

Muhammad Haider Farooq

Materials Engineer

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H # L-10, Peer Khan Street, Musa Zai Colony, Near
Gillani Hospital, Kalapul, Mirpur,
Abbottabad

Technical skills

- Proficient in MS Office
- Adobe Photoshop
- Abode Premiere Pro
- Adobe Auditions
- Coral Draw
- Xpert Highscore
- Gwyddion AFM Software
- AutoCAD/ Creo Parametric
- Professional Photography

Education

**Ghulam Ishaq Khan Institute of
Engineering Sciences and Technolo-
gy (GIKI), Topi, PK (2014 – 2018)**

Bachelors of Science in Materials
Engineering

CGPA: 2.98/4.00 (77.77%)

**Abbottabad Public School,
Abbottabad, PK (2012 – 2014)**

F.Sc Pre-Engineering

Result: 825/1100

**Abbottabad Public School,
Abbottabad, PK (2010 – 2012)**

Matriculation

Result: 910/1050

Achievements

- Second Position of FYP at Industrial
Open House & Careers Fair GIKI
2018
- Best Member award for year
2016-2017 in MediaClub GIKI
- Member Human Welfare Society
Project Topi

Objective

Seeking career opportunity as an entry level engineer in a growth orient-
ed organization where I can grow professionally and enhance my skills
and knowledge by being an integral part of the team that contributes to-
wards the welfare of the organization as well as learn new management
skills.

Work Experience

- Internee at Sadiq Oil Extraction (Pvt) Ltd, Sahiwal, Pakistan.
- Internee at Advanced Research and Development Integration and
Information Center, Heavy Industries Taxila, Pakistan.
- Director Technical Department & Head of Liaison Team at Medioclub
Giki.

Final Year Project

- **Efficient printing of electronic circuit with inkjet printer using
conductive ink based on sintered silver nano-particles**

Our project aims towards the synthesis of a conductive ink based upon
silver nanoparticles. The ink would be used to print foldable electronic
circuits within a very short time and over multiple type of substrates.

Relevant Courses & Projects

- **Alloy Production:**
Production of aluminium crankshaft using sand casting technique.
- **Polymer Science & Engineering:**
Synthesis of glass fiber reinforced Polymer matrix composite.
- **Heat Treatment:**
Salt bath heat treatment of mild steel.
- **Corrosion and Degradation of Materials:**
Determination of corrosion rate of mild steel using weight loss method.
- **Electronics:**
Dual Tone Modulation Frequency (DTMF) controlled robot (Titled as
Best Project).
- **Supply Chain Management**
Review and proposal of new communications system at Heavy Indus-
tries Taxila
- **Project Management, Occupational Health & Safety, Materials
Evaluation Techniques, Materials for energy & Environment,
Cements, Ceramics & Glasses**