

HUSSAIN KAUSAR

Mathematics Lecturer

PROFESSIONAL SUMMARY

Professional math teacher with five years of experience. Highly enthusiastic, organized, dynamic, responsible, motivated, and self-directed educational professional. Experience working with students from primary grade students to Under grade students. As a teacher worked with student's strengths, weaknesses, and differences between them and always encourage them to do their best besides creating an atmosphere that inspires productive learning of basic math concepts.

WORK HISTORY

Lecturer, Mathematics, 12/2025 to Current

NED University of Engineering and Technology - Karachi

- Courses: Calculus, Advance Calculus, Linear Algebra, Differential Equation, Laplace Transformation, Numerical Methods
- Key Responsibilities:
- Developed and delivered lectures on different topics through multimedia, slides.
- Created engaging course materials, including problem sets and exams.
- Provided one-on-one tutoring sessions to support student learning.
- Implemented interactive teaching methods to enhance student understanding.
- Developed a comprehensive course syllabus and lecture notes.
- Facilitated classroom discussions and problem-solving sessions.
- Assisted students with practical applications in engineering contexts.
- Designed and graded assessments to evaluate student progress.
- Conducted tutorials and workshops to reinforce theoretical concepts.
- Integrated software tools (e.g., MATLAB) for practical demonstrations and assignments.

Visiting Lecturer, 10/2023 to 11/2025

NED University of Engineering and Technology - Karachi

- Courses: Calculus, Advance Calculus, Linear Algebra, Differential Equation, Laplace Transformation, Numerical Methods
- Key Responsibilities:
- Developed and delivered lectures on different topics through multimedia, slides.
- Created engaging course materials,
- mentoring on classroom management, lesson planning, and activity organization.

CONTACT

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SUBJECT SKILLS

- Calculus
- Differential Equation
- Laplace Transform
- Multivariable Calculus
- Numerical Methods
- Linear Algebra
- Probability & Statistics

LANGUAGES

- English (Working Proficiency)
- Urdu (Native)

SOFTWARES

- MATLAB
- C++
- MS Office

Mathematics Teacher, 08/2023 to 10/2023

SULTAN MUHAMMAD SHAH AGHA KHAN SCHOOL

- Key Responsibilities:
- Planned and delivered dynamic lessons in accordance with state standards, promoting critical thinking and active learning.
- Successfully differentiate instruction to accommodate diverse learning styles and abilities within a mixed-ability classroom.
- Collaborate with colleagues on curriculum development and participate in grade-level teams to analyze student data and improve instruction.

Mathematics Teacher, 06/2019 to 07/2022

KNEWTON COACHING CENTRE

- Key Responsibilities:
- Conducted evaluations to measure the performance and progress of students, guiding areas requiring improvement.
- Created and developed lesson plans to meet student's academic needs.
- Worked with staff members and teachers to Design comprehensive and individualized plans to optimize student education.

Mathematics Teacher, 08/2020 to 05/2022

THE LEARNING INSTITUTE

- Key Responsibilities:
- Conducted evaluations to measure the performance and progress of students, guiding areas requiring improvement.
- Created and developed lesson plans to meet student's academic needs.
- Worked with staff members and teachers to Design comprehensive and individualized plans to optimize student education.

EDUCATION

MS, Applied Mathematics, 08/2023

NED University of Engineering & Technology

GPA: 3.97

B.E, Electrical Engineering, 2nd, 05/2018

Usman Institute of Engineering & Technology

GPA: 3.80

H.S.C, Pre-Engineering, 05/2014

Fazaia Degree College Faisal Karachi

Percentage: 67%

S.S.C, Science, 05/2012

Fazaia Degree College Faisal Karachi

Percentage: 81%
