# 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







Department of Energy and Environment National Institute of Technology Tiruchirappalli Tiruchirappalli – 620015 Tamilnadu, India

# ORGANIZING COMMITTEE

# **Patron:**

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



# **Chair Person:**

Dr. M. Premalatha (Professor and Head)



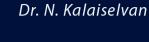
# Coordinator(s):

Dr. D. Ruben Sudhakar Dr. V.M. Jaganathan



# **Co-Coordinator(s):**

Dr. T. Mathimani







Dr. Godwin Glivin

Dr. Karthik D





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# **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:**

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### **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 Kharaapur

#### 7.Dr.A.Lawrence

Scientist(Retd.),BHEL, Tiruchirappalli

#### 8. Mr. V.Ramakrishnan

Vivekananda Kendra - NARDEP, Kanyakumari

#### 9. Dr.P. Shanmugam

Sr. Principal Scientist
Head & Drift Professor - 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, Tirumayam

#### 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

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