


## FACULTY PROFILE PROFORMA

<b>Title (Ms/Mr/Dr/Prof)</b>	DR. SANAVAR SOHAM		
<b>Designation</b>	Associate Professor		
<b>Department</b>	BOTANY		
<b>Address (Official)</b>	Kalindi College, University of Delhi, East Patel Nagar, New Delhi-110008		
<b>Phone No.</b>	01125787604		
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<b>Education</b>			
<b>Subject</b>	<b>Institution</b>	<b>Year</b>	<b>Details</b>
Ph.D. Botany	Department of Botany, University of Delhi	2010	<b>“Comparative Studies on Heavy Metal Acquisition and Retention by Mosses of Five Different Sites of India”</b>
M.Phil. Botany	Department of Botany, University of Delhi	2004	<b>“Morphology and Distribution of Podostemaceae in India”</b>
M.Sc. Botany	Department of Botany, University of Delhi	2003	
B.Sc. Botany	Daulat Ram College	2001	
<b>Career Profile</b>			
<b>Organisation/Institution</b>	<b>Designation</b>	<b>Duration</b>	<b>Role</b>
Kalindi College	Assistant Professor	<b>May 2014 till date</b>	Teaching, participation in departmental activities & college activities, member and Convenor in various committees
Daulat Ram College	Assistant Professor(Adhoc)	<b>Jan 2011 - April 2014</b> (03years 04months)	Teaching, arranging workshops, participation in departmental activities
Keshav Mahavidyalaya	Assistant Professor(Guest Faculty)	<b>July2006-August2010</b> (04 years)	Teaching and member of purchase committee
<b>Research Interests/Specialization</b>			
Archegoniates, Ecology and Environmental Management			
<b>Administrative Assignments / Contribution to corporate life</b>			

Participation in Administrative work of the college:			
<div><div>1. <b>Nodal Officer</b> for Coordinating the implementation of Solar PV System</div><div>2. <b>Convenor:</b> Theme Park 2014-15,2015-16</div><div>3. <b>Convenor:</b> Dance Group (Western and Folk, Kalindi College) 2014-15,2015-16</div><div>4. Member of Committee: Maintenance &amp; Beautification of old parking area &amp; development of AUGUST KRANTI PARK there.</div><div>5. Member of Committee: Maintenance of New Parking Area.</div><div>6. Member Proctorial Committee (Kalindi College) 2014-15,2015-16</div><div>7. Member Canteen Committee (Kalindi College) 2014-15,2015-16</div><div>8. Member Editorial Board “PRAVAH 2014-15”, Annual Magazine of Kalindi College 2014-15,2015-16</div><div>9. TIC, Department of Botany, 2025-2026</div><div>10. TIC, Department of Life Sciences, 2025-2026</div><div>11. Admission Convenor, Department of Botany, 2025-2026</div></div>			
Teaching Experiences (Subject/Courses taught)			
<div><div>✓ Teaching Plant Biodiversity to B.Sc. (Prog.) life Sciences students.</div><div>✓ Teaching Plant Biotechnology to B.Sc. (Hons.) Botany students.</div><div>✓ Teaching Plant Ecology and Taxonomy to B.Sc. Life Sciences (CBCS) students.</div><div>✓ Teaching and taught Environment Studies to the students of all the streams of Science, Commerce and Humanities.</div><div>✓ Taught Environmental Management Paper, Genetics &amp; Genomics, Plant Physiology, Plant Anatomy, Plant Reproductive Biology, Plant Resource Utilisation, Mycology &amp; Plant Pathology, Cell Biology, Archegoniates, Algae &amp; Microbiology Paper &amp; Introduction to Biology Paper to B.Sc. (Hons.) Botany students in <b>Daulat Ram College, University of Delhi.</b></div><div>✓ Taught Plant Ecology, Introduction to Biology Paper, Mycology &amp; Plant Pathology, Cell Biology, Archegoniates to B.Sc. Life Sciences students in <b>Daulat Ram College, University of Delhi.</b></div><div>✓ Taught Botany part in Biology to B.Sc. Applied Physical Science students in <b>Keshav Mahavidyalaya, University of Delhi.</b></div><div>✓ Taught Bryophytes to Post Graduate students in Department of Botany, University of Delhi.</div></div>			
Research Guidance		NIL	
Publication (Peer Reviewed/Indexed Journals)			
Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	Co-Author
2025	Assessing Heavy Metal Accumulation Capacities of Mosses: A Comparative Analysis with Focus on Cadmium in Urban & Natural Areas of Five different Sites of India	The Journal of Plant Science Research: 41(1) : 181-191 ISSN: 0970-2539	Kumar Shantanu, P.L. Uniyal, Arunjit Mayanglambam &

