

# **Mariam Altaf Tarar**

Industrial and Manufacturing Engineer

Lecturer

Institute of Quality & Technology Management,

Faculty of Engineering and Technology,

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## **OBJECT:**

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Interested in joining a dynamic organization with a professional environment in order to use my knowledge for the enhancement of skills as well as career growth.

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## **QUALIFICATION:**

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2012 M.S. Industrial Management, NED University of Engineering  
& Technology

2006-07 B.E. Industrial & Manufacturing, NED University of Engineering  
& Technology

2006-07 4th year ( 78%)

2005-06 3rd year ( 69.8%)

2004-05 2nd Year ( 70.2%)

2003-04 1st Year (69.33%)

2002-03 H.S.C. Pre-Engineering (A Grade 78.8%) Malir Cantt Govt. College

2000-01 S.S.C Science (A-ONE Grade 81%), Shamsi Society Model School

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### **ENGINEERING PROJECT:**

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Design and Development of a Measuring Unit for Gas Meter using REVERSE ENGINEERING Technologies.

Disassembling of Measuring Unit.

Digitizing the parts.

Pro-e Modeling.

Mold designing.

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### **EXTRA-CURRICULAR:**

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Field Visits, I participated in:

- 1) Indus Motor Company, (on 29-03-06)
- 2) HinoPak, Karachi. (On 04-12-06)
- 3) Dawlance, Karachi. (on 13-03-06)
- 4) AgriAuto, Karachi. (on 04-04-06)
- 5) General Tyre, Karachi. (on 21-03-06)
- 6) Taha Engineering, Karachi. (on 25-03-06)

- 7) Sherani Engineering, Karachi. (on 27-02-06)
  - 8) Bolan Casting Ltd, Karachi. (on 14-03-06)
  - 9) Pakistan Machine and Tool Factory (Pvt.) Ltd, Karachi. (on 03-04-06)
  - 10) Atlas Honda, Lahore
  - 11) SKF, Lahore.
  - 12) Pronto, Lahore.
  - 13) Millat Equipment, Lahore
  - 14) Hush Puppies, Lahore.
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#### **INTERNSHIP:**

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DAWLANCE (Private) Limited (6 weeks)

Good exposure to Extrusion, Thermoforming, Press Shop, Paint Shop,

Injection Molding, Foaming, Assembly Shop.

Have Time and Motion Study of all Processes (related to

Refrigerator).

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#### **PROFESSIONAL SKILLS:**

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Computer Skills : MS Office, Primavera P6,

Internet Communication, SPSS

Lathe Cam Designer, Mill Cam Designer,

PLC, ANSYS, Solid Edge & Pro- E.

Programming Languages : G.W Basic & C- Language

Professional Training : UNDP 1month Training of Industrial Engg and  
Apparel Manufacturing

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## **EXPERIENCE:**

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- 1) Artistic Milliner Export Company
  - 2) Rajby Industries
  - 3) Institute Of Business Management
  - 4) Lecturer at Institute of Quality and Technology Management, University of the Punjab.
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## **TAUGHT COURSES**

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1. Project Management
2. Basic Manufacturing Processes
3. Machining Processes
4. Maintenance Management
5. Maintenance Engineering
6. Engineering Mechanics
7. Quality & Reliability Engineering
8. Total Quality Management
9. Managing Organization Quality
10. Workshop

## 11. Metrology and Gauging

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### **PUBLICATIONS AND RESEARCH**

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1. Paper titled “Study of Reliability Centered Maintenance (RCM) of rotating equipment through Predictive Maintenance” has published in INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING RESEARCH AND DEVELOPMENT (IJIERD), Volume 5, Issue 1, Jan- Feb (2014) pp. 10-30
  2. Participated ‘Oral presentation’ in 2nd **International Conference** on Research in Science, Engineering and Technology (ICRSET’2014) scheduled on March 21-22, 2014 at **Dubai (UAE)**.
  3. Participated ‘Oral presentation’ in “First **International Young Engineers Convention 2014**” (IYEC’2014) scheduled on April 18-19, 2014 at **UET, LAHORE**.
  4. Successfully completed research project of “Reverse Engineering of Gas meter” through Research Grant 2011-12, and installed new Die in workshop lab.
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### **WORKSHOPS & CONFERENCES:**

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- 1) One month training of “Master Trainer’s Training of Industrial Engineering and Apparel Manufacturing” organized on 7<sup>th</sup> May 2010 to 7<sup>th</sup> June 2010, by GENPROM and **UNDP**.
- 2) Workshop on “Research Management” on 12-Nov-2010, by IQTM & HEC QEC.
- 3) 3rd **International Conference** on assessing Quality in Higher Education on 6-Dec-2010 to 8-Dec-10, by IQTM & HEC QEC.

