

CAREER OBJECTIVE			
To secure a responsible career opportunity and fully utilize my skills and training while making all possible efforts to achieve best results. I want to be a valuable resource for my organization.			
EDUCATIONAL QUALIFICATIONS			
YEAR	DEGREE	INSTITUTE/BOARD	CPI/%
2020-Till date	Master of Technology	Indian Institute of Technology Kanpur	7.43
2015-19	Bachelor of Technology	Feroze Gandhi Institute of Engg. & Technology, Raebareli	71.48%
2013	Class XII	U.P. Board	74.40%
2011	Class X	U.P. Board	67.17%
M.TECH. THESIS Thesis Supervisor : Prof. SUMIT BASU (May 31,2021 – Present)			
TITLE : Correcting the Drift Distortion of SEM images for effective Digital Image Correlation			
<ul style="list-style-type: none">The objective of this project is to create a user friendly GUI for correcting the Drift Distortion of SEM images in order to get the better Digital image Correlation(DIC) in MATLAB.Finding change in drift for each pixel location by performing DIC on consecutive images in pair using NCORR.Studying on Scanning electron microscope to get the required knowledge.			
B.TECH. PROJECT Project Supervisor : Dr. Mohd. Tauqeer (Associate Professor) (Jan 13,2019 – Jun 9,2019)			
TITLE : Automatic Double Hacksaw Cutting			
<ul style="list-style-type: none">The objective of this project is to Automate the conventional power hacksaw machine in order to achieve the high productivity of work-pieces.DC motor used to drive the Shaft can also be operated with the help of conventional source of energy like solar energy.Automatic Double Hacksaw Machine cuts the work-pieces simultaneously to get the high speed cutting rate and mass production.			
POSITION OF RESPONSIBILITY			
Teaching Assistant for the course ME621A (Introduction to Solid Mechanics) at IIT Kanpur (<i>continuing from August 9,2021</i>) <ul style="list-style-type: none">Assisted instructor with grading the assignments.Assisted in timely conduct of sessions.			
ACADEMIC PROJECTS TERM PAPERS			
<ul style="list-style-type: none">Some Exact Closed Form Solutions for Transient Response of a Cylindrically Anisotropic Elastic Solid Subjected to Three types of a Ring Source. (Jan'21) [Course Project Instructor : Prof. Basant Lal Sharma, IIT Kanpur]Stresses in a Long Hollow Cylinder Subjected to a Band of Uniform Pressure on the Outer Surface. (Feb'21) [Course Project Instructor : Prof. Basant Lal Sharma, IIT Kanpur]The Finite Inflation of an Elastic Toroidal Membrane of Circular Cross-section. (March'21) [Course Project Instructor : Prof. Basant Lal Sharma, IIT Kanpur]Case Study of Light, Medium and Heavy duty trucks using Quality Function Deployment. (May'21) [Course Project Instructor : Prof. Niraj Sinha, IIT Kanpur]			
SKILLS	MATLAB, Solid Works, LaTeX, Ncorr(DIC), MS Office, SEM, Python		
AREA OF INTEREST	Solid Mechanics Manufacturing Process Industrial Engineering Kinematics of Machine		
HOBBIES	Table tennis, Cricket, Badminton, Travelling, Singing		
RELEVANT COURSE WORK			
Introduction to Solid Mechanics Introduction to Continuum Mechanics Applied Dynamics and Vibration Finite Element Methods Design for Manufacturing and Assembly Fracture and Fatigue Vibration Control			
EXTRA CURRICULAR			
<ul style="list-style-type: none">Completed internship on Flanges inspection & Heat treatment conducted by R.D. FORGE (Jun'18 – Jul'18)Participated in Inter branch cricket tournament in college in year 2015 and 2019.			