

NAME	Dr. Kirti Rani Sharma (official) *Dr Kirti Rani (Research and academic)	
DESIGNATION	Associate Professor	
EMAIL ID	Krsharma@amity.edu ; kirtisharma2k@rediffmail.com	
CONTACT NUMBER	09990329492	

RESEARCH INTERESTS *Enzyme Technology, Clinical Biochemistry, Nanobiotechnology, Biosensor Technology*

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
Pt. J.L.N. Govt. College, Maharshi Dayanand University, Rohtak	B.Sc.	1995-1998
Deptt. of Biochemistry, Maharshi Dayanand University, Rohtak	M.Sc. (Biochemistry) Gold Medalist	1998-2000
Deptt. of Biochemistry, Maharshi Dayanand University, Rohtak and Deptt. of Surgery, Pt. Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences (PGIMS), Rohtak.	Ph.D. (Biosciences) Biochemistry	2000-2004

Details of Ph.D. degree:

*Awarded in 2004

*7 Publications out of Ph.D. work

*Title of Ph.D. thesis and respective Institutions/Universities: "Determination of Bile acid in serum and bile with 3- α hydroxysteroid dehydrogenase and diaphorase immobilized onto alkylamine glass beads", under the guidance of Emeritus Professor (Dr.) C. S. Pundir, **Deptt. of Biochemistry, Maharshi Dayanand University, Rohtak** and Professor (Dr.) Pradeep Grag, **Deptt. of Surgery, Pt. Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences (PGIMS), Rohtak** and in the collaborative research training followed under the guidance of Dr Ashok Kumar (Scientist E) from Biosensor Lab, **CSIR-Institute of Genomics and Integrative Biology (IGIB), New Delhi (2000-2004)**.

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Senior Resident/ demonstrator/ lecturer	Teaching/research/ Administration	Deptt. of Biochemistry, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh	2004 -2007
Lecturer	Teaching	PIPRAMS, Greater Noida	2007-2008
Associate Professor	Teaching/ research/ Administration	AIB, Amity University Uttar Pradesh, Noida	2008- till now

No. of Ph.D. students supervised	Awarded: -1 Ongoing: 1 *In the collaboration of NBPGR, IARI, New Delhi. (July 2015 onwards)
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No. of M.Tech./M.Sc Students supervised:	20
No. of B.Tech./B.Sc. Students supervised:	100
PUBLICATIONS *Impact factor: 45 *30 Scopus indexed & web of science indexed * Google Scholar 1146 citations *h-index: 19 *I 10-index: 35	204
PATENTS (total no.):	15 filed Indian Patents 5 granted Indian Patents
RESEARCH PROJECTS:	<ul style="list-style-type: none"> • <i>Under ongoing working preparation and conceptualization of project proposals applying for funding agencies (ICMR, DST, DBT)</i>
AWARDS & HONOURS/DISTINCTIONS	<ol style="list-style-type: none"> 1. Akansha Bajpai, S R Pandravada, Mamta Singh, Sushil Pandey, Manjusha Verma, Kirti Rani Sharma and Lalit Arya awarded Third for his/her 'Poster Presentation (Online)' entitled "Identification of browntop millet (<i>Brachiaria ramosa L. Stapf.</i>) germplasm for its usage in agriculture diversification" by ICAR- NBPGR, New Delhi in technical session XII of 2nd International Conference on "Prospects and challenges of environment and biological sciences in food production system for livelihood security of farmers (ICFPLS-2023)" during September 18-20, 2023 at ICARCIARI, Port Blair, Andaman & Nicobar Islands, India. 2. Honored with Best Reviewer Award for the "IP International Journal of Comprehensive and Advanced Pharmacology" in organized Summit entitled, "5th Editors Summit 2023" by Innovative Education and Scientific Research Foundation (IESRF) held at NDMC Convention Center, New Delhi dated 18th -19th March 2023. 3. Honored with "Outstanding Scientist Award 2022" for academic and research excellence from 'INSO AWARDS' International Research Awards in Science, Technology and Management Chennai, India dated on 31st August 2022. 4. Awarded Certificate of Appreciation for Active "Primary Evaluator" for exceptional contribution as a Primary Evaluator in "Toycathon, 2021, organized by Ministry of Education and Innovation Cell, Govt. of India, dated on 23rd December 2021. 5. Awarded Certificate of Participation for online participation in," Constitution Quiz" From Ministry of Social Justice and Empowerment & MyGov, India , December 2020. 6. Earned certificate of achievement for certified course, "Best Practices for Biomedical Research Data Management" certified course earned and awarded from Harvard Medical School,

