




Faculty Details proforma for Gargi College

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gargi.college.website@gmail.com)**

Title	Dr.	First Name	Neena Kumar	Last Name	Dhiman	Photograph
Designation		Assistant Professor in Zoology				
Address		Department of Zoology Gargi College (University of Delhi) Siri Fort Road, New Delhi-110 049				
Phone No	Office	+91-11-26494544				
	Residence *	-				
	Mobile *	-				
Email		neena_dhiman@hotmail.com neena.kumar@gargi.du.ac.in				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph.D (Zoology)		Punjab Agricultural University (PAU), Ludhiana, Punjab			2004	
M.Sc. (Zoology)		Punjab Agricultural University (PAU), Ludhiana, Punjab			2001	
B.Sc. (Medical)		Panjab University (PU), Chandigarh			1997	
Career Profile						
10 years of teaching experience and 8 years of Research						
Administrative Assignments						
Teacher in charge (Department of Physical Education and Sports) (April-August, 2018) Convener (Student Welfare Fund) (2017-2018), Member of Student Welfare Fund (2013- till date) Science Stream Coordinator of Internal Assessment Committee (2017-18, 2018-19)						
Areas of Interest / Specialization						
Neuroscience, Human Anatomy & Physiology, Cell Biology, Biochemistry/ Biosystematics and Arthropod Biology						
Subjects Taught						
Physiology, Medical Diagnostics, Cell Biology, Molecular Biology, Food Nutrition and Health, Biodiversity and Anatomy of Chordates and Non Chordates Biodiversity, Biochemistry						

Publications

- **Neena Kumar**, Rashmi Saini, Khushboo Chaudhary, Muskan Bansal, Kanika and Namrata Pandey (2017) Correlation between toxic stress by heavy metal toxicants and periphytic protozoan colonization rates. *International Journal of Advanced Research*. 5 (5): 529-534. (ISSN: 2320-5407)
- **Neena Kumar** and Rashmi Saini (2017). Post-Disaster Epidemics: Possibilities and Prevention. *PARIPEX Indian Journal of Research*. 6 (7): 22-25 (ISSN: 2250-1991)
- **Neena Kumar** (2017). Disaster Aftermath: Risk Assessment and Priority Interventions. In: *Climate Change and Disaster Management*. Proc. Of UGC-CPDHE-HRDC, University of Delhi. Eds. Singh -G. Pp.203-213 (ISBN: 978-81-934519-5-3)
- Rashmi Saini and **Neena Kumar** (2017). Global Climate change and aquatic Ecosystems: Impacts and Challenges. *International Journal of Current Research*. 9 (8): 56336-56342 (ISSN: 0975-833X)
- Sneha Aggarwal, M. Gautam, A. Kulsrestha and **N. Kumar** (2015). To formulate a proportionate dose of earthworm compost for *Dianthus*, *Celosia*, and *Gaillardia*. Conceptual Framework & Innovations in Agroecology & Food Sciences. Krishi Sanskriti Publications Pp. 10-13
- **Dhiman Neena** (2007) Comparative study of vermicast composition of *Eisenia fetida*, *Metaphire posthuma*, *Lampito mauritii* and *Eutyphoeus waltoni*. *J. Curr. Sci.* 10(1):391-396 (ISSN: 0972-6101)
- **Dhiman Neena** and Battish S.K. (2006). Earthworms from North Indian States with *Ocnerodrilus occidentalis* (Eisen, 1878) as a new report from Punjab. *Zoos' Print Journal*. 21 (1): 2135-2137
- **Dhiman, N.** and Battish, S.K. (2005). Food Preference of *Eisenia fetida* (Savigny, 1826) under varying temperature and pH. *J.Curr.Sci.* 7(1): 135-140 (ISSN: 0972-6101)
- **Dhiman Neena** and Battish S.K. (2005). Effect of Vermicast Application on Yield Parameters of *Capsicum annum* L. (cv Punjab Lal). *Indian J. Ecol.* 32(2): 131-134 (ISSN: 0304-5250)
- **Dhiman, N.** and Battish, S.K. (2005). On the cocoon parameters and life-stages of *Eisenia fetida*, Savigny (1826) (Oligochaeta: Lumbricidae) with notes on Monstrous form. *Geobios.* 32(1): 21-24 (ISSN: 0016-6995)
- **Dhiman, N.** and Battish S.K. (2005). Analysis of vermicast of *Eisenia fetida* Savigny (1826) (Annelida: Oligochaeta: Lumbricidae) for checking its potential as a biomanure towards the sustainable management of agro-eco-regimes. *The Ekologia.* 3(1-2): 77-82 (ISSN: 0972-9577)
- **Dhiman Neena** and Battish S.K. (2005). On the variations in location of genital markings in *Amyntas morrissi*, Beddard (1892) and *Metaphire posthuma* Vaillant (1868) (Oligochaeta: Megascolecidae) *Pb. Univ. Res. J (Sci.)* 55, 165-169 (ISSN: 0555-7631)
- Battish S.K. and **Dhiman Neena** (2004). Effect of temperature, pH and nutrients on the counts of *Metaphire posthuma* cultured in different nutrient mixtures. *Agric. Res. Journal* 41(1): 89-95 (ISSN: 0048-6019)

