

# Kapil Chourasia

LinkedIn : [www.linkedin.com/in/kapilchourasia](http://www.linkedin.com/in/kapilchourasia)  
Github : [chourasia-kapil.github.io](http://chourasia-kapil.github.io)

kapilc5303@gmail.com  
(+91) 83590-07571

---

## OBJECTIVE

*I am a final year Mechanical Engineering under graduate student. Elegance in solving a problem is my sole motto while approaching a problem. I want to utilize my core skills and to learn, contribute and grow with organization. I like staying updated with new technology.*

## EDUCATION

**Lakshmi Narain College of Technology**, Bhopal  
*Bachelor of Engineering (B. E), Mechanical Engineering (ME)*  
Expected May, 2019 C.G.P.A: 8.19/10.00

**Kendriya Vidyalaya**, Hoshangabad (M.P)  
*Class XII (Senior Secondary Examination), C.B.S.E*  
July 2014 Aggregate 85.40%

**Kendriya Vidyalaya**, Hoshangabad (M.P)  
*Class X (Secondary Examination), C.B.S.E*  
July 2012 C.G.P.A: 9.0/10.0

## TECHNICAL SKILLS

**Design Software's :** Auto CAD, CATIA  
**Languages :** C  
**Database :** MySQL  
**Familiar :** Java, JavaScript, HTML  
**Other :** MS Office

## EXPERIENCE

**Cognizant Technology Solutions : Intern** *Jan'19 - April'19*  
Learned basics of IT technologies and programming skills and implementation of those skills in java based project.

## PROJECTS

**Academic Project : Impact of Methanol Gasoline fuel blends on the performance and exhaust emissions of a SI engine** *May'19*

The effect of methanol on the performance and combustion of SI engine were investigated. The experimental results showed that the performance of engine was improved with the use of methanol.

- **Technology/Tools:** IC Engine Soft 9.1

**Internship Project : Cleaning Management System** *Feb'19 - March'19*

A Console based Cleaning management system, Made in JAVA, Involving the basic of the Object Oriented concepts of Java, and the features of Dynamic Data Structures.

- **Technology/Tools:** Java, MySQL, Tomcat, Oracle 11g

**Academic Project : Design of Gun Stock** *Sep'18 - Dec'18*

Worked in a 4 person team to design and analyze the Gun Stock. This project is meant to reduce the recoiling in a gun by analysis and modify the design of the gun stock using theory of bending of beams and finite element analysis.

I was responsible for designing the prototype of gun stock in a software CATIA V5 and analyze it using FEA

- **Technology/Tools:** CATIA V5, Finite Element Analysis

## INDUSTRIAL TRAINING

Introduction to CAD/CAM CATIA

*May'18- July'18*

Organization : Center for Research and Industrial Staff Performance (CRISP)

### **Key learning's -**

- Mechanical Part Design, Surface Design, Assembly Design, Drafting, Kinematics

## ADDITIONAL ACTIVITIES

- Participated in *ROBOTRYST-2016* at Annual Technical Festival of IIT-Delhi.
- Winner in Chess, *SHRISTI 2K17* held in LNCT.

## HOBBIES

- Playing Chess
- Meditation
- Reading on Quora