Boston, Massachusetts and National Institute of Health, USA (2020).

7. **Earned certificate of achievement for certified course, “COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to Support Country Preparedness and Response” certified course earned and award from World Health Organization, Geneva, USA (2020).**
8. **Awarded certificate for successful completion of studied course, “Mechanical Ventilation for COVID-19” certified medical course earned and award from Harvard Medical School, Boston, Massachusetts, USA (2020).**
9. **Earned Certificate of achievement for online course entitled, “The Science of Medicine” From Monash University, Melbourne, Australia, in 2020.**
10. **Earned Certificate of achievement for online course entitled, “The Science of Medicine” From Monash University, Melbourne, Australia, in 2020.**
11. **Earned Certificate of achievement for online course entitled, “Bacterial Genomes Antimicrobial Resistance in Bacterial Pathogens” From Wellcome Genome Campus, England and University of Cambridge, United Kingdom, in 2020.**
12. **Earned Certificate of achievement for online course entitled, “Drafting and Negotiating Commercial Contracts: A Guide to Contract Law for Non-Lawyers” From College of Law, Australia, in 2020.**
13. **Earned Certificate for online course entitled, “Statistics in Education for Mere Mortals” From University of Georgia, Georgia, in 2020.**
14. **Earned Certificate of achievement for online course entitled, “COVID-19: Tackling the Novel Coronavirus” from London School of Hygiene & Tropical Medicine and UK Public Health Rapid Support Team, United Kingdom, dated on 9th July 2020.**
15. **Earned Certificate of achievement for online course entitled, “Introduction to Psychology: The Psychology of Personality” from Monash University, Melbourne, Australia, in 2020.**
16. **Earned Certificate of achievement for online course entitled, “Orientation to Educational Neuroscience” from Central Queensland University, Australia, dated on 8th July 2020.**
17. **Awarded Certificate of Participation for online participation in, “India International Science Festival (IISF) 2020 Quiz contest” From IISF & MyGov, CSIR-NISTADS, India, 23rd December 2020.**
18. **Honored with “International Scientist Awards 2020 on Engineering, Science and Medicine” from VDGGOOD Technology Factory at Coimbatore dated on 4th-5th July 2020.**
19. **Awarded Badge from “Harvard Medical School, Boston, Massachusetts” for securing excellence in “Data Management Overview & Scientific Research Team” in earned and awarded course “Best Practices for Biomedical Research Data Management “Harvard Medical School, Boston, Massachusetts (June 2020).**

