

Curricular Vitae

Dr. AMINA JAFRI

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Phone No. : 6394983366

- Ph.D. awarded on “ **Characterization and impact of Biomedical waste and possible management techniques in Lucknow city**” under supervision of Dr. M.J.A.Siddiqui, Integral University, Lucknow.
- B.Ed. (Science)
- M.Sc.(Environmental Sci)
- B.Sc. (Zoology, Botany, Chemistry)
- Advance Diploma in Computer Application (ADCA)
- Post Graduate Diploma in Disaster Management (PGDDM)

Areas of Research:

- Solid Waste Management
- Environmental Pollution and Management
- Conservation of Biodiversity,
- Ecology
- Biodiversity and Conservation
- Bioremediation
- Sustainable Development
- Disaster Management

Working Experience :

Total Experience: More than 15 Years

Teaching Experience:

- More than 15 Years of working experience in Integral University as an Assistant Professor from 24th July, 2009 up till now.
- Six months experience as a lecturer in Azad Institute of Engineering and Technology, Lucknow in the Department of Applied Science and Humanities.

Research Experience:

- One year and six months working experience in Eco-Auditing Division of National Botanical Research Institute(NBRI). During this period, I have work as a Project Assistant Level II under the project entitled “**Production and Demonstration of high quality planting material of Jatropha curas**” sponsored by DBT , U.P. from 7th July, 2008 to 7th July, 2009.
- One year working experience in Biomass Biology Division of National Botanical Research Institute(NBRI). During this period, I have work as a Project Assistant Level I under the project entitled “**Bioremediation of polluted water bodies from Lucknow**”, sponsored by DoEn, from 22nd November, 2004 to 22nd November, 2005.

Thesis Supervised:

- Presently Supervising **03** research scholars in the Department of environmental Science.
- At P.G. Level: **06**
- At U.G.Level :**03**

Extra Curricular Activities:

- Work as a Program coordinator and organizing member of Professional Development Program (PDP) organized by Department of Environmental Science from 16/11/2021 to 30/11/2021 at Integral University, Lucknow.
- Delivered Lecture/presentation on “**Ill Effects of Firework**” in neighbouring areas of Integral University along with NSS Camp in 2016.
- I used to set the question papers of different programs like Environmental Studies, Disaster Management, Ph.D. entrance exam and Course work.
- Work as a organizing member for the events Debate, JAM and Poster presentation on World Literacy Day held on September 9th, 2013 in the Deptt. Of English at Integral University, Lucknow.
- Work as a paper setter , moderator and evaluator of U.G. and P.G. courses of our department and set Ph.D. entrance exam paper of our university.
- I have supervised six M.Sc. Environmental science dissertation thesis.
- Organized guest lecture in our department on the topic “ A safe operating space for humanity” by Dr. P.C. Abhilash, Assistant professor, B.H.U. varanasi.
- Work as a organizing member for the events Debate and Poster presentation on International Year of Water Cooperation-2013 held on September 9th, 2013 in the Department of Environmental Science at Integral University, Lucknow.

Dissertation/Training :

- One day training programme on Biodiversity & its Conservation on 30th July 2014 organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow sponsored by Uttar Pradesh State Biodiversity Board, Lucknow.
- One day training programme on Biodiversity & its Conservation on 07th December 2014 organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow sponsored by Uttar Pradesh State Biodiversity Board, Lucknow.

Member of advisory Editorial Board of Peer reviewed Journal:

- Member of Board of Executive Editor of the Academic Institute Research and Journal, AIARJ, a scholarly Multidisciplinary, Peer Reviewed & Rei Society (2022).
- Executive Editor of the Academic Institute of Advanced Research and Journal, AIARJ (2021).
- Membership of Asia society of Researchers.(ASR member No.: R21909359).
- Member of advisory Editorial board of an International level journal of Asian Resonance,
- Member of advisory Editorial board of an International level journal of Asian Resonance, ISSN.No.0976-8602.
- Member of advisory Editorial board of an International level journal of Periodic Research, ISSN.No. 2231-0045.
- Reviewer of Pravera journal of science and technology.

Awards and Recognition:

- Awarded Honorary Fellowship (F.S.L.Sc.) from the society of life Science on 18/12/2022.
- Received Best Young faculty Award in the field of Environmental science on the occasion of Bharath Shiksha Ratna Award 2020-2021.
- Received Young Scientist Inspire award 2020-2021 from ACE International Pte Ltd, Singapore.

