

Maheep Kumar UPADHYAY

PERSONAL DATA

PLACE AND DATE OF BIRTH: Mirzapur, UttarPradesh | 15 March 1999
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CAREER OBJECTIVE

Enthusiastic individual eager to contribute to team success through hard work, attention to detail and excellent organisational skills.

INTERNSHIPS

JULY - SEP 2020	Online internship on various Industrial domain 71 sessions were conducted by industrial experts on various topics viz. Six Sigma, Design of natural convection based system, Boiler efficiency and performance, product design approach in industries.
DEC - JAN 2020	Intern at Cummins INDIA LIMITED-PUNE, Maharashtra Engine, Power system and Distribution of diesel and natural gas engines of different types of cylinder blocks including manufacturing of camshafts, gears etc.
JUNE - JULY 2019	Summer Intern at POSCO STEEL PVT. LTD, Maharashtra Manufacturing process of steel with different route viz. Heat treatment, TTT diagram, 5-S concept, DMAIC methodology and quality control.

EDUCATION

JULY 2023	M.Tech in METALLURGICAL AND MATERIALS ENGINEERING, National Institute of Technology Rourkela, Odisha CGPA: 9.11/10
JULY 2021	B.Tech in MECHANICAL ENGINEERING, Bharati Vidyapeeth Deemed University , Pune CGPA: 9.42/10
MAY 2016	INTERMEDIATE(CBSE), Dalimss Sunbeam School, Rohania, Varanasi PERCENTAGE: 76.40%
MAY 2014	MATRICULATION(CBSE), Pt. Ram Kinker Upadhyay Vikash Vidyapeeth , Mirzapur, Uttar Pradesh CGPA: 8.6/10

ACADEMIC PROJECTS

B.TECH. PROJECT	<i>Heat Transfer Enhancement in Notched Fin Array Coated With Nanomaterials</i> To increase the heat transfer rate using different fin geometry the nanomaterial coating is provided so that the heat dissipation rate will be increase and used in different application like boilers, chips etc.
MINI PROJECT	<i>Ram Water Pump</i> Use of a large amount of water falling a short distance to pump a small amount of water to a higher elevation so only only 2% to 20% of the water flowing through a ram pump system will actually be delivered to the storage tank.
MINI PROJECT	<i>Modification of existing vehicle to hybrid electric vehicle</i> Hybrid Electric Vehicle is a vehicle that uses two sources of power as gasoline and battery. The major drive train is a continuously variable transmission system (CVT) and an electrical machine system which operate simultaneously to give the driver a better performance and efficiency as compared to normal IC engine power train.

SCHOLARSHIPS AND CERTIFICATES

APR - MAY 2021	GANDHI FELLOWSHIP PROGRAMME
JAN - APR 2020	NPTTEL- IC ENGINES AND GAS TURBINES
JAN - APR 2019	NPTTEL- INTRODUCTION MATERIAL SCIENCE AND ENGINEERING
JAN - MAR 2019	NPTTEL- KINEMATICS OF MECHANISMS AND MACHINES

SKILLS

2D Software:	AUTOCAD
3D Software:	SOLIDWORKS
Programming Language:	PYTHON
Soft skills:	LEADERSHIP, TEAMWORK, TIME MANAGEMENT, DECISION MAKING

EXTRA CURRICULAR ACTIVITY

2021 - 2022	SUPERVISOR OF AIM RESEARCH CLUB(NIT ROURKELA)
2020 - 2021	ACADEMIC EXCELLENCE AWARD FOR HIGHEST CGPA IN MECHANICAL ENGG.
2020 - 2021	PARTICIPATED AND WON IN SINGING COMPETITION AT BVP
2019 - 2020	SECURED 2ND RANK IN MATHEMATICAL OLYMPIAD
2019 - 2020	PLAYED CRICKET UP TO DISTRICT LEVEL
2018 - 2019	WON 1ST PRICE IN SCULPTURE EXHIBITION AT MALANG(BVP-PUNE)

INTERESTS AND ACTIVITIES

Interests: CRICKET, SINGING, TRAVELLING, FOODIE
Activities: ANCHORING, SCULPTING