

## **Dr. AMBREENA JAVAID**

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### **BRIEF PROFILE:**

Serving my profession with sincerity & dedication for nearly Twenty years; I continuously seek ways to improve, innovate, and be up-to-date and believe that a lot to be done to serve my Noble Profession.

During my career, I have been an effective communicator and resourceful teacher with ability to enhance students' performance and to empower them with knowledge. I have the ability to lead the students in their learning process.

Adept at managing multiple tasks simultaneously such as teaching, planning courses, evaluating exams and assignments as well as contribute effectively in staff meetings and college programs.

I being the member of Research Committee; learned a lot while assessing / evaluating the thesis / research work of student.

## **EDUCATION:**

<b>Qualification</b>	<b>School/College</b>	<b>Year Attended</b>	<b>Division</b>	<b>Marks Obtained</b>	<b>Main Subject</b>
Matric	Convent of Jesus to Mary	1993	1 <sup>st</sup>	702/850	Science
F.SC.	Lahore College	1995	1 <sup>st</sup>	769/1100	Pre-Medical
B.A.	Lahore college	1997	1 <sup>st</sup>	526/800	Geog + Pol. Sc.
M.Sc.	University of the Punjab	1999	1 <sup>st</sup>	851/1200	Geography
M. Phil.	University of the Punjab	2013		CGPA 3.46	Geography
PhD	University of the Punjab	2020		CGPA 3.78	Geomatics

## **THESIS OF PhD**

Title of Thesis : Impact and Risk Evaluation of Hudaira Drain on Adjacent Groundwater and Soil using Geospatial Techniques

Supervisors : Prof. Dr. Sajid Rashid Ahmad  
Prof. Dr. Abdul Qadir

## **THESIS OF M. PHIL**

Title of Thesis : Commercial Structure of the Walled City, Lahore

Supervisor : Prof. Dr. Abdul Ghaffar

## **THESIS & RESEARCH WORK OF M.Sc**

Title of Thesis : The Role of Private Schools in the Diffusion of  
Education in Lahore.

Supervisor : Prof. Dr. Maryam K. Elahi

**Demographic Report:** Shah Di Khui of Lahore and Khund Bandi in Muzaffarabad

## **DISTINCTIONS**

- Academic Roll of Honor in B.A.
- 2<sup>nd</sup> Position in M.Sc (Geography) from University of the Punjab, Lahore.
- 1<sup>st</sup> PhD in Geomatics from CEES, University of the Punjab, Lahore.

## **EXPERIENCE**

### **A. WORKING AS HEAD OF DEPARTMENT IN KINNAIRD COLLEGE FOR WOMEN, LAHORE FROM 20<sup>th</sup> JULY 2020 TILL DATE:**

*The duties are as follows:*

- Organizing and handling department and administrative duties
- Coordinating with faculty members to initiate ideas for subject development
- Improve efficiency of staff through time-management and skills development
- Continuous coordination with faculty members for sorting research issues
- Implementation of policy and instructions of college in faculty and students
- Arranging workshops and tutorials on research
- Regular participation in student admissions

### **B. WORKING AS LECTURER (1<sup>ST</sup> NOVEMBER 2000 TILL 31<sup>ST</sup> DECEMBER 2013) AND ASSISTANT PROFESSOR (1<sup>ST</sup> JANUARY 2014 TILL DATE) IN KINNAIRD COLLEGE FOR WOMEN:**

*In addition to normal classes of Physical & Human Geography; following special  
subject are also taught by me at the Geography and Environmental Sciences  
Department:*

- Geographical Information System (GIS)

- Remote Sensing
- Digital Cartography
- Research Methodology

*The following courses are taught by me at the Environmental Sciences Department:*

- GIS
- Remote Sensing
- Advanced Geographic Information System

*Moreover, following extracurricular activities are being managed by me:*

- Arranged Seminar on Climate
- Arranged Tutorials on different topics of Geography e.g.,
  - ✓ Cultures of World
  - ✓ Mountains of World
  - ✓ Population distribution of World
- Helped students in the preparation of thesis on different topics
- Arranged different Study/Field Trips for Students
  - ✓ Bunny's Factory
  - ✓ Michelle's Fruit Farm
  - ✓ Klass Textiles
  - ✓ Japan power
  - ✓ Doaba Rice Mills
  - ✓ Walls Ice Cream Factory
- Student Internship program Incharge

