

## CURRICULUM- VITAE

### Dr. KRISHNA CHANDRA

M. Sc, Ph. D, USET

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### RESEARCH AREA OF INTEREST

Lichen taxonomy, Biodiversity, ecology, biodeterioration, lichenicolous fungi

### EDUCATIONAL QUALIFICATIONS

Ph.D. (2018) in botany from Kumaun University, Nainital.

**Thesis title:** Diversity and distribution of lichen diversity on some historical monuments and biodeterioration impact.

USET: (2015) Life science

M. Sc. (2012) First division in Botany.

### TEACHING EXPERIENCE

07 Years

### TRAINING PROGRAMS

01

### AWARDS

Best Paper Presentation I in 2024

### FELLOWSHIPS

**PROJECT ASSISTANT** from Sep. 2013 – Aug. 2016 DST (SERB) funded project entitled “Biodegradation of Uttarakhand Monuments via Lichens: Floristic Account, Decay Mechanism and Control Measures.”

**JRF** from Sep. 2016– Apr. 2017 DST funded project entitled Forest Resources and Plant Biodiversity.

### DETAILS OF PUBLICATIONS

#### 1) Paper published: 17

S No.	Paper	Name of Journal	UGC Journal Number	Impact Factor
01	K. Bisht, S. Upadhyay, <b>K. Chandra</b> , K. Chandra Sekar, V. Kumar & Y. Joshi (2023) Abundance, diversity and distribution patterns of macrolichens for Long-Term Environmental Monitoring (LTEM) in the Chaudans Valley of Kailash Sacred Landscape, India	SYDOWIA 75: 129-138	35297	1.41
02	<b>Chandra K.</b> , Joshi Y., Bajpai R. (2020) Lichen diversity and assessment of biodeterioration impact: a case study from Shiva temple Gyupani, Almora, Uttarakhand.	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS 7:612-620	46602	--
03	Upadhyay S. Bisht K. and <b>Chandra K.</b> (2020) Further additions to the plasticolous lichens of India.	NATIONAL ACADEMY SCIENCES LETTERS	44987	0.33
04	<b>Chandra K.</b> , Joshi Y., Upadhyay S. & Bisht K. (2019) Can <i>Rumex hastatus</i> D. Don. be used as a biocontrol agent for removing lichens colonizing monuments?: A case study from Kumaun Himalaya.	NATIONAL ACADEMY SCIENCES LETTERS 42: 369-373	44987	0.51

05	Joshi Y, Bisht K., Upadhyay S. and <b>Chandra K. (2018)</b> Three new records of lichens from India.	NELUMBO <b>60:</b> 90-94	In Care list	--
06	<b>Chandra K. &amp; Joshi Y. (2018)</b> Lichen diversity of Darma Valley, Uttarakhand.	GJEST <b>5:</b> 83-87		--
07	Bisht K, Joshi Y, Upadhyay S, <b>Chandra K (2018)</b> Assessment of climate change impact on recession of Adi Kailash Glacier in Pithoragarh district, Kumaun Himalaya: A lichenometric observation.	ENVIS Himalayan Ecology		
08	<b>Chandra K.</b> Upadhyay S., Bisht K. & Joshi Y. (2017) Diversity and distribution of lichenized fungi on some historical monuments of Kumaun Himalaya, Uttarakhand.	AUSTRIAN JOURNAL OF MYCOLOGY <b>26:</b> 1-15		--
09	Joshi Y, Bisht K., Upadhyay S. and <b>Chandra K. (2017)</b> Assessment of climate change impact on recession of Adi Kailash glacier Kumaun Himalaya : A lichenometric observation.	ENVIS BULLETIN HIMALAYAN ECOLOGY <b>25:</b> 24-27	19862	--
10	Joshi Y., Upadhyay S., Shukla S., Bisht K. <b>Chandra K. &amp; Tripathi M. (2016)</b> Sacred groves: Treasure house for macrolichen diversity in Kumaun Himalaya.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES <b>88:</b> 935-948	38612	<b>0.39</b>
11	<b>Chandra K.</b> Upadhyay S., Bisht K. & Joshi Y. (2016) First report of a fertile specimen of <i>Xanthoparmelia pseudocongensis</i> Hale from India	KAVAKA <b>47:</b> 143-144.	In Care list	--
12	Joshi Y., Upadhyay S., <b>Chandra K.</b> , Bisht K. And Falswal A. (2016) A new species of <i>Plectocarpion</i> (roccellaceae, lichenised ascomycetes) from India.	ACTA BOTANICA HUNGARICA <b>58:</b> 257-264.	377	--
13	Joshi Y, Falswal A, Tripathi M, Upadhyay S, Bisht A, <b>Chandra K.</b> , Bajpai R and Upreti DK (2016) One hundred and five species of lichenicolous biota from India: An updated checklist for the country.	MYCOSPHERE <b>7:</b> 268-294.	37164	<b>0.6</b>
14	Joshi Y, Upadhyay S, Tripathi M and <b>Chandra K (2015)</b> First report of lichenicolous fungus <i>Opegrapha phaeophysciae</i> from India.	KAVAKA <b>40:</b> 50-52.	In Care list	--
15	Joshi Y., Upadhyay S. & <b>Chandra K. (2014)</b> <i>Heterodermia upretii</i> , a new species from India (Physciaceae, Ascomycota).	PHYTOTAXA <b>175:</b> 117-120.	30917	<b>1.70</b>
16	Joshi Y., <b>Chandra K.</b> and Tripathi M. (2014) A new species of <i>Heterodermia</i> (Ascomycota, Physciaceae) from India, along with a new record and range extension of lichenized fungi in India.	PHYTOTAXA <b>170:</b> 49-52.	30917	<b>1.70</b>
17	Joshi, Y. Bhakuni, G., Bisht, D., Tripathi, M., <b>Chandra K.</b> and Rawal, R. S. (2014) Lichen Colonization on Nylon Net Houses in Surya-kunj Nature Interpretation site, Kosi-Katarmal, Almora (Uttarakhand).	CURRENT SCIENCE <b>106:</b> 673-675.	14405	<b>0.93</b>

