


Curriculum Vitae

Full Name:	ASHA			
Designation:	ASSISTANT PROFESSOR			
Department:	BOTANY & MICROBIOLOGY			
Campus:	SRINAGAR			
Telephone:		Fax		
		:		
Mobile:	9839692455			
Email	ashako2009@yahoo.com			
Education Qualification:	Ph.D. (Botany), University of Lucknow, 2009			
Teaching Experience:	<u> 6 </u> Years	Research Experience:	<u> 10 </u> Years	(including Ph.D.)
Research Interest and Fields of Specialization				
<ol style="list-style-type: none"> 1. Plant Molecular Biology 2. Plant Biochemistry (phytochemical screening of medicinal plants) 				
Honours & Awards				
<ol style="list-style-type: none"> 1. Selected as Assistant Professor in Department of Medicinal & Aromatic Plants (HAPPRC), School of Agriculture and Allied Sciences, HNB Garhwal University, Srinagar (Garhwal), Uttarakhand, India in June 2013. 2. Awarded DBT-Research Associateship in July, 2009. 3. Research fellowship from the CSIR, Govt. of India from 2002-2007 for pursuing Ph.D. 4. Awarded Joint CSIR-UGC NET for JRF and Lectureship in 2002. 				
Member of Academic Institutions- NIL				
<ol style="list-style-type: none"> 1. 2. 3. 				
Membership of Scientific Organizations- NIL				
<ol style="list-style-type: none"> 1. 2. 3. 				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
2 Ph.D. Scholars Registered				
<ol style="list-style-type: none"> 1. Seema Devi (Registration No. LB-17020) 2. Preeti Nirala (Registration No. LB-17021) 				
Research Projects/ MoU undertaken				
<ol style="list-style-type: none"> 1. Title- Preparing a chromosome atlas of the medicinal plants of Uttarakhand, Funding Agency- UGC, Total Cost- 6 Lacs, Completed/Ongoing- Completed (2015-17) 				
Administrative Experience				
<ol style="list-style-type: none"> 1. Warden of Girls Hostel, Chauras since April, 2018 2. Member, UG Admission Committee of University for Science group in academic year 2015-16, 2018-19, 2019-20 3. Member, PG Admission Committee, Botany in academic year 2013-14, 2018-19, 2019-20 4. Polling Officer in Student Union Election in 2013, 2018 and Member of Counting cell in Student Union Election in 2019. 				
Scientific Visits Abroad/ International Collaboration- NIL				
<ol style="list-style-type: none"> 1. 2. 3. 				
Conference/Symposium/Workshop Attended during last five years (2014-2019)				
International				
<ol style="list-style-type: none"> 1. Oral presentation entitled "Phytochemical screening of some important medicinal plants of Srinagar Garhwal" at the International Conference on Aerosols, Air Quality & 				

Climate Change on Himalayan Region of Uttarakhand (AAC-2018) held at H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, October 21-23, 2018.

2. Oral presentation entitled “**Chromosome study of the medicinal plants of Uttarakhand: Initial steps in biological natural resource engineering**” at the International Conference on Recent Research in Biomedical Engineering, Biochemistry, Bioethics, Bioinformatics, Cancer Biology, Stem Cells and Applied Biotechnology held at JNU, New Delhi on May 20, 2017.

National

1. Participated in One Week National Workshop on “Research Methodology” held at Faculty Development Centre, H. N. B. Garhwal University, Srinagar (Garhwal), Uttarakhand, December 10-16, 2018.
2. Participated in One Day National Workshop on “Intellectual Property Rights (IPR)” held at Department of Pharmaceutical Chemistry, H. N. B. Garhwal University, Srinagar (Garhwal), Uttarakhand, November 17, 2018.
3. Participated in a Short-Term Course on “Open Educational Resources in Higher Education” held at Faculty Development Centre, H. N. B. Garhwal University, Srinagar (Garhwal), Uttarakhand, September 04-09, 2017.
4. Participated in Winter School (Refresher Course) held at UGC-HRDC, University of Lucknow, Lucknow, December 09-31, 2016.
5. Participated in Orientation Programme-122 held at UGC-HRDC, University of Lucknow, Lucknow, December 01-31, 2015.
6. Participated in National Conference on Microbes in Extreme Environments: Diversity and Translational Applications held at H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, October 30-31, 2015
7. Participated in National Workshop on Women Empowerment and Higher Education held at H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, March 27, 2014.

Conference/Symposium/Workshop Organized during last five years (2014-2019)- NIL

1. Chairman/Convener/Organizing Secretary, Title of event, place, date, year
- 2.
- 3.

Publications during last five years (2014-2019)

Journals

1. Role of Expansin Genes in Softening of Fruits During Fruit Ripening, **Asha**, Int J Pharma Bio Sci 2017 July; 8(3): (B) 945-953, 2017
2. RNAi and Homologous Over-Expression Based Functional Approaches Reveal Triterpenoid Synthase Gene-Cycloartenol Synthase Is Involved in Downstream Withanolide Biosynthesis in *Withania somnifera*, Mishra S., Bansal S., Mishra B., Sangwan R.S., **Asha**, Jadaun J.S., Sangwan N.S., **PLoS One**, Volume 11 (2), e0149691, 2016 (Impact Factor 3.234)
3. Molecular Cloning and Biochemical Characterization of a Recombinant Sterol 3-O-Glucosyltransferase from *Gymnema sylvestre* catalyzing Biosynthesis of Steryl Glucosides, Tiwari, P.; Sangwan, R.S.; **Asha**; Mishra, B.N.; Sabir, F.; Sangwan, N.S., **BioMed Research International**, Volume 2014, Article ID 934351, 2014 (Impact Factor 2.706)

Proceedings

1. Title of Paper, All Authors (Surname First), Name of conference, Date & Year

Books

1. Authors, Title of book, Publisher, year

Total Number of Research Publications: 4