

Dr. Amandeep Singh

Assistant Professor (for Teaching Geography)
Integrated Teacher Education Programme
Department of Education
Central University of Punjab, Bathinda.
Pin Code: 151401.
Email: amanjosan107@gmail.com
dramandeep.singh@cup.edu.in
Phone Number: 9478192107

**Education/Qualification**

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| ➤ Department of Geography- PhD | 2024 |
| Central University of Punjab, Bathinda | |
| • Ph.D Thesis entitled “A Geographical Study of Rural Health and Healthcare Facilities in Bathinda District, Punjab”. | |
| ➤ Centre for South and Central Asian Studies- M.Phil. | 2015 |
| Central University of Punjab, Bathinda | |
| • M.Phil. Dissertation entitled “Water in South Asia: Source of Conflict or Cooperation (A Study of Interstate Water Disputes in India)”. | |
| ➤ Sawami Vivekanand College of Education, Sangrur (Bachelor of Education) | 2013 |
| Punjabi University Patiala, Punjab | |
| ➤ Department of Geography- Master of Science (Geography) | 2012 |
| Punjabi University Patiala, Punjab | |
| • Masters’ Project report entitled “Sex Ratio of Punjab 1981-2011”. | |
| ➤ Government Ranbir College, Sangrur- Bachelor of Arts | 2010 |
| Punjabi University Patiala, Punjab | |

Awards and Honours

- Maulana Azad National Fellowship for Minority Students (JRF from April, 2016 to March, 2018, SRF from April 2018 to March 2021).
- Qualified PSTET, December, 2017.
- Qualified CTET, December, 2019.

Teaching Experience

Assistant Professor (For Teaching Geography), ITEP, Department and School of Education, Central University of Punjab, Bathinda. From 04th October, 2024 to till date.

Administrative Experience

- Member, Curriculum Design and Development Committee, Geography & Pedagogy of Geography (B. A. B.Ed., ITEP) Department of Education.
- Member, Handicap/Disabled committee (2016-18) in Central University of Punjab, Bathinda.
- Member, Board of Studies (2019-21) in Department of Geography and Geology at Central University of Punjab, Bathinda.

Duties and Responsibilities

- Perform duties in the organizing committee of workshops and seminars.
- Perform duty of discipline maintenance and time management during training programs.
- Perform duties during NAAC Accreditation in Central University of Punjab, Bathinda.

Research Area & Research Interests

- Human Geography: Health Geography & Inter-state Water Issues.

Publications

➤ Research Articles in Journals

- Singh, S., Kaur, A. & **Singh, Amandeep**. (2015). Changing Equations of India-Pakistan Relations: Unresolved Kashmir Dispute as a Decider Factor. *International Research Journal of Social Sciences*, 4(3), 88-95. (UGC Journal List No. 45451, ISSN- 2319-3565).
- **Singh, Amandeep**. & Guite, L. T. S. (2022). Healthcare Centres in Rural Areas of Bathinda (Punjab). *Third Concept: An International Journal of Ideas*, 36(426), 22-24. (UGC Journal List No. ISSN 0970-7247).
- Sharma, J. Gupta, A., Sharma, R., **Singh, Amandeep**, Kaur, A., Verma, R. & Saloni. (2024). Emergence of Urbanization and Its Pattern, Trends and Causes: A Case Study of Jammu & Kashmir. *Urban India*, 44(2), 71-79.
- **Singh, Amandeep** & Kaur, Amandeep (2024). Indo-US Nuclear Deal and the Question of China's Influence. *Third Concept: An International Journal of Ideas*, 38(447), 11-15.
- Sharma, R. Guite, L. T. S. & **Singh, Amandeep** (2024). Spatio-Functional Analysis of Elementary Education in Reasi District, Jammu and Kashmir. *Annals of the Bhandarkar Oriental Research Institute*, C 1(11), 48-56. (UGC Journal List No. ISSN: 0378-1143)
- Adyan Ul Haq, L. T. Sasang Guite, Simran Bharti, Shruti Kanga, Fayma Mushtaq, Majid Farooq, **Amandeep Singh** & Suraj Kumar Singh (2025). Geospatial Investigation of Healthcare infrastructure Disparities in Bathinda District of Punjab, India. *Discover Geoscience*, 3(135), 1-17. (Paper Accepted for Publication on 15th September, 2025).

