

CURRICULUM VITAE

NAME: DR TIRTHANKAR MALICK

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PERSONAL SUMMERY

A committed senior faculty with over 15 years of experience at leading academic institution teaching students from various socio-economic backgrounds. Possessing excellent administrative, communication and written skills along with constructive and effective teaching methods that promote a stimulating learning environment. Currently looking for suitable teaching or research opportunities in universities or colleges.

EDUCATIONAL QUALIFICATION

DEGREE	BOARD/UNIVERSITY	YEAR	DIVISION
Ph.D	THE UNIVERSITY OF BURDWAN	2015	
M.Sc IN ENVIRONMENTAL SCIENCE	THE UNIVERSITY OF BURDWAN	2004	I (63.9%)
B.Sc (HONS.) IN PHYSIOLOGY	The University of Burdwan	2002	II (53.5%)

CAREER OBJECTIVE

Highly interested in environmental research, teaching & different types of developmental activities

CAREER HISTORY

- State Aided College Teacher, Category-I (acting HOD) in Netaji Mahavidyalaya, Aarambagh, Hooghly, West Bengal for B.Sc (H & G) Environmental Science since august 2005
- Part time counselor in Netaji Subhas Open University since 2007
- Part time counselor in IGNOU since 2014

SPECIALISATION

Environmental Biotechnology & Toxicology

Computer Skill

MS- Office and internet surfing

LANGUAGES KNOWN

ENGLISH & BENGALI

PAPER PRESENTED AND PUBLISHED

Detailed in Annexure-I

PROFESSIONAL EXPERIENCE

Teaching

- Ability to maintain high standards of achievement, behavior, discipline and punctuality amongst students
- Knowledge of health and safety issues.
- Aware of all current Equality and Diversity legislation.

Research

- Specialized on Industrial **Waste Water treatment by advanced oxidation process**. I am well versed in analysis of physico-chemical and biological parameter of water and waste water treatment process like **photo-oxidation, Fenton's oxidation etc.**
- Experienced in working with **spectrophotometer, flame photometer, muffle furnace, COD reactor, ion selective electrode, photo reactor etc.**
- Doctoral thesis entailed-**"Application of Photo –Fenton's oxidation and biological treatment for the degradation of some selected pollutants present in petro-chemical and coke-oven wastewater"**

PROGRAMME ATTENDED

1. 3rd International Conference on **Mother Earth-III**, organized by: Dept. of Env.Sc, The University of Burdwan, Jan 11to 13, 2018
2. **2nd Regional Science and Technology Congress (Western Region), 2017**, organized by: The University of Burdwan and Dept. of Higher Education, Science and Technology and Biotechnology, Govt. of West Bengal.
3. Two day National Seminar on **"Environmental Hazards of E-waste"** organised by Mallabhum Institute of Technology, March 17 to 18, 2016
4. UGC sponsored National Seminar on **"The Biggest Challenge of Green Chemistry: To use its rule in practice"** organized by: Dept. of Chemistry, AKPC Mahavidyalaya, in collaboration with Dept. of Env.Sc, The University of Burdwan, 8th & 9th October, 2015.
5. One - Day Workshop on **UG Syllabus of Environmental Science (Hons.)**, organized by: Dept. of Env.Sc, The University of Burdwan, March 30, 2015.
6. National conference on **'Environment: Pollution and Protection (EPP 2014)'** organised by National Institute of Technology Durgapur, Durgapur, Jan 30 to 1Feb, 2014.
7. International conference on **Mother Earth-II**, organized by: Dept. of Env.Sc, The University of Burdwan-Dec 10 to 12, 2014
8. 1st Summer school on **"Recent advance in research: theory & practical"** on 5th to 25th sep, 2013 Organised by UGC- ASC, The University of Burdwan.
9. **Acted as convener organizing committee** in UGC sponsored national seminar on

“conservation of blue carbon sink: an approach towards safe environment” on April 11th & 12th, 2012, Organised by Netaji Mahavidyalaya, Arambagh, Hooghly in collaboration with Dept. Of Environmental Science, The University of Burdwan.

