

Raghav Bakshi

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EXPERIENCE

Cleared Patent Agent Examination 2023

Zacco, Bangalore

-Patent Consultant (September 2021-Present)

Drafting response to office actions for Indian and US patent applications in various technological domains such as mechanical, automobile, industrial, etc. Drafting patent specifications. Preparing patentability reports and analysis of inventions at the drafting stage.

LAKSHMIKUMARAN AND SRIDHARAN ATTORNEYS, New Delhi

— *Senior Patent Analyst* (June 2020 - August 2021)

— *Patent Analyst* (August 2018 - June 2020)

Drafting patent specifications (Indian and Foreign), preparing responses to office actions in various technological domains such as mechanical, automobile, marine, industrial, etc. Analysis of inventions at the drafting stage.

OIL AND NATURAL GAS CORPORATION LTD, New Delhi— *Intern* (June 2017 - July 2017)

Worked under the INFOCOM section in ICE (information consolidation efficiency)

INDIAN OIL CORPORATION, New Delhi— *Intern*

(June 2016 - July 2016)

Worked at the Indane Gas Bottling Plant and successfully designed an efficient pipeline for pressurized air to minimize losses.

PRAGATI POWER CORPORATION LIMITED, New Delhi— *Intern*

(December 2015 - January 2016)

Worked and familiarized with gas based combined cycle (Rankine and Brayton) power plant process.

EDUCATION

Vellore Institute of Technology, Vellore — *B.Tech*
(*Mechanical with Specialization in Energy Engineering*)

(July 2014 - July 2018)

CGPA- 8.3

Bal Bharati Public School, Delhi— (2012 - 2014)

Class 12th- Percentage score: 85.4% (CBSE)

Class 10th- CGPA: 8.8/10 (CBSE)

PROJECTS UNDERTAKEN

- Successfully fabricated Biodiesel using Waste cooking oil and Lemongrass oil.
- Performed CFD Analysis of Airborne Wind Turbines.
- Performed Thermal Analysis of a room to find the Thermal Transmittance value of a Biocomposite wall using MATLAB.
- Prepared a working model on applications of Crank Slider mechanism.

TECHNICAL SKILLS

MATLAB - Basic simulation
Solid Works - 2D-sketch and 3D- Modelling
Ansys fluent- Basic simulation
MS Office- Excel, Powerpoint, Word
Origin Pro 9.0
Tableau- Basics
C LANGUAGE
Python- Basics

ACHIEVEMENTS

Co-Organizer VIT Auto Expo (2016)
Organizer VIT Auto Expo (2017)

CERTIFICATIONS

Six Sigma green belt (KPMG) -(2016)
Six Sigma green belt (World Class Manufacturing Solutions and VIT) -(2017)

PUBLICATIONS

Materials Today:
Proceedings-Emission and performance behaviour of blends of diesel/lemongrass oil in DI diesel engine

Publication date: 3rd April 2021