**GREESHMA S**

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**Kerala, India**

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**Career Objective:**

I would like to work with a reputed organization, where I can utilize my knowledge and skills in the field of **Chemical Engineering** for the growth of organization and thereby to enhance my knowledge base & sharpen my skill set.

**Skills:**

* Excellent familiarity with Process Design and Chemical Engineering Processes.
* QA/QC
* Familiar with Quality food standards.
* Expertise in analytical instruments like Rheometer, UV-Vis Spectrometer, FT-IR, GCMS.
* High research and analytical skills.
* Strong analytical, problem-solving and decision-making capabilities.
* Technical and report writing/presentation.
* Proficiency in CHEMCAD, MATLAB, ANSYS, ASPEN, MS Office.

**Work History:**

* **Quality Assurance / Quality Control (In charge)**

 Dec 2018 – Present

 Company: Lora Natural Flavours Palakkad, Kerala,India(Spices Extraction)

 **Job Responsibilities:**

* Approve incoming raw materials by confirming specifications, conducting test and rejecting and returning unacceptable materials.
* Performs analysis of raw material sample, finished products, intermediate, and development sample according to current analytical procedures, SOP’s and laboratory guidelines in an accurate manner.
* Maintained quality control objectives and coordinated with managers the production procedures to maximise quality.
* Maintain proper records of quality test, procedures and standards.
* Ensures employees are following all Food Safety and worker safety practices.
* **Research Intern (**Dept. of Chemical Engineering)

Dec 2016 - June 2017

Company: Indian Institute of Technology Bombay (IIT Bombay), Mumbai, India

**Job Responsibilities:**

* Worked on the project based on “Rheological characterization of fatty acids”.
* Responsible for research activities for developing and testing new products.
* Conducted research and process tests utilizing laboratory tools in rheology, fatty acids, surfactants, and crude oil.
* Operated and maintained analytical instruments such as Rheometer, UV-Vis Spectrometer, Centrifuges.
* Analysed organic and inorganic compounds to find their chemical properties and experimental results.

**Educational Qualification:**

* **Master of Technology (M.Tech)–**Chemical Engineering(Computer Aided Process Design) Government Engineering College Kozhikode, Kerala, India – 2017

CGPA- 8.83out of 10(**Top 10% of class**)

* **Bachelor of Technology (B.Tech) –** Chemical Engineering

Government Engineering College Kozhikode, Kerala, India – 2015

CGPA- 7.38out of 10

* **Higher Secondary (Plus two)** from Bharathmatha HSS, Palakkad (Kerala State Board) with **90%** in 2011.
* **SSLC (10th)** from Assisi EMHSS, Palakkad (Kerala State Board) with **95%** in 2009.

**Projects:**

* **M.Tech Thesis:“**Rheological Characterization of Fatty acids**”**

Rheological behaviour of fatty acid in hydrocarbon oil and surfactants were studied.

* **B.Tech Project** **:** **“**Study and Design of Pilot Plant for Biodiesel Production**”**

Designed biodiesel pilot plant and various process equipments with the guidance of R&D Dept. **Kochi Refinery-BPCL**. Scaled up Process Flow Diagram (PFD) and simulated reactive distillation column using CHEMCAD.Composition analysis like FT**-**IR, GCMS and engine efficiency test were done for the biodiesel produced from chicken waste.

**Achievements:**

* Received **Best Paper Award** for “Experimental setup of production of biodiesel from chicken wastes by alkali-based transesterification” on **National Conference**, 2014.
* Project entitled “Production of biodiesel from chicken waste*”* was approved by Centre for Engineering Research and Development(**CERD**) Kerala, India.

**Personal Information:**

Date of birth : July 31, 1993

Sex & Marital Status : Female & Single

Address : Punnote House,Tejus Nagar, KTC,Kanjikode, Palakkad, Kerala,India-678621

Language known : English, Hindi, Malayalam

Nationality : Indian

Passport No. : S2049099

Relocation : Willingness to relocate both Domestic and International

Hobbies/ Interests: Music, Travelling, Drawing

Greeshma S