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| **HIMANSHU SHARMA**D.O.B - 14rd December, 1992S/o Mr. H. L. Sharma,4/60, Housing Board, Jhunjhunu, PIN - 333001, Rajasthan, IndiaE-mail: himhssharma@gmail.com ⚫Cell Phone: +918824344261 |  |

I am seeking a professional opportunity to leverage my expertise and demonstrate my technical skills at a progressive organization that is positioned for strong growth.

**Present status**

M. Tech in Environment Science & Technology, School of Energy & Environment at Thapar Institute of Engineering & Technology, Patiala, Punjab.

 **Internships:**

* **M. Tech. Internship *-***  Alternative Energy Department, **R&D Center, IOCL (Indian Oil Corporation Limited), Faridabad, India**. (June 2017-June 2018)
	+ Natural Gas Reforming
	+ Catalyst Synthesis & characterization
	+ Comparison of activities of commercial and lab synthesized catalyst.
	+ Model preparation and validation
* **B. Tech Internship –** Assembly Unit of **BCH Electric Ltd. Faridabad, India.** (June 2015)
	+ Line Study, Flow diagrams and process description
	+ Pneumatic Systems
* **Summer Internship –** Coach & Wagon care department **of** **Indian Railways, Jaipur, India.(**June 2013)
	+ Maintenance Procedure

**Educational Qualification:**

* **Master of Technology in Environment Science & Technology**

Thapar Institute of Engineering &Technology, Patiala, Punjab, India

 CGPA: 9.15/10

**One-year dissertation work: Tri-Reforming of Natural Gas for hydrogen production**

* Catalyst Identification, Synthesis & Characterization
* Baseline data Generation using commercially available catalyst
* Comparison of activities of commercial and lab synthesized catalysts
* Model Preparation and Validation.

**M. Tech Minor Project Title: Performance and Emission measures of a CI engine with Neem Biodiesel & Butanol.**

* Different blends of neem biodiesel
* Different Blends of neem biodiesel and butanol at different compression ratios.
* Performance, combustion and emission characteristics of the engine
* **Bachelor of Technology in Mechanical Engineering**

The ICFAI University, Jaipur

CGPA: 8.08 [Graduated May 2015]

 **Project Work:** [BCH Electric Ltd, Faridabad- January 2015-May 2015]

* Line Study, Flow diagrams and Process descriptions
* Maintenance of Pneumatic System

**Project Title**: **Effects of Blending of Alcohol in Petrol on Performance Parameter of SI Engine**

* Test was performed on a SI engine using blends of ethanol with the petrol at different compression ratios. Performance parameters of the engine were studied.

**Project Title**: **Fabrication of Air conditioner working on Primary and Secondary refrigerants.**

The project aims at fabrication of an air-conditioner which uses both primary and secondary refrigerants for cooling.

**Skills:**

* Basic idea in C
* Aspen for simulating various processes
* Proficient in Microsoft Office Suite
* Pro E, Ansys

**Languages:**

* English, Hindi and Rajasthani
* Some experience with Punjabi

**Attributes:**

* Eager to learn in a methodical and thorough manner
* Take initiative and able to work with minimum supervision
* An excellent Team Player
* Consensus builder and able to take leadership roles
* Good organizational and Managerial skills

**Extra-Curricular Activities:**

* Coordinator of various cultural and technical events held in college and school

**Academics:**

* Qualified Graduate Aptitude Test in Engineering (GATE) in the year 2016.
* Certificate course on ‘Climate Change’ by UNITR.
* Winner of technical and general quiz at inter college competition INFERNO

**Sports:**

* Have participated in the Intra – State School Badminton Championship, Rajasthan
* Have participated in the Intra – State kabaddi Competition, Rajasthan.

**Declaration**

I do hereby declare that the above information is correct to my knowledge and I bear the responsibility of the correctness of the mentioned particulars.

Place: Faridabad ****

Date: Signature