➤ Chapters in Book

- Kumar, G. & **Singh, Amandeep**. (2015). Water Scarcity and Management: A Challenge for India. Proceeding of the 36th Indian Geography Congress (NAGI), ISBN No. 978-93-85215-03-2, Department of Geography. Jaipur: University of Rajasthan.
- **Singh, Amandeep**, Sharma, R., Singh, A. & Guite, L. T. S. (2019). Systematic Geographical Approach of Health and Diseases in Malwa Region, Punjab. Proceeding of 19th Association of Punjab Geographers (APG) Entitled "*Trending Issues in Agriculture and Environment in Punjab: An Overview Analysis*", ISBN No. 978-93-88669-61-0, Department of Geography and Department of Agriculture, Patiala: General Shivdev Singh Diwan Gurbachan Singh Khalsa College, Patiala.
- **Singh, Amandeep**. (2023). Urban Issues & Reforms in Concern to Health and Sanitation. Proceeding in the Book Entitled "*Environment and Health-Frontiers Ahead*", ISBN No. 978-81-930691-4-0. Published by Foundation of Practicing Geographers, Kolkata.

➤ International

- Presented a paper entitled “Indo-US Nuclear Deal from Non-Cooperation to Cooperation: China Factor” in the International Conference on Indo-US Relations and South Asia, October 29-30, 2014 at Rajiv Gandhi National University of Law, Patiala, Punjab.
- Presented a paper entitled “Indian Urban Sprawl & Reforms: An Introduction to AMRUT Mission” in 37th Indian Geographers Meet 2016 on Land Resources Policies, Agriculture and Expanding Urban-Industrial Spaces, February 11-13, 2016 at Kurukshetra University, Kurukshetra.
- Presented a paper entitled “A Systematic Geographical Approach of Health and Diseases in Malwa Region, Punjab” in 19th APG Meet and International Conference on Sustainable Agriculture, Food Security and Environment, November 2-3, 2018 at GSSDGS Khalsa College, Patiala, Punjab.
- Presented a paper entitled “Disease and Rural Health in Bathinda, Punjab: A Geo-Health Analysis” in 13th International Geographical Union (IGU) on Heading Towards Zero: Sustainable Development in Economy, Environment and Society, October 19-21, 2019 at Central University of Haryana, Mahendergarh, Haryana.
- Presented a paper entitled “Public Healthcare System in Rural Areas of Bathinda District” in online International Conference on Future Challenges and Sustainable Development Goals: Science to Policy Framework, organized by International Coordination and Development Programme (ICDP), April 16-18, 2021 at S.B.S. College, (University of Delhi) New Delhi.
- Presented a paper entitled “Profiling of Communicable and Non-communicable Diseases (2013-2018) in Bathinda District Punjab India: A Spatio-temporal Analysis” in online International The 1st Workshop of Asian Young Geographers, Organized by Young Geographer Working Group of Asian Geographical Association (AGA-YGWG), The IGU Task Force for Young and Early Career Geographers (IGU-YECG), and Co-Organizer Key Laboratory of Virtual Geographic Environment (Nanjing Normal University), Ministry of Education of PRC, China, on 18-19 December, 2021.
- Presented a paper entitled “Urban Issues & Reforms in Relation to Health and Sanitation: Analysis of JNNURM/AMRUT Mission” in International E-Conference on Environment and Health-Frontiers Ahead, Organized By Foundation of Practicing Geographers in Association with Department of Geography on February 25-26, 2022 at Adamas University, Kolkata.
- Presented a paper entitled “Role of Working Women in Formal Sector: A Case Study of Mansa District” in International Workshop Cum Conference on Women, Social Innovation and Entrepreneurship: Possible Lessons from India and South Africa, in association with ICSSR and NIHSS, Organized by Department of Economic Studies on 27 to 28 September, 2023 at Central University of Punjab, Bathinda.
- Presented a paper entitled “Health and Disease Scenario of Bathinda District, Punjab: A Socio-Geographical Analysis” in International Conference on Clean Water, Good Health, Sustainable Cities & Communities (CWGHSCC), Organized by School of Liberal

and Creative Arts in collaboration with National Association of Geographers, India (NAGI) from 18th to 19th October, 2023 at Lovely Professional University, Phagwara, Punjab.

