



Muhammad Tayyab Ilyas

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Date of birth: 17/06/1992 **Nationality:** Pakistani

ABOUT ME

I am an Educationist (PhD Researcher at UAB, Barcelona). I have advanced level experience in Web Designing and coding. An enthusiastic IT teacher for five years before starting my research career. I want and can only work part-time to meet my expenses but one thing you can be sure that you are contacting a Highly motivated, creative, adaptable and flexible team player who can think out of the box to find solutions.

WORK EXPERIENCE

[24/05/2014 – 03/07/2017] **Elementary School Teacher (Science-Math)**

Punjab School Education Department

City: Gujranwala

Country: Pakistan

Main activities and responsibilities:

Teach Elementary level Math

Initiate Book readers Society

Maintain School's IT infrastructure

[03/07/2017 – 31/01/2022] **Assistant Education Officer**

District Education Authority

City: Gujranwala

Country: Pakistan

Main activities and responsibilities:

Ensure effective implementation of Educational Policies

Liaison between schools and District Education Authority

Monitoring Quality of Education and Mentoring of Teachers

[29/12/2015 – Current] **Software Developer**

Fruteria Valenciana

City: Santander

Country: Spain

Main activities and responsibilities:

Develop online platforms

Managing the online business using Shopify

Running the Advertisement campaign

[30/04/2016 – Current] **Exam Venue Staff**

British Council

City: Lahore

Country: Pakistan

Main activities and responsibilities:

First Aid Incharge

Child Safety and Protection Manager

Health and Safety Supervisor

[31/12/2020 – Current] **Lead Trainer**

Tiflee Education

City: Lahore

Country: Pakistan

Main activities and responsibilities:

Pedagogical Skills for Growing Teachers.

Classroom Transformation for Lifelong Learning.

Dying Art of Parenting in the Digital World.

EDUCATION AND TRAINING

[31/03/2006 – 31/07/2008] **Secondary School Certificate / Matriculation**

Shauket-a-Islam High School <http://bisegrw.edu.pk/grading.html>

Address: Jallal Ballagen, Gujranwala, Pakistan

Level in EQF: EQF level 4

[10/08/2008 – 03/09/2010] **Intermediate / Higher Secondary School Certificate**

Punjab College of Science <https://www.pgc.edu/f-sc-pre-engineering/>

Address: Gujranwala, Pakistan

Level in EQF: EQF level 5

[05/10/2010 – 28/07/2013] **Bachelor of Science and Bachelor of Education**

University of Education <https://ue.edu.pk/campusdepartment.php?id=46>

Address: Lahore, Pakistan

Field(s) of study: Teaching of Math and Physics at Elementary Level

Final grade: First Division/First Class **Level in EQF:** EQF level 6

[18/05/2014 – 19/08/2015] **Master in Education**

University of Education <https://ue.edu.pk/campus.php?id=61>

Address: Lahore, Pakistan

Field(s) of study: Education

Final grade: First Division/First Class **Level in EQF:** EQF level 6

Thesis: A Study of the Effectiveness of School Management Committees in Development of Secondary Schools

<https://bit.ly/MEdResearchReprt>

[14/07/2014 – 06/06/2017] **Master of Science in Information Technology**

University of Sargodha <https://su.edu.pk/course/msc-information-technology>

Address: Sargodha, Pakistan

Field(s) of study: Information and Communication Technologies : *Database and network design and administration*

Final grade: 2.64 **Level in EQF:** EQF level 7

Type of credits: CGPA **Number of credits:** 74

Thesis: A Secure Solution of Network for Banking Sector

Main subject / occupational skills covered:

<https://bit.ly/MScITResearchProject>

[11/09/2016 – 23/10/2019] **Master of Philosophy in Education**

University of Gujrat <https://uog.edu.pk/en/uog-academics/departament-of-education/programs>

Address: Gujrat, Pakistan

Field(s) of study: Education

Final grade: 3.20 **Level in EQF:** EQF level 7

Type of credits: CGPA **Number of credits:** 30

Thesis: Relationship between Teachers' Philosophical Beliefs about Teaching and their Classroom Practices

Main subject / occupational skills covered:

