

Muhammad Affan Khan

Lecturer (Physics)

Passionate Physics Teacher working for more than 4 years in Reputable Organization & also working socially to Promote Physics Education.



✉ affank414@gmail.com

☎ +92 332 376 5167

📍 Flat#110, Al-Yousuf Apt., SD-12, Block 'G', N. Nazimabad, Karachi, Pakistan

WORK EXPERIENCE

Lecturer (Physics Class 11 & 12)

Aga Khan Higher Secondary School, Karachi

01/2016 – Present

Achievements/Tasks

- Teaching Physics of class 11 & 12 for both, Board of Intermediate Education Karachi & Aga Khan University - Examination Board.
- Getting best results from all over Karachi every year.
- Receiving Certificate of Excellence bonus for three consecutive years that is mainly dependent upon board results.

Visiting Faculty (Evening Program)

Dept. of Physics, University of Karachi

01/2019 – Present

Achievements/Tasks

- Lab Instructor (Mechanics) - 2 Semester and course taught (Waves & Oscillations, Modern Physics, Electromagnetism), each for 1 semester.

Teacher (Mathematics & Physics Class 10)

ACE School, Karachi

04/2015 – 01/2016

Achievements/Tasks

- Taught Physics & Mathematics of class 10 for Board of Secondary Education Karachi.

EDUCATION

MSc. - Physics

University of Karachi

01/2014 – 12/2014

*1st Position Holder

Courses

- Physical Optics
- Laser Physics
- Nuclear Physics
- Molecular Structure
- Quantum Mechanics II
- Statistical Mechanics
- Computational Physics

BSc. (Hons.) - Physics

University of Karachi

01/2011 – 12/2013

Courses

- Classical Mechanics
- Electromagnetism
- Electronics
- Quantum Mechanics I
- Mathematical Physics I & II
- Atomic & Molecular Physics

SKILLS

Effective Classroom Management



Verbal & Written Communication



Student Counseling



Video Making & Editing



MS Office



Programming (Python)



PERSONAL PROJECTS

Khan Affan - YouTube (05/2016 – Present) [🔗](#)

- Providing free learning facility through an educational channel.
- Made videos of Practical Animation based of MS PowerPoint only.
- Discussed different tips for preparing and solving multiple choice questions in Physics.
- Lecture series for class 11 & class 12 Physics is under progress.

Promote Physics Pakistan - WhatsApp Group (07/2019 – Present)

- Running a free platform where Physics Enthusiast, Researchers, Teachers & Learners connect and help each other in learning Physics.

Physics with Khan Affan - Facebook Page (05/2019 – Present) [🔗](#)

- Share different types of info related to Physics, occasionally.
- Planning to start Quiz Based on Physics to promote Physics learning.

HONORS AND AWARDS

Gold Medal - 1st Position Holder (12/2014)

Received Gold Medal for securing 1st Position in MSc. (Physics) class 2014, from Dept. of Physics, University of Karachi (Evening Program).

Certificate of Excellence

Received Certificate of Excellence in Aga Khan Higher Secondary School, Karachi from Aga Khan Education Services, Pakistan for three consecutive academic years (2017 - 2019)

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

Arabic

Elementary Proficiency