- Presented a paper entitled “Public Healthcare Facilities in Bathinda District, Punjab: A Geo-Spatial Analysis” in the 43rd INCA International Congress, Organised by Indian National Cartographic Association (INCA) and Hosted by Regional Remote Sensing Centre-West (RRSC-West), National Remote Sensing Centre (NRSC), Indian Space Research Organization (ISRO), Jodhpur from 06-08 November, 2023.

➤ **National**

- Presented a paper entitled “Water Scarcity and Management: A Challenge for India” in 36th Indian Geography Congress (NAGI, 2014), November 17-19, 2014 at University of Rajasthan, Jaipur.
- Presented a paper entitled “Urban Reforms in India: Journey from JNNURM to AMRUT Mission” in 17th APG Meet and National Conference (2016), November 4-5, 2016 at SCD Govt. College, Ludhiana, Punjab.
- Presented a paper entitled “Covering Urban Health and Sanitation Issues: Analysis of JNNURM/AMRUT Mission” in XXIVth RSA National conference (2017), December 21-22, 2017 at University of Rajasthan, Jaipur.
- Attend One Day National Conference on “Basics of Research Methodology” on 3rd December, 2022. Organized by Indian National Young Academy of Sciences (INIAS) in Collaboration with Central University of Punjab, & AIIMS, Bathinda at Central University of Punjab, Bathinda.

➤ **Seminars**

- Presented a paper entitled “Water as a Source of Conflict or Cooperation: A Study Based on South Asian Experiences” in ICSSR Sponsored National Seminar on India in South Asia: Changing Perspectives in the 21st Century, March 15-16, 2018 at Central University of Punjab, Bathinda.
- Presented a Paper entitled “Climatic Determinants and Emerging Health Geographies: A Case of Vector-Borne Disease in Muktsar District, Punjab” in National seminar & 2nd GSHP Annual Meet on Geography and Climate Change: Issues and Challenges in the 21st Century, Jointly Organized by GB Pant, NIHE, Himachal Regional Centre, Kullu & Geographical Society of Himachal Pradesh Held on 20-21 November, 2023.

Short Term Courses/Workshops/Training Programs

➤ **Short Term Courses**

2014-2024

- Completed three months basic course on “Remote Sensing, Geographical Information System & Global Navigation Satellite System” from 04th August, 2014 to 14th November, 2014 sponsored by National Natural Resources Management System and ISRO.
- Completed one month course on “Geospatial Technologies for Urban Planning” from 11th February, 2016 to 15th March, 2016 sponsored by Department of Space, Indian Institution of Remote Sensing & ISRO, Government of India.

- Completed one month Certificate Program on “Geoweb Services and Geoportal applications” from 28th June, 2016 to 15th July, 2016. Sponsored by NNRMS and Conducted by ISRO, Dehradun.
- Participated in Online Course on “Overview of Geoprocessing Using Python” Conducted by ISRO and IIRS, Dehradun, January 17, 2022 to January 28, 2022.\
- Attend Online One Day Workshop on “Basic of GEE: Introduction to Satellite Data Analysis on Cloud Platform” Conducted by InspireGIS on 3rd March, 2024.

➤ **Workshops**

2015-2024

- Completed five days’ workshop on “GIS & its Applications: Recent Trends in Geography & Geology” from 15th February to 19th February, 2016 organized by Centre for Geography & Geology, conducted at Central University of Punjab, Bathinda.
- Completed five days’ workshop on “Techniques of geological, geomorphological mapping and sampling process for geoscience research” from 13th February to 17th February, 2017 organized by Centre for Geography & Geology, conducted at Central University of Punjab, Bathinda.
- Completed “Ten Days Research Methodology Course for Ph.D. Students in Social Sciences” from 29th July to 9th August, 2017 in Centre for Women’s studies at Aligarh Muslim University, Aligarh sponsored by ICSSR, New Delhi.
- Attend Two Day Workshop on “Capacity Building for e-content and MOOC's Development” from 21st to 22nd September, 2023. Organized by Internal Quality Assurance Cell (IQAC) in Central University of Punjab, Bathinda.
- Completed One-Week’ Online Faculty Development Programme on "Indian Knowledge System and Modern World Education" From 21st -25th May, 2024, Organised by School of Liberal Arts, Noida International University in collaboration with Siddhanta Knowledge Foundation.

