Nationality: **PAKISTANI**

***Cover Letter\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

*Dear Hiring Team/ Manager*

***A mathematics and physics teacher*** *by Profession. I am currently residing in Dubai, UAE.* ***I am teaching Mathematics in Dubai International School Nad Ul Sheba. Here I got an experience of teaching American curriculum mathematics and also I learned a lot about class management skills.*** *I remained as a lecturer of mathematics and physics since 2011-2015 in Nice Education System Peshawar Pakistan. I have a sound experience in teaching to Grade 6-7-8-9-10-11-12. During Exams Period I remained as a* ***controller of examination in my Institute****. I taught as tutor of* ***Mathematics and physics to O & A level*** *students in Nice Coaching Academy. I also have experience of online Classes to Students of* ***British America and Canada IB IGCSE AP Cambridge A/O Levels SAT*** *and many other curriculums during my teaching experience.*

*I possess strong* ***communicating capabilities*** *with* ***different interactional techniques****.* ***Student’s involvement*** *and* ***creativity*** *remained top priority during my professional carrier.*

*The enclosed resume will give you a glimpse of my profile. My visible profile may not be that unique and powerful but the invisible profile will certainly make you listen to me with rapt attention. However to get the true essence of a person’s skills you need to meet them in person and it’ll be an opportunity to give you a thorough synopsis of my capabilities. It would also be a privilege to discover what specific mélange of skills you’re looking for and to find out whether a mutually beneficial relationship can be formed.*

*Looking forward to listen from you soon*

***Professional Experience***

***Lecturer in Math***

***Dubai International School Nad Sheba Dubai 2015-2016***

*Lecturer in mathematics and physics 2011-2015*

*Nice Education System Peshawar Pakistan*

Controller of Examination *2011-2015*

*Nice Education System Peshawar Pakistan*

*Tutor in mathematics and physics 2011-2015*

*Nice Coaching Academy Peshawar Pakistan*

***Achievements***

* *Use of Technology in Mathematics*
* *Best teacher Award in Mathematics 2014*
* *Best teacher Award in Physics 2014*
* *Best Teacher award in Mathematics 2015*
* *Strong explanation skills*
* *Interactive teaching style*
* *Strong communicating skills*

***Major Courses Studied***

* *Basic and advanced calculus*
* *Basic and advanced linear algebra*
* *Basic and advanced applied mathematics*
* *Probability and statistics*
* *Random signal and noise*
* *Numerical analysis*
* *Differential equations (ODEs, PDEs, LDE, HDEs)*
* *Basic and advanced electronics*
* *Digital electronics*
* *Applied and material sciences*
* *Engineering drawing*
* *Circuit analysis*
* *Digital logic design*
* *Data communication and networks*
* Digital Inage Processing
* Digital Signal Processing
* Artificial Intelligence
* Control Systems
* C Programming.
* Computer Fundamentals.
* Microcontroller Programming.

***General Roles & Responsibilities as School Teacher in DIS Nad ul Sheba Dubai***

* **To develop schemes of work and lesson plans**
* **To implement differentiated activity for SEN at watch and at risk students**
* **To establish and communicate clear objectives for all learning activities**
* **To prepare classroom for class activities and discipline**
* **To instruct and monitor students in the use of learning materials and equipment for students**
* **To observe and evaluate student's performance and development of the students**
* **To encourage and monitor the progress of individual students for their growth**
* **To maintain accurate and complete records of students' progress and development**
* **To maintain discipline in accordance with the rules and disciplinary systems of the school**
* **To participate in extracurricular activities such as social activities, sporting activities and student organizations**
* **To fully participate in department and school meetings, parent meetings**
* **to communicate necessary information regularly to students, colleagues and parents regarding student progress and student needs**
* **To keep updated with developments in subject area, teaching resources and methods and make relevant changes to instructional plans and activities**

***Roles & Responsibilities as Lecturer of Mathematics and Physics***

* **Preparing students for their mandatory exams in Mathematics and Physics in accordance with course curriculum.**
* **Helping students to improve critical thinking abilities through understanding the physical and analytical aspects of a topic.**
* **Activity for weak students**
* **Creating lesson plans, instructing and checking assignments.**
* **To design teaching materials for sustaining student’s interests in the subject.**
* **To prepare weekly lesson plans on time.**
* **To implement initiatives and teaching methodologies.**
* **To facilitate classroom procedures.**
* **To enforce classroom discipline.**
* **To monitor students’ progress in the subject.**
* **Preparing the students for Entrance exams, Home exams and Board exams.**
* **Preparing students for SAT and GRE tests.**
* **Taking active part in parent teacher meetings and communication with students and parents.**

