

BIODATA

Dr Namrata Das

M.Sc, M.phil. , Ph.D. PDF (Chemistry)

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EDUCATIONAL QUALIFICATION:

Name of the Examination	School / College	Name of the Board / University	Class/ Division
10 th	D.M High School, Srijang	B.S.E, Orissa	1st
+2	F.M.(A) College, Balasore	C.H.S.E, Orissa	1st
B. Sc. (Chem.)	F.M.(A) College, Balasore	F.M. (A)College, Balasore	1 st
M. Sc. (Phy. Chem)	Ravenshawa(A) College, Cuttack	Utkal University, Vanivihar	1st
M. Phil (Phy Chem)	Ravenshawa(A) College, Cuttack	Ravenshawa University, Cuttack	1st
PhD (Chem)	CSIR IMMT-Utkal University, Vanivihar	CSIR-IMMT, Utkal University, Vanivihar	
PDF(Chemistry)	CSIR- IMMT	CSIR - IMMT	
DCA	Ravenshawa(A) College, Cuttack	Ravenshawa(A) College, Cuttack	1st

BOOKS PUBLISHED

1. S. S. Baral, **Namrata Das**, Chemical composition of rainwater at a background level in east coast of India, Verlag Dr. Muller publisher, Germany, 2011.

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

1. **Namrata Das**, Saroj Sundar Baral, Parth Sarathi Mahapatra, Trupti Das , Gautam Roy Chaudhury , Surendra Nath Das. Trend in chemical composition of precipitation during

2005–2009 at a rural station of Bhubaneswar, eastern India. *Theoretical and Applied Climatology*. 2012. DOI 10.1007/s00704-012-0601-6.

2. Parth Sarathi Mahapatra, Sanak Ray , **Namrata Das**, Ayusman Mohanty , T. S. Ramulu , Trupti Das ,G. Roy Chaudhury , S. N. Das Urban air-quality assessment and source apportionment studies for Bhubaneswar, Odisha. *Theoretical and Applied Climatology*. 2012. DOI 10.1007/s00704-012-0732-9
3. **Namrata Das**, R. Das, S.N. Das, Y.V. Swamy , G. Roy Chaudhury, S.S. Baral, Comparative study of chemical composition of particulate matter between sea and remote location of eastern part of India, *Atmospheric Research*.99 (2011)337-343
4. **Namrata Das**, Ruby Das, Goutam Roy Chaudhury, SurendraNath Das. Chemical composition of precipitation at background level. *Journal of Atmospheric Research*,95 (2010) 108-113.
5. **Namrata Das**, S.S. Baral, S.K. Sahoo, R.K. Mohapatra,. S N. Das, G. Roy Chaudhury. Aerosols physical characteristics at Bhubaneswar. *Journal of Atmospheric Research*, 93 (2009) 897-901.
6. S. S. Baral, **Namrata Das**, T. S. Ramulu, S. K. Sahoo, S. N. Das, G. Roy Chaudhury, P. Rath. Removal of Cr(VI) by Thermally Activated Weed *Salvinia cucullata* in a Fixed-Bed Column, *J. Hazardous Materials*, 161 (2009) 1427-1435
7. S. S. Baral, **Namrata Das**, G. Roy. Chaudhury, S. N. Das. A preliminary study on the adsorptive removal of Cr(VI) using seaweed, *Hydrilla verticillata*, *J. Hazardous Materials*, 171 (2009) 358-369.
8. S. S. Baral, G. Surendran, **N. Das**, P.V. Rao, Statistical design of experiments for the Cr(VI) adsorption on weed *Salvinia cucullata II*, *Environment Engineering and Management*, (2012)
9. .Parth S. Mahapatra , Sipra Panda , **Namrata Das** ,Satyajit Rath , Trupti Das. Variation in black carbon mass concentration over an urban site in the eastern coastal plains of the Indian sub-continent. *Theor Appl Climatology*(2013).IF-1.9.DOI 10.1007/s00704-013-0984-z

RESEARCH AREAS OF INTEREST

- ❑ Environmental pollution (atmospheric precipitation,waste water treatment,greenhouse gases).
- ❑ Reaction kinetics
- ❑ Separation science

TECHNICAL KNOWLEDGE

- ❑ Physico-chemical analytical technique like wet chemical, ion chromatograph, gas chromatograph, Trace gas analyzer, GRIMM, Aethalometer, XRD, FTIR, XRF, SEM. and UV spectrophotometer.