

**MECHANICAL ENGINEER, MU**

**DOB : 5/12/1997**

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## OBJECTIVE

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I wish to obtain a challenging and creative opportunity where I can exercise my technical knowledge to the fullest and implement them to meet the organizational goals.

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## ACADEMIC PROFILE

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Year of passing	Degree	University/Board	Performance
2019 (July)	BE in mechanical	Mumbai University(MU)	8.42
2015	XII	HSC	83.23 %
2013	X	CBSE	9.2

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## SCHOLASTIC ACHIEVEMENTS

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- Secured 2<sup>nd</sup> position in '**Best Manager**' at Pillai College's annual festival 'Alegria' (2019).
- Secured 2<sup>nd</sup> position in ETSA's debate competition '**SAMVAAD**' conducted at PCE, New Panvel (2019,2018).
- Secured 2<sup>nd</sup> position in '**Placement Mantra**' conducted at RAIT College, Nerul (2015).
- Awarded scholarship through **Maharashtra Talent Search Examination** (2012).

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## PROJECTS UNDERTAKEN

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<b>Energy Efficient Cooling Through Radiation</b>	(2018-2019)  The ultimate objective was to develop various composite thin films with different surface modifications, which would enhance the radiation in such a manner that we would be able to implement these films for passive cooling.
<b>Project Based Learning</b>	(2016-2018)  <ul style="list-style-type: none"> <li>• Semester 3 : Truss Bridge</li> <li>• Semester 4 : Electronically Controlled Catapult</li> <li>• Semester 5 : Aelophile/Hero's engine</li> <li>• Semester 6 : Flat Plate Solar Water Heater</li> </ul>
<b>Business Plan Competition</b>	(2018)  The aim was to develop a cost effective automated wheelchair by improvising the design as per consumer's need.

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## WORK EXPERIENCES

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- **Maintenance Trainee at Propellant Complex(ISRO), RASAYANI (2019)**

**Objective: Extensive training (both practical and theoretical) on the maintenance of mechanical elements (like pumps, valves, etc) was conducted for 3 days**

- **Internship at BP Refcool**

**Objective: Technical sales engineer for ACREX 2019**

- **Internship at HOCL, RASAYANI**

**Position : Trainee**

**Responsibility: Managing Production Processes**

**Duration : 18<sup>th</sup> June, 2018 – 4<sup>th</sup> July, 2018**

- **Internship at EMC, THANE**

**Position : Trainee**

**Responsibility: Design and calculations**

**Duration : 18<sup>th</sup> December, 2017 – 20<sup>th</sup> January, 2018**

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## TECHNICAL SKILLS

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- Design and Analysis Softwares : SolidWorks, AutoCAD, Ansys APDL
- Graphic designing : Adobe Photoshop, Adobe Illustrator

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## EXTRA-CURRICULAR ACTIVITIES

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- Event Organizer and Speaker of PCE's initiative 'ANUBHAV' (2019)
- Completed the certified course of 'Financial Literacy' organized by IIT Bombay (2018)
- Member of ISHRAE's PCE Student Chapter Committee (2017-2019)
- Team Leader of AESA-MESA Magazine (2017-2018)
- Event head of L2+L3 Robotics at Pillai College's annual festival 'Alegria' (2017)

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## PERSONAL INFORMATION

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- Hobbies: Reading novels, Content writing/creating, Team/Individual sports, Graphic designing
- Phone Number: 8689892076 (mobile)

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## DECLARATION

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I hereby declare that all the details furnished above are true to the best of my knowledge and belief.  
Place: New Panvel

Signature

Shravan Raikar