



Kanishk
Mechanical Engineering
Indian Institute of Technology, Bombay
Specialization: Computer Integrated Manufacturing

16D100021
Dual Degree (B.Tech. + M.Tech.)
Gender: Male
DOB: 14-07-1998

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2021	
PROFESSIONAL EXPERIENCE				
Hindustan Unilever Internship Leadership Program Supply Chain [May '19 – Jul '19]	Strategy	Analysis & evaluation of new packaging machine: 100% increase in output; 30% reduction in labour <ul style="list-style-type: none">Utilized PDCA approach to improve & conclude upon the machine's performanceImplemented 5W-1H & Why-Why analysis for the root-cause analysis of defectsConducted 25+ trials, varying 5 control variables, to map the variation in efficiency		
	Impact	<ul style="list-style-type: none">Achieved 98% stage 1 efficiency, priorly 75%, stabilising carton-forming processIdentified 4 distinct sources of defects and suggested 8 viable design modificationsAlready implemented 5 out of 8 modifications, with the remaining 3 underwayProvided Cost-Benefit analysis for the extensive implementation of the technology		
Soulflower Pvt. Ltd. E-Commerce and Operations [May '18 – Jul '18]	<ul style="list-style-type: none">Responsible for the initiation and expansion of the company's sales to Canada through AmazonSpearheaded launch of the Brand's Amazon Storefront through Amazon Marketing Services IndiaKey account management of Amazon US and Canada through the North American Seller CentralIncreased the reach of the social media handle by 2000+ followers through Influencer Marketing			
LEADERSHIP ROLES				
Institute Secretary- Film & Media IIT Bombay [Apr '18 – Mar '19]	Initiatives	Elected from 10,000+ students to head the Film and Media genre in the Institute Cultural Council <ul style="list-style-type: none">Re-initiated IIT-B Film Festival, post a 3-year hiatus, witnessing 450+ participantsIntroduced the 1-Minute Short Film Project, attracting 60+ enthusiastic participantsRevamped Film GC, increasing participation by 12%, to promote genre multiplicity		
	Managerial	<ul style="list-style-type: none">Led a 21-member team to conceptualize & execute events pertaining to the genreManaged a total budget of 5 lakhs+ INR for publicity and execution of 35+ eventsInfrastructural revamp of inventory while ensuring ease of access to 5K+ students100% y-o-y increase in viewership through regular content curation for IIT-BBC		
Convener Silverscreen IIT Bombay [Apr '17 – Mar '18]	<ul style="list-style-type: none">Collaborated among a 7-member team in-charge of the publicity and execution of 30+ eventsMentored 400+ freshmen in making their first film ensuring their indictment to the film clubIncreased reach by 25%, using innovative online campaigns like profile videos & motion posters			
INTERNATIONAL EXPOSURE & KEY PROJECTS				
Denmark Technical University, Copenhagen				
Exchange Scholar Fall Semester '19	<ul style="list-style-type: none">Among 4 students to represent IIT Bombay among a cohort of 400+ International studentsTravelled across 12 countries; Fostered lasting networks in a culturally diverse environment			
NO reduction, SYSAV Course Project	<ul style="list-style-type: none">Evaluated NO reduction potential up to 70% for Malmö (Sweden)'s waste management facilityDevised a computational MATLAB model to simulate the combustion and reduction process			
Engine Analysis Course Project	<ul style="list-style-type: none">Modelled the fuel combustion process in a 4-stroke engine using a simplified MATLAB modelDetermined variation in engine parameters as a function of the speed & fuel injection pressure			
Indian Institute of Technology Bombay				
Micro Fabrication* Master's Thesis Prof. Soham Mujumdar <i>*To be completed by June 2021</i>	Objective	Single-step fabrication of durable micro-lens mould by hot embossing of BMG		
	Strategy	<ul style="list-style-type: none">Implementing a VUMAT sub-routine on ABAQUS to model Bulk Metallic GlassesConduct a Finite Element analysis of process to determine the optimal parameters		
Lean Manufacturing Course Project	<ul style="list-style-type: none">Analysis of Just-in-Time strategy, implemented by Dell, to achieve flexibility & zero inventoryStudied Dell's 'Direct Model' which aimed at radicalising customer-configured order placements			
Crack Detection Course Project	<ul style="list-style-type: none">Employed Image Processing to devise a non-destructive technique for surface crack detectionDivided pixels into multiple classes and used K-Means Clustering algorithm for cluster detection			
EXTRACURRICULARS				
Cultural	<ul style="list-style-type: none">Institute Cultural Colour for exemplary performance in extracurricular (6 out of 8k+ students)Directed & Edited 15+ short films & music videos, garnering a cumulative viewership of 2M+Overall Co-ordinator, Film for Performing Arts Festival 2019 - <i>Dopamine</i>			
	<ul style="list-style-type: none">1st Position(Film) Inter-IIT Culturals Meet 2017Best Direction Catharsis Film Festival 2019	<ul style="list-style-type: none">1st Position Tesseract Film Festival 2018Best Film Alcheringa, IIT Guwahati 2019	<ul style="list-style-type: none">1st Position Cineyouth Film Festival 20171st Runner Up(Film) Mood Indigo 2017	
Community	<ul style="list-style-type: none">Tutored 25 underprivileged students for the Educational Outreach initiative of NSS, IIT BombayConducted basic computer classes for 20+ service staff of IIT Bombay, through NSS, IIT Bombay			
Mentorship	<ul style="list-style-type: none">Upskilled 150+ film enthusiasts as the lead instructor of IIT Bombay's Editing Cult SchoolMentored 50+ participants in the Institute Summer Film Project, teaching basics of filmmaking			
Hobbies	Creative Arts Video Games Tech Enthusiast Movie Buff Travel Enthusiast			

Scholastic achievements and extracurricular activities are not verified by the Placement Cell