

Vinayak Goel

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EDUCATION

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
B.TECH (MECHANICAL AND AUTOMATION ENGINEERING)
Graduate June 2019 | Delhi, India
Cum. GPA: 7.8

N. K. BAGRODIA PUBLIC SCHOOL
Grad. May 2015 | Delhi, India
CBSE Class 12 - 92.6%
CBSE Class 10 - 9.2 CGPA

CERTIFICATIONS

CAPSTONE PROJECTS
Engineering Project Management Specialization
Rice University through Coursera (July 2019)
Supply Chain Management Specialization
Rutgers University through Coursera (June 2019)

COURSES

Statistics for Business Analytics and Data Science A-Z (Udemy)
Introductions to Operations Management (University of Pennsylvania through Coursera)
Business Foundations (University of British Columbia through EDX)
Introduction to Marketing (University of British Columbia through EDX)
Introduction to Accounting (University of British Columbia through EDX)
Diploma in AutoCAD (Cadd Master)

SOCITIES

NGO
CRY (Volunteer)
SAVIORS (Volunteer)
UMEED (Volunteer)
LEADERS FOR TOMORROW (Volunteer)
International Organization
Aiesec in Delhi IIT (Senior Member)
College Fest
Techsurge & Mridang 2016 (Internal Affairs Department)

INTERNSHIP

BMW DEUTSCHE MOTOREN

October 2018 | Delhi, India

- Training under the After Sales Department, Technical Division.
- Basic servicing of the automobiles and study of brakes and its replacement.

ATT PANELS (ARUNACHAL TIMBER TRADERS Pvt.LTD.)

June 2018 – July 2018 | Gandhidham Gujrat, India

- Learnt about manufacturing processes of Laminated Particle Board, physical properties and applications of different Timber wood.
- Familiar with Sales and Marketing analysis for the company.

DANTAL HYDRAULICS PVT. LTD.

June 2017 – July 2017 | IMT Manesar, India

- Gained knowledge of fabrication pneumatic and hydraulic cylinders and their applications; assisted quality department supervisor.

M.M. CASTINGS PVT. LTD.

December 2016 – January 2016 | Faridabad Haryana, India

- Familiar with casting processes - stone crushing, mining and quarrying industries; explored the heat treatment processes - annealing, normalizing etc.

PROJECTS

TRIBOLOGICAL STUDY OF JOURNAL BEARING MATERIALS

August 2018 – April 2019

Attempt to replace conventional Phosphorous Bronze material with Aluminium Copper Nickel Alloy using Tribotester.

TEAM JATAYU BAJA RACING

March 2017 – May 2018

Design, fabricate and assemble the All Terrain Vehicle from scratch. I led the braking department of the team.

AWARDS

2018	Rs. 100,000 Scholarship	All India Council of Technical Education (SSPCA)
2018	26 th /100, 8 th acceleration	BAJA SAE Maryland
2018	1 st /100, 2 nd Best Design	Enduro Sports India

PUBLICATIONS

- [1] V. Goel, V.K. Sharma: **Experimental Study of Sliding Wear Behavior of Journal Bearing Materials.** LNME, Springer publication, Scopus indexed.
- [2] V. Goel, M. Shukla, V.K. Sharma: **Wear and Friction Study of the Coated Piston Rings Material.** LNME, Springer publication, Scopus indexed.
- [3] V.K. Sharma, V. Goel, M. Shukla: **Effect of Hard Chromium Coating on the Frictional Behavior of Piston Rings Material.** LNME, Springer publication, Scopus indexed.
- [4] V. Goel, S. Khurana: **Analysis of Practices for Green Supply Chain in Indian Timber Market: An ISM Approach.** LNME, Springer publication, Scopus indexed.
- [5] V. Goel, S. Khurana: **Analysis of Critical Factors for Implementation of Redistributed Manufacturing in India: DEMATEL Approach.** Book Series, CRC Press Taylor & Francis