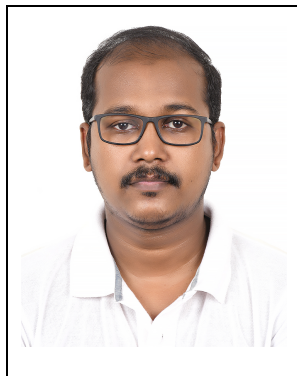


DHANEESH K P

Assistant Professor



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Professional Qualifications		
B.Tech	Specialization	Chemical Engineering
	Institute/University	University of Calicut
	Year	2009
M.Tech	Specialization	Computer Aided Process Design
	Institute/University	University of Calicut
	Year	2013
PhD	Ongoing	

Research Interests

Process Intensification, Carbon capture, Computational Fluid Dynamics

Software Expertise

ANSYS CFX, ANSYS Fluent, ASPEN PLUS, HYSYS, UNISIM, DWSIM, MATLAB, Scilab, LaTeX, C/C++ programming

Professional Experience

System Engineer, Infosys Technologies Limited, 6 months

Guest Lecturer, Government Engineering College, Kozhikode, 3 years

Project Assistant, CSIR-NIIST, Thiruvananthapuram, 1.5 years.

International Conferences organized

Course Name	Organized By	Sponsoring Agency	Period	No of days
International Conference on Process Engineering and Sustainable Technology under the aegis of Yukthi 2023	GEC Kozhikode	TEQIP	10-04-2023 to 12-04-2023	3

FDP's organized

Course Name	Organized By	Sponsoring Agency	Period	No of days
Open-source software tools for engineering and research	GEC Kozhikode	DTE	30-01-2023 to 04-02-2023	6

Training Details

Course Name	Conducted By	Sponsoring Agency	Period	No of days
Recent developments in nano Research and Nanomaterials for future applications	GEC Thrissur	TEQIP	20-03-2023 to 25-03-2023	6
Carbon Capture Utilization and Storage:	GEC	ATAL	13-12-2021 to	5

Opportunities and Challenges	Kozhikode		17-12-2021	
Computational Methods in Engineering: Applications in Research & Industry	GEC Kozhikode	DTE	05-01-2022 to 12-01-2022	6
Waste to Energy	GEC Kozhikode	DTE	19-01-2022 to 25-01-2022	6
Aspen Plus® simulation software - a basic course for beginners	NPTEL	NPTEL	January 2022 to April 2022	12 Weeks
AICTE Student Learning Assessment-PARAKH	AICTE	CIDC	13-04-2022 to 14-05-2022	-
Orientation Towards Technical Education and Curriculum Aspects	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Professional Ethics & Sustainability	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Communication Skills, Modes & Knowledge Dissemination	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Instructional Planning and Delivery	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Technology Enabled Learning & Life Long Self Learning	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Student Assessment and Evaluation	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Creative Problem Solving, Innovation and Meaningful R & D	NITTTR	NITTT	April 2022 to May 2022	8 Weeks
Institutional Management & Administrative Procedures	NITTTR	NITTT	April 2022 to May 2022	8 Weeks

Publications

International Journals

1. **K. P. Dhaneesh**, Panneerselvam Ranganathan, A comprehensive review on the hydrodynamics, mass transfer and chemical absorption of CO₂ and modelling aspects of rotating packed bed, *Separation and Purification Technology* (IF: 9.136)

International Conference

1. **Dhaneesh K P**, Panneerselvam Ranganathan, “Experimental investigations on the hydrodynamics and mass transfer characteristics of Rotating Packed Bed for CO₂ absorption”, Environmental Benign Processes, Products and materials for Sustainable Ecosystem (EBPPM 2021), NIT Tiruchirappalli

National Conference

1. **K.P. Dhaneesh**, S. Savithri, M.S. Manju, "Effect of secondary air distribution in a direct reduction rotary kiln", 1st National Conference on Advanced Trends in Chemical Engineering - ATCE 2013, 26-28 September 2013, GEC Thrissur

Dhaneesh K P

Kozhikode

18-04-2023