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| **Scholastic Achievements** |

* Awarded prestigious **AP grade** for exceptional performance in Engineering Mechanics given to **2 of 292**
* Department Rank **13 amongst 150+** students in the Department of Mechanical Engineering, IIT Bombay
* Pursuing **Minor degree** offered by **Electrical Engineering** Department, IIT Bombay
* Awarded **Ratti Chhatr scholarship** by Panasonic whose nominees were filtered by various evaluations
* Achieved **AIR 1743** among 0.15 million students in JEE Advanced; **99+ percentile** in JEE Mains 2016

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| **Positions Of Responsibility** | |
| **Core Team Member** | Student Alumni Relations Cell | [Apr’18-Present] |

*Leading Design portfolio; part of 15 core team members to enhance root level alumni connections*

* Assisting in **aggressive expansion** of SARC’s social envelope to capture platforms like Facebook, LinkedIn and Twitter by creating **visual content for the publicity** of various events and initiatives
* Ideated and created Institute Valedictory Function publicity leading to a **100% y-o-y rise** in turnout
* Guided **120+ volunteers** for effective communication; successfully contacted **10,000+** alumni in 10 days
* Conceived and advanced **‘On This Day’** initiative to highlight national, social and environmental affairs
* Capitalised a quarter-over-quarter **growth increment of 300%** in social media reach on Facebook
* Designing a **mascot** for the flagship event Alumination along with poster series portraying its story
* Ideating publicity and structure of **Institute Yearbook‘19** to provide nostalgic lookback to **900+** graduates

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| **Marketing Coordinator** | Techfest, IIT Bombay | [May’17-Jan’18] |

*Part of team aiming to procure sponsorship for Techfest; maintained relations with corporate world*

* Conceptualized **brand integration** specifically tailored for each potential sponsor
* **Point of contact** for **5+** sponsors including **BHIM**, ensuring both ends of bargain are upheld
* Led a team of **5+ organisers** catering needs of various sponsors, ensuring smooth execution of events
* Contacted **CSR executives** of companies for **SHE (Sanitary and Health Education)** awareness campaign
* Associated in execution of **Cyclothon**, a pedal for better heart with a turnout of **1500+ participants**

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| **Design Secretary** | Hostel Six Council | [Jul’17-Apr’18] |

*Member of the cultural team which bagged the 2nd position in overall Cultural General Championship*

* Awarded **silver medal** in inter-hostel **Design General Championship** for designing hostel booklet
* Fabricated an informative brochure to cater **70+ uninstructed freshmen** entering the hostel
* Ideated and Executed branding of the annual hostel festival with an estimated budget of **INR 0.2 million**
* Designed **35+ posters and flexes** for events and competitions conducted over the academic year

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| **Technical Projects** | |
| **Thermosiphon Solar Heater** | Storage tank simulation | [May’18-Present] |

*Guide: Prof. Sandip Saha, Department of Mechanical Engineering, IIT Bombay*

* Modelled **stratification of fluid** in storage tank caused due to inlet flow from solar heater
* Discretized time dependent governing heat exchange equations employing **Finite Volume method**
* Developed MATLAB code to demonstrate performance in **steady state** of Thermosiphon system
* Established code to solve series of linear algebraic equations using **Gauss-Seidel method**

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| **Material Study: Disassembly Project** | Course Project | [Jun’17-Oct’17] |

*Guide: Prof. Parag Bhargava, Department of MEMS, IIT Bombay*

* Disassembled complex microwave oven to **probe** into its **15+** constituent parts
* Studied the **manufacturing processes** and materials used for making glass cover of the oven
* Prepared and delivered presentation on the various parts of the oven, their working and fabrication

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| **Professional Experience and Training** | |
| **Remote Marketing Internship** |IIM Lucknow | [Apr’17-May’17] |

*Guide: Prof. Sameer Mathur, Department of Marketing, IIM Lucknow*

* Created complete **marketing plan** for new Android App – 'YOU & CO.' giving entrepreneurial hue to the product idea through a mini project, and prepared a novice to the real world of Marketing Management
* Identified company’s goals, defined the offering’s value proposition and implementation strategies
* Surveyed **‘freemium’** apps, researched product’s placement and brand positioning in the Indian market
* **Scrutinized case studies** of marketing companies and analysed **Harvard Business review** articles
* Acquired and discovered new skills to develop and deliver **impressive PowerPoint presentations**

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| **Technical Skills** |

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| **Programming Language** | C, C++, G-code |
| **Software** | AutoCAD, SolidWorks, MATLAB, Adobe illustrator |

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| **Extra-Curricular Activities** |
| **Social Services** |

* Dedicated **80 hours of community service** as a volunteer of National Service Scheme (NSS), IIT Bombay by working towards replenishing the ecosystem while focusing on loss of flora and fauna
* Administered a camp with **500+ participants** in CURED, a nationwide diabetes awareness campaign
* Surveyed **floral diversity** and tagged trees with informative placards on the campus of IIT Bombay

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| **Miscellaneous** |

* Owner of 3 presentations on SlideShare with **300+ views** in total, 180 being the max individual views
* Participated in **Dance Mania** competition representing hostel 6 in a group dance performance
* Led entire school as **Student Body President** elected through voting by an electorate of **450+ students**
* Competed in intra hostel **football tournament**, Vikings Football League (VFL)

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| **Courses Undertaken** |

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| **Core** | Engineering Drawing, Fluid Mechanics, Solid Mechanics, Thermodynamics, Engineering Metallurgy, Engineering Mechanics, Strength of Materials, Mechanical Measurements, Microprocessors and Automatic Control\*, Manufacturing Processes\*, Heat Transfer\* |
| **Mathematics and Statistics** | Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretation, Numerical Analysis |
| **Minor** | Electronic Devices and Circuits, Digital Electronics\* |
| **Others** | Economics, Introduction to Electrical and Electronic Circuits, Basics of Electricity and Magnetism, Biology, Quantum Physics, Physical Chemistry, Organic and Inorganic Chemistry, Computer Programming and Utilization, Philosophy\*, Industrial Economics\* |

*\*To be completed by November 2018*