

Educational Qualifications

B.Tech. Mechanical Engineering	2020	IIT Bombay	6.36/10
Class XII Examination Board	2016	Subodh Public School, Jaipur	85%
Class X Examination Board	2014	Subodh Public School, Jaipur	9.0/10

Internships**iSSELab, University of Alberta** **Lab Research Assistant** May'19 – Jul'19

Project	Detection of Adsorption Rate of Solvent on a Water drop
Responsibilities	<ul style="list-style-type: none"> Developed an appropriate experimental setup for the desired data collection process using Krüss Advance Studied the effect of the environment on the stability of the Superhydrophobic surfaces using DSA 100
Achievements	<ul style="list-style-type: none"> Successfully prepared and surface characterized superhydrophobic surfaces made of 1mm copper sheets Inspected the variation of contact angle with time of the drop with change in environmental conditions Examined SFT of distilled water upon interaction with solvent vapors using pendant drop experiments

Toppr**Product Developer**

May'18 – Jul'18

Project	Content Development and Refinement
Responsibilities	<ul style="list-style-type: none"> Ensured the highest quality content and internal consistency by verification of the source material Classification of the study content as well as difficulty tagging of every assigned problem has to be done
Achievements	<ul style="list-style-type: none"> Conducted online live videos on YouTube as a physics expert for the continuous pace of students Created some innovative, user-friendly methodology of teaching using various educational technologies

Positions of Responsibility

Coordinator, Mood Indigo	<ul style="list-style-type: none"> Managed and negotiated different marketing deals across various sectors of hospitality industry Assisted in providing accommodation to various international artists, judges, celebrities and 1.4L+ visitors Managed Hospitality demands of 1,39,000+ visitors working in a three-tier team of 15+ coordinators
Coordinator, E-Cell	<ul style="list-style-type: none"> Responsible as a sole point of contact for 80+ College Representatives across colleges in North India Played an integral part in organizing workshops & events like Eureka, National Entrepreneurship Challenge
CG Member, Finance Club	<ul style="list-style-type: none"> Member of the diversified Finance Core Group of the institute consisting of students of all years Invited to visit Bombay Stock Exchange, Mumbai and attended a workshop on the stock market analysis

Projects

Aerospace Dept, IITB	LTA Course Planning <ul style="list-style-type: none"> Awarded Letter of Recommendation for exemplary performance shown in the project Aided the professor in the content development of the course "Lighter than Air Systems" Designed assignments and developed new teaching methods for IC teaching scheme Helped in creating short clips from existing long video lectures, making it more interesting 	Aerospace Engineering
IIT Bombay	Modelling of Laser Surface Cladding <ul style="list-style-type: none"> Developed a model for laser cladding and analyzing the various effecting parameters Innovated a new way to replicate the efficacious deflux method of the move heat source 	Mechanical Engineering
Robotics Club, IITB	XLR8 Project <ul style="list-style-type: none"> Designed mechanical framework for BT controlled robot to overcome diverse obstacles Devised electrical subsystem with Integrated Circuits, ATtiny and Bluetooth module 	Electrical Engineering

Co-Curricular Achievements

Academic Achievements	<ul style="list-style-type: none"> Awarded Kishore Vaigyanik Protsahan Yojana (KVPY) fellowship by Government of India Recipient of the prestigious National Talent Search Examination (NTSE) scholarship by NCERT, GoI Attended a 3-day science camp, organized by IISc, IISER Kolkata and Department of Science, India
Workshops/ Certifications	<ul style="list-style-type: none"> Certified Six Sigma Green Belt professional, post 4-day workshop conducted by KPMG at FMS, Delhi Awarded Certified Marketing Analytics Practitioner Certification and analyzed marketing problems Awarded with Rajya Puruskar for organizing Awareness activities by the Governor, Mrs. Margaret Alwa Acquired Coursera Certifications on Data Science, HTML, CSS, JavaScript and Game Development

Extra-Curricular Achievements

Competitions/ Events	<ul style="list-style-type: none"> Represented India as a part of a team of 10 Scouts in 2nd National Scout Jamboree at Chitwan, Nepal Secured First position in 13 poles Men's Slalom Race (Snow Skiing) organized by IISM Gulmarg, Kashmir
Sports/Cultural	<ul style="list-style-type: none"> Trained for one year under NSO Athletics and a part of Institute Athletics team as a long-distance runner Successfully completed 2 weeks basic snow Skiing Course at IISM Gulmarg, Kashmir with grade 'A'

Interests

Cycling | Travelling | Hiking | Skiing