20. Attended webinar as host and also being group organizer entitled, **“Forest Woody Biomass Operations and Biomass Productions”** organized by **USDA Forest service, USA**, dated on 24th June 2020.
21. Invited and sponsored for attended the ICMR sponsored **“ICMR-PGIMER Research Methodology Workshop 2018”** held at Post-Graduate Institute of Medical Education and Research, Chandigarh dated on 18th November-20th November 2018 **for shortlisted accepted project proposal for entitled, “Formulation Of Ascorbic Acid Bound Bovine Serum Albumin Nanohybrid Suspensions For Controlled Antioxidant Release” by ICMR dated on 18th Feb 2018.**
22. Honored with **“Dr. A. P. J. Abdul Kalam Life Time Achievement National Award”** by IRDP Group of Journals at Chennai, dated on 28th October 2018 for 18 years of continuous efforts and self-motivated aptitude for achieving excellence in **Teaching and Research.**
23. Awarded for Certificate of Appreciation to be part of “Technical & Scientific Committee” for organizing **“Quality Management of Tissue Culture Raised Plants for African Candidates”** organized by **Honorable Nobel Laureate Sir Richard John Roberts FRS** (*Awarded 1993 Nobel Prize in Physiology or Medicine with Phillip Allen Sharp for the discovery of introns in eukaryotic DNA and the mechanism of gene-splicing*) Directed **“Sir Richard Roberts Center for Genetically Modified Organism”**, Amity University Uttar Pradesh, Noida in-association with Biotech Consortium India Limited [BCIL), New Delhi and Sponsored by Ministry of External Affairs, Govt. of India, dated on 1st to 5th October 2018.
24. Attended UGC and Indian Institute of Science Bangaluru sponsored Refresher Course on, **“Advances in Molecular Biology”** held at Department of Microbiology and Cell Biology, Indian Institute of Science (IISc) Bangaluru, dated on 8th December-22nd December 2017.
25. Honored with **Teaching and Research Excellence Award-17** by IRDP Group of Journals at Chennai, dated on 14th October 2017 for outstanding excellence and remarkable achievements in the field of Teaching, Research and Publications.
26. Awarded for Certificate of Appreciation to be part of “Technical & Scientific Committee” for organizing **“Training on Entrepreneurship Development in Plant Tissue Culture for African Candidates”** organized by **Honorable Nobel Laureate Sir Richard John Roberts FRS** (*Awarded 1993 Nobel Prize in Physiology or Medicine with Phillip Allen Sharp for the discovery of introns in eukaryotic DNA and the mechanism of gene-splicing*) Directed **“Sir Richard Roberts Center for Genetically Modified Organism”**, Amity University Uttar Pradesh, Noida in-association with Biotech Consortium India Limited [BCIL), New Delhi and Sponsored by Ministry of External Affairs, Govt. of India, dated on 1st March to 31st March 2018.
27. Honored for technical session chairing as Co-chairperson in **“International Conference on Nanotechnology: Idea, Innovations and Initiatives, (ICN:3I 2017)** organized by Deptt.of Mechanical and Industrial engineering and Center of Nanotechnology, IIT Roorkee held at Indian Institute of Roorkee (IIT) dated, on 6th

December-8th December 2017.held at Indian Institute of Roorkee (IIT) dated, on 6th December-8th December 2017

28. Awarded for Certificate of Appreciation for being distinguished part of “Technical and Scientific Committee” for organizing International Hands-on Technical Training program “**Training on Virus Indexing and Genetic Fidelity Testing of Tissue Culture Plants for African Candidates**” organized by **Honorable Nobel Laureate Sir Richard John Roberts FRS** (*Awarded 1993 Nobel Prize in Physiology or Medicine with Phillip Allen Sharp for the discovery of introns in eukaryotic DNA and the mechanism of gene-splicing*) Directed “**Sir Richard Roberts Center for Genetically Modified Organism**”, Amity University Uttar Pradesh, Noida in-association with Biotech Consortium India Limited [BCIL), New Delhi and Sponsored by Ministry of External Affairs, Govt. of India, dated on 30th October to 4th November 2017.
29. Awarded for **Teaching and Research Excellence Award-17** by IRDP Group of Journals at Chennai, dated on 14th October 2017 for outstanding excellence and remarkable achievements in the field of Teaching, Research and Publications.
30. Presented and Selected for accepted research poster presentation in Women Scientists & Entrepreneurs Conclave-17: “Theme- Game Changers Driving Science for New India” organized by India International Science Festival 2017 held at Anna University, NIOT, CSIR-CLRI, CSIR-SERC, IIT Madras, dated on 13th to 16th October 2017.
31. Awarded for Best Oral Presentation in **5th International Achievement Award-17- organized by EET CRS Research & Branding organization** at Fern Hotel, Goregaon, Mumbai, dated on 10th September 2017.
32. Awarded for **International Achievement Award-17-Certificate of Excellence in 5th International Achievement Award-17 organized by EET CRS Research & Branding organization** at Fern Hotel, Goregaon, Mumbai, dated on 10th September 2017 for research excellence in professional education and industry at various reputed international educational platforms.
33. Awarded for **Indian Research Media & Awards-Certificate in Excellence in Teaching** in 1st National Achievers Conclave & Awards held at Pride Plaza Hotel, Aerocity, New Delhi, dated on 26th March 2017 for outstanding and innovative contribution in research oriented teaching learning skills.
34. Announced best oral presentation of the session in, “2nd World Conference on Applied Science Engineering and Technology (WCASET-16)” organized by IFERP held on 29th -30th December 2016 at Goa, India.
35. Awarded Certificate of Appreciation to be a part in organizing, **International Seminar on “ Biosafety and Regulatory Affairs on GMOs and GE Plants**” organized by Amity University Uttar Pradesh Noida in-association with Biotech Consortium India limited, New Delh dated on 9th September 2016.
36. Awarded for Best Paper from International organization of scientific Research (2012)
37. Awarded **Author of Month and listed in top authors** in Biotech Articles ([http:// www.biotecharticles.com](http://www.biotecharticles.com)) 2012

