



# 7<sup>th</sup>-9<sup>th</sup> Professor Shiv Ram Kashyap Oration Award Lectures

by

**Dr. S. C. Verma**  
on  
*Breeding System in Ferns*

&

**Dr. A. N. Purohit**  
on

*Climate Change is Changing Climate in Favour of Importance of Research on Plant Biology*  
&

**Dr. P. K. Khosla**  
on  
*Himalayan Biodiversity: An Overview*



Prof. Shiv Ram Kashyap



Dr. S. C. Verma



Dr. A. N. Purohit



Dr. P. K. Khosla

## About the Oration Award

This oration award has been instituted in the revered memory of an eminent Botanist Prof. Shiv Ram Kashyap, an alumnus of Botany Department, Panjab University, through *lecture corpus* nucleated by his daughter, Ms. Kamini Kaushal, a famous actress, and supported by Department of Botany, P.U., Chandigarh. The award is to be conferred on the renowned scientists of the country every year.

**Prof. Shiv Ram Kashyap (1882-1934)**, an iconic alumnus of the University of Punjab at Lahore, is revered as a great researcher and teacher even today. Prof. Kashyap was conferred Doctorate Degree (*honoris causa*) during special convocation (December 4-6, 1933) in the golden jubilee celebrations of the University along with Sir Jagdish Chandra Bose. He was given the title of *Rai Sahib* in 1920 and *Rai Bahadur* in 1929 in recognition of his extraordinary contributions to academic services. Though he started as a medical man, but his interest with plants turned out to be a decision for the progress of Botany in India. He was the first to start M.Sc. classes in Botany in India. His long list of noteworthy students includes well known names, like Dr. Birbal Sahni, Dr. A.C. Joshi, Dr. M.S. Randhawa and Dr. P.N. Mehra.

## About the Awardees

**Dr. Satish Chander Verma** is Professor Emeritus at Department of Botany, Panjab University, Chandigarh with his areas of specialization as Genetics, Cytology & Cytogenetics of flowering plants and Pteridophytes, Reproductive Biology of Homosporous Ferns, and Taxonomy & Morphology of Ferns. He has been recipient of Commonwealth Academic Staff fellowship (1972) to study Genetics in UK, INSA (New Delhi)-JSPS (Tokyo) Fellowship under exchange programme for study of chromosome banding, genetics of self-incompatibility, and Ferns in Herbaria (Tokyo); Honorary Research Fellowship at University College, London (1977-1986). He has chaired sessions at International Congress at New Delhi, Toronto (Canada), and at Edinburgh and has been Visiting Professor at Sendai & Hiroshima (Japan), Colorado College, Colorado Springs (USA), Arizona State University, Tempe, Phoenix (USA) and University of Minnesota, St. Paul (USA). He has edited Silver Jubilee Volume (2008) of the Indian Fern Society titled *Perspectives in Pteridophytes*, and published a book entitled *Chromosome Atlas of Indian Pteridophytes* (2010). He has been Fellow National Academy of Sciences, Allahabad (FNASc) and Fellow Linnaean Society (FLS).

**Dr. Aditya Narain Purohit**, presently working as an adjunct Professor, School of Environment Studies, Doon University, Dehradun has made valuable scientific contributions on mountain plants and the mountain ecosystem. He was awarded Padma Shri, by the President of India in 1997 for his valuable scientific contributions in Indian mountains. He has served as the Director, G. B. Pant Institute of Himalayan Environment and Development, Almora (1990-1995), Vice-Chancellor, H. N. B. Garhwal University (2001-2002) and as Professor & Director, University's High Altitude Plant Physiology Research Center (1995-2002). He established an Institute with its alpine field station at 13000-ft elevation at Tungnath, which is the first Alpine Center in India. He is also the member of Editorial board for the Journal of Sustainable Forestry. Prof. Purohit was the Member of the Expert Group constituted by the Planning Commission, Govt. of India to formulate the national policy for the development of Himalayan region. He was instrumental in preparing the action plan for the Himalayan region, which was approved by the Indian Parliament in 1992. He has been Fellow National Academy of Sciences (FNASc), Fellow Indian National Science Academy (FNA) and Fellow of the Indian National Academy of Agricultural Sciences (FNAAS).

**Dr. P. K. Khosla** is currently the Chancellor of Shoolini University of Biotechnology and Management Sciences, Solan (H.P.). He has worked on plant biodiversity and chromosomal polymorphism of Himalayan trees, which earned him his Ph.D. degree in 1968 from Panjab University; he did his postdoctoral programme at Oxford University (1972-74) and has a stellar work experience. He served as Vice Chancellor, HPAU, Palampur (1998-2001) and Senior Scientific Advisor Biotechnology H.P. Govt., (2001-04). He established Shoolini Institute of Life Sciences and Business Management (SILB) in 2005 and subsequently established Shoolini University of Biotechnology and Management Sciences and remained its Vice Chancellor till 2020. He has been awarded with Indian Society of Tree Scientists Seth Memorial ISGPB Fellow Directory Award (1992) and Lifetime Achievement Award (2001), Indian Society of Tree Scientists. He is a Fellow member of Indian Society of Genetics and Plant Breeding; International Society of Tropical Foresters, USA; and Founder Secretary, Indian Society of Tree Scientists. He has been conferred with the Lifetime Achievement Award (2017) by the Indian Society of Agroforestry, Jhansi and K. K. Nanda Fellowship (2018) in recognition of his outstanding contributions to Plant Sciences, and Himachal Rattan Award by All India Intellectuals Council (2020). He was honoured by Edu STAR 2022 with Dr Malay Chaudhary Memorial Lifetime Achievement Award for Impacting Lives through Education.

**Venue: Auditorium, Department of Botany, Panjab University, Chandigarh**

**Date: December 6, 2022 Time: 10:00 AM**

**Contact: Chairperson, Department of Botany Email: [chairman.botany@pu.ac.in](mailto:chairman.botany@pu.ac.in)**

**Note: Kindly be seated 10 minutes before the lecture and switch off your mobiles.**