

# Muddassar Latif Awan

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## Personal Profile

I am energetic, ambitious and positive person who has developed responsible approach to any task that I undertake. As a graduate with years of experience I am excellent in working with others to achieve a certain objective on time with excellence.

## Education

<b>2012 – 2016</b>	Bachelor of Sci.(Mechanical)	The University of Lahore
<b>Grade achieved:</b>	<b>CGPA 3.69 /4.00</b>	<b>3677/4400</b>
<b>2008 – 2011</b>	DAE Mechanical	PBTE Lahore
<b>Grade achieved:</b>	<b>A</b>	<b>2517/3350</b>
<b>2006 – 2008</b>	Matriculation	BISE Lahore
<b>Grade achieved:</b>	<b>A</b>	<b>635/850</b>



## Major Courses

- ✓ Machines Design
- ✓ Thermodynamics
- ✓ Machining Process
- ✓ Quality Control and Assurance
- ✓ Power Plant Engineering and Energy Resources
- ✓ I.C Engines
- ✓ Refrigeration and Air Conditioning
- ✓ Installation, Testing and Maintenance of Machine
- ✓ Fluid Mechanics
- ✓ Mechanical Vibration
- ✓ Metal Cutting and Machinery Tools
- ✓ Hydraulic Machinery
- ✓ Engineering Economics
- ✓ Environmental health and safety

## Mini Projects

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- ✓ To make a Gear Train
- ✓ Making of mini solar power generator
- ✓ To modify the design of bike carburetor

## Final Year Project

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- ✓ Cost Estimation, Design and Fabrication of chemical Storage tank

## Internships

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- **6 weeks** Internship in **PITAC** Ferozpur Road Lahore  
In that duration I remained under training in the following departments:
  - ✓ Design section
  - ✓ Machine shop,
  - ✓ Heat treatment Section
  - ✓ Plastic molding department
- **8 weeks** internship in **Mechanical Department UOL**  
In that duration I remained under training in the following section:
  - ✓ Maintenance Section
  - ✓ Mechanical Engineering Laboratories

## Certificate and Trainings

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|---|---------------|----------------|
| ✓ Training Machine Shop                                   | <b>PITAC</b>  |                |
| ✓ Certificate in AutoCAD                                  | <b>PITAC</b>  |                |
| ✓ CPD 0.5 Certificate in Computer Aided Design/Solid Edge |               | <b>QEC UOL</b> |
| ✓ CPD 0.5 Certificate in Computer Aided Engineering/Ansys |               | <b>QEC UOL</b> |
| ✓ Cascading HEC's FPDP                                    |               | <b>QEC UOL</b> |
| ✓ Drug Free Workplace                                     | <b>ALISON</b> |                |
| ✓ Back Safety   | <b>ALISON</b> |                |
| ✓ Responding to Gaseous Fueled Vehicle Incidents          | <b>NFPA</b>   |                |
| ✓ Responding to Hybrid/Electric Vehicle Incidents         | <b>NFPA</b>   |                |
| ✓ Responding to Fuel Cell Vehicle Incidents               | <b>NFPA</b>   |                |

## Work Experience

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**2012 – 2018**

**Lab Technologist (Mechanical Engg. Department)  
The Univeristy of Lahore**

Main duties performed:

- i. Supervision, repairing, callibration,
- ii. Preventative and corrective maintenance of Laboratory Equipment's,
- iii. To demonstrate the basic consepts of engineering to student,
- iv. Development of laboratory manuals
- v. To help the students during practicals
- vi. Ensure availability of all tools,spares and parts
- vii. Prepare correspondence
- viii. External visit to supplier,vendor or markeet when required

- 1.Mechanics of Machines Laboratory
- 2.Refrigeartion and Air Conditioning Laboratory
- 3.Heat and mass Transfer Laboratory
- 4.Mechanical Vibration Laboratory (current)

**2011 – 2012**

**Mechanical Supervisor/Technician SKA Engineering**

Main duties performed: Schduled and breakdown maintenance, supervision, to lead the group to complete the task, to install new equipments as per drawings.

## Skills

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AutoCAD (2D and 3D), MS office, Solid Edge, Web surfing, Research work

- ✓ Always positive
- ✓ Socially aware
- ✓ Good listener
- ✓ Problem solving
- ✓ Presenter
- ✓ Debater

## Hobbies

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Cricket, Book reading, News, poetry, sports, adventures, Traveling