

Dr. Sandeep Kumar



NSCBM Govt. College Hamirpur (H.P.)		
Designation	Assistant Professor of Zoology	
Academic Qualifications	M. Sc. (Gold Medalist), B. Ed., M. Phil. Ph. D.	
E.mail: sandeepsarkaghat@gmail.com Mobile Number: 9418329037		
Title of Research work (Ph. D)	Limnological studies on Maan stream- A tributary of Beas River in District Hamirpur (H.P.), India	
Joined as faculty	06 October 2009	
Teaching Experience	14 years	
Teaching Subject	Zoology	
Specialization / Area of Interest	Fish and Fisheries, Immunology and Parasitology and Environmental Sciences	
National / State Conferences/ Seminars Organized	Acted As	Organized on
National Seminar on Environment, Conservation and Biodiversity	Joint Organizing Secretary	27-28 March 2015
College Level Seminar on Life and Contributions of Dr. BR Ambedkar	Joint Organizing Secretary	6 th Dec. 2021
College Level Seminar on Research Methodology in Sciences	Organizing Secretary	11 th April 2022
National Seminar on Science, Environment, Education and Society	Organizing Secretary	19 th March 2022
State Level Seminar on Life and Contributions of Dr. BR Ambedkar and Contemporary Issues in the Society	Organizing Secretary	6 th Dec. 2022
National Seminar on Impact of Science and Technology on Society	Co-convenor	25-26, March 2023
National Conference on Global Perspective on Science and Technology for Sustainable Future	Organizing Secretary	21-22, September 2023

National Wildlife Day Celebrations Organized	Organizing Secretary	5 th October 2023
World Mental Health Day Celebrations Organized	Organizing Secretary	10 th October 2023
College Level Seminar on Fish and Fisheries organized on Occasion of World Fisheries Day	Organizing Secretary	21 st November 2023
National Seminar on Life and Contributions of Dr. BR Ambedkar and Contemporary Issues in Environment, Culture and Indian Society	Co-convenor	6 th December 2023
Qualified Departmental Exam under Roll No. 41610271 in Oct. 2016		
Induction-cum-Orientation Courses / Refresher Courses / Short Term Training Programs/ Workshops Attended		
Name of Training Program	Organized By	Organized on
Five Days Training Programme on Basic Disaster Management	HIPA, Fairlawns, Shimla	08 th Nov. 2010 to 12 th Nov. 2010
Short Term Course on Disaster Management	H.P.U Shimla.	26 th Dec. 2012 to 28 th Dec. 2012
Two Week Induction Training Programme	Govt. College of Teacher Education Dharamshala	14 th May 2012 to 26 th May 2012
4 Week 'Orientation Course'	Panjabi University Patiala	February 2013
SWAYAM ARPIT online course on Advances in Animal Diversity, Systematic & Evolution	Dr. H.S.Gour Vishwavidyalaya, Sagar.	March 2019
FDP on ADVANCED PEDAGOGICAL TECHNIQUES by Teaching Learning Centre, Ramanujan College, Uni. Of Delhi.		29 th Nov.2020 to 05 Dec. 2020
Two week Refresher Course on Basic Sciences	GNDU, Amritsar.	22 th Sept. 2020 To 05 Oct. 2020
Two week Refresher Course on Environment Conservation	GNDU, Amritsar.	17 th Nov2020 To 30 th Nov2020
One Week Online Short Term Course	UGC HRDC Guru Nanak Dev University, Amritsar	04 August 2020 to 10 August 2020)
One Week National level Workshop on Research and Data Analytics on Microsoft Excel	Department of Social Work, Assam University Silcher	9 th October 15 th October, 2020
Two Week Refresher course on 'Physical, Life and Earth Sciences'	Mizoram University	28 th July 2022 to 10 th August 2022

One Week Online Short Term Course on Applied Statistics.	Mizoram University	11 th July 2023 to 17 th August 2023
Papers Presented in Seminars/ Conferences/ Symposia		
Title of Presentation	Conference/Seminar Organized By	Organized On
Natural Disasters and their Management	NSCBM, Govt. College Hamirpur (H.P.).	18-20, October 2013
Waste water treatment method and disposal-an overview	Sri Sai University Palampur, H.P.	18-01- 2014
Sericulture a source of income in rural areas-a case study of three panchyats of Distt. Mandi (H.P.)	NSCBM, Govt. College Hamirpur (H.P.).	8-9, May.2015
Impact of development projects in Himachal Pradesh-An overview	NSCBM, Govt. College Hamirpur (H.P.).	27-28 March 2015
Impact of tourism on Environment & Society –a case study of Kangra Distt. H.P.	Govt. College Bhoranj, Hamirpur (H.P.)	13-14, Feb 2016
Pollution problem of India : Challenges an Solutions	Govt. College Bhoranj, Hamirpur (H.P.)	13-14, Feb 2016
Women are Powerful agents to combat climate change-An Overview	S.V.G.C. Ghumarwin	17-18, Dec.2016
An Overview of Faunal Diversity of Dhauladhar Nature park-Gopalpur Distt. Kangra (H.P)	NSCBM, Govt. College Hamirpur (H.P.).	24-25 March-2018
Contribution of Dr. B.R. Ambedkar in the drafting of Indian Constitution	NSCBM, Govt. College Hamirpur (H.P.).	26 -11- 2018
Need of sustainable development for conserving the Biodiversity of H.P.	NSCBM, Govt. College Hamirpur (H.P.).	23 Feb.2019
Wildlife conflicts and agricultural damage issues in H.P.-An overview	G.C Dehri	9 th March, 2019
Sericulture, a source of income in rural area –an overview	Career Point University Hamirpur (H.P)	8-9 Nov.2019
Women may play an important role to save environment-an overview	NSCBM, Govt. College Hamirpur (H.P.).	23 th Nov 2019

