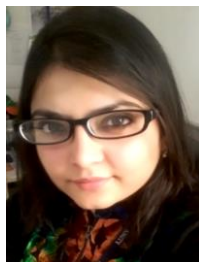


DR. AMBRINA SARDAR KHAN

Associate Professor,
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Integral University, Lucknow

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CAREER OBJECTIVE:

Presently working as an Assistant Professor at Amity Institute of Environmental Sciences, Amity University, Noida, Uttar Pradesh, I have been teaching classes of Under-Graduate, Post-Graduate and Doctorate students of environmental sciences and use constructive and effective teaching methods. I want to work in a competitive & challenging environment that would provide me with new learning and growth opportunities. Being an environmentalist, my aim is to create awareness about the environment and environmental degradation to the general masses and sensitize them to save their planet. I am a writer and have almost 300 of English and Urdu poems, couplets and gazals to my collection.

PROFESSIONAL STRENGTHS:

- ❖ Sound conceptual knowledge of all subjects of Environmental Sciences.
- ❖ Excellent verbal communication and writing skills.
- ❖ Positive thinking, high work motivation, accommodative personality, ability to work in critical conditions and strong people-orientation.
- ❖ Ability to work in automated and computerized office environments.
- ❖ Taking initiatives for institutional growth and leading the tasks.

EDUCATIONAL QUALIFICATION AND ACADEMICS:

- ❖ Awarded **D.Phil. in Environmental Sciences** from University of Allahabad in year 2010*.
- ❖ Post Graduation: **M.Sc. Environmental Sciences** from University of Allahabad with **I Division** in year 2005 with 70.6%.
- ❖ Graduation: **B.Sc. (Chemistry, Botany & Zoology)** from University of Allahabad with **I Division** in year 2003 with 70.4%.
- ❖ **Intermediate Examination** from ISE Board with **I Division** in year 2000 with **73.0%**.
- ❖ **High School Examination** from ICSE Board with **I Division** in year 1998 with **78.8%**.

*Title of the thesis: - **Status of Nutrition, Health, and Environmental Priorities for Sustainable Urban Development: A Case Study of Allahabad City.** (The research work was based on the complete environmental monitoring of different residential areas. The

study also included the monitoring of health status as the environment and nutrition are very closely linked parameters and equally responsible for a healthy environment. The data of all the communicable and noncommunicable diseases were collected and mapped with the environmental data obtained to establish the correlation with the same. Since the environment is governed by multi factors hence to achieve sustainable development, all the socio-economic-environmental parameters need to be knitted together.)

SANCTIONED PROJECT: Development of GIS Based Decision Support System for Health Impact Assessment due to Anthropogenic Pollution in River Yamuna (Sanctioned May 2016) as Co-PI, of Rs 42, 00,000/-

FIELD OF RESEARCH & training programmes:

Environmental monitoring and assessment, Health risk assessment, and Sustainable Development

MEMBERSHIP IN RENOWNED ACADEMICS BODIES

- Life-time Membership in ‘The Indian Science Congress Association’, L28253
- Reviewer for Habitat International, Elsevier
- Reviewer for Scientific Research & Essays (SRE)
- Reviewer for Bulletin of Environment and Scientific Research
- Board Member for Faculty Interview for Amity Institute of Environmental Sciences
- Board Member for Faculty Interview for Amity Institute of Geo-informatics & Remote Sensing

COMPUTER PROFICIENCY:

- Sound knowledge of Windows XP, Windows 7, Windows Ultimate, MS Office 2000, 2003, 2007, 2010, 2013 version, Microsoft Word, Excel, Power Point Presentation, Internet Browsing.

WORK EXPERIENCE

- Working as an Associate Professor at Integral University, Lucknow since June 2023.
- Worked as an Assistant Professor at Amity University, Noida since September 2010- June 2023
- Worked as the News Anchor, reporter and freelance journalist for a News Channel, Global News Network 2000-2005.

- o Worked for a National Television Channel, Delhi Doordarshan Urdu as a show anchor and Assistant Director for the program “Hum Qadam Hum Nasheen” scheduled and telecast in 2010.

8. PHD RESEARCH GUIDANCE:

S.No	Title of Ph.D thesis	University	Name of Student(s)	Supervisor/Co-Supervisor	Enrollment Year	Status
1.	Ecological assessment of Chambal River system by the use of Ecological Indices	Amity University, NOIDA	Ms Sarika Grover	Co-Supervisor	2015	Awarded-2018
2.	Ecological & health risk assessment of Industrialization on the river Ghaggar and its riparian communities	Amity University, NOIDA	Mr Ravi Kant Pareek	Supervisor	2014	Awarded-2019
3.	Assessment Of the Effect Of CETP & STP Effluent Used For Irrigation On The Ground Water Quality Of Irrigated Area Jajmau, Kanpur	Amity University, NOIDA	Ms Richa Gupta	Co-Supervisor	2014	Awarded-2022
4.	A system approach to improve the e-waste management practices	Amity University, NOIDA	Ms. Dharna Tiwari	Supervisor	2013	Awarded-2021
5.	Impacts of primary and secondary air pollutants on crops around NTPC	Amity University, NOIDA	Ms. Priya Choudhary	Supervisor	2017	Awarded-2022

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ACADEMIC ACHIEVEMENTS:

- Delivered lecture on “Environmental Consciousness and SDGs” in a Faculty Induction Program on 28.02.2023, Amity University Noida.
- Delivered lecture in Online Five-Day Faculty Development Program on “Recent Advancement in Environmental Sustainability and Conservation Strategies” on the topic “Environmental health risk assessment & monitoring” on 18.05.2021.
- Nominated and attended Six days FDP on *Curriculum Designing, Outcome Based Learning, Effective Assessment and Life Skills for Holistic & Multidisciplinary Education* from 15th March-20th March 2021, Amity University Noida.
- Delivered a lecture on ‘*Environment and covid19: A war or a solution to the world*’ in two day Online National Workshop on “*COVID-19: Lockdown & Environmental Restoration*” during 25-26 April 2020.
- Delivered a lecture on “*Impact of various agricultural practices on environment and human health*”, in National Webinar “Challenges and Strategies for Agriculture, Health & Educational Services during Covid-19 in India” May 22, 2020.

