

# FAISAL MAGDUM

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DOB 05.11.1994

## ACADEMIC QUALIFICATIONS

Qualification	Board/University	Graduation Year	Percentage/CGPA
B.E. (Mechanical)	M. H. Saboo Siddik COE, Mumbai	2016	8.1/10
H.S.C.	R. K. Talreja College, Ulhasnagar	2012	82%
S.S.C.	M. K. E. School, Kalyan	2010	90.55%

## EXTRA-CURRICULAR ACTIVITIES

- 2016 Technical Head of Team M.H.S.S.C. Racing India for SUPRAE INDIA, 2016.
- 2015 Member of Team M.H.S.S.C. Racing India for FS India, 2015.
- 2014 Presented a technical paper on 'Eco-Friendly Fuels' at GREEN'14 in MHSSCOE.
- 2014 Attended a 2-day workshop on Aerodynamics at MHSSCOE, Mumbai
- 2014 Attended a 2-day workshop on Automobile & Vehicle Dynamics at K.J.S.C.E., Mumbai

## ACADEMIC PROJECTS & REPORTS

- 2016 **Design & fabrication of the suspension system of a Formula-style car**  
*I assisted in designing a suspension system with the use of various design and analysis softwares like Solidworks, Ansys and Suspension Analyze. The fabrication was done using processes like CNC, WaterJet cutting, welding, lathe machining and hot rolling.*
- 2016 **Design of a Hydraulic Press**  
*Using Solidworks, I designed a Hydraulic Press with approximately 80kN force*
- 2015 **Pick and Place Robot**  
*Assisted in developing a Pick & Place Robot working on a 5-volt input and microcontroller PIC 16F877A. Geared DC motors and servo motors were used to perform the work.*

## I.T. PROFIEICIENCY & SKILLS

Modeling Softwares	AutoCAD, Pro/E and Solidworks
Analysis Softwares	Ansys
Programming Language	C
Language Proficiency	English, Hindi and Marathi
Other	Microsoft Office Suite

## INDUSTRIAL VISITS & EXPERIENCE

### Reliance Thermal Power Plant, Dahanu

*Studied the construction, working and maintenance process of a thermal power plant in detail*

### Gokul Milk Dairy, Vashi

*Studied the various refrigeration and heating machineries used in pasteurization and preservation of milk and milk products*

### Volkswagen Assembly Plant, Pune

*Studied the working of an assembly line and various assembly line processes. Acquired in-depth knowledge of various quality control measures used for production of Skoda, VW Polo and VW Vento automobiles*