

# Curriculum-Vitae

## **Dr. PRIYANKA SHARMA**

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## **OBJECTIVE**

To achieve professional satisfaction and personal development through my dedication, in a rewarding environment that promotes career growth and enriches my experiences.

## **RESEARCH INTERESTS**

- Pteridology
- Biodiversity and Conservation
- Plant pathology
- Mycology
- Environmental sciences
- Biotechnology
- Taxonomy
- Ethnobotany
- Economic Botany

## **ACADEMIC QUALIFICATIONS**

- Ph.D. in Life Sciences (Botany) at University of Kota, Rajasthan, India in 2015.  
*Supervisor:* Dr. Nilima Bhardwaj  
*Thesis title:* "Investigations on population variability and experimental studies in some species of Heterosporous fern *Marsilea L.*"
- M.Sc. in Botany from University of Kota, Kota in 2009 (Aggregate 78.33%).
- B.Sc.(Bio) with subjects Zoology, Botany and Chemistry from University of Kota, Kota in 2007 (Aggregate 78.02%).

- 12<sup>th</sup> with Physics, Chemistry and Biology from C.B.S.E Board, Delhi in 2004 (Aggregate 65.8%).
- 10<sup>th</sup> in Science from C.B.S.E Board, Delhi in 2002 (Aggregate 67.8%).

## **PROFESSIONAL QUALIFICATIONS**

- B.Ed. (Science) from University of Kota, Kota in 2010 (Aggregate 76.8 %)

## **WORK EXPERIENCE**

- Five years experience of teaching CBSE students from Classes IX<sup>th</sup> to XII<sup>th</sup>, B.Sc. & M.Sc.
- 2 months teaching experience in Sophia School, Kota.
- 1 year teaching experience in Army School, Kota.
- 1 year teaching experience teaching in Kendriya vidhyalya No.1 Kota at the post of PGT(Biology)

## **TECHNICAL QUALIFICATIONS**

- Basic off-campus outreach certificate program, Indian Institute of Remote Sensing, ISRO, Department of Space, Government of India on “Remote sensing, Geographical Information system and Global Positioning System” conducted by Government college, Kota.

## **INSTRUMENTAL SKILLS**

- pH-meter.
- Spectrophotometer..
- Paper Chromatography.
- Laminar air flow(LAF)
- Cryostat Microtome
- Plant Tissue culture techniques.

## COMPUTER SKILLS

- Expert in computer (MS-office, Adobe Photoshop, Graphics, Basic Programming).

## ACHIEVEMENTS

- **University Gold Medalist** in M.Sc. Botany 2009 batch from University of Kota, Kota.
- **Shri Brijlal Mehta Gold medal** from Government college, Kota for securing highest marks in M.Sc. Botany, 2009.
- **Young scientist Award** in *International Science Congress Association* for Best Poster presentation.

## PUBLICATIONS

- **Priyanka Sharma** and Nilima Bhardwaj “*In-vitro studies of Marsilea populations of Hadauti plateau*” Proc.of National Conference on Biodiversity depletion: Causes, consequences and solutions 113-116 (2012)
- Lokesh Bagari, Mohsina Syedy, Gajendra P. Sharma , **Priyanka Sharma** , Preeti Soni, “*Isolation of crystal protein from Bacillus thuringiensis*”. **Int. J. Pure App. Biosci.** 1 (2): 44-47 (2013)
- **Priyanka Sharma** and Nilima Bhardwaj “*Assessment of genetic diversity among Marsilea populations of Hadoti Plateau as revealed by RAPD markers*” **Int. J. Pure App. Biosci.** 2(2): 44-47 (2014)
- **Priyanka Sharma** and Nilima Bhardwaj “*Impact of seasonal changes on the growth pattern of Marsilea populations in Hadauti Region*” 2013 : National Seminar on Pteridophyta: An Intriguing Flora, Environmental and Ethnobotanical significance, St.Aloysius College Mangalore, Karnataka, India,
- **Priyanka Sharma** and Nilima Bhardwaj “*Studies on Marsilea coromandelina complex population from borawas village of Kota, Rajasthan, (India)*” **Indian fern Journal**, 2015 (Accepted)

## CONFERENCES/SYMPOSIA

### Oral presentations

- Priyanka Sharma and Nilima Bhardwaj “*In-vitro studies of Marsilea populations of hadauti plateau*” presented in **National conference on biodiversity depletion: causes, consequences and solutions**, Department of Botany, M.L.V. Govt. College, Bhilwara, Rajasthan, India, 28-29 September, 2012.
- Priyanka Sharma and Nilima Bhardwaj “*Preliminary Survey on algal flora of some water bodies of Kota, Rajasthan*” presented in **XXIV All India Botanical conference**, Department of Botany, University of Lucknow, Lucknow, India, 10-12 October, 2011.
- Priyanka Sharma and Nilima Bhardwaj “*Studies on Marsilea coromandelina complex population from Borawas Village of Kota, Rajasthan*” in **National Conference on “Modern Approaches to Pteridophytes: Biology, Biodiversity, Bioresource”** organized at CSIR-Institute of Himalayan Bioresource Technology, Palampur, H.P., India during 20-21 December, 2014.

### Poster presentation

- Priyanka Sharma and Nilima Bhardwaj “*Ecomorphological variations in some populations of Heterosporous fern Marsilea*” presented in “**1<sup>st</sup> International Science Congress**” (ISC-2011) held at Maharaja Ranjit Singh College of Professional sciences, Indore, MP, India, 24-25 December, 2011.

### Attended

- **Training Programme on “Spoken English cum Employment Readiness Course”** organized by Rajasthan mission on Livelihoods (RMoL) at Government College, Kota, 18<sup>th</sup> August to 4<sup>th</sup> October, 2008.
- **Workshop on Maintenance of opto-analytical instruments**, held at J.D.B Government Girls P.G. College, Kota, 16-20 January, 2011.
- **International symposium on “Ferns and Fern allies: Diversity, Bioprospection and conservation”** organized by the Institute of Himalayan Bioresource Technology, CSIR Palampur, Himachal Pradesh, India, 10-12 November, 2010.
- **National Conference on “Global Environmental changes and Disaster Management for sustainable life on Earth”** held at Maharishi Arvind college of Engineering and technology, Kota, 21 October, 2013.

## PERSONAL DETAILS

Father's Name : Mr. Satish Chandra Sharma  
Mother's Name : Mrs. Geeta Sharma  
Husband's Name : Dr. Rajesh Kumar Sharma  
Gender : Female  
Date of birth : 17<sup>th</sup>, august, 1988  
Marital Status : Married  
Languages : English, Hindi

(Dr. Priyanka Sharma)