



SHASHANK C NAYAK

Petro-Chemical Engineering Graduate

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CAREER OBJECTIVE

To take challenging role & achieve excellence in multiple disciplines of **Petro-Chemical Engineering** and contribute significantly to an organizational growth and to grow along with the organization effectively by using the analytical skills, knowledge.

Seeking a challenging position in well-established **Oil & Gas Industry** that offers to kick start my professional career & opportunities to learn & enrich my competencies.

TECHNICAL COMPETENCIES

- ❖ Operating System: Windows 7 & 10
- ❖ MS Office Excel, Word, Power Point
- ❖ CAED- Computer Aided Engineering Drawing

ACHIVEMENTS & AWARDS

- ❖ Distinction Awards: SSLC, School
- ❖ Distinction Awards: 5, 6, 7, 8th sems in BE
- ❖ Won District Level Quiz competition in School

ACADEMIC CREDENTIALS

Bachelor of Engineering - 2021 – 7.0 CGPA – First Class
KBN College of Engineering, Gulbarga
VTU University

Intermediate – 2016 – 68.5 % – First Class
SDM College, Ujire
Department of Pre-university Education

SSLC – 2014 – 89.44 % – Distinction
Viveka English Medium School, Kota
Karnataka Secondary Education Examination Board

INDUSTRIAL CERTIFICATION COURSE

- Mechanical QA/QC Engineering
- Piping and Pipeline Engineering
- NDT Level II
 - Radiographic Testing (RT)
 - Ultrasonic Testing (UT)
 - Liquid Penetrant Testing (PT)
 - Magnetic Particle Testing (MT)
 - Visual Testing (VT)
- Welding Inspection
- Industrial Safety

ACADAMIC PROJECT

Production of BIODIESEL from ANIMAL FAT

Summary: Large scale biodiesel production by using low cost and abundant feedstock as waste animal fat is becoming more important due to crisis in petroleum reserves and adverse environmental problems. Animal fats are attractive feedstocks for biodiesel because their cost is substantially lower than the cost of vegetable oil. Animal fat oil was obtained by moderate heating and filtration processes that minimized damage to the lipids and thus facilitated subsequent reactions. The oil obtained after esterification was converted to biodiesel by transesterification.

Conclusion: The advantage of bio-diesel as an alternative fuel relies on its physical properties, bio-diesel can be used directly used or mixed with diesel in diesel engines with no essential modification. Second advantage is the very low impact on environment. Less Greenhouse Gas Emissions up to 78% and gives improved air quality

- ❖ Won several prizes in sports & cultural activities in school

PERSONAL STRENGTHS

- ❖ Quick Learner
- ❖ Positive Attitude
- ❖ Problem Solving
- ❖ Dedicated
- ❖ Self-motivated
- ❖ Innovative & Creative Thinker
- ❖ Flexible & Result Oriented
- ❖ Excellent team player
- ❖ Multi-Tasking
- ❖ Punctual & Organized
- ❖ Strongly committed to assigned work
- ❖ Good Communication Skill
- ❖ Good Presentation Skill

PERSONAL DATA

DOB : 24-05-1998
Marital Status : Single
Nationality : Indian
Passport : V7123889
Languages known : English, Hindi, Kannada
Address : Kundapur Tq, Udupi Dis
Karnataka, IN

INTERNSHIP

Internship type: Online Research Internship

Subject: "Well Planning & Engineering"

Organized by: Petroleum Engineers Association, Jharkhand

Duration: 01.08.2020- 15.08.2020

Outcomes:

- ❖ Concepts & techniques used in Well Planning & Drilling Engineering.
- ❖ Types of Drilling Fluids and Cementing Techniques.
- ❖ Types and applications of the Drilling Fluids.
- ❖ Various concepts, Operations and Equipment's involved in the drilling and cementing processes.
- ❖ The Design requirements of the Well Planning and Constructions.
- ❖ Optimization of the Design of a Drilling Program.

DECLARATION

I have the zeal for learning and I am confident that, the given opportunity, I can prove my strengths to the best of my abilities.

Place: Bangalore

(Shashank C Nayak)