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Date of Birth: March 11th, 1985

MARIA IRUJ

WHO I AM

- Perceptive and ingenious academic professional with more than 6 years of experience, possessing deep insight into course designing, delivering, & assessing the students by various methods. Steady professional with self-driven attitude towards students dealing & counseling to help them achieve their academic goals, along with striving towards the organizational vision & mission.
- Skilled individual, having strong communication & influencing skills, capable of handling different academic situations & problems.
- Result-oriented and meticulous individual with potent leadership qualities, having rational approach towards optimum utilization of resources. Motivated and team spirited professional with strong interpersonal and presentation skills.
- Have a consecutive record of very positive students' & employer's feedback.

CORE STRENGTHS & ENABLING SKILLS

- Course design and Content Management
- Corporate Communications and PR skills
- Students Advisory and Counseling
- Capacity to adopt experiential learning

EDUCATION

- **PhD Scholar:**
PhD in Manufacturing Engineering - in progress
- **M.E MANUFACTURING ENGINEERING (2012, CGPA 3.51) NED UNIVERSITY, KARACHI.**
Major courses: Advanced Manufacturing Processes, Lean & Agile Manufacturing, Operations Management, Advanced Statistics, Total Quality Management, Reliability Engineering.
- **B.E (INDUSTRIAL & MANUFACTURING TECHNOLOGY, 1ST DIVISION) IN 2007 FROM NED UNIVERSITY, KARACHI.**
Major courses: Applied Thermodynamics, Applied Heat Transfer, Finite Element Analysis, Plant Engineering, Manufacturing Processes, Tool & Machine Design, Production Management, Quality Control, Operations Research, Management Information System (MIS) along with basic courses of mechanical engineering and advanced courses of applied mathematics & statistics.
- **FINAL YEAR PROJECT:**
Developed software for daily production planning and material management system at Agri Autos (Pvt.) limited, Karachi. The company is one of the leading automotive components manufacturers in the private sector and the first company in Pakistan to acquire TS16949 certification. The product range covers both original equipment manufacturers (OEM) and aftermarket.
The successful implementation plan designed by my team was highly appreciated & implemented with minor amendments. We, as a token of appreciation for our efforts, got a job offer from the management of Agri Autos.
- Higher School Certificate (Pre-Engineering A-1 Grade, 2003) St. Lawrence Govt. Girls College, Karachi
- Secondary School Certificate (Computer Science, A-1 Grade, 2001) The City Grammar School, Karachi

EXPERIENCE

- **LECTURER, DEPARTMENT OF INDUSTRIAL AND MANUFACTURING ENGINEERING, NED UNIVERSITY OF ENGINEERING & TECHNOLOGY (1-11-2018 TILL DATE)**

Transferred on the recommendation and requirement of this department against the vacant position

- o Have been serving in the departmental OBE (outcome based education) team for successful OBE system implementation process in the department.
- o Serving academic load of up to 18 contact hours each semester
- o Managing and executing the industrial visits for the students
- o A front desk spokesperson to guide the new students in selecting the engineering field in the university
- o Supervised four final year projects as second supervisor

- **LECTURER, MECHANICAL ENGINEERING DEPARTMENT, NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY (26-3-2018- 31-10-2018)**

- o Delivered the basic mechanical engineering course to mechanical and other departments (chemical engineering, polymer and petrochemical engineering, materials engineering & petroleum engineering department) by designing the course contents as per the respective department
- o Served an academic load of up to 18 contact hours
- o Designed an intensive course on curriculum design and faculty development for the faculty.
- o Conducted a special course of 4 weeks for draftsmen and auto mechanic technicians funded by the government

- **VISITING FACULTY AT PNEC-NUST (FROM 16-8-16 TO 15-6-18)**

- o Conducted different courses each academic semester, majorly Project management, Production, Tooling, Automation, Manufacturing Processes and Metrology & Gauging, at the department of Mechanical Engineering & the department of Industrial & Manufacturing Engineering, for both local and international students, as well as military cadets
- o Arranged industrial visits & guided the students for their final year projects

- **JUNIOR LECTURER & LAB ENGINEER AT INSTITUTE OF BUSINESS MANAGEMENT (IOBM), KARACHI (FROM 6-9-2014 TO 4-8-15).**

- o Conducted a theoretical course & 2 labs each semester
- o Used to prepare the minutes of the weekly departmental meetings & carry out the tasks defined in them
- o Organized the departmental seminars & workshops, & served as the spokesperson for the guest speakers.

- **VISITING FACULTY AT SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI (10-4-12 TO 19-5-12)**

- o Served in the absence of the regular teacher to complete the course of applied thermodynamics
- o Catered the large strength of 400 students

PROFESSIONAL MEMBERSHIP

Member of the Pakistan Engineering Council, membership number INDUS 1133