# SHUBHAM KHANDELWAL

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**CAREER OBJECTIVE**

Looking for a challenging career which demands the best of my professional ability in terms of, technical and analytical skills, and helps me in broadening and enhancing my current skill and knowledge.

**EDUCATIONAL QUALIFICATION**

* **B. Tech** (Mechanical) with **aggregate 59%.**from ABES Engineering College(UP) in 2015.
* **12th** with **aggregate 74%** from St. Peter’s College, Agra(UP) in 2011.
* **10th** with **aggregate 72%** from St. Peter’s College, Agra(UP) in 2009.

**SKILLSET**

* **Languages & Skills** C,C++,JAVA.
* **Tools** Solidworks .

**INDUSTRIAL TRAINING**

* **INDIAN OIL CORPORATION LTD. Gujrat refinery**.

I underwent training in a state-of-the-art petroleum refining facility during my pre-final year under the guidance of Mr. A C Shekhar(Chief Manager). The main working unit of the company consists of a piping network running through 47 operating stations and my internship was on the vibrational pattern across the network with special emphasis on “Condition Monitoring”. This monitoring process was outsourced to an outside company and they employed different vibration measuring devices across the entire plant to record the information in a digital form. This digital information was then processed by various softwares which enumerated the actual amount of vibrations at the designated spots. Based on the vibration data, responses were calibrated and counter-measures were put in place on the need basis.

**PROJECTS UNDERTAKEN**

**1. Feasibility of Bio-Gas from night soil**

In my final year I a project “Feasibility of Bio-gas from night soil” under the guidance of Asst. HOD Mr. Ashish Malik(ABES Eng. College) and the assistance of Dr. M S Reddy(Thapar University).The main focus of the project was to see what type of fuel would yield the best concentration of methane gas among the various gases produced . In order to save time during the six month long process, three different Bio-gas digesters were built to feed them with three different types of feedstock .Among the feedstocks we determined that the gobar (Cow dung) had the highest yield .

**2. Designing of ball bearing**

I undertook this project under the guidance of my Machine design professor Pradeep Sharma .The emphasis of this project was to determine the stress the ball bearings can withstand under different load conditions when put to use in machines performing different functions.

**EXTRA CURRICULAR ACTIVITIES**

* Won 2nd prize in chess championship in college.
* Organized quiz event at genreo’13 in college.
* Attended seminar on Renewable source of energy.
* State level Chess Champion for two consecutive years.
* Participated in state level table tennis tournament.
* Champion at various events in genereo’14 and 15.

**Hobbies**

* Playing Chess
* Cooking
* Swimming
* Photography