**C. WORKED IN CONVENT OF JESUS & MARY FROM APRIL 2000 TO OCTOBER 2000.**

## **RESEARCH PAPERS IN JOURNAL**

- **Dissemination of Education by Private Schools-A case study**, Pakistan Journal of Science (PJS), Vol.62, No.1, March 2010, Pakistan Association for the advancement of science, Shadman, Lahore.
- **Increase in Use & Demand of GPS as Utility Item in Pakistan**, Sarhad University International Journal of Basic and Applied Sciences (SUIJBAS), Vol.1, No.1, April 2013, Sarhad University of Science & Information Technology, Peshawar.
- **Solid Waste Management in Lahore: A Case study of Two UC's, Shalimar Town**, Sarhad University International Journal of Basic and Applied Sciences (SUIJBAS), Vol.1, No.1, April 2013, Sarhad University of Science & Information Technology, Peshawar.
- **Spatial & Temporal Diffusion of Dengue fever in Lahore**, Sarhad University International Journal of Basic and Applied Sciences (SUIJBAS), Vol.1, No.1, April 2013, Sarhad University of Science & Information Technology, Peshawar.
- **Spatial Evaluation of Irrigational Water Quality in GIS Perspective**  
Transylvanian Review, Vol. XXV, No. 22, 2017.
- **Erosion Potential Assessment of Watersheds through GIS-based hypsometric Analysis: A Case study of Kurram Tangi Dam**, Arabian Journal of Geosciences, Vol. 11, No. 22, 2018, 711.
- **Health Risk Surveillance of Arsenic in Wastewater, Groundwater and Agricultural Land along Hudiara Drain, Pakistan using GIS Techniques**, Polish Journal of Environmental Studies, Vol. 28, No. 2, 2019, 1-12.
- **Application of Pollution Indices for the Assessment of Heavy Metal Hazards in Soil Using GIS Approach**, Arabian Journal of Geosciences, Vol. 13, No. 22, 2020, 1 – 18.

- **Depletion risks of essential trace metals in a transboundary drain and its surrounding soil using GIS techniques**, Pakistan Journal of Agricultural Sciences, Vol.58, No. 4, 2021, 1215-1221.
- **Human Health Risk Surveillance of Polychlorinated Biphenyls in Bovine Milk from Alluvial Plains of Punjab, Pakistan**, Environmental Science and Pollution Research, 2022, 1-14.

### **RESEARCH PAPERS IN CONFERENCES**

- The Role of Private Schools in the Diffusion of Education in Lahore
  - ✓ Ambreena Mubashir
  - ✓ 11<sup>th</sup> All Pakistan Geographical Conference, 2003
- Land Management System using GIS & GPS Techniques
  - ✓ Ambreena Mubashir
  - ✓ 12 All Pakistan Geographical Conference, 2007
- Spatial & Temporal Diffusion of Dengue fever in Lahore
  - ✓ Sharel Asif & Ambreena Mubashir
  - ✓ 2nd International Multidisciplinary Conference Towards Better Pakistan, Sarhad University of Science & Information Technology, Peshawar, 2012
- Solid Waste Management in Lahore: A Case study of Two UC's, Shalimar Town
  - ✓ Saira Jalil & Ambreena Mubashir
  - ✓ 2nd International Multidisciplinary Conference Towards Better Pakistan, Sarhad University of Science & Information Technology, Peshawar, 2012
- Increase in Use & Demand of GPS as Utility Item in Pakistan
  - ✓ Moona Naseem & Ambreena Mubashir
  - ✓ 2nd International Multidisciplinary Conference Towards Better Pakistan, Sarhad University of Science & Information Technology, Peshawar, 2012

- Assessment of Forest Cover in Murree Forest Pakistan through Geospatial Technologies
  - ✓ Prof. Dr. Sajid Rashid Ahmad, Wasif Yousaf, Jawaria Mukhtar, Ambreena Javaid
  - ✓ 6<sup>th</sup> International Conference on Engineering and Applied Sciences (ICEAS), University of British Columbia, Vancouver, BC, Canada, 19<sup>th</sup> – 20<sup>th</sup> July, 2016.
  
- Spatial Temporal Analysis of Frequency and Intensity of Precipitation of Lahore
  - ✓ Dr Ambreena Javaid & Faiza Waheed
  - ✓ Kinnaird's 3<sup>rd</sup> International Conference on Social Sciences and Humanities, Kinnaird College for Women, Lahore, 17<sup>th</sup> – 19<sup>th</sup> May, 2022.