- Training on Seven days Inter Disciplinary E-Workshop On Bioinformatics And Computational Biology: Introduction And Applications from 09th – 15th of December 2020
- Podcast discussion on COVID19, May 19, 2020
- Panelist at International Webinar on Global Climate Change: Evidence, Causes, Effects & Solution organized by Ewing Christian College (University of Allahabad), 5-7July, 2020.
- Conducted Online Workshop for Faculty Development on “REMOTE LEARNING STRATEGIES FOR ENVIRONMENTAL STUDIES COURSE 27th August 2020
- Conducted WORKSHOP FOR PROCTORS ON REMOTE & ON CAMPUS DISCIPLINARY PROCEDURES - FRIDAY 31st JULY 2020
- Training Programme on Mainstreaming Climate Change Adaptation in Development from November 25 to November 29, 2013, at Indian Institute of Public Administration.
- Faculty Development Programme on “Tools and techniques for Environmental Monitoring & Management” on May 20th, 2013, at Amity University, Uttar Pradesh.
- Faculty Development Programme on “Global Environmental Issues” on June 08th 2012 at Amity University, Uttar Pradesh.
- BSI Training of ISO 22000:2005 Food Safety Management Implementation and Auditor course, May 12th & 13th 2011 at Amity University Uttar Pradesh.
- Faculty Development Programme on “Conduct of Environmental Studies Course in UG- programmes” on October 04th 2011 at Amity University, Uttar Pradesh.
- Faculty Development Programme on “Usage of Amizone” on June 15th 2011 at Amity University, Uttar Pradesh.
- Faculty Development Programme on “Amity Academic structure & systems” on May 30-31st 2011 at Amity University, Uttar Pradesh.
- Training on "Monitoring of Air Quality, Water Analysis and Methodologies of Environmental Impact Assessment" from November 17 to 28, 2008 in Indian Institute of Toxicological Research Lucknow, (U.P.) India.
- 6 months Dissertation: - “Slums and it’s real view”. Submitted dissertation on “Slums & its real view” (2004-2005) and secured 90% marks.

PUBLICATIONS: (Scopus / Thomson Reuter/ SCI indexed articles/ UGC approved)

RESEARCH PAPERS:

1. Ritu Nagdev, Ambrina Sardar Khan and Shakeel Ahmed Khan (2022). Role of biogas slurry in soil health development. *The Science World a Monthly e- Magazine*, December, ISSN:2583-2212 December 2022; 2(12), 2241-2244
2. Priya Choudhary, Shakeel Ahmad Khan, and **Ambrina Sardar Khan** (2022). Effect of air pollutants on physiological parameters and yield attributes of paddy and wheat crops in Faridabad region, India. *Journal of Applied and Natural Science*, 14(1), 36 - 44 (2022), ISSN: 0974-9411 (Print), 2231-5209 (Online)
3. Priya Choudhary, Shakeel Ahmad Khan, **Ambrina Sardar Khan**, Sandeep Kumar, Lal Chand Malav (2021). Air Pollution Tolerance Index Of Wheat And Rice In The Proximity Of Gas Based Power Plant. *Journal of Experimental Biology and Agricultural Sciences*, December - 2021; Volume – 9(6) page 791 – 804
4. Dr. Prateek Srivastava, Shalini Dhyani, Mrinal Alexander Emmanuelle and **Dr. Ambrina Sardar Khan*** (2021). COVID-19 and Environment: A poignant reminder of sustainability in the new normal, environmental Sustainability, *Environmental Sustainability* 2021; 4(4): 649–670. Published online 2021 Sep 24. doi: 10.1007/s42398-021-00207-4
5. Dr. Ravi Kant Pareek, **Dr. Ambrina Sardar Khan** and Dr. Prateek Srivastava (2020). Impact on Human Health Due to Ghaggar Water Pollution. *Current World Environment*, ISSN: 0973-4929, Vol. 15, No. (2) 2020, Pg. 211-217
6. Dharna Tiwari, Gautam Mehra, **Ambrina Sardar Khan** and Nidhi Gauba Dhawan (2019). “Systemic Approach to Formalizing the Informal Sector in e-waste”. *Annals of Biology* 35 (2): 173-180, 2019, ISSN: 0971-9660, Scopus Indexed-SJR-0.20.
7. Ravi Kant Pareek, **Ambrina Sardar Khan**, Parteek Srivastava and Surendra Roy (2019). Water Pollution Assessment of Ghaggar River. *International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)*, (UGC APPROVED) Impact Factor: 5.22 (SJIF-2017), e-ISSN: 2455-2585 "A National Conference on Recent Trends in Civil Engineering-II" Volume 5, Special Issue 03, March-2019.
8. Dharna Tiwari, Lakshmi Raghupathy, **Ambrina Sardar Khan** and Nidhi Gauba Dhawan (2019). “A study on the e-waste collection systems in some Asian countries with special reference to India”, *Nature*

Environment and Pollution Technology (p-ISSN 0972-6268; e-ISSN 2395-3454). Vol. 18, No. 1, pp. 149-156, (March), Year 2019. Scopus Indexed (I.F- 1.953)