Full Length Publications:

- One International publication on **“Utilization of Renewable Energy Resource : Towards Sustainable Development”** in International journal Innovation: The Research Concept Vol.VIII, ISSUE-V, June 2023.
- One International publication on **“Study of Environment Health leading to Better Business Production ”** in International Journal Anthology : The Research, Vol 6(9), Pg 19-24,December 2021.
- One International publication on **“Role of Environment in Development of Cancer”**JIPBS

Vol 3(2), Pg 45-53, January 2017.

- One International publication on “**Current status of Biomedical waste Management in hospitals of Lucknow city**” in International journal Asian Resonance Vol.III, ISSUE-I*Page 1-5, January- 2014.
- One International publication on “**A review on impact and management of biomedical waste**” in International journal Periodic research Vol.II* ISSUE-I*Page 110-114, August-2014.
- One International publication on “**Influence of rhizosheric microbial inoculation and tolerant plant species on the rhizoremediation of Lindane**” in International journal Environmental and Experimental Botany, Elsevier 74(2011) 127-130. {Impact factor- 3.5}.
- Paper presented and published on “**Effects on human health by the use of pesticides in Agriculture field and colour additives in food**” in international level conference in journal of Functional biology and biotechnology,pg-91-94 on march 2014.
- Paper presented and published on “**Reprehensible Management of Biomedical Waste in Lucknow District**” in international level conference in journal of Nutrition and Health ,pg-66-72 on march 2014.

Patent Published:

I have published one **patent** on “**Plant Protection Device**” on 11/10/2023 under design no. 390301-001

Book Published: 01

S.No	Title	Author's Name	Publisher	Year of Publication	ISBN No.
1	Strategies For Biochemical Waste Management	Amina Jafri , MJA Siddiqui & Snober D Mir	AArgon Press New Delhi	2021	978-93-94070-27-1

Chapter Published:

S.No	Title	Author's Name	Publisher	Year of Publication	ISBN No.
1	Natural Environment and Emotions	Amina Jafri , Rahila Rahman Khan & Shweta Yadav	The Lawgical Junction and MJS Publishing House	2024	978-81-970528-2-8

2	Reparation of Ecosystem in view of Sustainable Development Goals	Amina Jafri , Rahila Rahman Khan & Monowar Alam Khalid	Academic Publishers and Distributers	2024	978-81-969585-2-7
3	Assessing the Influence of Air Quality on Photovoltaic Performance	Rahila Rahman Khan, Amina Jafri , & Rushda Sharf	Academic Publishers and Distributers	2024	978-81-969585-2-7
4.	Application of Innovative Pedagogies in Teaching of Environmental Education	Amina Jafri , Rahila Rahman Khan & Shweta Yadav	World Lab Publication	2023	978-93-90734-61-0
5	Impact of Innovative Methods of teaching in Environmental Education	Rahila Rahman Khan, Shweta Yadav, Amina Jafri & Shahla Rahman Khan	World Lab Publication	2023	978-93-90734-61-0
6	Role of Pedagogy in Advance Learning of Teaching Methods	Shweta Yadav, Amina Jafri & Rahila Rahman Khan	World Lab Publication	2023	978-93-90734-61-0
7	Studies on Management Techniques of Biomedical Waste	Dr. Amina Jafri Riyazuddeen Khan and Rahila Rahman Khan	Abhiram Prakashan	2021	978-93-94070-8
8	Air Pollution: A Biggest Environmental Risk and Curse to Human Health	Dr. Rahila Rahman Khan, Dr. Amina Jafri and Dr. Riyazuddeen Khan	Abhiram Prakashan	2021	978-81-9-49-061
9	Protecting Renewable Natural Resources-A step towards sustainable	Rahila Rahman Khan, Shahla Rahman Khan and Amina Jafri	Adhyayan Publishers and Distributers,	2017	978-81-8435-485-0

	Development		New Delhi, India		
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Oral presentations in Conferences/Seminars:

- Paper presented and published on **Reprehensible Management of Biomedical Waste in Lucknow District** in International level conference in journal of Nutrition and Health ,pg-66-72 on march 2014.
- Paper presented on **Environmental and health problems associated with improper management of hospital waste** in National conference held on 2-3rd November 2014 organized by Deptt. Of Zoology, Azamgarh.
- Presented a paper in National Seminar held in Lucknow university on **Conservation of Biodiversity in Prince Wales Zoological Garden** in 22nd AICZ and NSBHW held at Deptt. Of Zoology, University of Lucknow, Lucknow from Dec 29-31, 2011.
- Paper presented on “**Assessment of Ambient Air Quality Status of Lucknow city**”in the conference on Combating Air Pollution- A Step towards Cleaner Tomorrow held at IT College, Lucknow on 16 January 2016.
- Paper presented on “**Respiratory Health Effects of Air Pollution on Healthy Males**” in the conference on Combating Air Pollution- A Step towards Cleaner Tomorrow held at IT College, Lucknow on 16 January 2016.

