

## **Dr. Rakesh Kumar Dwivedi**

M.Sc., PhD (Botany), F.A.P.T.

NET-JRF (Life-Sciences)

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### **Education**

**2008 Ph.D. (Botany) - University of Lucknow**

**2002 M.Sc. (Botany) – University of Lucknow**

**1998 B.Sc. (Biology) – Mahatma Gandhi Chitrakoot Gramodaya University**

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### **Fellowships received:**

(i) C.S.I.R. NET-JRF. 2003-2005

(ii) C.S.I.R. NET-SRF. 2005-2008

### **Details of research experience-**

(i) **J.R.F.** (C.S.I.R.-NET) Feb.2003-Feb. 2005 (2 Years)

(ii) **S.R.F.** (C.S.I.R.- NET) March 2005-Feb. 2008. (3 Years)

(iii) **Research Associate**

Marine Biotechnology and Ecology Division,

Central Salt and Marine Chemicals Research Institute (C.S.I.R. Lab). Bhavnagar,

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### **Lists of Publications (Published/In press/Communicated):**

#### **Publications:**

1. Misra P.K., **Dwivedi R.K.**, and Shukla, C.P. 2006. Some freshwater desmids from Dist. Mandi, Himachal Pradesh. *Phytotaxonomy*. 6: 120-126 pp.

2. **Dwivedi, R.K.**, Shukla, S.K., Shukla C.P., Misra P.K., and Seth M.K. 2008. Cyanophycean algal flora of Southern Himachal Pradesh. *Ecoprint*. 15: 29-36 pp.

3. **Dwivedi, R.K.**, Shukla, C.P., Misra, P.K., Shukla, S.K., & Seth, M.K. 2009. On some freshwater desmids from Southern Himachal Pradesh of Indo-Western Himalaya.

*Feddes Repertorium*. 123: 3-4, pp. 236-249.

4. **Dwivedi, R.K.**, Misra, P.K., Shukla, C.P. & Tripathi S.K. 2008. On some Desmids from Southern Himachal Pradesh of Western Himalaya and its foothills.

*Phytotaxonomy*. 8: pg 83-86.

5. Misra P.K., Tripathi, S.K., Chauhan, R.S. & **Dwivedi, R.K.** 2008. Some freshwater Bacillariophycean algae from Yamuna river, Saharanpur, Western Uttar Pradesh, India. *Phytotaxonomy*. 8: pg. 87-90.

6. Misra, P.K., Tripathi, S.K., Prakash J. & **Dwivedi, R.K.** 2009. Some Chlorococcalean Algae from Western Uttar Pradesh. India. *Journal of Indian Botanical Society*. 88:(3-4) pg. 19-23.

7. Misra, P.K., Seth, M.K., Prakash Jai, Shukla, M. and **Dwivedi R.K.** 2009. Fresh water algae from Chandra Lake of District Lahaul and Spiti, Himachal Pradesh, India. *Indian Hydrobiology*. 12: (1) pg. 105-113.

8. Misra, P.K., **Dwivedi, R.K.**, and Srivastava, A.K. 2009. Some fresh water algae from Nalsar Lake of Mandi District, Himachal Pradesh. *In proceedings of symposium on Biology and Biodiversity of Microalgae*. Pg. 184-189.

9. **Dwivedi, R.K.**, Misra, P.K. 2011. On the occurrence of freshwater diatoms of Southern Himachal Pradesh, India –I. (Communicated).

10. **Dwivedi, R.K.**, Misra, P.K. 2011. On diversity of members of Surirellaceae (Diatoms) From Southern Himachal Pradesh, with some new records in India. (Accepted).

11. **Dwivedi, R.K.**. 2011. Loss of freshwater biodiversity by Blue-Green Algae and its management. (Accepted).

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**Conference/Symposia/Seminar attended/presented paper:**

(i) **National Children Science Congress**, 1998. Jaunpur, Uttar Pradesh.

(ii) **National Science Congress**. 2002. Lucknow University, Lucknow, Uttar Pradesh.

(iii) **National Symposium** on “Biology and Biodiversity of Fresh Water Algae” 2004. University of Madras, Chennai. Tamilnadu.

(iv) **International Conference** on “Biodiversity and Environmental Governance in Canada and India” 2010. Gurukul Kangari Vishwavidyalaya, Haridwar, Uttarakhand.

(v) **National Conference** on “Conservation of aquatic biodiversity, Development of cold water fisheries Fish biotechnology and emerging trends in freshwater

environments:” 2010. Govt. P.G. College, New Tehri, Uttarakhand.

(vi) **National Seminar** on “Environmental management and biodiversity conservation” 2011. Omkaranand Institute of Management and Technology, Rishikesh.

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Membership of Scientific and Professional bodies:

**1. Association of Plant Taxonomy (Life time member)**

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**Technical Expertise and Research Skills**

- (i) **Microscopy** - Handling of bright-field, dark-field, stereoscopic and inverted microscopes.
  - (ii) **Photography** - Digital imaging systems and microphotography.
  - (iii) **Culture Techniques** - Isolation, Screening, Identification and Maintenance of cultures of freshwater and marine algae.
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**Field Work Experience:**

Strong ability of extensive field work for survey and collection of plants in different habitats ranging from high altitudes without mountain-sickness to the sea coasts and islands without sea-sickness.

