



Mustansar Hayat Saggu

PERSONAL PROFILE:

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Date of birth: 12-07-1986

MAILING ADDRESS

House #125 Lane #4 Askari 13 Adayala Road Rawalpindi Pakistan

PROFILE:

- ❖ A creative and enthusiastic person: with a diverse range of outgoing strong and effective organizational and communication skills..

CAREER FOCUS:

To Excel in the field of Mechanical Engineering

ACADEMIC QUALIFICATION:

Current : **PhD in progress from (IIUI Pakistan)**
Coursework is completed with CGPA (4/4).
From –To: September 2010 – February 2013(Completed)
Title of Qualification: MSc. Mechanical Engineering (Gpa3.26)
Awarding Institute: **UET,Taxila.**

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| From –To: | December 2003- September 2007 |
| Title of Qualification: | BSc. Mechanical Engineering (With Hons.) |
| Awarding Institute: | UET,Peshawar. |
| From –To: | Dec 2001 - May 2003 |
| Title of Qualification: | F.Sc |
| Awarding Institute: | Military College Jhelum |
| Title of Qualification: | Matric |
| Awarding Institute: | Military College Jhelum |

PROFESSIONAL SUMMARY

- Currently working as **Lecturer** Mechanical in International Islamic University from Sep 2013 Islamabad Teaching **Statics, Dynamics and Strength of Material.**
- **From Sep2011 to Sep 2013** I worked for **TEVTA** (Technical education and vocation authority) as Deputy Director(HVAC) my job description was Purchasing and installation of equipment related to HVAC and Course contents enhancement in HVAC.
- **From Sep 2009 to Sep 2011** I worked at Wah Engineering College as **Lab Engineer** **TEACHING** software like pro-e ,ansys,autocad, IC Engines and Fluid Mechanics Lab.
- **From Sep 2008 to June 2009** I worked for **Dewan Salman Fibre in Polymer maintenance Department** as Management Trainee for Maintenance of heavy machinery

OTHER SKILLS

- C OPERATING LANGUAGE
- AUTOCAD 2004
- PRO – ENGINEERING (wildfire 4)
- Ansys 9
- MS OFFICE

PROJECTS

B.E Final year Project:

Four wheel steering system for light weight vehicle

M.Sc Project:

Development of a controlled atmosphere austempering furnace for the development of Austempered Ductile Iron and Aluminum Heat Treatment.

Austempered Ductile Iron

Austempering is generally used for the heat treatment of steel and ductile iron. By austempering we can produce two type of structure in case of steel ferrite and carbide (also known as bainite) and iron will produce ferrite and austenite called ausferrite. It will improve mechanical properties of material and eventually reduce distortion. We can vary the austempering process in response to which microstructure will change. If material selection goes wrong the resulting structure could be bainite or ausferrite and this process will not be called austempering process. This microstructure can be produced by using some other method i.e this microstructure can be produced by air cooling and adding proper alloying contents. The material formed by these processes is not named as AD iron.

SEMESTER PROJECT

- Design of Spur Gear in Pro-e
- Design and Analysis of beams in Pro-e and Ansys.

HOBBIES AND INTERESTS

❖ Cricket ,badminton ,foot ball, net surfing and watching movies

LANGUAGES

- English,
- Urdu
- Punjabi