9. Ravi Kant Pareek, **Ambrina Sardar Khan**, Parteek Srivastava and Surendra Roy (2018). A Study of Seasonal Physicochemical Parameters in River Ghaggar. Annals of Agri Bio Research, ISSN: 0971-9660, 23(2):171-177, Scopus Indexed-SJR-0.20
10. Ravi Kant Pareek, **Ambrina Sardar Khan**, Parteek Srivastava, Surendra Roy and Sarika Grover (2018). Ecological Assessment of Ghaggar River with Diatoms. Plant Archives, (International Journal of Plant Research), ISSN: 0972-5210, Vol. 18 No. 1, Sep, 2018 pp. 1074-1080, UGC Serial no. 30969, Scopus Indexed (NASS-4.41)
11. Richa Gupta, Prateek Srivastava, Ambrina **Sardar Khan** and Ajay Kanaujia (2018). Impact of CETP Effluents on Crops and Ground Water Quality of Jajmau Area, Kanpur, Uttar Pradesh, India. Plant Archives, (International Journal of Plant Research), ISSN: 0972-5210, Vol. 18 No. 2, 2018 pp. 1603-1616, May 2018, UGC Serial no. 30969, Scopus Indexed (NASS-4.41)
12. Richa Gupta, Prateek Srivastava, Ambrina **Sardar Khan** and Ajay Kanaujia (2018). Impact of Sulphide on Irrigation, Generated from Anaerobically Treated Tannery Effluent at Jajmau, Kanpur. International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 6 Issue V, pp-2098-2102, May 2018
13. Adeela Hameed and **Ambrina Sardar Khan** (2018). Earth's climate: Influences from extra terrestrial bodies. International Journal of Advance Research, Ideas and Innovations in Technology, (Volume 4, Issue 5), pp 125-127, ISSN: 2454-132X Impact factor: 4.295
14. Ravi Kant Pareek, **Ambrina Sardar Khan**, Parteek Srivastava and Surendra Roy (2018). Assessment of Physicochemical Properties of Ghaggar River. Journal of Biological and chemical Chronicles, 4(1), 19-25, ISSN (Online): 2454 - 7476. UGC Serial no. 63745(GIF-0.876,JIF-4.275), May 2018
15. Ravi Kant Pareek, **Ambrina S. Khan**, Parteek Srivastava and Surendra Roy (2018). A Study of Heavy Metal Pollution of Ghaggar River. International Journal of Theoretical & Applied Sciences, 10(1): 66-70(2018), ISSN No. (Print): 0975-1718. UGC indexed (CIF-3.568), Feb 2018
16. Richa Gupta, Prateek Srivastava, Ambrina **Sardar Khan** and Ajay Kanaujia (2018). Ground Water Pollution in India- A Review. International Journal of Theoretical & Applied Sciences, 10(1): 79-82(2018), ISSN No. (Print): 0975-1718. UGC indexed (CIF-3.568), Jan 2018

17. Dharna Tiwari, Lakshmi Raghupathy, **Ambrina Sardar Khan** (2018). Evolving an E-Waste Tracking System for India to Mitigate the Problems of E-Waste Management. *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor :6.887 Volume 6 Issue I,1865-1873 January 2018- (Thomson Reuters Researcher ID: N-9681-2016 & UGC indexed)
18. Sarika Grover, Prateek Srivastava, Jyoti Verma and **Ambrina Sardar Khan** (2017). "Eco-Taxonomical Studies on Diatoms from the Chambal River (Central India)", *Plant Archives, (International Journal of Plant Research)*, ISSN: 0972-5210, Vol. 17 No. 2, 2017 pp. 1517-1532, UGC Serial no. 30969.
19. Prateek Srivastava, Sarika Grover, Jyoti Verma and **Ambrina Sardar Khan** (2017). Applicability and efficacy of diatom indices in water quality evaluation of Chambal River in central India. *Environmental Science and Pollution Research*, Publisher Springer Netherlands. Volume 24, Issue 33 pp 25955–25976. Impact Factor = 2.75 UGC JOURNAL NUMBER: 19836, ISSN: 0944-1344 (print version), ISSN: 1614-7499 (electronic version).
20. Jyoti Verma, Prateek Srivastava, **Ambrina Sardar Khan**, Anita Gopesh (2017). Check list of diatom taxa from Vindhyan Rivers in Central Highland region. *Annals of plant sciences*, 6(11), pg-1721-1727. ISSN:2287:688X
21. Sarika Grover, Jyoti Verma, Prateek Srivastava & **Ambrina Sardar Khan** (2017). Spatial variation in the benthic diatom flora and its diversity in the Highland-Plateau Rivers (Central India). *International journal for Research in Applied Science and Engineering Technology*. Vol.5 (11) November, pp. 2405-2413. ISSN 2321-9653. IC Value: 45.98. Impact Factor: 6.887
22. Madhuri kumara, Noyingbeni Kikon, **Ambrina Sardar Khan** and Prateek Srivastava (2017). A GIS based study of Urbanization Impact on land surface temperature in Greater Noida, India. *International Journal for Research in applied science and engineering technology*. Vol 5(9): 608- 615. ISSN No: 2321-9653, UGC JOURNAL NUMBER: 45842 Impact factor: 6.887 (Thomson Reuters Researcher ID: N-9681- 2016).
23. Prateek Srivastava, Jyoti Veoma, Sarika Grover & **Ambrina Sardar Khan** (2016). 'On the Importance of Diatoms as Ecological Indicators In River Ecosystems: A Review', *Indian Journal of Plant Sciences*. Vol.5 (1) January-March, pp.70-86. ISSN 2319-3824. Index Copernicus Value (ICV) = 5.17. 43710
24. Pritha Acharya, **Ambrina Sardar Khan***, & Santanu Ray (2015). Determining the interrelationship between macaque population and land cover/ use type in Delhi, using line transect method. *Biological Forum- An International Journal*, 7(2): 930-943. **ISSN No. (Print): 0975-1130, Scopus indexed, [Scientific Journal Impact Factor: 2.9].**

