

GAZALI LIAKAT ALI

House#38, street # 2, Ghouri town, phase 2, Khanna east, Islamabad |
+92 332 5338571 | enr.gazali@gmail.com



OBJECTIVE

GIK Institute graduate with BSc. in Materials Engineering, and specialization in Manufacturing, having experience in academia, express and logistics department and fifteen months of internship experience in private as well as government sectors. Seeking to leverage acquired academic knowledge and work experience to effectively fill the position for management trainee/associate engineer/project engineer. A dedicated worker aiming to help achieve company goals and take on more responsibility as quickly as possible. For that I'm flexible enough to adjust in any kind of work environment and adoptable according to the work diversity and its requirements.

EDUCATION

2017-present (Taxila)	University of Engineering and Technology (UET), Taxila. Master of Science (M.Sc) in Mechanical Engineering, specialization in Metallurgy and Materials Engineering (In Progress) CGPA: 3.44
2013 – 2017 (Tapi)	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Bachelor of Science (B.Sc) in Materials Engineering, with specialization in Manufacturing Engineering. (PEC #: METAL/04917)
2010 – 2012 (Islamabad)	Punjab College of Science, F-8/4 Higher Secondary school certificate (HSSC), <i>Pre-Engineering</i> Grade: A / 1st Div - 72%
2009 – 2010 (Islamabad)	SLS Montessori & High School, G-11/4 Secondary school certificate (SSC), <i>Science Group</i> Grade: A1 / 1st Div – 82%

WORK EXPERIENCE

Nov 2017 – present	TCS – Courier Service <ul style="list-style-type: none">Provides full suite of customer services offerings (e.g. shipment status, tracking and other related queries) to customers.Analyze customers' needs and preferences correctly. Then evaluating options to choose the best solution for them
July 2017 – present	Lab Engineer, Swedish College of Engineering & Technology (Affiliated with UET, Taxila). <ul style="list-style-type: none">Lab Engineer, Engineering dynamics and Engineering Statics labs.Hands on Experience on metallography, optical microscopy.
May – July (2016) (9 weeks) (Internship)	PCRET (Pakistan Council of Renewable Energy Technologies), Ministry of Science & Technology, Govt. of Pakistan, H-9/1, Islamabad <ul style="list-style-type: none">Linear Fresnel Reflector, Solar Thermal Power Generation Project with Laser Alignment of flat mirrors which focuses sunlight on the tube of



water to produce steam, which runs the generator and hence the turbine to produce electricity.

July – Aug
(2015)
(6 weeks)
(Internship)

Tesla Technologies, I-10/3, Islamabad

- Gas geyser thermostat assembly line and testing
- Electrical Element assembly line and testing
- Solar panels assembly line and testing



FINAL YEAR PROJECT (3rd position in Industrial Open House)

Design and Development of a multi-material filament Extrusion Machine for Bio-composite filaments

- Making Filament Extrusion Machine to extrude Bio-composite filament. Using this filament on 3D printer to fabricate a scaffold as a biodegradable implant inside the human body.
- Secured 3rd position in Industrial Open House at GIK Institute.



COMPANY ASSESSMENT OF MCDONALD'S

Business plan and Business Model of McDonald's

- Collaboration in the name of GIK Institute was made with McDonald's Pakistan in order to do the Company assessment. Business model and business plan were studied such that publicity and marketing improvement strategies could be implemented.

CERTIFICATIONS

Certification of completing "Project Planning and Management" course from University of Virginia

- This course was studied online on Coursera, through University of Virginia and have completed the tasks, assignments and quizzes on time with a minimum of 80% in each. The course certificate was earned on April 2, 2017.

Certification of Advance Training Course on Occupational Health and Safety

- Course contents included Basics of OH&S, OH&S Management System, Risk Management, Fire safety, Electrical safety, Chemical Safety, Investigation procedures & PTW, Ergonomics, Equipment and machine safety, Protecting our Environment, Psychological hazards & controls.

SKILLS AND EXPERTIES

Software	Adobe Photoshop CS-5, Adobe Illustrator CS-6, Ansys – APDL, X'pert Highscore – PANalytical, PTC Creo – Product designing software, DEV++ Programming software
Machines	Scanning electron Microscope, X-ray Diffraction (XRD) Machine, Hardness testing machines, Tensile testing machine, Lathe machine, Drilling machine, Milling machine, Shaper, Rolling machine
Techniques	Non-Destructive Testing (LPT, MPT, Ultrasonic Testing etc), Welding processes

SOCIETIES AND PARTICIPATIONS

2015 – 2017	<p>Member of IAESTE Executive Council and honored with post of Director Technical for the tenure of 2017</p> <p>Member IAESTE (International Association for Exchange of Students for Technical Experience), 2015</p>
2014 – 2017	<p>Member of SMEP Executive Council and honored with post of Director Technical and Director Sponsorship for the tenure of 2017</p> <p>Technical Head and Sponsorship head, <i>SMEP GIKI Chapter</i> for Techfest'16 and Renaissance'16</p> <p>Technical Head, <i>SMEP GIKI Chapter</i> for Techfest'15 and Renaissance'15</p> <ul style="list-style-type: none">• Designed four flexes for the modules of All-Pakistan event• Designed shields and certificates for the participants of the event <p>Liaison member, <i>Society of Mechanical Engineers of Pakistan, GIKI Chapter</i></p> <ul style="list-style-type: none">• As a member of SMEP, actively organized Techfest'14 and Renaissance'14, the two All-Pak events. <p>Winner - SMEP All-Pakistan event</p> <ul style="list-style-type: none">• I was ranked winner in three modules of SMEP All-Pak<ul style="list-style-type: none">▪ Prototech (Winner)▪ Mechmania (Winner)▪ Industrial Technovation (Runner-up)
2013	<p>Member ASM (American Society of Materials), GIKI Chapter</p>