➤ **Training Programs**

2015-2024

- Completed two days “Training Program on Introduction to ArcGIS” from 13th to 14th May, 2015 conducted at Central University of Punjab, Bathinda.
- Completed three days “Training Program on Introduction to ERDAS Geomedia” from 5th to 7th December, 2016 in Centre for Geography & Geology at Central University of Punjab, Bathinda.
- Completed one day Training programme on “Trimble TDC 100 (Handheld GPS)” on 23th August, 2017 in Centre for Geography & Geology at Central University of Punjab, Bathinda.
- Completed “Two Day Training Programme on Scientific Literature Search and Plagiarism Detection Softwares” from 26th to 27th March, 2019. Organized by IPR Cell in Central University of Punjab, Bathinda.
- Participated “Advanced Session on Patenting Strategies and Patent Search Exercise for Inventions in Physical and Geological Sciences” Held on 2nd December, 2021. Organized by IPR Cell in Central University of Punjab, Bathinda.
- Participated in One Week Capacity Building Program on “Harnessing Geospatial technology for Forest Fire Disaster Management: Mapping, Monitoring and Mitigation” Sponsored Under ISRO Disaster Management Support Capacity Building

(DMC-CB) Program, Organized by Amity School of Natural Resources and Sustainable Development (ASNRSD), Amity University, Noida, Uttar Pradesh, 11th March to 15th March, 2024.

- Participated in Five day Gian (Global Initiative of Academic Networks) Course on “Economics of Innovation and Sustainable development” Held on 4th March to 8th March, 2025, Organized by Department of Economic in Central University of Punjab, Bathinda.

➤ **Other Programs/Seminars**

2015- 2024

- Attended “One Day Training Programme on Human Rights” on 20th December, 2015 in Centre for Law at Central University of Punjab, Bathinda sponsored by National Human Rights Commission (NHRC), New Delhi.
- Attended one day “Acquaintance program of Inter University Accelerator Centre (IUAC), New Delhi” on 4th April 2016 at central University of Punjab, Bathinda.
- Attend & Participate One Day Programme on “Earth Day, 2023: Invest in our Planet” in Department of Geology at Central University of Punjab, Bathinda, 22 April, 2023.
- Participated in One-Day National Training Programme Sponsored by National Human Rights Commission (NHRC) New Delhi on “Rights of Women in India” Held on 7th October, 2023, Organized by Women Security Cell of S.S.D Girls’ College, Bathinda.
- Participated in One-Day Workshop in “Equity in Higher Education: Empowering First-Generation Students Through NEP 2020” Sponsored by Indian Council of Social Science Research (ICSSR) Under Short-Term Empirical Research Project 2023-24 on 27 February, 2024 at Akal University, Talwandi Sabo.
- Participated in One-Day Workshop in “Marking for Years of NEP: Insights and Reflections on National Education Policy” Organized by Symbiosis Centre for Distance learning (SCDL) Approved by All India Council for Technical Education (AICTE) on 29th July, 2024 in Pune, Maharashtra.

Webinars & Quiz Competitions

➤ **National**

- Participate Online A National Webinar on “Covid-19: Implications for Human and Natural Environment” Jointly Organized by Department of Geography, R. P. S. Degree College, Mahendergarh, Haryana and Department of Geography, Central University of Punjab, Bathinda, Punjab, on 23-24 June, 2020.
- Successfully completed Online GK Quiz Organized by Department of Geography, PSGVPM’S ASC College, Shahada, Distt. Nandurbar on 05 May, 2020.

Summary of Skills

➤ **Remote Sensing and GIS**

2014-2018

- Well-known understanding of ERDAS- Geomedia, QGIS and ArcGIS soft wares through workshops and training programs.
- Hand on practice on QGIS.

➤ **Social Surveying**

2007-2017

- Participated in Various National Service Scheme Camps during Graduation.
- Volunteer survey under *Unnat Bharat Abhiyan* in countryside of Bathinda, Punjab regarding solid waste management.
- Volunteer survey under *Vittyta Saksharta Abhiyan* in Bathinda District Punjab regarding use of digitally enabled cashless economic system for transfer of funds.

Professional Memberships

- Life Time Membership of Indian Society of Remote Sensing (ISRS), Dehradun: Membership No. L-5633.
- Life Time Membership of subscription for journal "Third Concept": An International Journal of Ideas", ISSN 0970-7247: Subscription No. PB/30051/June'2022.
- Life Time Membership of Geographical Society of Himachal Pradesh (GSHP), Himachal Pradesh University, Shimla.

Date: September, 2025

Dr. Amandeep Singh

Place: CUP, Bathinda