

ZUNAIRA MAJEED	Residence ☒	House # 31, Street 03, New Mall, Chak Shahzad, Islamabad, Pakistan
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PROFILE SUMMARY

MS RS & GIS with 6 years of Experience in one of the leading schools and colleges, aspiring to develop my career as a educationist by seeking a challenging position with an aim to contribute positively towards the objectives of the organization, perform consistently to exceed organizational expectations by adding discrete value, and to develop my professional skills for growth within the organization.

PROFESSIONAL AND ACADEMIC EDUCATION

PARTICULARS	YEAR	INSTITUTE
MS RS & GIS	2019	<ul style="list-style-type: none"> University of Arid Agriculture Rawalpindi CGPA 3.98 Research Title: “Estimation of thermal growing season length using time series data of sentinel-2: A case study of Punjab”
M.Sc Geography	2013	<ul style="list-style-type: none"> University of The Punjab Gold Medalist for the following year by scoring highest numbers in 123 years of Geography Department. 1st Division
Graduation	2010	<ul style="list-style-type: none"> University of The Punjab Stood First in the Subject of Geography and Pakistan Studies in Annual Examination held by Punjab University. 1st Division
Higher Secondary School Certificate	2008	<ul style="list-style-type: none"> Federal Board Of Intermediate and Secondary Education Federal Government College for Women, F-7/2 Islamabad. F.A 1st Division
Secondary School Certificate	2006	<ul style="list-style-type: none"> Federal Board of Intermediate and Secondary Education Islamabad Federal Government Girls Secondary School G-7/2 Islamabad. Science 1st Division

PROFESSIONAL DEGREES

M.ED	2017	FROM ALLAMA IQBAL OPEN UNIVERSITY	AUTUMN 2016 TO SPRING 2017
B.ED	2012	FROM ALLAMA IQBAL OPEN UNIVERSITY	AUTUMN 2011 TO SPRING 2012

PROFESSIONAL EXPERIENCE

Worked as **Secondary School Teacher** in SIDDEEQ PUBLIC SCHOOL since last four years where I have applied the latest teaching methodologies and technologies including the Multi Media techniques.

In my period, I was mainly engaged on the teaching through audio-visual aids, by projectors, and through multimedia presentations on LED. Brief details of my key responsibilities are as follows:

- Planning and execution of lectures (**as per the requirements of School administration**) and coordination including the team supervision, training and motivation;
- Developing good teaching relationships with pupils to deliver best results according to expectations of the parents.
- In Space week i.e. first week of October organizing and preparing students for the competition nationwide i.e. Geo

Caching, Image Interpretation, Google Navigation, Space Quiz, Space Milestone etc.

PROFESSIONAL EXPERIENCE

ISLAMABAD MODEL COLLEGE FOR GIRLS (PG) F-7/2

- Worked as Daily Wage Lecturer for the year 2014-2015.
- Working capacity included the teaching of I.com and Higher secondary School Class of Commercial and Regional Geography.
- It also included the Practical demonstration classes at Higher Secondary School classes on regular basis.

Dar-E-Arqam Schools G-7 Campus Islamabad

- Taught for the year 2013-2014
- Working included the teaching at Lower secondary school level
- Also worked as a coordinator for the subject of Social Studies and English.

Al-Noor College Of Modern Education Bhara Kahu Islamabad

- Worked as School Teacher at Lower secondary and Higher secondary level for the year 2010-2011
- Job Responsibilities included teaching in Class 1-5
- Head of the Department of the Junior Section.
- Teaching of Economics at Higher Secondary level on regular basis.

Other Professional Training & Workshops

PAKISTAN TELEVISION

- PTV Quiz program training and Participation on "AAYIN, QANOON AUR PAKISTAN" in the year 2011, where acknowledged with Second Position in overall Universities of Islamabad.

Dar-E-Arqam Schools System

- Training Workshop on "Effective Teaching methodology"
- Attended Seminar on "Proficient Teaching with Psychological Aspects" by AFAQ Association.
- Delivered 2 days Workshop on "Map Reading and Understanding Physical Phenomenon".

SURVEY OF PAKISTAN

- Attended demonstration and workshop on surveying techniques at Survey Of Pakistan.

OTHER PERSONAL ASSIGNMENTS & PROJECTS

PRE AND POST DISASTER EVALUATION

- ▶ Analysis of the underlying facts which worsen the flood of **Sindh** in 2011
- ▶ Identification of the Flood Prone areas by **MODIS**
- ▶ Monitoring of the flow of water discharge by multi temporal Images.
- ▶ Analysis of the Inundated Areas during the heavy Monsoon Spell.
- ▶ Destruction analysis in terms of rail road's network, Communication Network, Cultivated land area, houses per village.
- ▶ Post disaster Evaluation process had given a cycle to mitigate the loss and recover from the destruction process.
- ▶ Latex writing of the project was also the part of the assignment.

SOIL SAMPLING TECHNIQUES USING ENVI 5.0 & 4.7

- ▶ Development of Soil Samples in Grid Form.
- ▶ By taking Samples from the soil of different grids to understand the variations within the same patch of land.
- ▶ Analysis of land Use system of the Prevailing area (California).
- ▶ Monitored various Precision Agricultural techniques in the periods of production.

FOREST COVER CHANGE DETECTION IN KHYBER PAKHTOON KAHWA

- ▶ Project was aimed to analyse the rate of change in the year 2013 and 2016 for the **Tsunami Billion Tree Campaign**.
- ▶ Normalized difference vegetative Index (NDVI) was used to verify the results.
- ▶ It monitored about 3% change in the Forest cover area mostly **In North Eastern** Part of the province.
- ▶ Imagery used in the project was of **Landsat 7**.

PRESENT RESEARCH**“ESTIMATION OF THERMAL GROWING SEASON WITH TIMES SERIES DATA OF SENTINEL2”**

The project of the requisite research at MS level seek to identify the contributing factors of variation in Land Production with the help of time Series data of Sentinel-2 for the year 2016,2017,2018. After calculating thermal growing season with Growing degree days, the study seeks to focus on the Indices of vegetation for identification of Heat Stress, Moisture Stress, plant Variation in production within the area and also the infestation of diseases on Wheat and Rice.

IT PROFICIENCY

- Proficient user of **ArcMap** Software by ESRI
- Having strong intermittent skills on ENVI 4.7, 5.0, 5.1
- Working capacity with ERDAS Imagine, NotePad++

Working knowledge of Microsoft Office especially in:

- ✓ MS Word
- ✓ MS Power Point

PROFESSIONAL DEVELOPMENT

- Attended various in-house seminars organized by the university on various GIS based techniques, methodology and learning points arising from Quality members and Reviewers at Research panels.
- Attended various training conducted by the School Administration for Continuing Professional Development requirements.
- Attended “Coordinator Learning program” arranged by Dar-E-Arqam Schools.

INTERESTS

- Cooking, Baking is the best art to avoid bored some.
- Play Monopoly in leisure time.
- Cartography

PERSONAL INFORMATION

- Date of birth: July 8th, 1991
- Nationality: Pakistani
- Languages: English, Urdu and Punjabi
- Marital status: Married

AVAILABILITY

- Immediate

REFERENCES

- Available upon request