

SANU T JOHN

CHEMICAL ENGINEER

A chemical engineering graduate with experience as an instructional designer with a unique skill set that combines technical knowledge with the ability to design and effectively convey it to others. Excellent problem-solving and resourcefulness to meet project goals and timeliness.



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EDUCATION

HIGH SCHOOL

Little flower english medium high school
kollam kerala

02/2015 90%

HIGHER SECONDARY

Govt boys higher secondary school
kottarakara kollam

2015 - 05/2017 78%

CHEMICAL ENGINEERING

Saintgits college of engineering Kottayam
Kerala

07/2018 - 07/2022 7.5 CGPA

EXPERIENCE

Student Internship

Ecodew

07/2019 - 08/2019 KOCHI

Internship in wastewater treatment and chemicals used in the treatment. An analyzed process like filtration, aeration, activated sludge removal, disinfection, etc.

Subject Matter Expert

Tech curators

07/2022 - 04/2023 INDIA

Led the development and project management of several projects in material science, Metals and Mining, manufacturing, and other chemical engineering topics.

Project Manager

NimbleTech

09/2022 - Present India

Worked with projects for Edtech and IT firms. Collaborating with a culturally diverse team across continents, self start and prioritizing while juggling tasks and the ability to work under tight deadlines and budgets.

Instructional Designer

Learning mate

11/2022 - Present INDIA

Authoring, reviewing, and signing-off courses for multiple domains in US education system. Liaising and collaborating with SMEs in the US to produce engaging and media-powered learning content, Solved various problems raised by Learning development specialists of diverse projects,

SKILLS

Microsoft Word

Excel

Presentation

Ispring

circular economy

Curriculum design

Communication

Project Management

PERSONAL PROJECTS AND SEMINARS

Electrifying Transportation (09/2021 - 10/2021)

- In this project, we analyzed the improvement in electric vehicles and ways to improve the use of EVs and studied motors, batteries, and solar panels used in EVs also studies EVs like Tesla, Lightyear, etc. This was a part of the competition at IIT Bombay and we were in the top ten participants list.

Design and analysis of Sulfur Dioxide removing unit in automobiles (09/2020 - 10/2021)

- Making a suitable design alternative unit for automobile exhaust pipes which is capable of absorbing harmful sulfur contents through effective mass transfer and producing less harmful exhaust gases.

Production of fuel from waste plastics using pyrolysis process (09/2021 - 05/2022)

- This project is done as part of my final year project, Production of fuels using different types of plastics Polyethylene (PE), Polystyrene(PS), polypropylene (PP), etc, and also developed simulation using aspen hysys to find the most effective fuel among this.

Seminar on Carbon capture and storage (CCS) (10/2020 - 07/2021)

- Seminar on three major components of CCS. Carbon capture, Transport, and Storage

CERTIFICATES

Engineering Design for Circular Economy (10/2021)

EDX- UNIVERSITY OF DELFT

Excel for Beginners (09/2021)

Great learning

Business Analysis and Process Management (04/2021)

Coursera

Safety in the Utility Industry (04/2021)

University at Buffalo

Control of substances hazardous to health regulations (07/2020)

INTERESTS

TREKKING

DESIGNING

TECHNOLOGY

SIMULATIONS

READING

HIKING

RESEARCH