



## **Engr. Waheed Gul**

HoD/Lecturer

Department of Mechanical Technology

waheed@uotnowshera.edu.pk

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### **EDUCATION**

**PhD. Mechatronics Engineering**, Course work complete, Research in Progress  
**University of Engineering and Technology**, Peshawar, Pakistan

**M.S. Mechanical Engineering**, April 2015  
**University of Engineering and Technology**, Peshawar, Pakistan

**B.S. Mechanical Engineering**, June 2009  
**University of Engineering and Technology**, Peshawar, Pakistan

### **PROFESSIONAL TRAININGS**

1. **Visit China on behalf of company for purchasing machinery for plant.**
2. **Radiation protection officer course from Pakistan Nuclear Regulatory Authority.**
3. **Attend one week workshop of SMEDA about Energy management**

### **TEACHING INTERESTS**

Heat & Mass Transfer, Machine Design, Control Systems, Mechanical Vibrations, MEMS, Power Plants.

### **RESEARCH INTERESTS**

Composite Materials, Energy Harvesting, Biomass Gasification

### **EXPERIENCE**

**Employer:** CIEL Woodworks MDF Plant, Peshawar, Pakistan.

**Position Held:** Q.C Manager, 28th Jan, 2011 to Feb 15th, 2015.

**Employer:** CECOS University of IT & Emerging Sciences Peshawar, Pakistan

**Position Held:** Lecturer & Student Internship Co-ordinator, 24th Feb to August, 2016.

**Employer:** University of Technology Nowshera.

**Position Held:** Lecturer & HoD , August, 2016 till date.

### **SOFTWARE SKILLS**

- Pro E.
- Crew
- InPage
- MS PROJECT
- AutoCAD

## RESEARCH PROJETS

- Design and optimization of Biomass Gasification systems for Power Generation
- Composite (MDF) Materials
- Characterization of Pump as Turbine to be tested on Micro Hydro Turbine Testing Rig

## RESEARCH PUBLICATIONS



Source

### **Article: Impact of Hot Pressing Temperature on Medium Density Fiberboard (MDF) Performance**

W. Gul · A. Khan · A. Shakoor

[\[Show abstract\]](#)

Full-text available · Article · Jan 2017 · Advances in Materials Science and Engineering

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### **Article: Characterization of Advanced Encryption Standard (AES) for Textual and Image data**

S Rehman · S Q Hussain · W Gul

[\[Show abstract\]](#)

Full-text available · Article · Nov 2016

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### **Article: Impact of Fiber Separation Quality on Medium Density Fiberboard (MDF) Physical and Mechanical Properties**

Waheed Gul

Full-text available · Article · Aug 2016 · Journal of Modern Italian Studies

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### **Article: Selection of Cutting Parameters for Minimizing the Real Time Current Drawn during Single Pass Turning Operations using Response Surface Methodology**

Adeel Ahmed · Ashfaq Khan · Naeem Khattak · [...] · Peshawar

[\[Show abstract\]](#)

Full-text available · Article · Jul 2015

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### Conference Paper: Improving Physical and Mechanical Properties of Medium Density Fiberboard (MDF)

W Gul · A Khan · A Shakoor

[\[Show abstract\]](#)

Full-text available · Conference Paper · Sep 2015

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### Conference Paper: Characterization of Raw Materials for the Manufacturing of Medium Density Fibreboard (MDF)

W Gul · A Khan · A Shakoor

[\[Show abstract\]](#)

Full-text available · Conference Paper · Nov 2014

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