tiruchirappalli**

Anna University, BIT Campus, Tiruchirappalli, has been established by the Government of Tamil Nadu as a 'Technical Institution' at Tiruchirappalli - known as Rock Fort city, with rich cultural heritage and home to many reputed educational institutions. The BIT institution is one of the constitution college of Anna University, Chennai. The Institution is established with a view to impart quality student centered technical education, so as to produce proven technocrats and to strive hard for continuous development and improvement in learning, research and developmental activities. Teaching, Research and Extension services are carried through the Departments and Centers of the Institution. The Institution also works towards fostering partnerships with academic and industrial experts to provide quality education and opportunities for entrepreneurial development by providing hands-on training. BIT has carved a niche for itself in providing technical education in the disciplines that are rare of their kind in our country. Aiming at excellence, the Institution offers Research programmes in English and UG/PG programmes in various disciplines

#### **Department of Petrochemical Technology**

The Department of Petrochemical Technology, Anna University-BIT Campus, Tiruchirappalli was established in the year 1999 as one of the specialized Departments of Anna University - BIT Campus, Tiruchirappalli with a view to impart high quality technical education. Its mission is to craft the young students as energetic engineers endowed with pragmatic skills so that they can boldly face the challenges of the technical world. The Department offers a B.Tech programme in Petrochemical Technology, M.Tech programme in Energy Conservation and Management and M.S. (Research) / Ph.D in chemical, petrochemical and energy related areas.

### **About the Course**

Currently the global economy is highly depends upon fossil fuels as the primary source of energy. Though India being a tropical country blessed with lot of sunshine and other renewable energy sources, however till today we depend more than 95 % of our energy sources from fossil fuels & the remaining is met through renewable energy sources. The ever growing energy demand and fast depleting fossil fuels reserves coupled with environmental degradation forcing us to opt for renewable energy sources as a viable alternative to meet our future energy demand. The development of bio-fuels and all advantages associated with them made more lucrative to the agrarian economy of India. Hence it is quite imperative to discuss & deliberate on the details like infrastructure requirements, technology and other facets of tapping effectively the renewable energy sources as an alternate & viable energy source of meeting our energy future.

This FDP envisages to bring people active in this theme area on a common platform & to identify present needs as well as to give holistic approach for a sustainable development. Also the FDP aims at equipping teachers with skills and knowledge in order to create a better society by guiding, training and motivating the students to take up research projects.

#### **Tentative Topics to be covered:**

- ⊕ Hybrid Energy Systems
- ⊕ Combined Heat Power
- ⊕ Design of Solar Power Systems
- ⊕ Chemical and Biochemical conversion
- ⊕ Bio Fuels
- ⊕ H/P ratio Optimization Calculation in PP
- ⊕ Electrical Energy Equipments Audit
- ⊕ Energy Efficient Membranes
- ⊕ Pinch Technology (HENS)
- ⊕ Kinetic Studies
- ⊕ Discretization Schemes
- ⊕ Biogas Reactor Design
- ⊕ Solar, Wind & Biomass Energy

### **Organizing Committee**

#### **Chief Patron**

**Dr.M. RAJARAM, Ph.D.,**  
Vice Chancellor,  
Anna University,  
Chennai 600 025

#### **Patron**

**Dr.S.Ganesan**  
Registrar,  
Anna University,  
Chennai 600 025

#### **Chair**

**Dr. S. Muttan**  
Regional Director,  
Anna University Regional Office,  
Tiruchirappalli – 620 024.

#### **Co Chair**

**Dr.R. Krishnamoorthy**  
Dean, BIT,  
Trichirappalli-24.

#### **Coordinators**

**Dr. T. Sekar**, Prof., and Head,  
**Dr. N. Stalin**, Asst.,Professor,  
**Dr.S.Venkatesan**, Asst.,Professor  
Dept. of Petrochemical Technology.,  
BIT Campus,Anna University,  
Tiruchirappalli – 620 024.

#### **Organizing Committee Members**

Dr.M. Arulmozhi, Asst.,Professor  
Dr.N. Jaya, Asst.,Professor  
Mr.M. Rengasamy, Asst.,Professor  
Mr.K. Kumaraguru, Asst.,Professor  
Mrs.E. Gomathi, Asst.,Professor  
Mrs.K. Anbarasi, Asst.,Professor  
Mr.M. Kodeeswara Ramanathan,  
Scientific Officer