- 4) 4th Symposium on Engineering Sciences on 1-Mar-11, by Institute of Chemical Engineering and Technology.
- 5) Workshop on “Literature Review & Managing References Using EndNote Software” on 31-Mar-2011 to 1-Apr-2011, by Institute of Business & Administration (IBA).
- 6) Seminar on “Organization Intelligence” on 13-Jun-11, by Punjab University.
- 7) New Faculty Orientation program 2011 on 5-July-11 to 8-July-11, by **Human Resources Development Centre [HRDC]** and Institute of Administrative Sciences [IAS], Punjab University.
- 8) Workshop on “1st **In-Service Faculty Training Program - Communication Skills**” on 17-Oct-2011 to 21-Oct-2011, by MMG Department, University of the Punjab, Lahore in collaboration with Learning Innovation Division **HEC**.
- 9) Workshop on “Water Resource Management” on 20-Feb-12 to 24 Feb-2012 by AHK NCRD National Centre For Rural Development, Ministry of Professional and Technical Training, Government of Pakistan, **Islamabad**.
- 10) Workshop on “Quantitative Data Analysis using SPSS” on 29th September, 2012, by Office of **Research Innovation & Commercialization (ORIC)**, Punjab University, Lahore.
- 11) Workshop on “Research Ethics, Endnote and Turnitin” on 2<sup>nd</sup>, 3<sup>rd</sup> October, 2012, by Department of Library & Information Science, University of the Punjab, Lahore, Pakistan.
- 12) One week Workshop on “Information Technology Skills and Professional Ethics” from 15th to 19th October, 2012, by Punjab Institute of Management and Professional Development Department, **Government of Punjab**, Lahore.
- 13) One day CPD short course on ‘Renewable Energy Technologies (Solar Energy) held on 28<sup>th</sup> January, 2013 at Institution of Engineers Pakistan, organized by Pakistan Engineering Council (PEC).
- 14) One week Workshop on “**2nd In-Service Faculty Training Program – Professional Ethics, Management & Grooming: assessment and Evaluation**” on 4-February-2013 to 8-February-2013, by MMG Department, University of the Punjab, Lahore in collaboration with **Learning Innovation Division HEC**.

- 15) One month training course of “Project Management Primavera P6 software” on 1<sup>st</sup> Feb 2013 to 1<sup>st</sup> March 2013, by Institute of computer & Business Techniques, Lahore.
- 16) Three days Training course on “Effective Project Management Skills” on 6-May 2013 to 8- May 2013, by Pakistan Planning and Management Institute, Planning commission/ Planning and Development Division. Government of Pakistan, **Islamabad**.

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## **MEMBERSHIPS OF LEARNED SOCIETIES**

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1. Pakistan Engineering Council (PEC) Membership.
2. International Association for Engineering and Management Education Membership (IAEME)
3. International Association of Engineers (IAENG).
4. Pakistan Engineering Congress (PEC) Membership.
5. Institute of Engineers (IEP) Membership.
6. Member organizing committee for International Conference on Accessing Quality in Higher Education.
7. Member of Institutional Scholarship Award Committee, University of the Punjab.
8. Member of Lab Development Committee of Institute of Quality and Technology Management.
9. Member of Curriculum Revision Committee of Institute of Quality and Technology Management.
10. Member of Library Committee of Institute of Quality and Technology Management.
11. Member of Scholarship Committee of Institute of Quality and Technology Management.
12. Member of Industrial Linkage of Institute of Quality and Technology Management.

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## **AREAS OF INTEREST**

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1. Lean Manufacturing
2. Project Management
3. Manufacturing Processes

4. Engineering Materials
5. Engineering Mechanics
6. Machine design
7. Method Engineering
8. Production and Operation Management
9. Sources of energy

#### **PERSONAL INFORMATIONS:**

<b><i>Father's Name</i></b>	Altaf Ahmed Tarar
<b><i>Date of Birth:</i></b>	June 24, 1985
<b><i>Nationality:</i></b>	Pakistani
<b><i>Marital Status:</i></b>	Married