- Battish S.K. and **Dhiman Neena** (2004). Kenchuon Dwara Jevik Kheti: Ek Safal Prayog. Newspaper article.
- **Dhiman Neena** and Battish S.K. (2003).Earthworm: The Chapter Re-opened. *Zoos' print magazine* 19(11): 24-25
- Battish S.K. and **Dhiman Neena** (2002). *Metaphire posthuma* Vaillant (1868) (Oligochaeta: Megascolecidae) from Punjab with notes on its Biology. *Geobios* 29(4): 213-216 (ISSN: 0016-6995)
- Battish S.K. and **Dhiman Neena** (2002). Some earthworm species inhabiting Punjab. *Zoos' Print Journal* 17(3): 744

Conference Organization/ Presentations

- Attended the 2nd Task Force meet under Star College scheme, Department of Biotechnology, Ministry of Science and Technology organized by Gargi College, University of Delhi on May, 8th -9th, 2018.
- Member of organizing committee of the symposium on “Wanderers of Nature: Exploring Wildlife” held at Department of Zoology, Gargi College on March 12th, 2018.
- Participated in NAAC sponsored National Seminar Titled ‘Mentoring the Teacher-Mentors: Capacity Building Programme’ organized by Internal Quality Assurance Cell (IQAC) of Gargi College on January 19th-20th, 2018.
- Attended the Science Academies Lecture Workshop organized by Department of Zoology, Gargi College on January 11th-12th, 2018.
- Participated in “Workshop on Women Health and Cancer Awareness” organized by Department of Zoology, Miranda House, University of Delhi in collaboration with AOGIN India and National Institute of Cancer Prevention & Research (ICMR), Noida on April 7th, 2017.
- Completed Refresher Course in Climate Change and Disaster Management from Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi (June 9th ,2017- June 30th, 2017).
- Completed Orientation Programme entitled ‘Education System in Bharat: Challenges and Possibilities’ from Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi (May 20th, 2016- June 17th, 2016).

- Poster presentation in National Conference on Combating Industrial Pollution for Sustainable Environment-A fusion of Industrial and Scientific Efforts (CIPSE-2016) held at Department of Chemistry, Gargi College on September, 22nd -23rd, 2016.
- Attended Dr. S. S. Guraya Memorial Seminar on Recent Advances in Animal Reproduction at Punjab Agricultural University (PAU), Ludhiana on October 12th, 2016.
- Completed 4 weeks Orientation Programme at Centre for Professional Development in Higher education under UGC-HRDC, University of Delhi (May 20, 2016 to June 17, 2016)
- Attended Summer School at Gargi College Zoology Session, “Separation of proteins from *E. coli* by SDS-PAGE” from May, 26th -31st, 2014.
- Participated in 1st International conference on “Emerging trends of nanotechnology in drug discovery” organized by University of Delhi & Department of Biochemistry, UDSC held at Sri Venkateswara College on May 26th -27th, 2014.
- Participated in Workshop on “Applied Genomics and Proteomics” at Deshbandhu College, University of Delhi from March 12th -14th, 2014.
- Attended Seminar on Ramachandran Manifestation: Peptide to Proteome, University of Delhi & Department of Biochemistry, UDSC held at Sri Venkateswara College on March 14th-15th, 2013.
- Participated in 3rd Training workshop in *Drosophila*, Department of Zoology, University of Delhi on September 20th -21st, 2013.
- Attended two days orientation programme in “Role of e-technology in Academic Research and Teaching-Learning Interactions” held at Gargi College on December 8th-9th, 2011.
- Participated in National Seminar on Teaching Redefined: Open Access to Education Organized by ANDC, University of Delhi on November 1st, 2011.
- Participated in Training Workshop on Inventorying Soil Biota organized at CSK Himachal Krishi Vishwavidyalaya, Palampur, YSPUHF, Nauni and ZSI, Solan during October 17th-23rd, 2005.
- Presented two papers in 7th Punjab Science Congress at Guru Nanak Dev University, Amritsar on February 7th-9th, 2004.

Research Projects
<ol style="list-style-type: none"> 1. Potential use of herbs to quench heavy metals from contaminated water funded by Department of Biotechnology (DBT-Star College Scheme) (Ongoing) 2. Correlation of toxic stress by heavy metal toxicants and periphytic protozoan colonization rates funded by Department of Biotechnology (DBT-Star College Scheme) 3. Formulated proportionate dose of vermicompost for flowering plants funded by Department of Biotechnology (DBT-Star College Scheme) 4. Antibacterial activity and phytochemical analysis of some selected sea weeds funded by Department of Biotechnology (DBT-Star College Scheme)
Awards and Distinctions
<ul style="list-style-type: none"> • Recipient of Best Teacher Award, GNGC, Panjab University (2005-2007) • Merit fellowship for Ph.D. • State Merit Scholarship for B.Sc. • National Scholarship for Senior Secondary • Training at Zoological Survey of India (ZSI), Solan, Himachal Pradesh
Association With Professional Bodies
<p>Punjab Agricultural University (PAU), Ludhiana, Punjab</p>
Other Activities
<p>Member of Eco Club, Gargi College (2014-2015) Coeditor of Departmental Magazine (2013-14, 2014-15) Member of Student Advisory Committee, GNGC, Ludhiana (2004-2006) Vice President of Zoological Society, PAU, Ludhiana (2003) Representative, Student Advisory Cell, COBS & H, PAU, Ludhiana (2002-2004)</p>