



DEPARTMENT OF ZOOLOGY
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	DR.	First Name	SEEMA BORA	Last Name	ROY	
Designation		Assistant Professor				
Address		Zoology Department, Faculty of Science, Dyal Singh College (Morning), Lodhi Road, New Delhi-110003				
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Web-Page						
Educational Qualifications						
Degree		Institution				
Ph.D Zoology		DSB Campus, Kumaun University , Nainital (UK)				
M.Sc. Zoology		DSB Campus, Kumaun University , Nainital (UK)				
B.Sc. in Zoology, Botany and Chemistry		DSB Campus, Kumaun University , Nainital (UK)				
Career Profile						
<ul style="list-style-type: none"> • Research Associate in TERI (Tata Energy Research Institute, India Habitat Centre, Lodhi Road, New Delhi) from the year 2000-02 in the department of Forestry and Biodiversity. • Consultant in IGIDR (Indira Gandhi Institute of Development Research, Gen General Arun Kumar Vaidya Marg, Film City Rd, Goregaon, Mumbai, Maharashtra 400065) in the year 2003. • Education Manager in Roy Coaching classes, Mumbai from the year 2004 to 2009. • Consultant in Knowledge Management for development from April to July 2011. • Assistant Professor, Guest Faculty in Dyal Singh College, University of Delhi from 07-04-2022 to 06-06-2024 • Assistant Professor, Permanent Faculty in Dyal Singh College, University of Delhi from 07-06-2024 						
Administrative Assignments (From 1 st July 2019 onwards)						
<ul style="list-style-type: none"> • Co-convenor in Zoological Society - DSC(2024-25) • Co-convenor in Zoology Laboratory Maintenance - DSC(2024-25) • Co-Convenor in Alumni Registration Committee- DSC(2024-25) • Convenor in Parent-Teacher Committee- DSC(2024-25) • Member of Admission Committee - DSC(2024-25) • Member of Departmental Store Committee- DSC(2024-25) • Member of Purchase Committee - DSC(2024-25) • Member of Zoology Laboratory Maintainance - DSC(2024-25) 						

Areas of Interest / Specialization
Specialization in Entomology with interest in Vermicomposting, Waste Management, Forestry, Biodiversity, Ecology, Cytogenetics, Pest Management , Cell Biology and Biochemistry etc.
Subjects Taught
Cell Biology, Concept of Ecology, Biochemsity, Apiculture, Sericulture, Comparative anatomy of Vertebrates, Genetics, Science and society, social and Emotional Learning etc.
Research Guidance
<u>N.A.</u>
Publications Profile
<p>List of Publications / Journals</p> <ul style="list-style-type: none"> • B.R.Kaushal, S.Bora, B.Kandpal, 1999, Growth and cocoon production by the earthworm <i>Metaphire houletti</i> (oligochaeta) in different food sources, <i>Biol.Fertil Soils</i>, 29, 394-400 (ART.042) • B.R.Kaushal, B.Kandpal, S.P.S.Bisht, Seema Bora, Renu Dhapola(2000), Abundance and seasonal activity of earthworms in croplands of Kumaun Himalayas, <i>Eur.J.Soil.Biol</i>, 35(4), 172-176. • Article in the "The Pioneer" about the topic "Trust the worm to clean up the house"(2001).
Conference Organization/ Presentations (From 1st July 2019 onwards)
<ul style="list-style-type: none"> • <i>Attended 10 Day (16-26 July, 2024) "NEP 2020 Orientation and Sensitization Programme under Malviya Mission Teachers Training Programme (MM-TTP)" of University Grants Commission (UGC)</i> • <i>Organised "Short One-Day Internship Training Program on Microbiological Techniques" as a coordinator in Dyal Singh college on 29th August,2024 in collaboration with Department of Microbiology, AIIMS, New Delhi</i> • <i>Attended Faculty Training Program on "Fundamental Principles of Integrated Pest Management (IPM)" from 20-22 August, 2024 organised by Department of Zoology, Hindu College, University of Delhi</i>
Research Projects (Major Grants/Research Collaboration)
<p>Research Experience</p> <ul style="list-style-type: none"> • <i>Written PhD Thesis in the topic "The influence of earthworm in nutrient cycling in natural and managed ecosystem in Kumaun Himalaya".</i> • <i>Have worked in Various projects in TERI related to Vermicomposting, farm forestry, climate change, afforestation and biodiversity related issues.</i> • <i>Worked in the EERC project entitled "India: Environmental management capacity Building Technical Assistance project" and " Economic analysis of rural pollution and Health impacts in Northern India" in IGIDR.</i>

Awards and Distinctions (From 1 st July 2019 onwards)
1. Certificate of appreciation for Science Fair 2024 held on 28-29 th February 2024 in Dyal Singh College, DU
Association With Professional Bodies
NA
Other Activities like MOOCs/ Patents etc. (From 1 st July 2019 onwards)
NA

A handwritten signature in blue ink, appearing to read "Seema", is centered on a light-colored rectangular background.

Signature of Faculty Member