25. Sarath Syamaprasad, **Ambrina Sardar Khan** & Madhuri Kumari (2015). Depletion of water quality and quantity in Kuttanad, Kerala. Amity Journal of Environmental Sciences, Volume 1- Issue 1, pp-9-17; Feb 2015; ISSN- 2454-7778.
26. Sarika Grover & **Ambrina Sardar Khan*** (2014). "Effect of Ionizing radiation on some characteristics of seeds of wheat". International Journal of Scientific & Technology Research. Volume 3- Issue 4, April 2014; pp-32-39; ISSN 2277-8616 [SJIF: 3.023].
27. Sarika Grover & **Ambrina Sardar Khan** (2014). "Sensitivity of Ionizing radiation on wheat plant growth due to the impact on biochemical characteristics". International Journal of Research & Development in Technology and Management; Volume - 21 | Issue - 1 |p 32-39, APRIL 2014, ISSN 2277-8616; . [Impact Factor 6.88]
28. **Ambrina Sardar Khan** & Prateek Srivastava (2014). People Participation and Community Movements for Environmental Protection. Research Journal of Social Science & Management, Volume: 03, Number: 11, pp 101-114, March-2014. ISSN: 2251-1571. [SJIF: 6.86]
29. Sarika Grover, **Ambrina Sardar Khan** and Bhupinder Singh (2014). Combating Climate Change by treating the crop varieties with radiation of various doses to increase their yield. International Journal of Applied Engineering Research, Vol.9(3), pp-248-252, ISSN:0973-4562 [Impact factor 2.1479]
30. Nidhi Gauba Dhawan, **Ambrina Sardar Khan** and Prateek Srivastava (2013). A general appraisal of *Leonotis nepetifolia* (L) r. Br: an essential medicinal plant. Bulletin of Environment, Pharmacology and Life Sciences, Vol. 2 (8) July 2013; 118-121, ISSN: 2277-1808. [Impact Factor 0.982], NAAS-4.95
31. **Ambrina Sardar Khan** & Prateek Srivastava (2012). Physicochemical Characteristics of Ground water in and around Allahabad City: A Statistical Approach". Bulletin of Environmental and Scientific Research Vol. 1, No 2 (2012): pp 28-32 ISSN: 2278-5205.
32. **Ambrina Sardar Khan** & D.N. Shukla (2010). Chemical and Biological analysis of Potable water in certain areas of Allahabad. Life Science Bulletin, Vol.7 (1) 2010:39-42 ISSN: 0973 5453.

33. P.K. Khare & **Ambrina Sardar Khan (2008)**. The presence of Coli forms indicates the Poor Water Quality of Slums in Allahabad, *In Water (Ensuring Safety & Management, The Institute of Applied Physics)*. pp.36-40.

BOOK CHAPTERS:

1. Jyoti Verma, Akriti, Hemlata Pant and **Ambrina Sardar Khan*** (2023). Biofuels from Diatoms: Potential and Challenges. *In Insights into the World of Diatoms: From Essentials to Applications*, Edited Book, Springer Nature, Nature Publishing Group. ISSN 2730-6755, ISSN 2730-6763 (electronic), Plant Life and Environment Dynamics ISBN978-981-19-5919-6, ISBN 978-981-19-5920-2 (eBook), <https://doi.org/10.1007/978-981-19-5920-2>
2. Saleha Naz, Sarika Grover, **Ambrina Sardar Khan**, Jyoti Verma, and Prateek Srivastava (2023), Terrestrial Diatoms and Their Potential for Ecological Monitoring *In Insights into the World of Diatoms: From Essentials to Applications*, Edited Book, Springer Nature, Nature Publishing Group. ISSN 2730-6755, ISSN 2730-6763 (electronic), Plant Life and Environment Dynamics ISBN978-981-19-5919-6, ISBN 978-981-19-5920-2 (eBook), <https://doi.org/10.1007/978-981-19-5920-2>
3. Nupur Joshi and **Ambrina Sardar Khan*** (2023). Integrating Environmental Monitoring Techniques for an Effective Healthcare System *In Geoinformatics for Sustainable Urban Development*, published by CRC Press (Taylor & Francis Group), USA, p159-172, eBook ISBN: 9781003331001
4. Akanksha, Pranjali Pandey, and **Ambrina Sardar Khan*** (2023). Anatomization of Land Use/ Land Cover (LULC) Dynamics with a Focus on Land Surface Temperature in Lucknow City Using Geospatial Techniques *In Geoinformatics for Sustainable Urban Development*, published by CRC Press (Taylor & Francis Group), USA, p85-104, eBook ISBN: 9781003331001
5. Sarika Grover, Prateek Srivastava, Jyoti Verma and **Ambrina Sardar Khan** (2020). Biomonitoring by diatoms-A review *In Innovations in agriculture environment and health research for ecological restoration* published by Society of Biological Sciences and Rural Development India. ISBN: 9788192353555
6. Shweta, Kanchan Vishwakarma, Shivesh Sharma, Raghvendra Pratap Narayan, Prateek Srivastava, **Ambrina Sardar Khan**, Nawal Kishore Dubey, Devendra Kumar Chauhan, Durgesh Kumar Tripathi (2017). "Plants and Carbon Nanotubes (CNT) Interface: Present Status and Future Prospects" *In Nanotechnology: Food and Environmental Paradigm* by Springer Nature Singapore Pte Ltd. (ISBN 978-981-10-4678-0).
7. **Ambrina Sardar Khan**, Prateek Srivastava & Sarika Grover (2016). Genetically Modified Organism *In Technical Advances in Plant Science*. Nova Science Publishers, INC.NY 11788-3619, USA.pp-243-261, ISBN: 9781536100044

