



Faculty Profile

Full Name: ANWAR ANIS AHMAD

Position/ Designation: ASSISTANT PROFESSOR

Faculty/Department: MECHANICAL

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Experience

Working in NAZEER HUSSAIN UNIVERSITY KARACHI dealing in OBE and SAR report for HEC till today

1) June 2015- to 2019 : Assistant Professor at Hamdard University of Engineering and Technology

2) Nov 2013-June 2015: Assistant professor at Swedish college of Engineering and Technology, Rahim Yar Khan; Teaching power plant, energy resources and utilization, industrial material, statics, energy conservation and its efficiency, energy drawing and graphics Steam generation and steam turbine., Material engineering

June 2012- June 2013: Deputy General Manager at IMTECH (PVT) Limited, Karachi

Duties and Responsibilities: Inspection for API Line Pipes, PE Pipes, CNG Stations, LPG

_____Stations, Pressure Vessels, Boilers etc.

Oct 2011-March 2012: Quality Control Manager at Electro polymer (PVT) Limited, Karachi

Duties and Responsibilities: Managed quality for headlights/tail lights, bumpers, side turn, for Pak Suzuki Motorcycle/Car Division, Atlas Honda Car, Millat Tractors, Ravi Motors And Yamaha through ERP Quality Control System.

Also worked in Molding, Metalizing and Assembly Departments as Production Supervisor.

3) June 2010-Sept 2011: Assistant Manager Production MERAJ Engineering, Korangi Karachi

Duties and Responsibilities: Managed production/fabrication of Aviation fuel bowser, firefighting tenders/trucks and centrifugal pumps.

4) March 2009- June 2011: Business Development Manager at Speedy Automation (Instrumentation), Karachi

Duties and Responsibilities: Visits to all industrial customers including Pharma, textile etc in Karachi and inform our company products which includes

Energy monitoring for their plant: using flow meters, energy analyzer, energy meter, solar panels etc. to check boiler efficiency, energy consumption etc.



Tendering business for utility company like SSGC including items like ball valves, pressure controller, pressure transmitter, cathodic protection equipment, control valves, regulators

Pressure gauges, PLC, holiday detectors, pipe locator's current pipeline mapper etc.

5) Sept 1996-June 2008: Industrial Thermo polymer, Brampton (Canada). Worked in Extrusions Machines.

Duties and responsibilities:

- Review all quality issues on all operations at all inspections station in the machine and/or assembly departments, as assigned, without the need for additional training
- Perform necessary receiving, in process and final inspection of products prior to shipment.
- Communicated with customers regarding any quality related issues and providing guidance and solutions
- Provide employee training, evaluation discipline actions.
- Checked all dimensions and operations performed on machine parts or assembling the process as per instruction sheet.
- Reviewed parts returned from customers for defect identification and give recommendation for repair or scrap.

-Made visual inspection and various hand tool measuring instrument and gauges to ensure materials, parts, components and finish products meet prescribed quality standards as established by blue print and other specification.

-Managing a work force of approximately 20 personal including training, coaching, planning, and correcting in appropriate behavior.

-Had the responsibility or working safely to avoid accidents and using the protective equipment and safety devices provided.

6) Sept 1988- August 1995: Salim Enterprise, Karachi, Pakistan

Duties and Responsibilities:

Importer and retailer of iron and steel sheets comprised of hot rolled sheets, cold rolled sheets, and galvanized/color sheets used for air conditioning ducts, automobile manufacturing, roofing, water heaters, air coolers, tanks, pipes, bridges etc. Responsible for obtaining letters of credit and retiring documents from banks, clearance of material from port authorities to bonded warehouses, and all selling and credit recovery from the buyers.



Supervised cutting and handling of the coils of iron and steel into sheets.

Monitored inventory at the warehouse and retail shops.

Responsible for trading of domestically manufactured iron products.

7) April 1983- July 1985: General Products group Ltd (Subsidiary of GEC, Karachi, Pakistan)
Duties and Responsibilities:

Supply, Installation, and Maintenance for elevators and generators.

Responsible for preparation of tender documents, induce particular specifications in architectural drawings for feasibility of projects, quote update pricing, and installation and maintenance work on contract basis.

PROFESSIONAL COURSES:-

1. MS Office
2. Workshop on “Preparing Bidding Documents”

ACHIEVEMENTS:-

- Worked on prime mainframe computer like Honeywell and Univex.
- Experience with microcomputers PCs like IBM, AT&T and Philips
- Languages. Fortran, Basic and Word star
- Certificate in M.S Office, Excel
- 547 Score on TOFEL (Test of English as a Foreign Language)
- 1190 Score on GRE (Graduate Record Examination)
- Worked in an ERP Environment
- Engineering software (ANSYS)
- EFU Insurance test passed with 80%
- 63 score on NTS PAK

PROJECT WORK:-

- Design of an ammonia compressor for an ice plant.
- Study of wind energy using pumped hydro storage in Kirthar Hill area, Sind

EXTRA CURRICULAR ACTIVITIES:-

- Participated in debate competition
- Participated in Department sports festival playing cricket and hockey

INDUSTRIAL VISITS:-



- 1. PAKISTAN STEEL MILL 2. PAK SUZUKI 3. TOYOTAINDUS MOTORS
4. THATTA CEMENT FACTORY LTD5. INTERNATIONAL INDUSTRIES LTD
AND 150 INDUSTRIES**

SKILL HOBBIES:-

Good Communication skills, Presentation Skills, Current affairs, Reading books, Net surfing

REFERENCES:

-Dr Anjum Khalid- Professor of Mechanical Engineering Department at NED University of Engineering and Technology, Karachi

-Dr Shakoor Ahmad- Head of Mechanical Engineering Department at Swedish College of Engineering and Technology, Rahim Yar Khan
Cell number: 03333971590

-Dr Afzal Ahmad- Head of the Mechanical Department PEAC Multan
Cell Number: 03022555268

-Dr Mubashir Siddiqui- Chairman of Mechanical Department at NED University of Engineering and Technology, Karachi

Educational Information

<i>Qualification</i>	<i>Year</i>	<i>Majors</i>	<i>Percentage or grade</i>	<i>Institution</i>
COURSE WORK COMPLETED FOR PHD	2015	Mechanical Engineering	GPA 3.24	NED University of Engineering and Technology, Karachi
M.E:	1988	Mechanical Engineering	GPA 3.20/4.00	Lamar University, Beaumont, Texas, USA
B.E:	1984	Mechanical Eng.	1 st division	Ned University of Engineering and



				Technology, Karachi
Intermediate	1977	Pre Engineering	1 st division	DJ Sind Govt.Science College, Karachi
Matric	1975	Science	1 st division	St. PAUL English High School Karachi

SITY, Research/Publications

**HUPEC 2018 FROM HAMDARD UNIVERSITY
MEMBER INSTITUTION OF ENGINEERS PAK**

**CERTIFICATE OF HONOUR IN HAMDARD UNI FOR
ENTREPRENEURSHIP AND EXHIBITION AND COMPETITION**