

# ABDULLAH ASIF

abdullahasif2019031@gmail.com  
+92 (331) 9544343

## Address

House No. 274, Street 25, Sector F-10, Phase 6 Hayatabad  
Peshawar, Kp  
Pakistan

**Objective** Enthusiastic, highly motivated Material Engineer with proven leadership capabilities, who likes to take initiative and seek out new challenges.

**Education** **Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)** Topi, PK  
Bachelor of Science in Materials Science and Engineering  
CGPA: 2.79/4.00  
2019 - 2023

**Edwardes College Peshawar** Peshawar, Pakistan  
F.Sc  
Result: 828/1100  
2017 - 2019

**ST. Mary's High School, Peshawar** Peshawar, Pakistan  
Matric  
Result: 941/1100  
2006 - 2017

**Work Experience** **Cherat Cement Company Limited** Nowshera, Pakistan  
Job Training of 6 weeks, each week was specified for a particular area  
Week 1: Crusher Area  
Week 2: Raw Press  
Week 3: Coal Mill/Kiln  
Week 4: Cement Grinding  
Week 5: Cement Packing  
Week 6: Work Shop  
June 21, 2022 - July 31, 2022

**Final Year Project** **Reverse Engineering of Automobile Brake Pads**  
Examining Imported High Quality Brake Pads and then Manufacturing them locally with Improved Quality and of Low Cost.

**Academic Projects** **Dual Phase Production in Steel**  
Producing dual phase of Pearlite and Bainite.  
**Methods of Decarburization**  
Explaining different methods of decarburization through heat treatment process.

**Selection of right welding process**  
Selection of right welding process out of GTAW and PAW in given cases.  
**Uses of Core in casting process**

Explaining uses of core for given complex engineering problem.  
**Manufacturing of Hitch Ball**

Explaining different processes through which Hitch ball can be manufactured.

**Proposing raw materials for Thrust Vector Devices to avoid their catastrophic failure in operation**

Proposing raw materials and their composition for manufacturing of thrust vector devices through powder metallurgy route and eliminating catastrophic failure from them.

**Anodizing of metal**  
Colored anodizing of Aluminum and Titanium metal.

**Skills**

- Heat treatment process
- Fusion and Non-Fusion welding
- Destructive and non-destructive testing techniques.
- Casting Processes
- Corrosion analysis
- Corrosion Protection
- CAD/CAM: Solidworks, Creo
- SEM and EDS analysis and use of gwyddion software
- XRD analysis
- Metallography
- Gamry, used for determining corrosion testing
- Magnetron Sputtering
- Powder production and use of powders for manufacturing
- Hardness testing
- Time Management, Punctual