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BOOKS

1. **Prateek Srivastava**, Ambrina Sardar Khan, Jyoti Verma and Shalini Dhyani (2023), Insights into the World of Diatoms: From Essentials to Applications, Edited Book, Springer Nature, Nature Publishing Group. ISSN 2730-6755, ISSN 2730-6763 (electronic), Plant Life and Environment Dynamics ISBN978-981-19-5919-6, ISBN 978-981-19-5920-2 (eBook), <https://doi.org/10.1007/978-981-19-5920-2>
2. Nidhi Gauba Dhawan and **Ambrina Sardar Khan (2013)**. Disaster Management and preparedness. CBS publishers and distributors, Delhi. **ISBN: 978-81-239-2380-2**
3. **Ambrina Sardar Khan (2012)**. Health & Environment: Key factors for Sustainable Urban Development (Changing cities with challenging issues), **2012**, Lambert Academic Publication, ISBN No. **978-3-659-23930-4**.

CONFERENCE PROCEEDINGS

1. Ritu Nagdev, Ambrina Sardar Khan, Renu Dhupper and Shakeel Ahmed Khan (2023). Role of bioslurry in reducing the impact of chemical fertiliser. 8th National Conference on Science & Technology for Nation and Development: Opportunities and Global Challenges organised by Arya PG College, Haryana. ISBN No. 978-93-83861-78-1. Page -73.
2. Ritu Nagdev, Ambrina Sardar Khan, Renu Dhupper and Shakeel Ahmed Khan (2023). Utilization of bioslurry for ecofriendly agriculture. 3rd International Conference on Innovative approach for agriculture, horticulture and allied Sciences organised by SGT University, Gurugram, Just Agriculture Group, ISAHRD Chandigarh. ISBN No. IAAHAS/AB/2023/237.
3. Priya Choudhary, Shakeel Khan & **Ambrina Sardar Khan, (2019)**. Measurement of Ambient PM10 concentration during winter season at Faridabad at International conference on Renewable, Environment and Agriculture (ICREA) held on April 15 -16, 2019, organized by SARC.
4. Priya Choudhary, Shakeel Khan & **Ambrina Sardar Khan (2019)**. Quality of Agricultural Soil in the vicinity of Brick kiln at Faridabad. International conference on Basic Applied Sciences, Bioprocess Techniques, Environmental Engineering and Clean Technologies for Sustainable Swachha Bharat (SYNERGY-2019), organized by Krishi Sanskriti on February 9, 2019.
5. Madhuri Kumari, B. K. P. Sinha, Prateek Srivastava, **Ambrina Sardar Khan**, Rahat Zehra and Ravi Yadav **(2018)**. Impact of Non-Point Source Pollution of Agriculture on water quality of River

Yamuna: GIS based quantification. In proceedings of International Conference on IEEE Technological Innovations in ICT for Agriculture and Rural Development organized by Easwari Engineering College, Chennai on April 5-6, 2018

6. **Ambrina Sardar Khan**, Prateek Srivastava and Sarika Grover (2016) Health Risk Assessment of Individuals of Dissimilar Socio-Economic Strata: A Case Study of Allahabad City, UP. Proceedings of national seminar “Innovative Green Technology for Sustainable Sanitation, Health & Environment” organized by Poornima College of Engineering on April 22, 2016 (International Earth Day).
7. Dharna Tiwari, **Ambrina Sardar Khan**, & Nidhi Gauba Dhawan (2015). E-waste recycling in Informal Sector-A potential health hazard. In proceedings of Safety Convention 2015, “Incorporating Safety in Habitat and smart cities” September 3-5, 2015, organized by the Institution of Engineers (India), Delhi state center, pg 87-92.

PAPER/POSTER PRESENTATION IN NATIONAL AND INTERNATIONAL SYMPOSIA/ SEMINAR/ WORKSHOP:

1. Oral Presentation in the paper entitled "Heavy Metal Contamination In Surface Water And Groundwater Of River Yamuna Basin And Its Impact On Human Health." HEALTH 2021 Virtual International Conference on “CANCER BIOLOGY: Advances & Challenges” November 11-13th, 2021
2. Priya Choudhary, **Ambrina S. Khan**, Shakeel Ahmad Khan (2021). Effect of air pollution in chlorophyll content of rice. Three day online international conference on environment and sustainable development in post covid 19 through SDGs, organized by Society for Environment and Sustainable development on 3-5th June 2021
3. Priya Choudhary, **Ambrina S. Khan**, Shakeel Ahmad Khan (2020). Change on concentration of ascorbic acid in rice and wheat around NTPC. 29th National Web conference on sustainable soil and water management for biodiversity conservation, food security and climate resilience, organized by Soil conservation society of India on 29-30th Dec 2020
4. Climatic alterations and its impact on COVID-19: A correlative study in India, Global Sustainability Summit–The New Normal, June 3-5, 2020, Amity University

