

ABOUT THE ATAL ACADEMY

AICTE Training and Learning (ATAL) Academy is established with the vision “To empower faculty to achieve goals of Higher Education such as access, equity and quality”. AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of faculties and students to make them more employable to acquire global competencies.

ABOUT THE COLLEGE

Thangal Kunju Musaliar College of Engineering is one of the premier institutions of national and international repute. It was established in 1958 as the first grant-in-aid Engineering College in the State of Kerala by the late Janab A. Thangal Kunju Musaliar, an Industrialist, Philanthropist and a great visionary. Started with three branches and 120 students, the college now admits more than 1000 students in the 8 UG, 13 PG and PhD Programmes in Engineering including Master of Computer Applications. The institute has organized several symposia, seminars, conferences and workshops of national and international importance. The campus is located 5 km away from Kollam aside NH 744 and 70 km from Trivandrum International Airport.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering established in the year 1980, offers B.Tech in Chemical Engineering (NBA Accredited) and M.Tech in Industrial Safety and Engineering. The department is an approved research centre for PhD under QIP. The department has excellent faculty profile from various premeir institutions in India .The Chemical Technology and Environmental Engineering laboratory of the department is an accredited laboratory of Kerala State Pollution Control Board. Alumnus of the department are working in various prestigious organizations all over the world. Professional societies like AIChE, IChE, IEI and Chemical Engineering Association are fabulous platforms to coordinate the skill development programmes, seminars, workshops etc.

OBJECTIVES OF FDP

The program aims to teach participants about the latest development in sustainable engineering and carbon neutrality. This program will support young educators, researchers, and other professionals working in the field of sustainability and carbon emissions. This FDP aims to address the topics related to climate change, carbon neutrality, green hydrogen initiatives, renewable energy etc.



AICTE Training and Learning (ATAL) Academy

SPONSORED
FACULTY DEVELOPMENT
PROGRAMME ON
**Sustainable Engineering and
Carbon Neutrality**

25.08.2025 to 30.08.2025

Application No. 1749718797



organized by

Department of Chemical Engineering
TKM College of Engineering
Kollam, Kerala - 691005
(Govt. Aided & Autonomous)

"No Charge for Registration,
Course and Certification"

SIGNIFICANT TOPICS COVERED

- Climate Change and Carbon Neutrality
- Hydrogen Economy – Global Perspective
- Low carbon governance in electricity sector
- Biomass Waste Management for Sustainable Agriculture
- Forest Management for Carbon Benefits
- Energy transition in India
- Sustainable Solutions for Cooling Potable Water Production and Desalination
- Low carbon - Future Fuels
- Circular Bioeconomy
- Energy Efficient Building Products
- Role of renewable energy in achieving sustainable development goals (SDGs)

WHO CAN PARTICIPATE ?

The faculty members, Research scholars and PG Scholars of the AICTE approved institutions and Industry Personnel

GUIDELINES

- ATAL FDPs are completely free for participants. No Charge for Registration, Course and Certification.
- A test will be conducted by the coordinators at the end of the program.
- The certificates will be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 70% marks in the test.
- E-Certificates can be downloaded in AICTE ATAL website or will be sent through e-mail to all the registered eligible participants.
- Registration is online through ATAL portal
- A maximum of 200 participants may be allowed to attend on a first come first serve basis.

REGISTRATION PROCEDURE

- There is no registration fee to attend this program.
- The program will be in online mode. Registration must be completed only through the AICTE-ATAL Academy. Interested members must visit <https://www.aicte-india.org/atal> and register by providing all their personal and student / employment details.

COORDINATOR



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RESOURCE PERSONS



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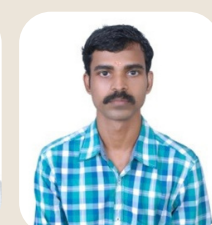
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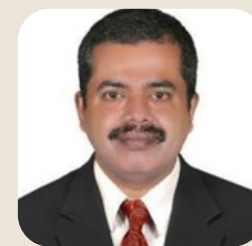
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