

ASWATHI C P
ASSISTANT PROFESSOR



CONTACT DETAILS

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PROFESSIONAL QUALIFICATIONS

B-Tech	Specialization	CHEMICAL ENGINEERING
	Institute/University	CALICUT UNIVERSITY
	Year	2013
M-Tech	Specialization	COMPUTER AIDED PROCESS DESIGN
	Institute/University	CALICUT UNIVERSITY
	Year	2015

AREAS OF INTEREST

Process Intensification, Heat Transfer, Mass Transfer

PROFESSIONAL EXPERIENCE

- Worked as project trainee at **CSIR National Chemical Laboratory Pune** for 9 months.
- Worked as guest lecturer at **Govt.Polytechnic college Westhill** for 1 month .

PROJECT/CONSULTANCY

- Completed M Tech project work at **CSIR-NATIONAL CHEMICAL LABORATORY PUNE-411008** under the guidance of Dr.S.Mayadevi (Chief scientist, CEPD division) and Dr.Praphulla N.Joshi (Principal Scientist, catalyst pilot plant).

The work is about the synthesis of Ti containing micro/ meso porous catalyst (Ti-MFI/MCM-41) of different Si/Ti ratio of 40, 60, 90,120, their characterization and performance in oxidation reaction (cyclohexene oxidation by hydrogen peroxide).

- Completed B.Tech project at **FACT ERNAKULAM**. The work is about the detailed study on manufacturing process of caprolactum, material balance of the plant and energy balance of shell and tube condenser. And a detailed design of horizontal shell and tube heat exchanger including its mechanical design and cost estimation of the plant.