



DR. VIJAY KUMAR

Associate Professor of Botany

Phone: +91-9418114190, 7018840719

Email: dr.vijay1970@gmail.com

Key Qualifications: Ph.D., M.Phil., M.Sc.

Joined the Department of Botany as lecturer in 1999 at NSCBM Govt. College Hamirpur (H.P.) and later in 2000 obtained Ph.D. degree from Himachal Pradesh University, Shimla with specialization in Plant Physiology and Biochemistry. He has published two research papers in respected journals related to his specialization. Dr. Vijay Kumar has served various colleges of Himachal Pradesh during his 24 years of teaching experience. He has attended number of training courses to meet the emerging requirements of modern-day teaching. Presently he is working on medicinal plants of Himachal Pradesh and has been an active member in the establishment of AYUSH garden at his present place of posting.

A. PUBLISHED RESEARCH PAPERS:

1. Nutrient deficiency -dependent anthocyanin development in *Spirodela polyrhiza* (L.) Schleid.

V. KUMAR and S.S. SHARMA; BIOLOGIA PLANTARUM 42(4): 621-624, 1999

2. Responses of wild type and abscisic acid mutants of *Arabidopsis thaliana* to cadmium.

Shanti S. Sharma, Vijay Kumar; J. Plant. Physiol. 159. 1323-1327 (2002)

B. TRAINING COURSES / WORKSHOPS ATTENDED:

1. UGC sponsored three-week refresher course in Environmental Awareness w.e.f. 12.04.2005 to 02.05.2005. Academic Staff College, Himachal Pradesh University, Shimla-171005.

2. UGC sponsored three-week refresher course in Biological Sciences w.e.f. 05.06.2006 to 24.06.2006. Academic Staff College, Himachal Pradesh University, Shimla-171005.

3. UGC sponsored three-week refresher course in Life Sciences w.e.f. 07.05.2012 to 26.05.2012. Academic Staff College, Himachal Pradesh University, Shimla-171005.

4. DBT sponsored training cum seminar in Molecular Biology Techniques w.e.f. 10th to 19th November, 2011. Shoolini University of Biotechnology and Management Sciences, Solan (H.P.)

5. One-week Short Term Course on Advanced Techniques in Material Characterization (ATMC-2013) w.e.f. 20th to 4th May, 2013. National Institute of Technology Hamirpur (H.P.)

6. UGC-Sponsored Practical Workshop for Botany Teachers w.e.f. 8 March, 2014 to 14 March, 2014. Academic Staff College, Punjabi University, Patiala.

7. Training Course on Classical and Modern Methods in Plant Taxonomy and Biosystematics w.e.f. October 29 to November 4, 2015. CSIR-National Botanical Research Institute, Lucknow- 226001.

8. Advanced Nanomaterials: Applications in Diseases Diagnosis and Imaging w.e.f. May 29th – June 3rd, 2016. Global Initiative of Academic Networks (GIAN). National Institute of Technology Hamirpur (H.P.)

9. Chemical, Biochemical and Environmental Issues Related to Cancer and Solutions Addressing Problems w.e.f. September 11 – 16, 2017. Global Initiative of Academic Networks (GIAN). National Institute of Technology Hamirpur (H.P.)

10. Molecules to Humans: Applications of Multidimensional NMR in Deciphering Bio-molecular structures, Functions and Cellular Mechanisms w.e.f. December 2-7, 2019. Global Initiative of Academic Networks (GIAN). National Institute of Technology Hamirpur (H.P.)

11. Induction Training Programme w.e.f. 11.03.2019 to 16.03.2019. Government College of Teacher Education, Dharamshala under the aegis of Department of Higher Education, Himachal Pradesh.

C. PARTICIPATION IN SUBJECT RELATED SEMINARS:

1. UGC Sponsored National Seminar on Plant Biodiversity, Retrospect and Prospects w.e.f. February 25th 26th, 2012. Govt. Post Graduate College Dharamshala, Himachal Pradesh.

2. UGC Sponsored National Seminar on Ethnobotany in the Third Millennium Role and expectations in Himachal Pradesh w.e.f. March 17th to 18th, 2012. Sidharth Govt. College Nadaun.

3. National Conference on Environment: Current Scenario and Future Perspectives (NCE2019), 9TH March, 2019. W.R.S. Govt. College Dehri, District Kangra. Himachal Pradesh.

4. International Conference on Recent Trends in Science and Technology for Environment Conservation and Sustainable Development w.e.f. September 29-30, 2023. Sidarth Utkrisht Govt. Degree College, Nadaun. Distt. Hamirpur, Himachal Pradesh.

D. PARTICIPATION IN INTERDISCIPLINARY SEMINARS:

1. National Seminar on Impact of Disasters on Economic Development, 5th May, 2012. H.P. Institute of Public Administration Fair Lawns, Shimla-171012

2. UGC Sponsored National Seminar on Higher Education in India-Need for Quality, Employability, Equity and Inclusion w.e.f. February 08-09, 2013. Government College Sujanpur-Tihra (H.P.)

3. National Seminar on Natural Disasters: Vulnerability, Preparedness and Mitigation w.e.f. October 18-20, 2013. NSCBM Govt. College Hamirpur (H.P.) In association with NDRF.

4. National Seminar on Natural Calamities, Causes, Concern and Disaster Management w.e.f. Dec. 27, 28, 2013. Government College Sujanpur-Tihra (H.P.)

5. UGC Sponsored National Seminar on Environment, Conservation and Biodiversity w.e.f. March 27-28, 2015. NSCBM Govt. College Hamirpur (H.P.)

6. National Conference on Quality of Higher Education (NCQHE-2019), March 27, 2019. IQAC of NSCBM Govt. College Hamirpur (H.P.)