### **POSTER PRESENTATION IN CONFERENCE**

- **Spatial Assessment of Groundwater for Irrigational Use Beside Hudiara Drain, Lahore,**  
 Ambreena Javaid <sup>1,2\*</sup>, Sajid Rashid Ahmad<sup>1</sup>, Abdul Qadir<sup>1</sup> and Rashid Mahmood<sup>3</sup>  
<sup>1</sup>College of Earth and Environmental Science, University of the Punjab, Lahore, Pakistan.  
<sup>2</sup>Kinnaird College For Women, Lahore, Pakistan  
<sup>3</sup>Institute of Agricultural Science, University of the Punjab, Lahore, Pakistan  
 The First International Conference on Emerging Trends in Earth and Environmental Sciences at CEES, University of the Punjab, Lahore, 9 – 10 March 2017.
  
- **Using Pollutant Indices to Evaluate Risks of Heavy Metal in Soils with the GIS Approach**  
 Ambreena Javaid <sup>1\*</sup>, Sajid Rashid Ahmad<sup>2</sup>, and Abdul Qadir<sup>2</sup>  
<sup>1</sup>Department of Geography, Kinnaird College For Women, Lahore, Pakistan  
<sup>2</sup>College of Earth and Environmental Science, University of the Punjab, Lahore, Pakistan.

3<sup>rd</sup> International Conference on Emerging Trends in Earth and Environmental Sciences (ETEES 2021) at CEES, University of the Punjab, Lahore, 16 – 18 November 2021.

## **WORKSHOPS/SEMINARS ORGANIZED FOR GEOGRAPHY**

### **DEPARTMENT**

- “Geographic Information System (GIS) & Remote Sensing (RS) – Theory & Application” in collaboration with ORIC on 5<sup>th</sup> March 2022.
- “Applications of Remote Sensing in Geography” in collaboration with ORIC in 2018.
- “GIS Online Data Sources for Research” in collaboration with ORIC on 24<sup>th</sup> September 2022.
- “Climate Change Forecasting & Catastrophe” Seminar in collaboration with ORIC on 1<sup>st</sup> December 2022.

### **WORKSHOPS and TRAINING**

- Workshop on “DIGITAL CARTOGRAPHY” from G.C University, Lahore
- Workshop on “LATEX SOFTWARE” from Kinnaird College for Women, Lahore 12<sup>TH</sup> November 2011.
- Workshop on “GOOD GRAPHICS with R” from Kinnaird College for Women, Lahore 25 – 29<sup>TH</sup> March 2012.
- Workshop on “MATLAB” from Kinnaird College for Women, Lahore 25<sup>TH</sup> February 2012.
- Workshop on “Advance GIS-Short Training Course”, from University of the Punjab, Lahore, September 2014.
- Workshop on “ZOTERO” from Kinnaird College for Women, Lahore 20<sup>TH</sup> February 2015.
- QEC Workshop on “Statistical Package for Social Sciences – Module I” from Kinnaird College for Women, Lahore 4<sup>TH</sup> March 2016.
- QEC Workshop on “Statistical Package for Social Sciences – Module II” from Kinnaird College for Women, Lahore 20<sup>TH</sup> May 2016.



- Worked as member of organizing committee in workshop “Applications of Remote Sensing in Geography”, November 2018.
- Worked as facilitator in 1<sup>st</sup> International Conference on Science, Technology and Innovation, April 2019.
- Training workshop on “Elements of a Journal Submission” from Kinnaird College for Women, Lahore, 2019.
- Training workshop on “Article content that impact editor’s & reviewer’s recommendations to accept or to decline” from Kinnaird College for Women, Lahore, 2019.
- Training workshop on “C- In Global Publishing” from Kinnaird College for Women, Lahore, 2019.
- Online Training Workshop on “Outcome Based Education (OBE)” from Kinnaird College for Women, Lahore, November 2020.
- Supervised students for Kinnaird Festival of Statistics and Data Science on 24<sup>th</sup> November 2021.
- 4 Days training workshop on “Air Pollution/ Aerosols (Dust Particles, smog & smoke) Monitoring & Mapping Using Satellite Remote Sensing” from CEES, 24 to 27 January 2022.
- Worked as facilitator/participant (Reception Desk) in Kinnaird’s 3<sup>rd</sup> International Conference on Social Sciences and Humanities, 17<sup>th</sup> – 19<sup>th</sup> May, 2022.

### **COMPUTER COURSES**

- Power Point Presentation from Kinnaird College for Women, Lahore.
- ArcGIS software from University of the Punjab, Lahore.
- SPSS software from Kinnaird College for Women, Lahore
- Origin software from CEES Department, University of the Punjab, Lahore.
- Statistica software from CEES Department, University of the Punjab, Lahore.
- Erdas Imagine software from CEES Department, University of the Punjab, Lahore.
- Google Earth Pro software from CEES Department, University of the Punjab, Lahore.

- ENVI software from CEES Department, University of the Punjab, Lahore.