			Meenakshi Sharma
2025	Phytochemical Profiling and In Silico Analyses Reveal Drug like Characteristics in the Moss <i>Brachythecium salebrosum</i> (Bryophyta, Brachytheciaceae)	Lilloa 62 (2): 507-530 ISSN: 0075-9481 (Print) and 2346-9641 (Online)	Dhyani Anshul, Kumar Shantanu, Irengbam Rocky Mangangcha, Shruti Kasana & Prem Lal Uniyal
2014	Species Diversity and Composition of Bryopytic Vegetation in Garhwal Himalaya with Special Reference to Kedarnath Wildlife Sanctuary (KWLS), Uttarakhand, India.	In <i>International Journal of Ecology &amp; Environmental Sciences</i> 40(2 & 3) pp. 75-85  ISSN No. 0377-015X (print) 2320-5199 (online)	Y.M. Bahuguna Sumeet Gairola D.P. Semwal & P.L. Uniyal
2014	Habitat Preference in Pleurocarpous Mosses of Imphal District, Manipur, India.	In <i>Evansia</i> 31 (3)  ISSN No. 0747-9859 (print)	H.Govindaparyari Y.M. Bahuguna & P.L. Uniyal
2008	Studies on In vitro Seed Germination and Origin and Development of Prostrate Plant Body in <i>Zeylanidium lichenoides</i> .	<i>Phytomorphology</i> 58 (1 & 2) pp. 73-79  ISSN No. 00319449 (print)	H.Govindaparyari & P.L. Uniyal
2010	Bryophytes of Uttarakhand	In <i>The Plant Wealth of Uttarakhand</i> Ch. 6. Jagdamba Publishing Company, New Delhi, India.  ISBN No. 978-93-80280-02-8.	Shantanu Suman & P. L. Uniyal
2005	Morphology and Distribution of Podostemaceae in India	In <i>Forntiers in Plant Sciences</i> . pp. 809-862. I.K. International Pvt. Ltd., N. Delhi-16, India.  ISBN No. 9788188237425.	Shantanu Suman & P. L. Uniyal

#### Seminar/Workshop/Conferences Presentation/Organisation

##### International Conferences

1. Shantanu Suman, **Sanavar** and P L Uniyal 2010. Assessmenr of heavy metal copper pollution through Poster Presentation in Fourth International

Conference on Plants and Environmental Pollution (ICPEP-4). NBRI, Lucknow. 8-11 December 2010

2. Sunita Sharma, **Sanavar**, H Govindaparyari and P L Uniyal 2006. Symbiotic relationship of mosses to cyanobacteria. Paper presented In Proceedings of International Conference on Applied Phycology “Algae in Biotechnology and Environment”. New Delhi, 14-15 February 2006

### **National Conferences**

3. **Sanavar** and PL Uniyal 2006. Conservation of Podostemaceae. Paper presented In : International seminar on Forests, Forest Products and Services: Research, Development and Challenges, HNB Garhwal University Srinagar Garhwal, 1-3 November 2006.
4. **Sanavar Sharma**, H Govindaparyari and PL Uniyal 2007. Wetland habitats for some less known endemic and endangered plants. Paper presented in National Conference on Wetlands, Science and Society- An Assessment of their Integration. Delhi 11-13, December 2007.

### **Workshops attended & Conducted**

1. Attended workshop on “**Impact of Biotechnology on Man and Environment**” organized by the **TERI UNIVERSITY** Biotechnology Society on 10<sup>th</sup> March 2011.
2. Organized workshop on “**Techniques in Cell Biology**” under DBT sponsored Star College Project as Member organizing committee from 12<sup>th</sup> to 14<sup>th</sup> October 2011 in Daulat Ram College.
3. Organized workshop on “**PCR Applications:‘Q’ PCR and Insect Interaction**” under DBT sponsored Star College Project as Member organizing committee from 12<sup>th</sup> to 14<sup>th</sup> October 2011 in Daulat Ram College.
4. Organized workshop on “**Techniques in Plant Cell Tissue & Organ Culture**” under DBT sponsored Star College Project as Member organizing committee from 24<sup>th</sup> to 25<sup>th</sup> March 2014 in Daulat Ram College.
5. Attended workshop on “**Applied Genomics & Proteomics**” organized by Deshbandhu College, University of Delhi held from 12<sup>th</sup> to 14<sup>th</sup> March 2014.
6. Attended 12 weeks “**14<sup>th</sup> Foundation Course for Scientists & Technologists**” sponsored by **DST** conducted by **Indian Institute of Public Administration (ITO)** from 17<sup>th</sup> November 2014 to 6<sup>th</sup> February 2015.

<b>Awards &amp; Distinctions</b>	<b>NIL</b>
<b>Public Service/ University Service/ Consulting Activity</b>	<b>NIL</b>
<b>Professional Societies Memberships</b>	<b>NIL</b>
<b>Projects (Major Grants / Collaborations)</b>	
Worked as one of the Principal Investigator in <b>DELHI UNIVERSITY INNOVATION</b>	

**PROJECT 2013-14. “DR-202: Controlling Heavy Metal Soil Pollution by Phytoremediation- A cleaner and sustainable approach”.**

Working as one of the Principal Investigator in **DELHI UNIVERSITY INNOVATION PROJECT 2015-16. “KC-305: Inventory and creation of butterfly conservatory in Urban setup”**

**Other Details**

**NIL**