	<p>38. Awarded for Certificate of Completion form PRiSM Foundations organized by Green Project Management,” Evolving the Discipline of Project Management (23rd January 2014)</p> <p>39. Awarded for Young scientist foreign scientific award from Indian Council of Medical Research (ICMR), New Delhi for international recognition to attend the international conference, 2nd World Congress on Biotechnology”, Philadelphia, USA, organized by OMICS International held dated on 29th Nov-1st Dec 2011</p> <p>40. Indian Distinguished Foreign visiting scientist (Greece in 2016, Dubai in 2014, Singapore in 2013, USA in 2011 scientific visit)</p> <p>41. Announced best oral presentation of the session at international conference, 2nd World Congress on Biotechnology”, Philadelphia, USA, organized by OMICS International held dated on 29th Nov-1st Dec 2011 held at USA (2011)</p> <p>42. Awarded Gold medal in 2000 in M.Sc. at university level, University Research Scholarship for Ph.D (2000-2004), Haryana State merit Scholarship (1998) for higher studies, Roll of Honor and College Color in 1996-1998 in B.Sc. for achieving university top ten rank as scholar student at Haryana state level, Best Scientific explainer awarded at university level (1997)</p>
<p>MEMBERSHIP with Professional/ Academic bodies</p>	<ol style="list-style-type: none"> 1. Life member of Innovative Education and Scientific Research Foundation (IESRF), New Delhi 2. Life member of society of biological chemists India, IISC Bangalore. 3. Associate Editor of Journal of Bacteriology & Mycology: Open Access, MedCarve online Publishing House, Budapest, Hungary, Europe. 4. Associate Editor of Bipublication journal, International Journal of Advanced Biotechnology and Research. 5. Review Editor on the Editorial Board of Medical Diagnostics, specialty section of “Frontiers in Lab on a Chip Technologies”. 6. Scientific Community Member SciProfiles (ID: 2245675) of MDPI, Academic Open Access Publishing, Switzerland. 7. Scientific Community Member (Member no: 32379260) of American Chemical Society (ACS), Chemistry of Life, Washington DC, USA. 8. Scientific Community Member of Royal Society of Chemistry (Membership ID: 651437), RSC United Kingdom. 9. ICMR young scientist travel grant awarded for international conference, 2nd World Congress on Biotechnology, Hotel Marriot, Philadelphia, USA, Nov, 2011. 10. Editorial Board member and Reviewer of Engineering and Scientific International Journal (IRDIP Publication Journals). 11. Reviewer of Innovative Publication Journals of Innovative Education and Scientific Research Foundation (IESRF). 12. Life member/Board member/reviewer of Professional body of IFRP Publications, India 13. LiveDNA member is 91.4650 (https://livedna.net/search.php) 14. Global Community member of TEDxGateway group of organization, India. 15. Education Community Member of edX education community driven by online studies for Harvard University, Cambridge, Massachusetts.