Applications of Mathematical Statics in Biological Research –An overview	NSCBM, Govt. College Hamirpur (H.P.).	29-30 Nov 2019
Role of Women in Sericulture-an overview	NSCBM, Govt. College Hamirpur (H.P.).	17-18 Oct. 2020
Biodiversity and conservation of Maan stream- Himachal Pradesh, India	G.C Sanjauli, Shimla	22-23 Oct. 2021
Checklist of Macroinvertebrates of Maan Stream, Himachal Pradesh, India	JLN Govt. College Haripur (Manali).	18-20 th Nov. 2021
Length- weight relationship in Fisheries	NSCBM, Govt. College Hamirpur (H.P.).	22-12-2021
Seasonal occurrence of Helminthes parasites in fishes of Daryabganj lake of Distt. Kasganj (U.P.)	NSCBM, Govt. College Hamirpur (H.P.).	
Zooplankton Recorded from Maan Stream, Himachal Pradesh.	25 th Punjab Science Congress	7-9 Feb 2022
Animal Conservation and Enviromental Issues: An Overview	NSCBM, Govt. College Hamirpur (H.P.).	19, March 2022
Preparing and Writing a research Article	NSCBM, Govt. College Hamirpur (H.P.).	11 th April 2022
Municipal solids wastes management in Hamirpur (H.P.)	NSCBM, Govt. College Hamirpur (H.P.).	6 th Dec 2022
Applications of Biostatistics in Research-An overview	NSCBM, Govt. College Hamirpur (H.P.).	03-04 March 2023
Impact of E- waste on environment and human health –An overview	NSCBM, Govt. College Hamirpur (H.P.).	25-26 March 2023
Problem and remedial measures of E. Waste- An overview	G.C.Sarkaghat	5-6 June 2023
Threats to Aquatic diversity	NSCBM, Govt. College Hamirpur (H.P.).	21-22 Sept, 2023
Change in Climate, Environment and its impact on humanity: –An overview	NSCBM, Govt. College Hamirpur (H.P.).	21-22 Sept, 2023
Ecological degradation in Himachal Pradesh: An Overview	G C Nadaun	29-30 Sep. 2023

Publications

Papers/ Articles in Journals-

1. Water Quality Analysis of Maan Stream (Himachal Pradesh), India. *Pollution Research* 40 (3), 955-960, 2021.
2. Checklist of Ichthyofauna of Maan Stream, Himachal Pradesh, India. *Uttar Pradesh Journal of Zoology* 42(15): 95-100, 2021.
3. Seasonal Variations In Physico-Chemical Parameters of Maan Stream, Himachal Pradesh, India. *J. Exp. Zool. India.* 25 (1) 539-546, 2022.
4. Role of Nitric Oxide Synthetase in Mice to protect Against *Plasmodium berghei* Malaria in

Biochem. Cell. Arch. Vol.22, No.2, pp000-0000, 2022.

5. Study of Participation of Nitric Oxide, Total Nitrite and Nitrites Synthase Activity in *P. berghei* infected mice erythrocyte and Plasma. *Journal of Experimental Zoology, India* 26 (2): 2487-249, 2023.

Book Chapter-

Effect of certain insecticides on A Holotrichous Protozoan (*Tetrahymena pyriformis*) in *Environmental degradation and Conservation* (Ed. Dr. DP Singh, Mr. Dharmendra Kumar) 2022

Paper Presented in conferences / Seminars - 25	
Technical Sessions Chaired	
National Conferences/ Seminars - 02	
Life Member of Professional Association/ Bodies	
Indian Science Congress Association, Kolkata (ISCA)	
Fellow	
Indian Association of Science and Technology (FIASST)	
Reviewer	
• ❖ Uttar Pradesh Journal of Zoology, ❖ International Journal of Environment Climate Change, ❖ Asian Journal of Advances in Research, Asian Journal of Research in Zoology ❖ Asian Journal of Fisheries and Aquatic Research	
Supervisor (for M. Sc. Students)	
Guiding M. Sc. Students for Project Work (during academic 2023-24) – 05	
Club/ Society	
Convenor Red Ribbon Club, GC Hamirpur (Session 2022-23)	
Red Cross, GC Hamirpur (Session 2022-23)	
Any others:	
Paper setter of HPU, KPKV & Panjabi Uni. IGNOU Counsellor	