



Adeeba Arshad Ansari

Date of birth: 27/09/1998 | **Place of birth:** Aligarh, India | **Nationality:** Indian | **Email address:** adeebaarshad999@gmail.com | **LinkedIn:** <https://www.linkedin.com/in/adeeba-arshad-ansari/>

ABOUT ME

Passionate geographer with a strong foundation in GIS, remote sensing, and spatial analysis. Proficient in using tools like ArcGIS, QGIS, and Python to analyze urbanization and environmental data. Experienced in research and fieldwork, with a collaborative and detail-oriented approach. Dedicated to leveraging geospatial technologies for sustainable solutions and continuous learning.

EDUCATION AND TRAINING

05/09/2025 – CURRENT Budapest, Hungary

PHD IN EARTH SCIENCE Eotvos Lorand University

Supervisor 1: Dr. Gabor Szalkai (Habilitated Associate Professor)

Eötvös Loránd University, Hungary.

Supervisor 2: Dr. Klara Czimre (Assistant Professor)

University of Debrecen, Hungary.

Field of study Department of Regional Science

05/09/2022 – 27/06/2024 Debrecen, Hungary

MSC IN GEOGRAPHY University of Debrecen

- Qualified as a Geographer.
- Studied different subjects including Environmental Systems - environmental geography, Landscape Analysis, Regional and spatial development, Database Management, GIS specific programming, Technical Informatics, Anthropogenic geomorphology, and Sampling and data collection

Website <https://www.edu.unideb.hu> | **Field of study** Geo-Informatics | **Final grade** 4.37 / 5 |

Thesis Analysis of Urbanization in Delhi, India from 1990 to 2023 by the use of Landsat Images

01/08/2020 – 28/06/2022 Aligarh, India

MA IN GEOGRAPHY Aligarh Muslim University

Studied different subjects including Climatology, Oceanography, Cartography, Biogeography, Industrial Geography, Remote Sensing (Image Processing), Urban Geography, Social Geography, and Geography of Tourism

Website <https://www.amu.ac.in> | **Final grade** 7.78 / 10 | **Thesis** Impacts of Deforestation on Climate Change and Eco-System

01/08/2017 – 04/06/2020 Aligarh, India

BA (HONS) IN GEOGRAPHY Aligarh Muslim University

Studied different subjects including Geomorphology, Urban Geography, Climatology, Oceanography, Geography of Thought, Remote Sensing Applications, and Economic Geography.

Website <https://www.amu.ac.in> | **Final grade** 7.7

WORK EXPERIENCE

GUEST LECTURER – EOTVOS LORAND UNIVERSITY – BUDAPEST, HUNGARY

Served as a guest lecturer for Political Geography, delivering lectures during my PhD at my university.

Delivered a lecture in a seminar on the topic "Regional Development of Jammu and Kashmir, India.

TEACHER – AL-BARKAT PUBLIC SCHOOL – 06/12/2024 – 15/09/2025 – ALIGARH, INDIA

- Worked as a Geography teacher, inspiring students to develop a passion for Geography.
- Create lesson plans for them and assess students' progress effectively.
- Manage classes of more than 50 students.

● INTERSHIPS

01/04/2024 – 15/05/2024

Technical Writer

I worked at "Easify Technologies" in Budapest, Hungary as "Technical Writer".

● PUBLICATIONS

2024

Analysis of Urbanization in Delhi, India from 1990 to 2023 by the use of Landsat Images

I published an article "Analysis of Urbanization in Delhi, India from 1990 to 2023 by using Landsat Images" in the GIS Conference Book in 2024 with my supervisor Dr. Lorand Szabo.

This study investigates the patterns and dynamics of urbanization in Delhi.

GIS Conference Book, University of Debrecen

● CONFERENCES AND SEMINARS

20/04/2026 – 24/04/2026 University Of Ostrava, Czechia.

3rd International Teaching week in Political, Economic and Cultural Geographies.

Delivered a lecture during the teaching week on the topic "Role of Migration in shaping Urban Economic Geography in India."