Abstract:

- Published an abstract on Globalization: A threat of Environment and Health .
- Published an abstract on The Praxis of injustice: A Glocal Investigation of Indian Culture .
- Published an abstract on Effects of toxicity of heavy metals on living organisms .
- Published an abstract on Conservation of Biodiversity in Prince Wales Zoological Garden .

Participation in Seminar/conferences/workshop/symposia/STC/FDP/ PDP/FIP:

FIP:

- Participated in the Online Faculty Induction Programme organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh from 08 February to 12 March 2022.

PDP:

- Participated in a two week Professional Development Program (PDP) on “Recent Trends I Green Technology for Sustainable Life” conducted from 2th -16th November 2021 organised by Department of Electrical Engineering, Integral University, Lucknow.

STC:

- Online a five months short term course on **Resource Management in Rainfed Drylands** organized by Indian Institute of Technology Kanpur from 6 May 2019.
- Online an eight months short term course on **Fundamentals of Agriculture Extension** organized by Indian Institute of Technology Kanpur from 28 May 2019 2019.
- Online an eight months short term course on **Fundamentals of Agriculture Extension** organized by Indian Institute of Technology Kanpur from 23 April 2018.
- Short term course on **Computer Application** organized by Integral University from 23/02/2016 to 29/02/2016.
- STC on **Effective Curriculum Implementation through ICT** organized by Integral University from 24/08/2015 to 28/08/2015.
- STC on **Aquifer management through Participatory Approach** organized by Integral University from 27/03/2015 to 28/03/2015.
- Eight months short term course on **Weather forecast in agriculture and Agro advisory** from 11/01/2016 to 14/01/2016 .
- Eight months short term course on **Nutrition therapeutic and health** from 11/01/2016 to 14/01/2016 .
- Eight months short term course on **Integrated Pest Management** from 11/01/2016 to 14/01/2016 .
- Eight months short term course on **GIS in Ag- Essentials and Applications** from 11/01/2016 to 14/01/2016 .
- Six months short term course on **fasal Utpadan Kemoorbhut sidhant** from 11/01/2016 to 14/01/2016 .

Conferences:

International:

- Attended three days an International Conference on Faunal Diversity and their conservational strategies on 22-23rd March 2014 organized by Zoology Deptt., Lucknow University, Lucknow.
- Attended three days an International Conference held in AMU on the theme Emerging Technologies of Environmental Sciences in civil Engineering on October 26-28, 2009, organized by civil Engineering Deptt., Aligarh.

National:

- Participated in National conference on Impact of Environmental Xenobiotics on human Health and Biodiversity organized by Deptt. of Zoology Shibli National P.G. College, Azamgarh on 2-3rd November 2014.
- Participated in National level conference on Biotechnology Present and Future

- prospective organized Nano Science & by Deptt. of Nanobiotechnology, Life Science foundation India, Karnataka in collaboration with department of Bioengineering ,Faculty of Engineering , Integral University, Lucknow on 14- 15th March 2015.
- Participated in National level conference on Biotechnology Present and Future
- prospective organized Nano Science & by Deptt. of Nanobiotechnology, Life Science foundation India, Karnataka in collaboration with department of Bioengineering ,Faculty of Engineering , Integral University, Lucknow on 20th April 2013.
- Participated in a UGC sponsored national conference on Bioremediation –A promising technology for clean India from 24-25 march, 2012 in I.T college, Lucknow.
- Attended and participated in annual conference and national seminar on Role of Higher Education in society in XVI , on 7-8 April 2012 in Mahamaya Govt. Degree college, Mahona, Lucknow.
- Participated in XXXIV All India Botanical conference on October 10 th- 12 th, 2011 organized by Deptt. of Botany, University of Lucknow.

Workshops:

- Participated in Two days National workshop on “ **Science of Pollution Tolerent and Climate Smart Plants**” Jointly rrganized by CSIR- National Botanical Research Institute & International Society of Environmental Botanists (ISEB), Lucknow from 20-21 October 2022.
- Participated and completed Two weeks blended QIP workshop on “**Spreadsheet Applications-Intermediate Level**” conducted by IQAC and HRDC, Integral University, Lucknow from 25/6/2021 to 15/7/2021.
- Participated in Workshop on “ **Filling Process of Patents**” organized by Department of Mechanical Engineering I.U., Lucknow under the aegies of Intellectual Property Rights (IPRMC), Integral University held on 23rd July 2022.
- Participated and completed the workshop on “HRDC/W/22/01- Plagiarism and Code of Conduct” Organized by Human Resource Development Center (HRDC) from 02/03/2022 to 03/03/2022.
- Successfully completed Two-weeks blended QIP workshop on Spreadsheet Applications - Intermediate level, Conducted by Internal Quality Assurance Cell (IQAC) and Human Resource Development Centre (HRDC), Integral University from 25-06-2021 to 15-07-2021.
- Attended and participated national training workshop on “Research Article writing and plagiarism” organized by zoology and biotechnology department of IQAC, on 18th September 2021 at Govt. Girl’s P.G.. College , Ujjain (M.P.).
- Participated in workshop on Intellectual Property Rights : Issues & Challenges organized by Indira Gandhi National Open University and University of Lucknow, Lucknow on 21st July,