10. UGC sponsored national seminar on **‘History of Physics’** Organised by Dept. of Physics, Netaji Mahavidyalaya, Arambagh in collaboration with Dept. Of Physics, University of Calcutta, on Jan 6th & 7th, 2012,
11. International conference on **Mother Earth- save it for future generation-2010** , Dept. of Environmental Science, Burdwan University , Burdwan, Feb 13 to 15, 2010
12. MHRD & AICTE sponsored 15 day winter school on **“Waste management, effluent treatment and recycling”** from 19th to 31 Jan. 09. In NIT, Durgapur, West Bengal
13. 16th West Bengal science and technology congress, Burdwan University , Burdwan, Feb 28th to 1st Mar 2009.
14. One week workshop on **“Environment management-testing and monitoring”** Organized by NIT, Durgapur, 7th -11th April 2008
15. 3rd Indian Environment Congress, 16-18 Dec 2004, Trivandram, Kerala

REFERENCES:

Prof. A.R. Ghosh
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Dr. R.N. Saha
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PERSONAL INFORMATION

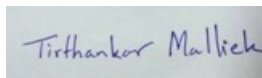
Fathers Name: Mr. Ram Narayan Mallick
Date of Birth -- 24.12.1981

EXTRACURRICULAR ACTIVITY:

NCC A certificate passed in the year 1995
First Aid training passed from Indian Red Cross Society in the year 1996

DECLARATION

Above stated information are true to best of my knowledge.



(TIRTHANKAR MALLICK)

DETAILS OF PUBLISHED RESEARCH PAPERS:

1. Study of Physicochemical Properties of Soap Industry Effluents of Joypur, Bankura, WB, India
Tirthankar Mallick¹, Apurba Koley, International Conference on Mother Earth-III, organized by: Dept. of Env.Sc, The University of Burdwan-Jan 2018 (Abstract Published).
2. Degradation Of Phenol From Wastewater by Advanced Oxidation Process , Tirthankar Mallick* and Rajnarayan Saha, The Ecoscan, 8(3&4): 363-366, 2014.
3. Degradation of Thiocyanate from Wastewater by Advanced Oxidation Process, Tirthankar Mallicka, Rajnarayan Saha*b and Srimanta Guptaa, 'Environment: Pollution and Protection (EPP 2014)' organised by National Institute of Technology Durgapur, Durgapur. Proceedings of 'Environment: Pollution and Protection', 47-53.
4. Application of Advanced Oxidation Process (Aop) for the Pre-Treatment of Hospital Wastewater with a Case Study on Arambagh Sub Divisional Hospital Wastewater, Hooghly, West Bengal, India, Harjeet Kaur, Srimanta Gupta and Tirthankar Mallick, International Journal of Science, Environment and Technology, Vol. 3, No 3, 2014, 981 – 987
5. Effect of catalyst concentration in Fenton's oxidation for the removal of COD from industrial wastewater, Tirthankar Mallick, Rajnarayan Saha and Srimanta Gupta, International conference on Mother Earth-II, organized by: Dept. of Env.Sc, The University of Burdwan-Dec2014 (Abstract Published).
6. Fenton's and photo oxidation treatment of wastewater containing high cod and phenol (abstract)
R.N Saha, T.mallick and B.das Published in proceedings – 16th West Bengal science and technology congress, Burdwan University , Burdwan, 2009, Pp -189
7. Advanced oxidation process can degrade phenol from high strength wastewater.(abstract published), T.Mallick, R.N Saha and B.Das published in proceedings – international conference on mother earth- save it for future generation-2010 , Dept. of Environmental Science, Burdwan University , Burdwan, 2010
8. Impact of open cast mining on the soil and plant communities of Sonapur Bazari open cast coal mine area, West Bengal, India. Mallick.T, Gupta.S, *et.al.* Published in proceedings- vistas in Geological researchs, geo science education and mineral development. P.G. Dept. of Geology, Utkal University, 2006, Pp-194-198.
9. Assessment of Physico-chemical and Biological characteristics of ground water in Burdwan municipal area, Burdwan, West Bengal. Mallick.T, Saha.R.N, Datta. J.K, Gupta.S, Mondal.N.K; Published in proceedings-Indian Environment Congress, 16-18 Dec2004, Trivandram, Kerala, p.p-252-256
10. Awareness and Attitudes on Household Solid Waste Generation and Disposal at Rural Area of Hooghly District, West Bengal, India – An Environmental Overview. Manik Pal , Tirthankar Mallick , Pradip Chakraborty, **IRJMST** Vol 6 Issue 6 [Year 2015] **ISSN** 2250 – 1959 (Online) 2348 – 9367 (Print)