CURRICULUM VITAE

SYED MUHAMMAD WASIM SAJJAD

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OBJECTIVE

I am currently working as a visiting lecturer at the Department of Geology, University Of Malakand, Khyber-Pakhtunkhwa Pakistan. I have interest in teaching, research and the passion to learn and further improve with new challenge.

PERSONA L INFORMATION

Father Name:	Sherin Zaman
Date of Birth:	09-01-1993
Citizenship No:	15302-43589733-7
Domicile:	District Dir KP
Religion:	Islam
Marital Status:	Single
Nationality:	Pakistani

ACADEMIC BACKGROUND

S.No	Session	Certificate/ Degree	Percentage	Marks obtained	Board / University
1	2017-2019	MPhil (Geology)	80	3.8 CGPA	QAU Islamabad
2	2012- 2016	B.S (Hons) Geology	78	3.60 CGPA	University of Malakand
3	2012	F.Sc (Pre-Medical)	78	862/1100	B.I.S.E Malakand
4	2009	S.S.C	72	765/1050	B.I.S.E Malakand

Additional Diploma

- Diploma in **Geographic Information System (GIS),** (A Grade) from Board of Technical and Professional Education Islamabad, (Session: 2019-2020).

Academic Thesis

- **MPhil Thesis (2019),** "Petrologic Characteristic of Devonian Shogram Formation, Reshun Section, Central Chitral, Karakoram Ranges, Pakistan".
- **B.S Thesis (2016),** "Investigation of fault controlled, bedding parallel dolostones in the Late Cretaceous Kawagarh Formation in Southern Hazara Basin (North Pakistan)".

Professional Experience

- Lecturer (visiting) in the Department of Geology, University of Malakand, Pakistan, Fall 2020 to till date
- 6 month internee as a Research Assistant at HDIP (Hydrocarbon Development Institute of Pakistan), Islamabad

Thesis Supervised (Undergraduate Level)

Student Names	Thesis Title	Completion
Mohsin Ali Azhar Uddin Noor Ul Haq	Establishing a probable depositional setting for the carbonate succession of Paleocene Patala Formation exposed in the Nammal Gorge section, Western Salt Range, Pakistan	2022(completed)
Itezaz Khan Mutahir Ali Zahoor Khan	Petrographic and aggregate suitability studies of Jurassic Samana Suk Carbonates in Abbottabad area, Southern Hazara Basin, Pakistan	2022(completed)
Uzair Nawaz Hussain Ullah	Micro facies analysis and depositional environment of the Eocene Margalla Hills Limestone, Najaf Pur Section Khanpur, Hazara Basin, Pakistan	2021 (completed)
Junaid Mehmood Usman Said	Petrographic characteristic of Jurassic Samana Suk Formation, Salhad Section, District Abbottabad, Hazara Basin, North Pakistan	2021 (completed)

Conference Abstracts (Published)

- A case study of dolomite bodies in the partially dolomitized late cretaceous Kawagrah Formation: Field Investigation, petrographic analysis and geochemical signatures. **(Dolomieu Conference on carbonate Platform and dolomite. At: SELVA DI VAL GARDENA, ITALY 2016).**
- Investigating Mechanism of Dolomitization based on Petrographic, Diagenetic & Geochemical Characteristics of Devonian Shogram Formation Reshun section (Chitral Valley) Karakorum Ranges, Pakistan. **(34th IAS Meeting of Sedimentology, ROME 2019).**

- Sedimentary environment and diagenesis of Jurassic Carbonates North Waziristan, KP, Pakistan; Insights from Paleoenvironment and Source Rock evaluation. **(28th Annual Technical Conference and Oil Show, Islamabad, Pakistan 2022).**

- Dolomitization Mechanism based on Petrography and Geochemistry of Devonian Shogram Formation, Chitral Valley, Karakorum Ranges Pakistan. **(Annual Technical Symposium & Exhibition, Islamabad, Pakistan 2019).**

- Hydrocarbon Source Rock Potential of the Late Paleocene Patala Formation, Kohat Basin, Pakistan (**7th Pakistan Geological Congress, Institute of Geology, University of Punjab, 2022**).

