



## Atiq-Ur-Rehman Fareedi

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### Objective:

I am a progressive, ambitious and enthusiastic person committed to the task undertaken. I am innovative in thinking approach and result oriented team player. I have the ability to assess opportunity and risks along with capability to manage stress, time and people with conformity to organizational goals.

### Academic Qualification:

Year	Qualification	Board/University	Result
2014-2018	BS Mechanical Engineering	HITEC University Taxila Cant	CGPA 3.17/4.00
2012-2014	F.Sc Pre-Engineering	Board of Intermediate and Secondary Education Rawalpindi	80%
2010-2012	Matric	Board of Intermediate and Secondary Education Rawalpindi	74%

### Semester Projects:

- Heat Transfer analysis through Fins of Honda 125cc Engine
- Design and Fabrication of Geneva Wheel on CNC Milling Machine
- Design and fabrication of Multi-Nut Wheel Fastener
- Kinematic analysis of Piston Cylinder Mechanism
- Design and Fabrication of Flapping Wing Mechanism
- Skid Steer Bobcat Loader Design and Stress Analysis

## FINAL YEAR PROJECT

### THERMODYNAMIC AND HEAT TRANSFER ANALYSIS OF 4-STROKE SI ENGINE

Conducted simulation on 4-stroke spark ignited engine to predict in-cylinder pressure, temperature and heat transfer using empirical co-relations. Predicted temperature, pressure and heat transfer with in the reasonable agreement with the results available in literature.

### Computer Skills:

- Technical Software: AutoCAD (2D+3D), ANSYS
- Programing Software: MATLAB, C++
- Office tools: MS Office (Word, Excel, Power Point)

### Hobbies/Interests:

- Books Reading
- Playing Cricket

### Reference: