

NEETHU T J

Chemical Engineer

+91-8129248122 | neethutj96@gmail.com | neethutj1996@iitkgp.ac.in | Rejitha Nivas,

Vellakkaparambil, Edappally P. O. Cochin- Kerala 682024, India |

Education

Year	Degree/Course	Institute	CGPA/Percentage
2021	Master of Technology (M.TECH) in Chemical Engineering	Indian Institute of Technology, Kharagpur	8.94/10 (Ongoing)
2018	Bachelor of Technology (B.TECH) in Chemical Engineering	T. K. M. College of Engineering (University of Kerala)	8.33/10(First class with distinction)
2014	12 th Std	Bhavan's Adarsha Vidyalaya, Kakkanad- CBSE	95.4%
2012	10 th Std	Bhavan's Adarsha Vidyalaya, Kakkanad- CBSE	9.8/10

Skills and Expertise

Software: MATLAB | Aspen Plus | Ansys | MS Office | SQL

Programming: C++/C

Project

M.Tech project(On-going work) Topic: Review on Nickel ferrite nano-composites for the catalytic reduction of nitrophenolic compounds, modeling of heterogeneous non-isothermal reactor and modeling and simulation of fixed bed adsorber.

B.Tech main project-Topic: Preparation of gasohol using bio-ethanol from sugarcane bagasse

In this project work, ethanol was produced from sugarcane bagasse. This ethanol produced is blended with gasoline in varying proportions and the properties of the fuel were studied. The best ethanol blend was found out.

B.Tech mini project-Topic: Decolorization of textile effluent using activated carbon from mango kernels activated by zinc chloride

In this work activated carbon was prepared from mango kernels. Study was done by varying adsorbent dosage, contact time to find the optimum concentration of adsorbent for dye removal.

Conference

Participated and presented a paper in 13th annual session of SCHEMCON-2017 held by NIT Rourkela

Position of responsibility

- Career guidance and placement cell coordinator of chemical engineering dept. during 2017-18
- Event coordinator at National level technical fest Conjura 2017
- Event coordinator at chemical symposium RAASA 2017
- Event coordinator at cultural fest Rithu'16

Extra-curricular activities

Active member of Indian institute of chemical engineering (IIChe) student's chapter
Volunteer at various technical and cultural fest