



Aditi Mahavidyalaya

Faculty Details



Title	DR.	First Name	MAMTA	Last Name	ARORA	Photograph
Designation		Assistant Professor				
Department		Geography				
Address		Department of Geography, Aditi Mahavidyalaya, (University of Delhi), Bawana, Delhi - 110039				
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Web-Page						
Educational Qualifications						
Degree		Institution				Year
Ph.D		Department of Geography, University of Delhi				2021
M.Phil		Department of Geography, University of Delhi				2007
PG		Department of Geography, Delhi School of Economics, University of Delhi				2003
UG		Kirori Mal College, University of Delhi				2001
Career Profile						
Position Held						
Working as an Assistant Professor in Department of Geography, Aditi Mahavidyalaya, University of Delhi since 10 th November 2008 till date						
Administrative Assignments						
Member of Examination Committee, 2008-2009, Co-Convenor of Student Union Advisory Committee in 2009-10, Member of Computer Development Cell 2010-11, Member of Discipline Committee 2011-12, Member of Prize Distribution Committee 2011-12, Member of Environment Committee 2012-15, Member of Garden Committee 2013-14, Member of Admission Committee 2014-15, Core Member of Antardhvani – 2014, Core Member of Antardhvani – 2015, Member of Website Committee 2015-16, Member of Skill Development Committee 2015-1, Member of Gandhi Study Circle 2015-16, Member of Time Table Committee 2015-16, Member of Annual Day Committee 2015-16, Member of Alumni Committee 2015-17 and 2020-22, Member of Innovative Teaching Methodology Committee 2015-17, Member of Canteen Committee 2016-17, Member of Swatchh Bharat Committee 2016-17, Member of Admission Committee, 2016-22, Member of Debate						

Society, 2017-21, Member of IQAC, 2019-22, Member Eco-Club, 2021-22, Members of Cultural Committee, 2022-22, Co-Convenor, Prize Distribution Committee 2021-22.
Areas of Interest / Specialization
Agricultural Geography, Quantitative Methods, Remote Sensing and GIS
Subjects Taught
<ul style="list-style-type: none"> ▪ B.A. (Hons) I Semester: Cartographic Techniques since 2008 onwards ▪ B.A. (Hons.) III Semester: Advanced Spatial Statistical Techniques ▪ BA (H) III (GE): Climate Change: Vulnerability and Adaption ▪ B.A. (Hons) IV Semester: Research Methods ▪ B.A. (Hons.) V Semester: Agriculture and Food Security ▪ B.A. (Hons.) VI Semester: Evolution of Geographical Thought ▪ BA (P) VI Semester: Geography of Tourism <p>BA (H) IV Semester (GE): Industrial Development</p> <p>BA (H) I semester: Digital Cartography</p>
Research Guidance
NA
Publications Profile
<p>Journals</p> <ul style="list-style-type: none"> • Reviewed “150 Glorious Years of Indian Railways” by K.R. Vaiyanathan published in the <i>Journal of Indian Railways</i>, November 2005. ISSN No. 0019-6274 • (2006) “Urban Agriculture and Food Security in North Western Delhi” <i>The Geographer</i>, 53(1):20-33, A M U Geographical Society, Aligarh, ISSN No.0072-0909. • “Role of Urban Agriculture in Food Security in North Western Delhi”, <i>Indian National Geographer</i>, 22 (1&2):107-120, The Institute of Geographers, Lucknow. ISSN No. 3672/87 • Urban Agriculture Land use Planning for Delhi-Central National Capital Region (CNCR), <i>Transaction, Journal of the Indian Institute of Geographers, Pune</i>, Vol 41 (2): 257-270, July 2019, ISSN 0970-9851. https://iigeo.org/wp-content/uploads/2019/11/Transaction-41-2-9.pdf • Assessing Global Climate Change: Extent and Effects (2016), <i>International Journal of Research in Social Sciences</i>, 6(7):160-173, ISSN No. 2249-2492. https://www.indianjournals.com/ijor.aspx?target=ijor:ijrss&volume=6&issue=7&article=013

BOOKS

- Spatial Pattern of Urban Agriculture in NCT of Delhi: A case study of Alipur Block”, ed. P. Patra, *Fringe Dynamism in Delhi Metropolitan City*, Global Publishing House, Ghaziabad, pp. 35-62. ISBN No. 81-87854-05-7
- Urban Development Policies in India, Singh, A and Kumar A (eds), *Geography of Development: Indian Perspectives*, Indian Publishing House, Jaipur, Pg. 55-83, 2017, ISBN No. 81-8289-067-1
- Urban Agriculture: A Response to Combat Climate Change in V.S. Negi (2017): *Climate Change*, Research India Press
- Smart Urban Farming: Future of Agriculture in Patra, P; Devi, R and Sikka, G. *Smart Agriculture: Ancient Wisdom and Modern Technology*, Rawat Publication, ISBN NO. 978-81- 316-1137-1, pp 49-63

Conference Organization/ Presentations (in the last three years)

Food Production in Urban and Peri-urban Areas of Delhi at International Conference on Food Water and Nutrition Security for Health and Well-Being Organised by Department of Geography, Shaheed Bhagat Singh College, (University of Delhi) during December 13-14, 2021.

Urban Agriculture Land use Planning for Delhi-Central National capital Region (CNCR) at 40th Indian Geographers Meet 2019 and National Conference on Water, Sustainability, Liveihood and Climate Change organised by Centre for the Study of Regional development, Jawaharlal Nehru University, New Delhi during 14-16 March, 2019.

Role of Vertical Farming in Climate Change at National Conference on Climate Change and Disaster risk reduction in urban System organised by Aditi Mahavidyalaya (University of Delhi) on March 26, 2018.

Research Projects (Major Grants/Research Collaboration)

Research Project Undertaken: Minor Project on “Urban Agriculture and Waste Management: A Case Study of Clean India Mission in Delhi” commenced from 15th November 2022 – 15th November 2023, sponsored by Aditi Mahavidyalaya (University of Delhi).

Awards and Distinctions

Received **Best Poster Presentation Award** for “Impact assessment of Climate change in Utrakhand” at National Seminar on adaption and Implementation of Paris Agreement National Initiatives Towards “Climate Change Mission” Organised by Shaheed Bhagat Singh Evening College, (University of Delhi) during April 21-22, 2017.

Association With Professional Bodies

Life Member of The Association of Geographical Studies, LM_1327.

Life Member of Indian National Cartographic Association, LM_2576.

Life Member of National Association of Geographers, India, LM_1590.

Life Member of Indian Institute of geographers, Pune, LM_1055

Life Member of Punjab Geographers, Chandigarh

Life Member of National Book Trust.

Member of All India Kitchen Garden Association, New Delhi.

Other Activities

Rapporteur in the Technical Session at National Seminar on Spatial Dimensions of Environmental Problems and Natural Resource Law, organised by Shaheed Bhagat Singh College, (University of Delhi) during September 3-4, 2019.

Certificate of Appreciation from University of Delhi for the evaluation of answer-scripts

Certificate of Appreciation from Shaheed Bhagat Singh College, University of Delhi, for mentoring the research work entitled *Life after Pandemic: A Socio-Emotional Analysis* in National Geographers Youth Conclave 2022 on the theme Domains of Emotional Geography: Environment, Culture and Society on January 27-28, 2022.