

**DEPARTMENT OF CHEMICAL ENGINEERING**

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
1.	Dr. N. ANANTHARAMAN Professor (HAG)	Fluidization, Alternate fuels, Effluent treatment, Energy storage
2.	Dr. T. K. RADHAKRISHNAN Professor (HAG)	Process Systems Engineering, Process Control
3.	Dr. P. SIVASHANMUGAM Professor (HAG)	1) Process Engineering, Modeling and Control 2) Thermal Engineering and Fluid Technology 3) Biochemical and Bioprocess Technology 4) Bioenergy, Environmental Engineering and Nanotechnology
4.	Dr. J. SARAT CHANDRA BABU Professor (HAG)	Computational fluid dynamics, Multi-phase flow (gas-liquid)
5.	Dr. M. ARIVAZHAGAN Professor	Environmental Engineering, Nano Technology, Multiphase Flow & Heat transfer
6.	Dr. G. ARTHANAREESWARAN Professor	Membrane separation, process design, Project engineering, wastewater treatment
7.	Dr. P. KALAICHELVI Professor	Heat Transfer Augmentation, Effluent Treatment, Crystallization
8.	Dr. K. M. MEERA S. BEGUM Professor	Functional materials, Separation processes, Biofuels, Drug delivery
9.	Dr. MUTHUKUMAR K Professor	Development of methods for the pretreatment of lignocellulosic biomass, energy efficient separation of small molecules, electrochemical/biochemical production of hydrogen, and electrochemical treatment of pollutants

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
10.	Dr. A. ARUNAGIRI Associate Professor	Transfer Operations, Biofuel
11.	Dr. M. MATHESWARAN Associate Professor	Wastewater treatment, Electrochemical engineering, Nanoparticle synthesis, Design and development of hybrid system for pollution control, Microbial fuel cell
12.	Dr. M. PERUMALSAMY Associate Professor	Separation of Proteins using aqueous two-phase system, Computational Fluid Dynamics, Biofuels, Waste water Treatment
13.	Dr. S. SARAVANAN Associate Professor	Biochemical Engineering, Energy and Environmental engineering
14.	Dr. K. N. SHEEBA Associate Professor	Alternative fuels, Renewable energy, Industrial safety
15.	Dr. T. SIVASANKAR Associate Professor	Sonochemical processes. Advanced oxidation technologies. Environmental pollution control Nanoparticle synthesis. Biofuel synthesis.
16.	Dr. N. SAMSUDEEN Assistant Professor	Chemical Engineering (Microbial Fuel Cell, Wastewater Treatment, Biodiesel Production)
17.	Dr. VIRIVINTI NAGAJYOTHI Assistant Professor	Optimization, optimization under uncertainty, fuzzy logic, Process control