- Dolomite geometry and distribution in the Late Jurassic Samana Suk Formation, Salhad Section, Lesser Himalayas, North Pakistan **(6th International Conference on "Earth Sciences Pakistan 2022", National Centre of Excellence in Geology, University of Peshawar, Pakistan).**

- Depositional environment and sequence stratigraphy of Kirthar Formation Rakhi Nala Section Eastern Sulaiman Ranges, Pakistan **(6th International Conference on "Earth Sciences Pakistan 2022", National Centre of Excellence in Geology, University of Peshawar, Pakistan).**

- Feasibility study of metasediments use in concrete composition as a coarse aggregate from Chakdara area, Dir Lower, Khyber Pakhtunkhwa, Pakistan **(6th International Conference on "Earth Sciences Pakistan 2022", National Centre of Excellence in Geology, University of Peshawar, Pakistan).**

- Replacement of crushed stone aggregate: A case study of Panjkora river bed material use as a coarse aggregate in concrete, Dir Lower, Pakistan **(6th International Conference on "Earth Sciences Pakistan 2022", National Centre of Excellence in Geology, University of Peshawar, Pakistan).**

Honors and Awards

- **First Prize Geo-Science winner of Student Paper Contest ATS&E 2019.**
- **3rd position in poster competition at the 7th Pakistan Geological Congress, Institute of Geology, University of Punjab, 2022.**

- Received merit based Prime Minister's Laptop from the Federal Government of Pakistan (CORE i3).
- Received Khyber Pakhtunkhwa Police Welfare Merit Based Scholarship throughout Bachelor.

Software Skills

- Basic AutoCAD, X'Pert High Score, Origin Pro, JMicroVision, Sedlog, Coral Draw

Languages

- English
- Urdu
- Pashto

Research Publications

1. Ahmad, Imran, Said Mukhtar Ahmad, Matee Ullah, **Syed Muhammad Waseem Sajjad,** and NAzir Ul Islam. "Microfacies Analysis and Depositional Environment of Middle Jurassic Samana Suk Formation, Chichali Nala Section, Surghar Range, Pakistan." International Journal of Economic and Environmental Geology 11, no. 4 (2020): 43-47.

2. Emad Ullah Khan, Abbas Ali Naseem* Maryam Saleem, Faisal Rehman, **Syed Waseem Sajjad**, Waqar Ahmad & Tahir Azeem "Petrography and Geochemistry of Dolomites of Samanasuk Formation, Dara Adam Khel Section, Kohat Ranges, Pakistan" Sains Malaysiana 50(11)(2021): 3205-3217, **http://doi.org/10.17576/jsm-2021-5011-05**

3. Maryam Saleem, Faisal Rehman, Emad U. Khan, **Syed W. Sajjad**, Tahir Azeem, Asad Jadoon, Abbas A. Naseem "Multiphase Dolomitization in Devonian Shogram Formation, Chitral, Karakorum ranges, Pakistan: Evidence from outcrop analogue, petrography and geochemistry" **doi: 10.2306/scienceasia1513-1874.2022.043**

4. Saleem, Maryam, **Syed Waseem Sajjad,** Emad Ullah Khan, Abbas Ali Naseem, Anees Ahmad Bangash, Ashir Rafique, Shaheryar Hussain, Hussain Ullah, Saleem Khan, and Waqar Ahmad. "Classification of the dolomites of Cretaceous Kawagarh Formation in Hazara Basin North-west Himalayas Pakistan: Evidence from field investigation, petrographic analysis and isotopic studies." *Carbonates and Evaporites* 37, no. 1 (2022): 1-14. **doi.10.1007/s13146-022-00760-x**

5. **Sajjad. Syed Muhammad Waseem**, Mukhtar S. Ahmad, Emad Ullah Khan, and Maria Sabir. "Petrographic and Physiomechanical Investigation of Late Cretaceous Kawagarh Formation Kahi Section, Nizampur Basin." *International Journal of Economic and Environmental Geology* 12, no. 4 (2021): 51-56.

6. Maryam Saleem, Faisal Rehman, Abbas A. Naseem,* Emadullah Khan, **Syed Wasim Sajjad**, Zubair Ahmed "Petrographic and Geochemical Characteristics of Dolomites in Devonian Shogram Formation, Karakorum Ranges, North Pakistan" https://www.currentscience.ac.in/data/forthcoming/452.pdf.

7. "Petrographic, Mechanical and Aggregate Analysis of Jurrasic Samana Suk formation Kahi Section, Nizampur Basin Pakistan" (CAEV-D-21-00088) **(under review).**

8. "A Geological Mapping and Structural Style of Dheri Qasim and Doberan area of Azad Kashmir, Sub Himalayas Pakistan": (BURJES) **(under review).**

References

1. Dr. Emad Ullah Khan (HOD Department of Geology, Abdul Wali Khan University Mardan, KPK, Pakistan).
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2. Dr. Abbas Ali Naseem (Assistant Professor Quaid I Azam University Islamabad)
   Contacts: abbasali@qau.edu.pk (+923339557978)
3. Dr. Faisal Rehman (Assistant Professor Quaid I Azam University Islamabad)
   Contacts: frehman@qau.edu.pk (+923078168617)