23/05/2024 – 25/05/2024 Debrecen

Geospatial Conferences and Exhibition

I presented my work in this conference titled "Analysis of Urbanization in Delhi, India from 1990 to 2023 by the use of Landsat Images".

25/04/2024 Debrecen

Talent UD Poster Conference

Poster presentation arranged by the University of Debrecen's Talent Management Program. I created a poster on my project, Urbanization in Delhi, for this conference and presented it to the judges and audience.

● RESEARCHES AND SURVEYS

2024

Analysis of Urbanization in Delhi, India from 1990 to 2023 by the use of Landsat Images

This research aims to analyze the patterns and dynamics of urbanization in Delhi, India from 1990 to 2023. Normalized Difference Vegetation Indices (NDVI), Normalised Difference Built-Up Indices (NDBI), and their difference Built-Up Index (BU) were calculated to assess urbanization and vegetation cover, revealing changes over time. Results indicate fluctuations in NDVI and BU values, with certain years showing increased urbanization and decreased green space. The findings offer valuable insights for urban management and future research endeavors.

2022

Impact of Deforestation on climate change and ecosystem

I wrote this thesis under the supervision of Prof, Naushad Ahmad, head of the Department of Geography at Aligarh Muslim University, the aim of the research was to check the rate of deforestation and its impact in recent years in Asian subcontinent.

2022

Conducted socio-economic survey in a village (Qila ka Nagla) of Aligarh

This study found that 70% of the total population is engaged in agriculture, approximately 60% of adults have only completed primary education and the female literacy rate was lower than 45%. and basic health facilities were absent. So, the standard of living in that village was abysmal.

2022

Conducted a market survey looking at the sanitation condition in Ramghat Road Market in Aligarh.

This study found that there was a lack of regular waste collection, and drainage issues, only 20% of vendors reported access to functional public toilets in the market which affects women and elderly vendors. Also reported some health hazards like skin allergies, respiratory problems, and stomach ailments.

01/2020

Socio-Economic Survey & Report Writing

This survey was conducted to check the socio-economic condition of the market area at Aligarh. Results showed the wide disparity in income levels among shopkeepers and vendors, only 25% of people had skills related to their profession, social mobility was limited, and there was little access to government welfare.

● **ACHIEVEMENTS**

01/09/2025 – CURRENT

Stipendium Scholarship Holder

Awarded by Tempus Public Foundation.

02/04/2026 – 01/05/2026

Erasmus+ Mobility Scholarship Holder

Completed a one-month research mobility at the University of Ostrava, Czechia, contributing to my ongoing PhD research.

27/06/2024

Outstanding academic achievements and extracurricular activities

Awarded by the council of Faculty of Science and Technology, University of Debrecen

13/03/2024 – 17/06/2024

Talent UD Scholarship

I was awarded this scholarship by the Talent UD management at the University of Debrecen for two semesters which covers all the expenses of my research work and conferences during my master's degree.

10/09/2022 – 10/06/2024

Stipendium Scholarship Holder

Awarded by Tempus Public Foundation, Hungary. It was a fully funded scholarship that covered tuition fees with a monthly stipend.

● **CERTIFICATE COURSES**

2023

Geo Data Processing using Python

Indian Institute of Remote Sensing (IIRS)

2023

RS and GIS applications in atmospheric and oceanic Hazards

Indian Institute of Remote Sensing (IIRS)

Indian Institute of Remote Sensing (IIRS)

VOLUNTEERING

2019 Aligarh Muslim University
Volunteered in International Arts competition named ART NICHE 2K19

WORKSHOP

13/10/2024
International Leadership Workshop

It was an online workshop organized by the Education Research Technology and Human Welfare Organization, Established by the Municipal Corporation of India, Section 8 under the 2013 act.

SKILLS

QGIS | Fundamental ArcGIS | AUTOCAD - 2D + 3D | SQL | Remote Sensing | GIS (Geographical Information System) | ENVI | Microsoft Office | Python | Spatial Analysis and Visualisation | Google Earth Engine

LANGUAGE SKILLS

Mother tongue(s): **HINDI**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
URDU	C2	C2	C2	C2	C2
HUNGARIAN	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user