ONE WEEK AICTE TRAINING AND LEARNING “ELEMENTARY” ONLINE

FACULTY DEVELOPMENT PROGRAMME

Biomass to fuels, Chemicals and value-added products for sustainable energy and environmental future

20-24 DECEMBER 2021

Sponsored by AICTE, New Delhi under ATAL Academy

ORGANIZING COMMITTEE

Patron:
Dr. G. Kannabiran (Director i/c, NITT)

Chair Person:
Dr. M. Premalatha (Professor and Head)

Coordinator(s):
Dr. D. Ruben Sudhakar Dr. V.M. Jaganathan

Co-Coordinator(s):
Dr. T. Mathimani Dr. N. Kalaiselvan

Dr. Godwin Glivin Dr. Karthik D

Department of Energy and Environment
National Institute of Technology Tiruchirappalli
Tiruchirappalli – 620015
Tamilnadu, India
About the Institution:

The National Institute of Technology (formerly Regional Engineering College) Tiruchirappalli was established as a joint venture of the Government of India and the Government of Tamil Nadu in 1964. The institute was granted Deemed University status with the approval of the UGC / AICTE and Government of India in 2003 and renamed as National Institute of Technology, Tiruchirappalli (NIT-T). NIT-T has been declared as institution of national importance by National Institute of Technology act 2007. National Institute of Technology, Tiruchirappalli has carved a mark on the National scene last year by being ranked first among all the NITs and 9th among all the engineering institutes in the country by the Institute Ranking framework (NIRF) of the Government of India. The Institute received High impact Entrepreneurship Campus Award jointly awarded by the Ministry of Skills Development and Entrepreneurship. The Institute now offers ten under-graduate programmes and thirty-one postgraduate programmes in various disciplines of Science, Engineering and Technology besides Ph.D. programme in all the departments.

About the Department

Department of Energy and Environment (DEE), formerly Centre for Energy and Environmental Science and Technology (CEESAT) was established at Regional Engineering College (present-day NITT) in 1995, under the auspices of UK – India RECs Project: Energy Theme. DEE is housed in an energy efficient building with least carbon foot print for both its building and operation. DEE harbours an NABL accredited calibration lab and ISO 9001:2008 certified state-of-the-art laboratories equipped with sophisticated instruments and software, with the objective of catering to academic and industrial research needs. DEE aids high-spirited research and teaching in the areas of sustainable energy technologies, environmental pollution control, energy and environmental audit. The consultancy services offered include solid and liquid testing, calibration and energy auditing of industries and academic institutes.

Broad course content
- Biomass
- Biomass conversion technologies
- Biofuels
- Biochemicals
- Value-added products from biomass
- Waste to energy
- Sustainability

Targeted participants

The FDP is open to the faculty of AICTE approved Institutions, researchers, master’s degree students, participants from Industry, staff and students from host Institute.

Details about Registration

Use the online link: https://atalacademy.aicte-india.org/signup

For the registered participants, preference will be given on First Come First Serve basis. So that Maximum 200 participants will be invited.

Contact Details:
Dr. D. Ruben Sudhakar
Department of Energy and Environment, NIT Trichy, Tamilnadu – 620 015, India. Mob : +91 9481208902 / +91 8848190490 rubensudhakar@nitt.edu

Resource Persons

1. Dr. Ajit Kumar Kolar  
   Retired Professor  
   Department of Mechanical Engineering  
   IIT Madras

2. Dr. Sridharan Ramaswamy  
   Professor  
   Department of Bioproducts and Biosystems Engineering  
   University of Minnesota , USA

3. Dr. Reena Pandit  
   Associate Professor  
   Center of Energy Biosciences, Institute of Chemical Technology, Mumbai

4. Dr. Eldon R Rene  
   Department of Environment Engineering and Water Technology  
   Resource Recovery Technology, UNESCO-IHE Delft Institute for Water Education, The Netherlands

5. Dr. Gopalakrishnan Kumar  
   Department of Chemistry  
   Faculty of Science and Technology  
   University of Stavanger, Norway

6. Dr. Ramkrishna Sen  
   Associate Faculty  
   P K Sinha Center for Bioenergy & Renewables  
   IIT Kharagpur

7. Dr. A. Lawrence  
   Scientist (Retd.), BHEL, Tiruchirappalli

8. Mr. V. Ramakrishnan  
   Vivekananda Kendra - NARDEP, Kanyakumari

9. Dr. P. Shanmugam  
   Sr. Principal Scientist  
   Head & Prof. - AcSIR Environmental Science Lab  
   CSIR-Central Leather Research Institute, Adyar, Chennai – 600 020

10. Dr. S. Joseph Sekhar  
    Department of Engineering  
    University of Technology and Applied Sciences-Shinas, Oman

11. Dr. C. Mani  
    Empanelled auditor at Bureau Veritas India Limited and Retired General Manager from BHEL  
    Ranipet, Tirunayam

12. Dr. M. Premalatha  
    Professor  
    Department of Energy and Environment  
    NIT Tiruchirappalli

13. Dr. Ruben Sudhakar D  
    Assistant Professor  
    Department of Energy and Environment  
    NIT Tiruchirappalli

14. Dr. V. M. Jaganathan  
    Assistant Professor  
    Department of Energy and Environment  
    NIT Tiruchirappalli