5. Role of GIS And Other Health Impact System for Community and Family Welfare, Global Sustainability Summit–The New Normal, June 3-5, 2020, Amity University
6. "Risk to marine ecosystem due to plastic pollution". Global Sustainability Summit–The New Normal, June 3-5, 2020, Amity University.
7. "Effect of climate change on air quality in metro cities in India", Global Sustainability Summit–The New Normal, June 3-5, 2020, Amity University
8. B. K. P. Sinha, Madhuri Kumari, Prateek Srivastava, **Ambrina Sardar Khan**, Laxmi Gupta, Kaushik Talukdar (2018). Integrated Approach for assessment of Pollution Severity in River Yamuna from Yamunotri to Sangam using HPI and GIS. In proceedings of International Conference on Sustainable Water Management organized by Bhakra Beas Management Board, Mohali on December 11-12, 2018.
9. B. K. P. Sinha, Madhuri Kumari, Prateek Srivastava, **Ambrina Sardar Khan**, Kaushik Talukdar, Laxmi Gupta (2018). Monitoring and management of water pollution in River System using GIS based web application. In proceedings of International Conference on Sustainable Water Management organized by Bhakra Beas Management Board, Mohali on December, 11-12 , 2018.
10. **Ambrina Sarda Khan (2017)**. "Innovative teaching methodologies in higher education and students' participation" in National Seminar on Higher Education in India: Vision 2030 with special reference to Sustainable Development Goals on January 28, 2017 organized by Maharaja Bijli Pasi Government PG College, Lucknow U.P
11. Sarika Grover, Prateek Srivastava & **Ambrina Sardar Khan** (2016). Studies on diatom flora in river Chambal. Amity institute of Environmental toxicology and Safety Management, Amity University. "International conference on New insights & multidisciplinary approach in toxicological studies", August 3-5, 2016, in association with Society of toxicology as 36th annual conference of society of toxicology (India).
12. Sarika Grover, Prateek Srivastava & **Ambrina S Khan** (2016). Ecological assessment of the river Chambal by the application of trophic diatom index. 1st International River Summit, Global Water security & Biodiversity; River Water User Association –IRDRA, November 24-26, 2016, Allahabad, India
13. **Ambrina Sardar Khan**, Prateek Srivastava and Sarika Grover (2016) Health Risk Assessment of Individuals of Dissimilar Socio-Economic Strata: A Case Study of Allahabad City, UP., National

seminar “Innovative Green Technology for Sustainable Sanitation, Health & Environment” organized by Poornima College of Engineering on April 22, 2016 (International Earth Day).

14. Sarika Grover, **Ambrina Sardar Khan** and Bhupinder Singh (2014)- paper entitled “Combating Climate Change by treating the crop varieties with radiation of various doses to increase their yield” in 2nd International conference on Sustainable Innovative techniques in Civil And Environmental Engineering” SITCEE-2014, 4th & 5th January at JNU, New Delhi.
15. **Ambrina Sardar Khan** (2013) presented paper entitled “Social Movements for Environmental Issues: Need for and Importance of 21st Century”. International Seminar on “New Social Movements in the Era of Globalization” Rajiv Gandhi Contemporary Studies, University of Allahabad, February 22-23, 2013.
16. **Ambrina Sardar Khan** presented a paper in National Conference on Pollution Prevention & Paradigm, 11th – 12th May 2012 at Amity University, Uttar Pradesh.
17. **Ambrina Sardar Khan** presented paper entitled “Status of Nutrition and Health in the different Socioeconomic Classes of Allahabad city”, 12th Indian Agricultural Scientists & Farmers Congress and National Symposium on Food Security in changing Climate, held at ISDC, Allahabad, on February 20-21, 2010.
18. **Ambrina Sardar Khan** presented paper entitled “Role of Social participation and environmental awareness to promote healthy practices” in the National Symposium on Health and Sanitation: Rural Perspective, organized by The Institute of Applied Sciences, Allahabad on February 6 & 7 2010.
19. **Ambrina Sardar Khan** presented paper entitled “Sustainable Agricultural Practices” in 11th Indian Agricultural Scientists & Farmers Congress held at ISDC, Allahabad, February, 14 & 15, 2009.
20. **Ambrina Sardar Khan** & P.K. Khare, (2009). Chemical Carcinogens in the daily dietary intake. Abstract published in National Seminar on "Emerging Trends and Advances in Chemical Research". February 8-10, 2009. Department of Chemistry, University of Allahabad, Allahabad.
21. **Ambrina Sardar Khan** & P.K. Khare, Genetically Modified Food: A Risk to Human Health. Abstract Published in 31st All India Botanical Conference & International Symposium on Plant Biology and Environment: Changing Scenario, December 17-19, 2008, at Department of Botany, University of Allahabad, Allahabad.
22. **Ambrina Sardar Khan** presented paper entitled “Water crisis in Allahabad City and its mitigation strategies” in National symposium on Sustainable Management of Potable Water, organized by The Institute of Applied Sciences, Allahabad on March 29-30, 2008.
23. **Ambrina Sardar Khan** & P.K. Khare, presented paper entitled “Development and Environment: A Parasitic Association”. National Seminar in Department of Political Science in Collaboration with Institute of Gandhian thought and Peace studies, February 25-26, 2008. Department of Political Science, University of Allahabad, Allahabad.

24. **Ambrina Sardar Khan** & P.K. Khare, presented paper entitled "Indoor Air Pollution: A threat to Public health and its control". National Symposium and Seminar on "Frontiers of Chemistry Research at A.U." January 24 to 25, 2008. Department of Chemistry, University of Allahabad, Allahabad.
25. **Ambrina Sardar Khan**, paper presented entitled "Bio-pesticides and their advantages" in the National symposium on "Recent Advance in Microbial Bio-fertilizers, Production and Utilization Technology" held on December 13-14, 2007, at Ishwar Saran Degree College Allahabad.
26. **Ambrina Sardar Khan**, paper presented entitled "River Interlinking: Long term ecological impacts" in the International Conference of International Tropical Ecology Congress 2007, 2-5 December 2007, Dehradun, Uttarakhand, India.

