

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
	Bachelors of Science in Materials Science and Engineering	2019 - 2023
	CGPA: 2.79/4.00	
	Edwardes College Peshawar	Peshawar, Pakistan
	F.sc	2017 - 2019
	Result: 828/1100	
	ST. Mary's High School, Peshawar	Peshawar, Pakistan
	Matric	2006 - 2017
	Result: 941/1100	
Work Experience	Cherat Cement Company Limited	Nowshera, Pakistan
	Job Training of 6 weeks, each week was specified for a particular area	June 21, 2022 - July 31, 2022
	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	
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	