

Prof. Mohammad Firoz Khan



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Date of birth: 01.01.1951

Academic record:

S. No.	Year	Degree	Institution
1.	1971	B.A. (English, Urdu, Maths, Geography)	Agra University, Agra
2.	1974	M.A. (Geography)	Aligarh Muslim University, Aligarh
3.	1976	M. Phil (Geography)	Aligarh Muslim University, Aligarh
4.	1990	Ph. D. (Geography)	Jamia Millia Islamia, New Delhi
5.	2009	M. Sc. (Ecology & Environment)	Sikkim-Manipal University, Gangtok
6.	2010	P. G. Dip. (Environmental Management)	G. J. University of Science & Technology, Hisar

Specialisation:

- Population Geography
[at postgraduate & doctoral level in Geography]
- Mathematical Geography
[at postgraduate level in Geography]
- Hydrology and water resources
[at postgraduate level in Environment & Ecology]

Research interests & expertise:

- Environmental Management (Watershed, Ecoregion & Water Management)
- Environmental Impact Assessment (EIA)
- Spatial Demography
- Philosophy of Science & Geography
- Geostatistics

Employment profile:

S. No.	Post Held	Duration
1.	Research Associate, Department of Geography, AMU, Aligarh.	1979-81
2.	Lecturer, Department of Geography, Jamia Millia Islamia, New Delhi	1981-88
3.	Reader, Department of Geography, Jamia Millia Islamia, New Delhi	1988-98
4.	Professor, Department of Geography, Jamia Millia Islamia, New Delhi	1998 till date

Fellowships & Awards:

- Postgraduate Science Merit Scholarship, Faculty of Science, Aligarh Muslim University, Aligarh
- Doctoral Research Fellowship, University Grants Commission, New Delhi.

Honour:

- Invited Member on International Commission on Water Quality (ICWQ) of International Association of Hydrological Sciences (IAHS)

Major research projects completed:

- Fertility and deprivation among Muslims: a case study of rural Shahjahanpur district, Uttar Pradesh [Funded by ICSSR, New Delhi]

Courses taught:

- Man and Environment
- Ecology and Environment
- Population Geography
- Conventional Cartography
- Computer-aided Cartography
- Disaster Management
- Advanced Quantitative Methods in Geography

Ph. D. supervision:

- Supervised 8 students in the fields of Population Geography, Quality of Urban Environment, Agricultural Geography and Agroecology, Regional Rural Development and Experimental Spatial Analysis.

Membership of professional bodies:

National

- Life member of The Indian Society of Remote Sensing (ISRS)
- Life member of Indian National Cartographic Association (INCA)
- Life Member of Indian Association of Hydrologists (IAH)
- Life Member of Association of Population Geographers of India (APGI)

International

- Life Member of American Geophysical Union (AGU)

Membership of academic bodies:

- Member of the Research Committee, University of Kanpur
- External Member on the Board of Studies of Veer Bahadur Singh Purvanchal University, Jaunpur

Contribution to academic life:

- Special Invitee in the Committee of Syllabi, Department of Geography, Aligarh Muslim University, Aligarh and Rohilkhand University, Bareilly

Development of syllabi of courses:

- Two theory papers of course on Disaster Management
- Digital Cartography (All seven theory papers of P.G. Diploma)
- Human Ecology (M.A./ M. Sc)
- Population Geography (M.A./ M. Sc)
- Environmental Planning and Management (M.A./ M. Sc)
- Research Methodology (Ph. D. Programme)

Publications:

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| a). | Papers National: | 15 |
| | International: | 02 |
| b). | Books: | 03 |

Papers presented in conferences and seminars:

1. Sustainability of Agroecological System in Upper Gang-Yamuna Doab
[National Conference at Aligarh Muslim University, Aligarh, 1995]
2. Qualitative Approach to the Quality of Urban Environment: Some Theoretical and Methodological Considerations
[National Conference at Aligarh Muslim University, Aligarh, 2010]
3. **Panel Discussion:** Population, Resources and Development
[National Conference at Aligarh Muslim University, Aligarh, 2010]

Lectures delivered in Staff Training Colleges

1. Scientific Method in Geographical Research
[Jamia Millia Islamia, New Delhi, 2004]
2. Changing Geographical Methodology: Quantitative, Qualitative and Mixed Methods
[Aligarh Muslim University, Aligarh, 2006]

3. Research Methodology of Environment Research
[Jamia Millia Islamia, New Delhi, 2010]

Invited lectures:

1. Environmental Science at the interface of Human and Physical Geography: Concepts, Techniques and Interdisciplinary Approaches [Department of Geography, University of Lucknow, 2005]
2. Recent Philosophical Discourses in Physical Geography: A Review
[Department of Geography, Patna University, Patna, 2006]
3. Spatial Demography: Epistemological and Theoretical Considerations
[Department of Geography, Aligarh Muslim University, Aligarh, 2008]
4. Spatial Demographic Methods: An Example by Estimation and Verification of Sex Ratio at Development Block Level from Point (Village) Data
[Department of Geography, Aligarh Muslim University, Aligarh, 2008]
5. Geodemographics and Spatial Demography: Concerns of Privacy and Induced Consumption
[Department of Geography, Aligarh Muslim University, Aligarh, 2008]
6. Time and Space: Contribution of Muslim Scholars in the Medieval World
[Centre of West Asian Studies, Aligarh Muslim University, Aligarh, 2009]
7. Environmental Planning: A Watershed Management Approach
[Giri Institute of Development Studies, Lucknow, 2010]

List of Publications during last 5 years :

S.No.	Title of the Paper	Name of the Journal/Publisher	ISBN
1.	Muslim Fertility and Inter-Community Differentials	Journal of Objective Studies, New Delhi, (2)1; 2007	N.A
2.	Population Growth and Food Security in the Valley of Kashmir: A Regional Analysis	Population Geography, Chandigarh, 30 (1&2); 2010	0256-5331
3.	Food Security in the Valley of Kashmir: A Regional and Temporal Analysis	Indian Journal of Regional Science, Kolkata, 33 (1); 2011	0046-9017
4.	Quality of Urban Environment: Some Theoretical and Methodological Considerations	National Geographical Journal of India, Varanasi, 57 (1-2); 2011	0027-9374
5.	Community Participation in Water Resource Management: A Case Study of Alwar District, Rajasthan, India	The Deccan Geographer, Pune, 49 (1); 2011	0011-7269
Book			
1.	Quality of Urban Environment: A Case Study of Saharanpur City, Delhi.	Adarat-i-Adabiyat-i-Delhi; 2007	N.A