PARTICIPATION IN NATIONAL AND INTERNATIONAL SYMPOSIA/ SEMINAR/ WORKSHOP:

1. Organized and Participated in International Conference on South Asia: Soil
2. Participated in Safety Convention 2015, "Incorporating Safety in Habitat and smart cities" September 3-5, 2015, organized by the Institution of Engineers (India), Delhi state center.
3. Participated in International Conference on "Spatial Decision Support system For Health Impact Assessment of Anthropogenic Pollution and Formulation of Restoration Strategies for River Basin". IAMG 2014, 16th Conference, Geo-statistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment: Challenges, Processes and Strategies, October 17-20, 2014, New Delhi India.
4. Participated in International Conference on Anthropogenic Impact on Environment and Bioremediation, 26th – 28th November 2012 at Tirupati, Andhra Pradesh.
5. Participated in One Day workshop on "Life Safety" by Rashtriya life saving Society of India, on May 24th, 2012, and certified as First Aider from a National body RLSS.
6. Awareness Programme on Green Buildings, AUUP, Ministry of New and Renewable Energy, ISTE, ICMQ, Civil Engineering Department, Amity School of Engineering and Technology, 22nd July 2011.
7. Workshop on Food Security Management System, Quality Assurance Enhancement Department, 12-13th May 2011, AUUP.
8. Participate in the one-day seminar "High impact of presentation skills" on February 24, 2009, at Ewing Christian College, Allahabad. (An Autonomous constitution College of University of Allahabad).
9. Participated in the DAE-BRNS international symposiums, "Emerging trends in Separation Science and Technology (SES TEC.2008)", held at Department of Chemistry, University of Delhi, held on March 12-14, 2008.
10. 12 min talk on "Industrialization and Problem of Slums" in Broadcasting Corporation of India, broadcasted on April 10, 2008.

11. 12 min talk on "Use of Pesticides in food and food products" in Broadcasting Corporation of India, broadcasted on January 01, 2008.

ARTICLES:

Newsletter

- 1) **Ambrina Sardar Khan** and Prateek Srivastava. "Inter Linking of Rivers in India And Associated Issues". Vol. 18 Issue, 2015. Newsletter, National Environmental Science Academy (2015).
- 2) **Ambrina Sardar Khan**. "Food" to increase immunity or carcinogenicity in body" in the **Science Observer Magazine, Vol. 1, Issue 1 July 2013. ISSN-2321-8746**
- 3) **Ambrina Sardar Khan**. "Impact of Indoor Pollution", published in the CURE'S ENVIRONMENTAL BULLETIN Vol. XIV (2008).

CONVENERS/ PROG COORDINATOR FOR CONFERENCES, SEMINARS, FACULTY DEVELOPMENT PROGRAM & OTHERS

1. Five days Faculty Development Program "Mission Life - A Roadmap to Sustainability with Practice and Partnership in Action" (Under GURU-DAKSHTA Faculty Induction Programme) (Environmental Consciousness and Sustainable Development Goals), 5TH to 09TH June 2023
2. Five-day Activity Based Value Added programme on "Sustainable Management for Water Security and Sanitation Practices.", WORLD WATER DAY 2023, from 16th - 22nd March 2023.
3. Five Days Training Programme on "Management Strategies For Environmental Health And Safety: A Step Towards Achieving SDGs" Amity Institute Of Environmental Sciences with Indian Institute Of Toxicology Research from 16th to 20th January 2023
4. Five days Faculty Development Program "Advances in Teaching and Research in the Field of Disaster Resilience and Green Technology for Sustainable Development Goals" (Under GURU-DAKSHTA Faculty Induction Programme) (Environmental Consciousness and Sustainable Development Goals), 6TH to 10TH June 2022
5. Five-days activity-based seminar cum Training programme on Groundwater Crisis, Water Security and Fostering Resilience towards Climate Change WORLD WATER DAY WEEK -2022, From 15TH March-22nd March 2022 with Namami Gange, New Delhi
6. 4th International Conference on Entrepreneurship, Innovation and Leadership (ICEIL 2022), Track 3 - Science & Tech, Natural Resources & Environmental Sciences, and Agricultural Sciences and Law: Recent Advances and Innovations in Environmental Science and Technology, 21st Jan 2022, Amity University Noida
7. Three days' Workshop cum training Programme "Climate Modelling and Remote Sensing Applications for Environmental Systems" with India Meteorological society on 6th-8th January 2022
8. Conference Cum Training on "Climate Induced Hydrological Disasters, Policies and Management" 7th-9th October 2021

9. VAN MAHOTSAV organizes by Natural Resources And Environmental Science Domain Amity University Uttar Pradesh, 1 st July 2021 to 5th July 2021, Amity University Noida
10. Amity Academic Staff College Organizes Five Days On-Line Faculty Development Programme On “Advances in Teaching and Research in the Field of Green Technology and UN Sustainable Development Goals”, (Under GURU-DAKSHTA Faculty Induction Programme (Module 9: Environmental Consciousness and Sustainable Development Goals), From-1ST -5TH June 2021
11. 4th International Conference on Entrepreneurship, Innovation and Leadership (ICEIL 2021) Track No: 7.3, Panel Discussion Session Topic: Strategies to promote Entrepreneurship in Higher Education Curriculum, Day & Date: Thursday, 20th January 2022
12. INTERNATIONAL DAY OF CLEAN AIR FOR BLUE SKIES 2021 ON THEME ‘HEALTHY AIR, HEALTHY PLANET’ TUESDAY 19 AUGUST 2021 -7th, SEPTEMBER 2021
13. Amity Academic Staff College In Association With Natural Resources& Environmental Sciences Domain Organizes Online Five-Day Faculty Development Program: FDP on “Recent Advancement in Environmental Sustainability and Conservation Strategies” 17-21 May 2021
14. Webinar on “Scientific and Technological Research for Pollution Prevention & Control” 03rd December 2021
15. Two Days Virtual Conference on International Conference on Student Engagement, Wellbeing, Holistic Development & the ‘New Normal’ 21-22 January 2021
16. Five Days Activity Based Seminar Cum Training Programme- On Groundwater Crisis, Water Security and Fostering Resilience towards Climate Change, WORLD WATER DAY WEEK CELEBRATION- 2022, 15th March-22nd March, 2022|| Hybrid Platform
17. Program Coordinator for World Environment Day, June 05, 2015, 2-3rd June 2016 & 2017
18. Program Coordinator for Ozone Day Celebration, September 16, 2015, 2016 & 2017
19. Program Coordinator for Independence Week Celebration, August 15, 2015
20. Program Coordinator for Faculty Development Programme on “Environmental Studies: Significance & Teaching In Relation To Various Under-Graduate Disciplines”, August 11, 2015
21. Program Coordinator for World Water day, March 22, 2015, 2016 & 2017
22. Program Coordinator Guest lecture on "Solid Waste Management in India, the emerging risks and its mitigation", 20th February 2014
23. Program Coordinator for the FDP “Tools and Techniques for Environmental Monitoring and Management” conducted on May 20th, 2013.
24. Program Coordinator for World Water day, March 22, 2013, 2015, 2017
25. Program Co-coordinator for Awareness Session on E-waste Rules and Management on 14th March 2013
26. Program Coordinator for the FDP “Global Environmental Issues” conducted on June 8th, 2012.
27. Usage of Intranet in University, June 15, 2011, Amity School of Engineering and Technology, AUUP.
28. Examination, Evaluation, Grading & Promotion: Its importance in Student Development, June 27, 2011, Amity School of Engineering and Technology, AUUP.
29. Workshop on Mentor-mentee System, July 7, 2011, Amity School of Engineering and Technology, AUUP.

