




ZAKIR HUSAIN DELHI COLLEGE
(University of Delhi)

Faculty Details

(Please Fill the form and Email it to website@zh.du.ac.in)

Title	First Name	Last Name	Photograph
Designation	DR. JYOTSNA KUMARI		
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Educational Qualification MSc, PhD			
Degree	Institution	Year	
BSc(H) Zoology	Miranda House College, Delhi University	1999	
MSc Zoology	Delhi University	2001	
PhD (Doctorate)	Regional research Lab, Jorhat (CSIR)	2007 (Awarded)	
Post doctorate	Institute of Microbial Technology (IMTECH) Chandigarh	2007-2008	
Career Profile			
<ol style="list-style-type: none"> 1. Lecturer, Deptt of Zoology, Govt. College of Girls, Punjab University, Chandigarh- 2008-2010 2. Senior Lecturer , Deptt. of Biotechnology, Reva Institute of Science and Management, Bangalore University- 2011-2014 3. Assistant Professor , Deptt of Zoology, Daulat ram College, Delhi University-2015-2016 4. Assistant Professor , Deptt. Of Zoology, Zakir Husain Delhi College, Delhi University – 2016 – Till date 			

Administrative Assignments
<p>Convenor, Inheritance, Zoological Society (2023-24)</p> <p>Member, Inheritance, Zoological Society (2016 till date)</p> <p>Member , Departmental Stock Committee (2016 till date)</p> <p>Member , Aranya Nature and Environment Society , ZHDC.</p> <p>Member, SSR committee for NAAC .</p>
Areas of Interest / Specialization
<p>Cell and Molecular Biology</p> <p>Biochemistry</p>
Subjects Taught
<p>Cell and Molecular Biology</p> <p>Biochemistry</p> <p>Human Physiology and Reproductive Biology</p>
Research Guidance
Publications Profile
<ol style="list-style-type: none"> 1. Jyotsna Kumari, Chetna Rajas.(2023). Optimization of physical parameters for production of amylases and proteases from soil bacteria. Asian Jr. of Microbiol. Biotech. Env. Sc. 232-236; 25(2). 2. Jyotsna Kumari . (2013). Effect of fresh garlic juice on bacterial flora of Mulberry silkworm. AJMBES. 599-602; 15 (3). 3. Arundhati Choudhary, Arijit Guha, Archana Yadav, JyotsnaKumari ,Bala. G.Unni&Monoj.K.Roy. (2004). Induced Immunity in A. assama larvae against “flacherie” causing Pseudomonas aeruginosa AC-3. Experimental Parasitology. 106; 75-84 4. ArchanaYadav, JyotsnaKumari&Bala.G.Unni .(2004). ChebulicMyrobalanfor controlling bacterial disease in Muga silkworm A.assama . A preliminary report. Natural Product Radiance. 3(5): 347-348. 5. Jyotsna. Kumari, A.Yadav, B.G.Unni and M.C.Kalita. (2005). Anti-bacterial proteins from Non- mulberry silkworms against flacherie causing Pseudomonas aeruginosa AC-3. Current Science. 89 (9): 1613-1618.

<p>6. Jyotsna. Kumari, B.G.Unni, R.sarma, S.B.Wann and M.C.kalita (2005). Induction of anti-bacterial activity in the haemolymph of Muga silkworm, A.assama. Ind. J. Microbial. 45(4),274-276.</p> <p>7. A.Yadav, A.Choudhary, Jyotsna. Kumari & B. G. Unni. (2003). Antibacterial activity of some folk medicinal plants against the disease causing bacteria in Muga silkworm, A.assama. Abstract and Proceedings. IX th Convention and National Seminar, Indian society on Agricultural Biochemists. Assam Agricultural University, Jorhat. November 13th, 2003, pp – 230-235.</p> <p>8. J.S.Nandi, sanjay Tikute, Varsha Poddar, Jyotsna.kumari. et.al. (2003). Natural infection by simian retrovirus (SRV-6) in Hanuman langurs (Semnopithecus entellus) from two different geographical regions of India. Virology. 311: 192-201. 2003.</p>
Conference Organization/ Presentations (in the last five years)
<ul style="list-style-type: none"> • Participated and was part of organizing committee for a two days “ National conference on diseases and drugs” organized by zoology department”, zakir husain delhi college, New Delhi. (31st January – 1st February 2018) • Participated and was part of organizing committee for a 5 day National Workshop on “ Application of Biotechnology , Bioinformatics and Biostatistics tools for Science Students” Under DBT STAR College , University of Delhi from December 20-24 , 2021
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<ol style="list-style-type: none"> 1. CSIR JRF-NET 2001 2. ICMR JRF 2001 3. CSIR SRF 2003
Association With Professional Bodies
<p>Life member of</p> <ul style="list-style-type: none"> • Indian Biophysical Society, India. • Indian Science Congress Association, India
Other Activities
<p>1.Completed 4 week orientation Programme by Teaching Learning Centre, Ramanujan College, Delhi University. “Passed with A grade”</p>

2. Completed, 3 week UGC Sponsored Online Refresher Course organized by Jamia Milia Islamia University in Basic Sciences. Passed with A grade.