***Roles & Responsibilities as Controller of Exams***

* *To prepare and announce the calendar of examination.*
* *To arrange for printing of papers.*
* *To provide, maintain and cross check the duties of assigned staff for exams.*
* *To arrange for the timely publication of results of examinations and other tests.*
* *To take disciplinary actions where necessary against candidates, paper-setters, examiners, moderators, or any other person connected with examinations who found guilty of malpractice in relation to examinations.*
* *To review the results time to time in evaluation reports and forward reports thereon to the academic section of the collage.*

***Courses and topics Taught***

**In Mathematics**

* *GO Math 2012 Edition*
* *Pakistan Mathematics*
* *IGCSE Mathematics*
* *A/O Level Mathematics*
* *MOE Mathematics*
* *GSEC Mathematics*
* *SAT Mathematics*
* *US Mathematics*
* *ICSE Mathematics*
* *AP Mathematics*
* *IB Mathematics*
* *NC Mathematics*
* *British Mathematics*
* *American Mathematics*
* *Number system(real and complex)*
* *Matrices*
* *Set and Groups*
* *Linear Equations*
* *Quadratic and Cubic Equations*
* *Sequence (A.P, G.P, H.P)*
* *Means (A.M, G.M, H.M)*
* *Series (A.S, G.S, H.S)*
* *General Series*
* *Arthimatric-Geomatric Series*
* *Combinations Permutations*
* *Probability*
* *Statistics*
* *Mathematical Induction*
* *Binomial theorem*
* *Binomial Series*
* *Infinite Series*
* *Equations and Graphs*
* *Trigonometry*
* *Fundamental laws of Trig*
* *Fundamental Identifies of Trig*
* *Trig Function*
* *Inverse Trig Function*
* *Applications of Trigonometry*
* *Solutions of General Triangles*
* *Information Handling (Mean Median Mode)*
* *Practical Geometry*
* *Functions and limits*
* *Differentiations*
* *Integrations*
* *Partial Fractions*
* *Line Geometry*
* *Analytical Geometry*
* *Conic Sections*
* *Parabola*
* *Hyperbola*
* *Ellipse*
* *Circle*
* *Vector Properties*
* *Vector Spaces*
* *And many More*

**In Physics**

* *Pakistan Physics*
* *IGCSE Physics*
* *A/O Level Physics*
* *GSEC Physics*
* *SAT Physics*
* *US Physics*
* *ICSE Physics*
* *AP Physics*
* *IB Physics*
* *NC Physics*
* *British Physics*
* *American Physics*
* *Introduction to Physics*
* *Physical Quantities*
* *Base and Derived Quantities*
* *Vectors and Scalars Full Details*
* *Rest and Motion Full Details*
* *Translational Motion Full Details*
* *Rotational Motion Full Details*
* *Vibration and SM Motion Full Details*
* *Work*
* *Power and energy*
* *Fluid Statics and Dynamics Full Details*
* *Thermodynamics and its 3 Laws and Apps Full Details*
* *Waves Full Details*
* *Sound and Light Waves Full Details*
* *Static Electricity Full Details*
* *Dynamic Electricity Full Details*
* *Electromagnetism Full Details*
* *Electromagnetic Induction Full Details*
* *Faraday Laws Full Details*
* *Direct And Alternating Quantities*
* *Properties of Solids Full Details*
* *Stress Strain and Elasticity*
* *Electronics Full Details*
* *Diodes and Transistors*
* *Logic Gates*
* *Modern Physics*
* *Classical Physics*
* *Radioactivity*
* *Atomic modals*
* *And many more*

***Education***

*Bachelor (Honors) with Math and Physics as Major Subjects*  *(2007-2011)*

*UET Peshawar-Pakistan*

*HSSC/ F.Sc/ A-levels Mathematics and physics (2004-2006)*

*Hayatabad Science Collage Peshawar Pakistan*

*SSC/ Matric/ Secondary/ O-levels (2002-2004)*

*Oxford Public School Hayatabad Peshawar Pakistan*

*Additional Bachelor in Mathematics and Physics (in Progress)*

*Virtual University of Pakistan*

***Computer Skills***

* *Ms Office (Word, Excel, Power Point, outlook)*
* *Programming skills*
* *Windows (installation , maintenance and troubleshooting)*
* *Matlab (Basic Use)*
* *AutoCAD (Basic Use )*
* *Internet surfing and searching skills etc*

***Languages***

*English (Full Proficiency)*

*Hindi/Urdu (Full Proficiency)*

*Arabic (Basic)*

**First Name of Application CV No:** **1665948**

Whatsapp Mobile: +971504753686