ACADEMIC & ADMINISTRATIVE INPUTS

1. Nodal Officer for NAAC Accreditation 2012 and 2017, 2023.
2. Nodal Officer for Western Accreditation of School and colleges (WASC), 2016.
3. Central Superintendent for Examination, and member of University examination committee 2011-2012, 2012-2013, 2013-14, 2014-2015, 2015-2016 & 2016-2017, 2017-2018, 2018-2019, 2020, 2021, 2022, 2023
4. Coordinator of Quality Assurance Enhancement (QAE) & Internal Quality Assurance Cell (IQAC), 2011-12, 2012-13, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2021, 2022.
5. Designing and launching B.Sc. Environmental Science Programme from Academic year 2015-2018
6. Convener and member of the Board of Studies (BOS) for Academic years 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2020, 2021, 2022, 2023
7. Member of Doctoral Research Committee (DRC) 2013-14, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2020, 2021, 2022, 2023
8. Member and coordinator of Choice Based Credit System (CBCS), Uniform Course Coding 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2020, 2021, 2022, 2023.
9. Designed and re-structured the course for M.Sc. Environmental Sciences.
10. Designed and re-structured the course for M.Sc. Environmental Health Sciences and safety.
11. Designed syllabus for Environmental Management Distance Learning Programme.
12. Designed and launched the PhD Programme in 2013.
13. Designed syllabus for Hazardous Waste Management Diploma Course.
14. Curriculum structuring and re-structuring for PG programme, 2011-till date.

SOCIAL INPUTS

- a) Established a club with the name of ENVISION in AMITY with the objective to create environmental awareness by organizing activities like
 - o Organize Guest Lectures and seminars on current global and environmental issues.
 - o Poster designing contest related to Environmental issues.
 - o Poem writing contest on green and eco-friendly environment.
 - o Rangoli competition on environmental problems and various issues.
 - o Essays on Environment related topics.
 - o Slogans on earth, environment, and nature.
 - o Best out of waste: Reuse and proper management of waste materials.
 - o Field visits to various places of environmental importance.
 - o Exposure of students to NGO's working for saving the Environment.

- b) Working for a Visually Handicap Kids in an NGO named "SAKSHAM DAKSH".
- c) Coordinator for Amity Youth Festival 2013-14 & 2014-15
- d) Active member of a Human Value Quarters.

EXTRA CURRICULAR ACTIVITIES:

- 1.Special recognition from Woman's Advisory Board WAB, for being an active member and participant of WAB, March 8th, 2010.
- 2.Worked for a National Television Channel, Delhi Door darshan Urdu as a show anchor and Assistant Director for the program "Hum Qadam Hum Nasheen", scheduled and telecast in 2010.
- 3.Worked for Sun Sai Productions, New Delhi, on various projects as anchor, researcher, script writer and Assistant Director.
- 4.Worked as the News Anchor, reporter and freelance journalist for a local News Channel, Global News Network, 2000-2005.
- 5.Directed an Environmental Play, "Man and Environment", scripted and written by myself, August 2005, University of Allahabad.
- 6.Directed an Environmental Play, "Ozone Hole", scripted and written by myself, June 2004, University of Allahabad.
- 7.Stood first in Anchoring competition in "Eminence" 2002, University of Allahabad.
- 8.Stood first in Play Directing competition in "Eminence" 2002, University of Allahabad.
- 9.Awarded with School Captain Trophy for the session 1999-2000.
10. Stood First in Rangoli Competition "Splashes of Light" 1999.
11. Awarded a certificate in poem writing competition- 1999.
12. Stood second in Creative Handwriting contest -1996.

LANGUAGES KNOWN:

- ❖ English, Hindi, Arabic & Urdu

PERSONAL DETAILS:

Name : Dr. Ambrina Sardar Khan
Father's Name : Mr. Sardar Ahmad Khan
Mother's Name : Prof. Naushaba Sardar
Occupation : Retd. Professor & Ex-Head of Department in Urdu, Department at University of Allahabad. Allahabad.
Date of Birth : 16/01/1982
Marital Status : Married
Nationality : Indian
Gender : Female
Permanent Address: C-263 Kareli Scheme,

G.T.B. Nagar, Allahabad. 211016