

ANKIT RATHORE

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ACADEMIC QUALIFICATION

YEAR	DEGREE	INSTITUTE	PERFORMANCE
2017-Present	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	5.5/10
2016	B.Tech. (Mechanical Engineering)	Maulana Azad National Institute of Technology, Bhopal M.P.	7.56/10
2011	Class XII, MP Board	New Monalisa H.S.S. Sehore M.P.	83.4%
2009	Class X, MP Board	Govt. Excellence H.S.S. SEHORE M.P.	88%

ACADEMIC INTERNSHIP

STEEL AUTHORITY OF INDIA LIMITED, BHILAI

December'14

Detailed study of Production System of Plate Mill.

Detailed Study of Industrial Hydraulic including automatic hydraulic gauge control and its Application in Plate Mill.

Understood the mechanism of various bulk deformation processes.

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

May'15-June'15

Observational study of various component of steam turbine.

Study of various Non-Destructive test and their application.

ACADEMIC PROJECTS

Design of "Dual Drive System in Two Wheeler Using A Hub Motor And Dual Battery Charging Mechanisms" Hybrid system for increasing efficiency of engine.

Exhaust gas energy harvester is assembled with turbine and alternator is connected to crankshaft, battery is being charged by these two mechanisms.

Very suitable for long drives where variation of speed is minimum.

TRIO-THE TRI BIKE

Design and fabrication of three wheeled commuter cycle.

It has innovative tilt steering mechanism with front wheel drive.

Light weight, foldable and short distance commuter cycle.

Design and analysis of shell and tube heat exchanger by changing its baffle angle And optimizing pressure drop.

COURSEWORK & SKILLS

Relevant Courses	Data Mining Probability & Statistics Operation Research Introduction to Computing Design of Production System Statistical model for business analytics
Technical Skills	C(Basic) MS Office Java(Basic) R Programming Python

POSITION OF RESPONSIBILITY

Member of IIT Kanpur table tennis team and participated in inter IIT Sports meet 2017.

Co-head of the organizing team of SPORNO-MANIA 2014 (sports fest of MANIT BHOPAL).

Represented MANIT BHOPAL as a team captain in various INTER NIT SPORTS MEET.

Represented Bhopal region in **54th mp state level table tennis competition.**

Core Team Member (Event Executive) at PRAYAS, a social welfare society, MANIT-Bhopal.

AWARDS & ACHIEVEMENT

Academic	-GATE 2017 percentile:98% -Published a research paper in international journal.	2014-2015
Extra- curricular	-M.Tech. Y17 Senator of the Students' Senate IIT Kanpur. -State level table tennis player. -Received prize from Rotary Club Sehore for securing highest marks from school in class 10 th . -Presented a model on hybrid technology in science fest held at Bhopal M.P.	2010