## 2) Conferences / Seminar Attended

### 2a) Oral presentation

- 1) **Chandra K. (2024)** Lichen colonization on some monuments of Garhwal Himalaya. Presented in national conference on Himalayan ecosystem: Threats, Resilience and sustainable management on 26-27 February 2024 at Govt. PG College Nagnath Pokhari.
- 2) **Chandra K & Joshi, Y. (2017)** Lichen encroachment on historical monuments of Uttarakhand and their biodeterioration. Presented in Uttarakhand Council of Science and Technology 11<sup>th</sup> conference, on 2-4 March at Vigyan Dham, Jhajra, Dehradun, Uttarakhand, India.
- 3) **Chandra K & Joshi, Y. (2014)** *Lichen diversity on some monuments of Kumaun Himalaya - biodeterioration and conservation strategies*. Presented in Uttarakhand History and Culture Association 4<sup>th</sup> convention, on 21-22 March at Faculty of Visual Art, SSJ Campus, Almora, Uttarakhand, India.

- 4) **Chandra K & Joshi, Y. (2014)** *Societal impact in vanishing the sacredness and biodiversity of Kalpvriksha (A sacred tree) in Kumaun Himalaya*. Presented in National seminar on environmental economics and social sustainability, on 4-5 December at department of botany govt. PG College Dwarahat, Almora, Uttarakhand, India.

#### **2b) Poster Presentation**

- 5) **Chandra K & Joshi, Y. (2015)** *Diversity and distribution of lichenized fungi on some monuments of Kumaun Himalaya, Uttarakhand*. Presented in National conference on Cryptogam Research in India: Progress and Prospects, on 27-28 September 2015 organized by Indian Lichenological Society Lucknow and CSIR Lucknow.
- 6) **Chandra K & Joshi, Y. (2016)** *Diversity of plant communities colonizing historical monuments of Kumaun Himalaya Uttarakhand: A case study*. In 103<sup>rd</sup> Indian Science Congress at university of Mysore On 3-7 January.

#### **2c) Participation**

- 7) Science and education programme (2011) organized by LSM PG College Pithoragarh and catalyzed by UCOST, Dehradun and NASI on 28 February.
- 8) International seminar on importance of art and Inter-relationship with other subjects, organized at Faculty of visual Art (2013) at SSJ. Campus, Almora on 6-7 October.
- 9) Lecture series on environmental issues in Himalaya (2014) Organized by Department of Botany Kumaun University, SSJ. Campus, Almora on 26-27 April.