

## Kumaun University, Nainital

### Curriculum Vitae

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Name : Dr. Sandeep Dutt Maindoli  
Designation : Assistant Professor (Guest Faculty)  
Department : Zoology  
Contact Information  
• Email Address : sdmzoology@gmail.com  
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Scopus ID : NA  
Vidwan ID : NA

#### Educational Qualification

Degree	University	Subjects	Year
B.Sc.	HNBGU (A Central University) Srinagar Garhwal, Uttarakhand.	Zoology, Botany & Chemistry	2012
M.Sc.	HNBGU (A Central University) Srinagar Garhwal, Uttarakhand.	Zoology	2014
Ph.D.	Kumaun University Nainital.	Zoology	2020

#### Work Experience -

Position	Department	University/Organization	Year
Assistant Professor (Guest Faculty)	Zoology	DSB Campus Kumaun University Nainital.	2020- Till Date

#### Administrative Responsibilities -

Position	Nature of responsibility	University/Organization	Year
Assistant Proctor	Maintaining law and order in the campus	DSB Campus Kumaun University Nainital	2023
Member B.Sc. Admission Committee	Preparation of merit list and counselling of students	DSB Campus Kumaun University Nainital	2022
Member B.Sc. Admission Committee	Preparation of merit list and counselling of students	DSB Campus Kumaun University Nainital	2021

### Research Interests

Currently working as an Assistant Professor (Guest) at DSB Campus Nainital and working in the research areas including Limnology, Ecology and Fish & Fisheries.

Over the Years, I have developed expertise in the field of:

Water Quality Monitoring

Water Pollution Control

Eutrophication Control

Use of bio- manipulation and Ecotechnology

Fisheries Management

Bio-floc Technology

### Publications (start from recent publications)

#### a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
<b>Maindoli, S.D.</b> , Pandey, N., Dutt, Y. & Bisht HCS	Study of Macrozoobenthic community of a Freshwater Lake Nainital, Kumaun Himalaya Uttarakhand , India	International Centre for Scientific Research and Development. 3 (3): 19-22.	2023
Arya, Geetika, Bisht, H.C. S., Hemlata, <b>Maindoli, S.D.</b> & Siddiqui, U.	Study on status of physico- chemical parameters of lotic water body, Shipra in the mountainous region of Kumaun Himalaya Uttarakhand, India.	International Journal of Zoological Investigations. 8 (1): 90-97.	2022
Singh P., Pant, M. <b>Maindoli, S.D.</b> & Gupta, P. K.	Long-term changes in Physico- chemical variables of Lake Khurpatal, Kumaun Himalaya, India.	Ecology Environment. & Conservation 28(1):411-419.	2022
<b>Maindoli, S.D.</b> Pant, M. Nutan, Singh, P. & Gupta, P. K.	Physio-chemical and biological responses of aeration for eutrophication control in Nainital lake, Uttarakhand	Pollution Research. 38 (1): 145-150.	2019
<b>Maindoli, S.D.</b> Singh, P. Nutan, Pant, M., Chanyal, P. C. & Gupta, P.K.	Assessment of water quality of some fresh water mountain springs in Naini lake basin of Kumaun Himalaya	International Journal of Advanced Research and Development. 3 (2):707-712.	2018

b) Patents (start from recent publications) -

Authors name	Title of the patent	Patent no (Granted or filed)	Year
NIL			

c) Books (start from recent publications) -

Authors name	Title of the book	Publisher	ISBN	Year
NIL				

d) Book chapters (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year
<b>Maindoli, S. D. (2019)</b>	Recent advances in Indian Limnology and Fishery Science (Eds)	Today & Tomorrow's Printers and Publishers, New Delhi-110 002. 2 162-167	<b>9788170196822.</b>	2019

e) Conference Publications/Proceedings (start from recent publications) -

Authors name	Title of the paper	Conference name	Year

**Projects**

Title of the project	Funding agency	Amount (Rs)	Year
“Water Quality Monitoring of Nainital Lake Phase II”	Lake Development Authority Nainital Uttarakhand.	2.50 Lacs.	2015

**Teaching details**

Name of the course/paper	Department	University	Year
ZOO/I/CC/02	Zoology	DSB Campus Nainital	2020 – Till

