



Deoraj Sharma,

M.Sc; B.Ed; Ph.D; F.S.L.Sc.

Assistant Professor,

**Area: Environmental Biotechnology,
Bioremediation, Plant Biotechnology,**

Affiliation:

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Year of Joining: September 2015

Education

Ph.D	Biotechnology	Berhampur University, 2013
M.Sc	Biotechnology	Pondicherry central University, 1995

Teaching Experience : 21 Year (UG&PG)

- ❖ Working as Assistant Professor of Biotechnology at **TRIDENT ACADEMY OF CREATIVE TECHNOLOGY, BHUBANESWAR** since September 2015.
- ❖ Worked as Head of the Dept. of Biotechnology at **TSR&TBK DEGREE AND PG COLLEGE**, Visakhapatnam, affiliated to Andhra University and Accredited by NAAC & Approved by UGC, from July 2003 to August 2015
- ❖ Worked as a Asst. Professor of Biotechnology at **NEWS DEGREE COLLEGE**, Visakhapatnam affiliated to Andhra University, from June 1999-2003..

Administrative experience:

- ❖ IQAC member from May 2008 to August 2015.
- ❖ Academic Head at TSR& TBK college from June 2006 to August 2015

Academic Achievement:

- ❖ **Received Fellowship Award from The Society of Life Sciences, Satna, M.P, in 2019.**
- ❖ **Honored as best teacher at TSR&TBK Degree and PG College, Visakhapatnam by Former Registrar and Controller of Examination of Andhra University in 2012.**
- ❖ **Received best teacher award from NSUI ,Vishakhapatnam in 2001 for effective teaching , best result and best academic career counseling at News Degree College , Vishakhapatnam.**
- ❖ **Received best teacher award from NIIT group in 2001 for providing effective teaching and best results at News Degree College, Vishakhapatnam.**

Research Experience: 4 years (parallel with teaching)

Industrial Experience: 4 Years

- ❖ **Worked as Technical Officer and Hatchery Manager at Vijaya Marines Products Ltd. Nakkapalli, Visakhapatnam, from May1995-1999.**

Training/ Workshop/Seminar:

- 1) Summer Training Programme at Banaras Hindu University, Culture of Ascochyta - rabies, Alternaria –alternate and estimation of proteins in culture filtrate & Mycelia mat. May18-July7, 1994**
- 2) Seminar attended on International database access and its applications from Feb13-15, 1995 at Pondicherry central University.**
- 3) Seminar attended on Horizons in Biotechnology on Mar17, 1995 at Pondicherry central University.**
- 4) Teacher Training program in Biotechnology attended at Andhra University from Oct-8-13 , 2007, Sponsored by Andhra Pradesh State Council of Higher Education, Hyderabad.**
- 5) National seminar attended on Industrialization induced environmental Crisis and its Cure on Dec 28 & 29, 2010 at Berhampur University .**
- 6) International Conference attended on Plant Science in Post Genomic Era on Feb 17 & 19, 2011 at Sambalpur University .**
- 7) National seminar attended on Ecology, Environment and Development on Jan 25 & 27, 2013 at Sambalpur University .**
- 8) Participated in National seminar on Recent Trends in Plant Sciences on Feb 26 & 27, 2015; at Andhra University, Andhra Pradesh.**
- 9) National Seminar attended on Plant Sciences and Human Welfare, on August 26 & 27, 2015 at MVR Degree and PG College, Vishakhapatnam, Andhra Pradesh**

Research Focus:

- ❖ Removal of mercury from the effluent by Cyano bacteria at Molecular level.
- ❖ Study of Mercury pollution and its impact on biodiversity.
- ❖ Impact of some selected chemicals on a few growth parameters of *Westiellopsis prolifica* (a cyanobacterium) and removal of mercury from the effluent of chlor-alkali industry

Publications:

1. A.K.panigrahi, Alaka sahu and **D.Sharma**. **Ecotoxicological effect of solid waste Extracton *Anabaena* sps.** Under laboratory controlled conditions, **SOUVENIR**, on NSIIECC-Dec28-29, 2010 by Berhampur University.
2. **Deoraj Sharma**, Alaka sahu & A.K.Panigrahi .**Toxicological effect of effluent of caustic chlorine industry on a BGA under controlled condition and its possible detoxification, Abstract on ICPSPGE-**, Feb 17-19,2011 by Sambalpur University.
3. Ajit K. Misra , A.Sahu , S.Kanwar , **D.Sharma & A.K.Panigrahi**. **Mercury pollution in and around a chlor-Alkali industry, SOUVENIR –CUM-ABSTRACT VOLUME on NASEED-Jan25-27, 2013** by Sambalpur University.
4. Ajit K.Misra , Alaka Sahu, Suryasmita Kanwar , **Deoraj Sharma & A.k.Panigrahi** .**Mercury pollution in and around a chlor-Alkali industry: A Review THE ECOSCAN (An International Quarterly journal of Environmental Sciences)**, Vol-III reference page; 349-366.
5. **D.Sharma** , Anuradha B.V.S , L.Nayak & A.K.Panigrahi. **Toxicological effects of the effluents of a chlor-alkali in industry on a Cyanobacterium & its ecological significance** : Souvenir & Abstract on Recent trends in plant sciences, Feb 26 & 27,2015, Andhra University, Andhra Pradesh.
6. B.V.S Anuradha , A.Uma , **Deoraj Sharma & A.K.Panigrahi** . **Impact of mercury contaminated effluent and reclamation of mercury contaminated environment by(a Cyanobacteria)**: Life Sciences Bulletin-A national Journal, June 2014, Vol II (1): 01-12. ISSN(print):09735453, ISSN(online) 2321-7952.
7. Anuradha B.V.S , **Deoraj Sharma & A.K.Panigrahi** . **Ecotoxicological effect of mercury content effluent on cyanobacteria and its significance**. Abstract on Plant Sciences and Human Welfare, August 26-27, 2015: MVR Degree and PG College, Vishakhapatnam, Andhra Pradesh.
8. **Deoraj Sharma**, Purna Chandra Mahapatra, Ashok kr. Panigrahi and Alka Sahu: Impact of mercury and its removal from contaminated environment by biological agents: International Journal of Multidisciplinary Research and Development. Volume. 3 issue 5. May 2016.page 179-183.
9. **Deoraj Sharma**, Madhusmita Panigrahi, Purna Chandra Mahapatra: Mercury

pollution and its effect on biodiversity. A text book on Ethno-Pharmacology, Biodiversity and Conservation.chapter-16, page 277. Published by Kunal Publishers , New Delhi, in 2019.

10. **D. Sharma**, M. K. Swain, P. C. Mahapatra, D. Dash, D. P. Pati: Assessment of Environmental Impacts by Mining Activities on Keonjhar district, Odisha: Souvenir cum abstract volume on environmental impact assessment and human health(EIAHH), Sept.28 and 29, 2016, Department Of Chemistry, Mohan Subudhi College(Accredited by NAAC), Baramba, Cuttack, Odisha.

Professional/ Academic Affiliation:

- ❖ Acted as an **Examiner, Question paper setter & Chief examiner for Biotechnology subjects** for Andhra University from 2005 – 2015.
- ❖ Acted as an **External Examiner** for Andhra University Degree & Postgraduate Biotechnology practical examinations 2005 – 2015.
- ❖ Guided 25 B.sc. and M.sc. Biotechnology Students for their Project/ dissertation.
- ❖ Actively involved in corporate relation for providing placement specifically for Biotechnology students.

Motivational Note:

Failure will never overtake you if your determination to succeed is strong enough.

Signature:

