



Nauman Saeed

Nationality: Pakistani **Date of birth:** 13/11/1994

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Home: House No. CB 502, street 4, Jinnah colony, , 47040 Wah Cantt (Pakistan)

WORK EXPERIENCE

Lecturer Mathematics

KIPS college [07/2022 – Current]

City: Wah Cantt | Country: Pakistan

- Designing lesson plans
- Teaching mathematical concepts
- Assessment of student progress
- Career counseling

Lecturer Mathematics

Punjab College [07/2021 – 06/2022]

City: Wah Cantt | Country: Pakistan

- Designing lesson plans
- Teaching mathematical concepts
- Assessment of student progress
- Career counseling

Lecturer Mathematics

The HOPE college of science and commerce [08/2019 – 06/2021]

City: Wah Cantt | Country: Pakistan

- Designing lesson plans
- Teaching mathematical concepts
- Assessment of student progress
- Career counseling

EDUCATION AND TRAINING

M.Sc Mathematics

Virtual University [04/2018 – 10/2020]

City: Islamabad | Country: Pakistan

B.Sc Mathematics

University of Sargodha [08/2015 – 11/2017]

City: Sargodha | Country: Pakistan

PROJECTS

Multistep Numerical Methods for Ordinary Differential Equations

- Developed a comprehensive project during M.Sc studies focusing on the implementation and analysis of multistep numerical methods for solving ordinary differential equations (ODEs).
- Investigated the theoretical foundations and computational aspects of Adams-Bashforth and Adams-Moulton methods for numerical integration.
- Utilized MATLAB to code and simulate the numerical solutions, demonstrating proficiency in scientific computing and programming.
- Conducted comparative analyses between the two methods, evaluating their accuracy, stability, and convergence properties across a variety of ODEs and initial conditions.
- Documented the project findings and methodology in a detailed report, including theoretical derivations, algorithm implementations, and numerical results.
- Presented the project outcomes in academic setting, engaging with peers and faculty members to discuss methodology, results, and potential future research directions.
- Acquired valuable insights into numerical analysis, algorithm development, and scientific computation, enhancing problem-solving skills and mathematical proficiency.

CERTIFICATES

International Youth Math Challenge

Certificate of Participation
Organised by IYMC

Digital Marketing

Training Certificate
Organised by Ministry of Information Technology and Telecom
Government of Pakistan

Graphic Designing

Training Certificate
Organised by Ministry of Information Technology and Telecom
Government of Pakistan

International Kangaroo Mathematics Contest

Certificate of Participation
Organised by Pakistan Kangaroo Commission

DIGITAL SKILLS

Matlab/Simulink / Good knowledge of: Mathematica [SARAH, Spheno, MadGraph Sym2Int], Python, Arduino IDE
/ Geogebra Mathematical Software / Matlab Maple / Desmos

COMMUNICATION AND INTERPERSONAL SKILLS

Interpersonal Skills

- Active Listening
- Negotiation

- Conflict Resolution
- Presentation Skills
- Teamwork
- Leadership skills
- Problem Solving

LANGUAGE SKILLS

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

RECOMMENDATIONS

Name: Dr. Asif Ali | Assistant Professor

Department of Mathematics

Virtual University, Pakistan

Email: asif.ali@vu.edu.pk

Name: Dr. Muhammad Ahsan | Assistant Professor

Department of Mathematics

Virtual University, Pakistan

Email: mahsan@vu.edu.pk

Name: Zulfiqar Ahmad Noor | Lecturer Mathematics

Department of Mathematics,

Virtual University, Pakistan

Email: zulfiqar@vu.edu.pk