

## BIODATA

1. Name: **Pradipta Kumar Mohapatra**
2. Designation: Professor
3. Place of Work: Department of Botany, Ravenshaw University  
Cuttack 753 003
4. Educational Qualification: M. Sc. Ph. D. (Botany) (Utkal Univ)  
Post Doc (Ecotoxicology)(Rostock Univ,  
Germany)
5. Academic distinctions  
UGC-CSIR NET qualified; Awarded with the Alexander von Humboldt Post Doctoral  
Research Fellowship (two years), Germany; AvH Visiting Scientist to Rostock University,  
Germany; UGC visiting fellowship to Sambalpur University.
6. Research Experience: 20 years
7. Teaching experience: 18 years
8. Research Projects Executed: 02
9. National and International Seminars and Symposia attended  
a) International: 06  
b) National: 21
10. Seminar/Symposia organized: 07
11. No of students awarded Ph. D.: 04
12. M. Phil. Supervision: 11
13. Publications of last five years

### a) Research articles

1. Mishra R.K., Upadhyay V.P., Bal S., **Mohapatra P.K.** and Mohanty R.C. (2006) Phenology of species of moist deciduous forest sites of Similipal biosphere reserve. *Lyonia*, 11: 5-17.
2. **Mohapatra P. K.** and Mahapatra K. (2007) Growth and nutrient removal by *Chlorella vulgaris* from influent wastewater of Vani Vihar lake, Bhubaneswar. Proc. Natl Symposium on Limnology, MPUAT, Udaipur, pp. 303-306.
3. Dash P. K., **Mohapatra P. K.**, Kar M., Dhal N. K. and Rout N. C. (2007) Bryoflora of Similipal Biosphere Reserve with special reference to liverworts and hornworts. *Similipal Biosphere Reserve*, 2: 32-37.
4. Mishra R. K., Bal S., **Mohapatra P. K.**, Mohanty R. C. and Upadhyay V. P. (2007) Turn over rate of forest floor litter and biodiversity aspects of Similipal Biosphere Reserve. In: Trivedi P. C. (ed) Biodiversity for Sustainable Development, Avishkhar Publ., Jaipur, pp. 163-179 (ISBN 978-81-7910-225-1)
5. Bardhan G., **Mohapatra P. K.** and Chaudhari S. K. (2008) Effect of fly ash leachate on pigment and protein content of *Anabaena doliolum*. *Indian J. Agric. Sci.*, 78: 476-478.
6. Sudeshna S. and **Mohapatra P. K.** (2008) Application of concentration addition model for prediction of toxicity of binary combination of pesticides to *Chlorella vulgaris*. *Plant Sci. Res.*, 30: 86-91.
7. Dash P. K., **Mohapatra P. K.** and Kar M. (2008) desmids diversity of Similipal Biosphere Reserve, Orissa, India. *Plant Sci. Res.*, 30: 70-74.
8. **Mohapatra P. K.** (2008) Qualitative and quantitative changes of surface water resources in response to global climate change. In: Kar M. and Mohapatra P. K. (eds) Prevention of Surface Water Pollution: Policies and Programmes. Utkal University, Bhubaneswar, India. Pp. 51-66.
9. Sahoo M., **Mohapatra P. K.** and Mohanty R. C. (2008) Role of nutrients on the toxicity of dimethoate to *Anabaena doliolum* grown in soil. In: Patra H. K. (ed) Abiotic Stress on Plants. Utkal University, Bhubaneswar, India. Pp. 107-116.
10. Mohanty A. K., Nayak N., **Mohapatra P. K.** and Mohanty R. C. (2009) Metabolic activities of the rice field microbial assemblage under insecticide stress: effect of

- fertilizer amendments. In. Patra H. K. (ed) Attenuation of Stress Impacts on Plants. Utkal University, Bhubaneswar, India. Pp. 72-82.
11. Poddar A., **Mohapatra P. K.** and Chand P. K. (2009) Nickel effects on seedling physiology of eggplant (*Solanum melangena* L.). In. Patra H. K. (ed) Attenuation of Stress Impacts on Plants. Utkal University, Bhubaneswar, India. Pp. 109-116.
  12. **Mohapatra P. K.** (2009) Microbes of thermophilic environments. In. Mishra B. B., Nanda D. R. and Dave S. R. (eds), Environmental Microbiology, APH Publ. Corp., New Delhi, pp. 207 – 226 (ISBN 978-81-313-0655-0).
  13. **Mohapatra P. K.** (2009) Opportunities and constraints for biofuel production from sugar mill wastes and non-edible fats. In. Mohapatra P. K. and Kar M. (eds) Recent Trends in Management of Industrial Waste, Utkal Univ. pp. 45-60.
  14. **Mohapatra P. K.** and Chhotaray D. (2009) Application of biowave technology for efficient treatment of industrial wastes. In. Mohapatra P. K. and Kar M. (eds) Recent Trends in Management of Industrial Waste, Utkal Univ. pp. 39-44
  15. Chhotaray D., Mohanty A. K., Acharya S. and **Mohapatra P. K.** (2009) Ecofriendly practices for pest management in agroecosystems. In. Mohanty A. K. (ed) Proc. Natl. Seminar on Novel Approaches for Agricultural Pest management. U. N. College, Soro, pp. 14-20.
  16. **Mohapatra P. K.**, Khillar R., Hansdah B. and Mohanty R. C. (2010) Photosynthetic and fluorescence responses of *Solanum melangena* L. to field application of dimethoate. Ecotoxicol. Environ. Safety. 73, 78 - 83.
  17. Swain S.S., Tripathy T., **Mohapatra P.K.** and Chand P.K. (2010) Photosynthetic and transpiration responses of *in vitro* regenerated *Solanum nigrum* L. plants to *ex vitro* adaptation. In Vitro. Cell. Dev. Bio. Plant, 46 (2), 134-141.
  18. Khillar R., Acharya S. and **Mohapatra P. K.** (2010) Development of tolerance of *Solanum melangena* L. to field application of dimethoate. Bull Environ. Contam Toxicol., (Published on line) DOI 101007/s00128-010-0036-7
- b) Popular Articles**
1. **Mohapatra P. K.** (2007) Learning from Chinese way of agriculture. Sabujima, 15: 82-84.
  2. **Mohapatra P. K.** (2009) Public participation in prevention of water pollution in urban areas. Sabujima, 17: 14-23.
  3. **Mohapatra P. K.** (2010) Social responsibility for the control of the obnoxious weed *Parthenium hysterofolius*. Sabujima, 18: 24-34.
- c) List of Books Published**
1. **Mohapatra P. K.** (2006) Textbook of Environmental Biotechnology, IK International, New Delhi, pp. 664. ISBN No. 81-88237-54-X
  2. **Mohapatra P. K.** (2008) Textbook of Environmental Microbiology, IK International Publishing House, New Delhi, pp. 534. ISBN No. 978-81-90656-67-2
  3. Kar M. and **Mohapatra P. K.** (eds) (2008) Prevention of Surface Water Pollution: Policies and Programmes, M. Sc. Env. Sc., Utkal University, Bhubaneswar, pp.97.
  4. Kar M. and **Mohapatra P. K.** (eds) (2009) Recent Trends in Management of Industrial Wastes, M. Sc. Env. Sc., Utkal University, Bhubaneswar, pp. 108
- d) Edited Journal**
1. Editor (since 2004) of the Annual magazine Sabujima published by Plant Lovers' Association, Bhubaneswar since 1991. ISSN No. 0972-8562

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