Non-Chordata			
ZOO/III/CC/) 01 Chordata	Zoology	DSB Campus Nainital	2020 -Till
Minor Elective Ecology & Environmental Science	Zoology	DSB Campus Nainital	2020 - Till
ZOO/III/OEC/01 Developmental Biology	Zoology	DSB Campus Nainital	2020 - Till
ZOO401T Microbiology	Zoology	DSB Campus Nainital	2020 - Till
Z00301T Toxicology	Zoology	DSB Campus Nainital	2020 - Till
ZOO/IV/EC/101 Fish & Fisheries	Zoology	DSB Campus Nainital	2020 - Till

#### Professional Memberships -

Organization	Position	Year
NIL		

#### Honours and Awards -

Award	Awarding Organization	Year
NIL		

#### Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
“Chronological changes in Zooplankton community of Lake Nainital in last two decades.	National Seminar on Environmental Conservation & Sustainable Development.	Department of Zoology (DST- FIST Funded) DAV (P.G) College Dehradun- 248001 In Collaboration with: Zoological Survey of India, NRC Dehradun Indian Academy of Environmental Sciences, Dehradun Society of Environmental & Biological Sciences Dehradun.	2024.

Status and distribution of Macrozoobenthos in the lakes of Kumaun Regions of Uttarakhand.	A National Seminar on “Wild life: Threats with special reference to forest fire and Human- wildlife Conflict.	Dr. S. N.N. Government Degree College, Vedhikal , Pauri Garhwal, Uttarakhand In Collaboration with Uttarakhand Science Education & Research Centre (USERC).	2023
Human – wildlife conflict in Chamoli District during 2022-2023: A review.	Human – wildlife conflict special reference to Leopard attack in Areas of Pauri Garhwal.	Dr. S. N.N. Government Degree College, Vedhikal , Pauri Garhwal, Uttarakhand In Collaboration with Uttarakhand Science Education & Research Centre (USERC).	2023
Changes in Community structure of Macrozoobenthos in Lake Bhimtal after four decades	Multidisciplinary National Seminar on “Emerging Approaches of Scientific Research Technology and its Impact on Global Research Process”  (EASRTIOGRP- 2023)	Mahila College, Khagaul (A constituent of Patilputra University)	2023
Changes in physico- chemical properties of water and sediment in Lake Nainital after four decades	International Conference Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security (GAAFES 2019),  Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, Uttarakhand, India, 1-2 December, 2019.	Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, Uttarakhand, India	2019

<p>“Changes in community structure of Macrozoobenthos in Lake Nainital after four decades,</p>	<p>International Conference on Contemporary Issues of Climate Change, Conservation of Biodiversity and Natural Resources in Himalayan Environments, Deptt. of Zoology, Govt. P.G. College, New Tehri Tehri Garhwal, Uttarakhand-249001, India, 14-16 November, 2019.</p>	<p>Department. of Zoology, Govt. P.G. College, New Tehri Tehri Garhwal, Uttarakhand- 249001, India,</p>	<p>2019</p>
<p>“Macrozoobenthos an Overview”</p>	<p>Coldwater Fisheries Development in India: Innovation Approaches and ways forward for Enhancing Hill Farmers Income, 24-25 September, 2019.</p>	<p>ICAR- Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand India.</p>	<p>2019</p>
<p>“Studies on Water Quality of Some Natural Springs around Nainital, Kumaun Himalaya, Uttarakhand”.</p>	<p>8th I.C.C. Association (Haridwar Chapter) “Reaching the Unreached through Science and Technology” organized by Deptt. of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University, Nainital during 14-15 October, 2017.</p>	<p>Department of Mathematics and Department of Computer Science, D.S.B. Campus, Kumaun University, Nainital</p>	<p>2017</p>

“Chronological changes in biodiversity of macrozoobenthic community in Lake Nainital, Kumaun Himalaya”.	Strategies, Innovations and Sustainable management for Enhancing Cold water Fisheries and Aquaculture.	ICAR- Directorate of Coldwater Fisheries Research, Bhimtal, Uttarakhand India.	2017
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**Signature of the faculty member**

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