2015.

- Participated in workshop on Data analysis by SPSS organized by Department of Mathematics, Integral university, Lucknow on 25th Feb, 2015.
- Participated in National workshop on Arm Controlled Robotics organized by Microbotics Technologies Pvt. Ltd. in Integral university, Lucknow on 13th Feb, 2015.
- Participated in 1st National level workshop on Intellectual property system: India today and tomorrow organized by Intellectual property right management cell, CCG&D, Integral university, Lucknow in collaboration with Intellectual property owners association (IPOA), New Delhi on 10th January 2014.
- Participated in 1st national level workshop on Drug Designing Computer Aided organized by Deptt. of Bioengineering, faculty of engineering, I.U., Lucknow in collaboration with Deptt. Of life Sciences, EGICORE, Lucknow on 10/11/2013.
- Participated in National level workshop on Fundamentals of Nano Science & Biotechnology on 28th-30th June 2013 organized by Deptt. of Nanobiotechnology, Life Science foundation India, Karnataka in collaboration with department of Bioengineering, Faculty of Engineering , Integral University, Lucknow on 30/01/2013.

Refresher Course:

- Attended Seven days refresher course on national Education Policy (NEP) 2020 held at Integral University from 24th February 2021 to 3rd March 2021.

Faculty Development Programme (FDP):

- Participated in Two- week Equivalent Blended Faculty Development Programme on **“Recent Trends in Communication and Computational Technologies”** Organized by Department of Electronics and Communication Engineering, Integral University, Lucknow, from 12th September to 10th October 2022.
- Attended a two week Faculty Development Program on “Communication Skills: Theory & Practices” Organized Department of Languages, Integral University from 14 June 2021 to 25th June 2021.
- Attended and participated in National Education Policy (NEP 2020) organized by HRDC, Integral University from 24th Feb to 3rd March 2020.
- FDP on MATLAB organized by Integral University from 01/02/2016 to 07/02/2016.
- Participated in FDP on Perspective of Modern teaching techniques & Use of Case studies through experimental learning organized by Department of Business Management , Integral University, Lucknow on 22nd Aug, 2015.
- Participated in FDP on Case study and storytelling organized by Department of Business Management , Integral University, Lucknow on 18 oct 2011.

Seminars:

- Participated in national seminar on India-2020: A Vision for the New Millenium, Growth and Challenges organized by Lucknow Public College of Professional Studies, Lucknow Campus, Lucknow on 15th October, 2015.
- Participated in national seminar on chemical techniques in chemistry Newer Trends in Physico- under DST-PURSE organized by department of chemistry, University of Lucknow, Lucknow on 7th August 2013.
- Attended and participated in a national seminar on Role of Science and Technology in development state (27th February 2012) organized by council of Science and Technology U.P. (Department of Science & Technology, Govt. of U.P.).
- Attended a seminar on Aging and Health on the occasion of World Health Day 2012 organized by Integral University in collaboration with WHO-India on 7th April 2012.
- Attended National Seminar and 22nd All India Congress of Zoology held in Lucknow university on Dec 29-31, 2011 on the theme Recent Advances in Biological Sciences and Human Welfare (NSBHW) organized by Deptt. Of Zoology, University of Lucknow.
- Attended/participated in 94th Congress held at Indian Science Congress in Annamalai University, Annamalainagar, Chidambaram, from January 03 to 07, 2007.
- Attended/Participated in contributing to the Youth-centric discussions in the one day camp held at Lucknow University campus on February 26th, 2011.

Other administrative responsibilities:

- Member of faculty board of faculty of science, Integral University.
- Member of board of studies of department of environmental Science.
- Ph.D. and P.G. program coordinator of department of environmental Science.
- Coordinator of Alumni interaction of department of environmental Science.
- Coordinator of Departmental Library committee and departmental admission cell.
- Member of departmental placement cell, website, research and development committee ,departmental sports committee and DQAC cell.