

Obaid-Ur-Raza

Assistant Teacher of Mathematics

Personal Info

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Gujranwala, Pakistan

Traits

Attention-to-Detail
Critical Thinking
Decision Making
Mature & Positive Attitude
Enthusiastic & Friendly
Quick Learner
Strong Work Ethic
Versatile & Result-Oriented

Knowledge Of

Algebra
Applied Mathematics
Calculus
Combinatorics
Complex Numbers
Exponentials and Logarithms
Geometry
Laplace Transform
Matrices
Maclaurin and Taylor Series
Mensuration
Polar Coordinates
Probability
Sets
Statistics
Transformations
Trigonometry
Vectors

Software

MATLAB
Microsoft Excel
Microsoft PowerPoint
Microsoft Word
PTC MathCAD

Languages

English
Urdu

Highly-motivated Mechanical Engineering Graduate looking to fulfil a position as an Assistant Teacher of Mathematics. Organized, hardworking and energetic. Seeking to leverage communication and problem-solving skills to provide an intelligent and engaging environment for Mathematics learning to enhance students' critical and analytical thinking capabilities. Maintained a 4.0 GPA in all Mathematics courses at University. Achieved A* in Mathematics in O-Level and A-Level.

Education

BEng (Hons) in Mechanical Engineering **2014-2018**
Heriot-Watt University, UK CGPA 3.6

Relevant Coursework

- 2-D Truss Designing & Fabrication
- Harmonic Motion
- Alternating Current Analysis
- Root-Locus Analysis

Favourite Fields of Study

- Dynamics & Thermodynamics
- Mathematics for Engineers & Scientists

Work Experience

Mathematics & Physics Teacher **Aug 2019-Present**
Emerging Pakistan Science Academy, Pakistan

- Deliver Math/Physics lessons to High School students
- Received commendations from all students praising empathy, listening, interpersonal skills, and knowledge
- Encourage class discussion and maintains positive learning environment
- Determine areas of strengths and weaknesses in order to address problematic areas and ensure student progress

Production & Quality Intern **Oct 2018-Jan 2019**
Super Asia (MDS) Limited, Pakistan

Duties

- Collaborated with Production Manager in cutting faulty finished machines
- Measured electrical characteristics of the machines and indexed the data
- Performed time study of assembly line workers
- Prepared miscellaneous reports as requested by the Manager

Researcher **Sep 2017-Apr 2018**
Heriot-Watt University, UK, Dubai Campus

Studied a piezoelectric energy harvester to quantify its power generation capability from the human gaiting motions.

Skills

- Demonstrate a strong ability to analyse and solve problems
- Have an excellent proficiency in Mathematics
- Communicate effectively with individuals and small groups
- Experience in making and giving presentations
- Able to develop and maintain good relationships with colleagues

Certificate

Registered Engineer Certificate, Pakistan Engineering Council (PEC), 2019

Awards

- Earned 2nd position in the UAE Global Management Challenge, 2016
- Won Annual Boys Speech Competition back-to-back in High School, 2010 & 2011
- Won Inter-Class Relay Race on Annual Sports Day in High School, 2010

Volunteer Activities

Participated in the UAE Clean Up the World Campaign, 2012