<https://bit.ly/MPhilEducationDissertation>

[07/2021 – Current] **Doctorate in Education**

UNIVERSITAT AUTÒNOMA DE BARCELONA <https://www.uab.cat/departament/pedagogia-aplicada/>

Address: Cerdanyola del Vallès, Bellaterra, 08193, Barcelona, Spain

LANGUAGE SKILLS

Mother tongue(s): Panjabi; Punjabi, Urdu, Hindi

Other language(s):

Spanish

LISTENING A2 **READING** B1 **WRITING** A2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** A2

English

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** C1

DIGITAL SKILLS

My Digital Skills

IBM Statistical Package for the Social Sciences (SPSS) - Utilizador Independente | Python Data Scraping | Tabelau Data Analysis | Web hosting, CMS and database management experience (PHP/MySQL/Wordpress); | Professional use of the social media | Graphic designing skills | Video Creator

VOLUNTEERING

[27/05/2013 – 21/05/2014] **Boys Scout Leader** Pakistan Boy Scouts Association, Murree, Pakistan.

Learn Hiking, Trekking and Survival Skills.

Voluntarily recruit new Scouts.

Lead CPR & First Aid course for new Scouts.

DRIVING LICENCE

Cars: B

27/06/2021 – 26/06/2026

COMMUNICATION AND INTERPERSONAL SKILLS

Communication Skills

- Creative writer, empathic listener and persuasive speaker
- Active reading and note-taking.

CONFERENCES AND SEMINARS

[15/02/2017 – 16/02/2017] **3rd International Conference on Research and Practices in Education**

Allama Iqbal Open University, Islamabad

Research paper presentation on the topic: Web-based Adaptive Testing System (WATS) to measure Science, Technology, Engineering, and Math (STEM) Skills.

[17/02/2020 – 18/02/2020] **5th International Conference on Research and Practices in Education**

Allama Iqbal Open University, Islamabad

Research paper presentation on the topic: Relationship Between Teachers' Philosophical Beliefs about Teaching and their Classroom Practices.

<https://easychair.org/cfp/icrpe2020>

PUBLICATIONS

[2015]

Effectiveness of School Management Committees' (SMCs') working in Distt. Gujranwala.

<https://bit.ly/MEdResearchReprt>

School Management Committees (SMCs') are working in all public schools of Punjab province. This research finds out the achieved objective of SMCs' in secondary schools of Distt. Gujranwala through survey method. The response of 50 School heads was taken through a questionnaire on the Likert scale, which was later analyzed through statistical measures of percentage and means. This study finds that SMCs improve the efficiency of school management but most of the community members are not aware of the role of SMC's.

[2016] **A Secure Solution of Network for Banking Sector**

<https://bit.ly/MScITResearchProject>

Deployed a network of Allied bank in a simulation tool name (cisco packet tracer 6.2) to recommend security features in their network. Configure OSPF (Open Shortest Path First) protocol for the efficiency of routing and use TACACS server for sake of security, Mail Server for mailing purposes of Allied bank, Web Server for website and DNS Server for resolving the domain name with all necessary backup servers.

[2017]

Web-based Adaptive Testing System (WATS) to measure Science, Technology, Engineering, and Math (STEM) Skills

https://www.aiou.edu.pk/conferences_Archives.asp

Adaptive Testing (CAT) that is using ITR (Item Response Theory) has been highlighted as a promising assessment method to fulfil two testing purposes: estimating student academic ability and classifying student educational level. In this paper, we introduced the Web-based Adaptive Testing System (WATS) developed to support a cost-effective assessment for classifying student's ability and educational level in STEM (Science, Technology, Engineering, and Math) Subjects

[2019]

Relationship Between Teachers' Philosophical Beliefs about Teaching and their Classroom Practices

<https://bit.ly/MPhilEducationDissertation>

This study finds the above-mentioned relationship in the light of current educational theories *i.e.* Perennialist, Essentialist, Reconstructionist, and Progressivist by using survey and observation methods with the help of two self-developed instruments *i.e.* Teachers' Philosophical Beliefs Inventory (TPBI) and Teachers' Classroom Practices Observation Checklist (TCPOCL). Chi-square test of association shows Perennialist and Progressivist teachers have alignment in their beliefs and practices.