

DR. KOUSHIK DUTTA

State Aided College Teacher (SACT. Category-I)

MBA (Tourism), M.Sc. (Environment Science), M.Phil., Ph.D.

Email: koushikdutta@tdbcollege.ac.in

» **Overview:**

Dr. Koushik Dutta is an academician having ten (10) years of teaching experience in the current organisation. He is a nature lover and an environmentalist. His area of research includes (but not limited to) limnology, bioremediation, pedology, ecotoxicology, sustainable development, ecotourism, pollution (water, soil & air) monitoring and control, waste management etc. He has authored many research papers and articles to his credit and also is an editorial board member of many journals of national and international repute. He has received several national and international awards and also an active member of many scientific organisations. He has presented many research papers in several national and international seminars, conferences, symposiums etc.

» **Date of appointment to the present job:**

28/11/2013

» **Other Academic/ Administrative post:**

- Member of NAAC Criterion III of AQAR and College Environmental Committee of NAAC Green Audit Team

» **Academic background:**

Dr Koushik Dutta passed secondary and higher secondary examination with first division under W.B.B.S.E. and W.B.C.H.S.E. respectively from Andal high school, Andal, W.B. He graduated from Trivenidevi Bhalotia College of Raniganj, W.B., (affiliated to The University of Burdwan) with honours in Zoology in second class. Thereafter he completed M.B.A. (Tourism) from the Department of Business Administration of The University of Burdwan and obtained first class. Then he completed M.Sc. and M.Phil. in Environmental Science from the Department of Environmental Science of The University of Burdwan and also achieved second position in M.Phil. examination. Moreover, he completed Ph.D. in Environmental Science from the Department of Environmental Science of The University of Burdwan in 2014.

» **Information about Ph. D./ M.Phil.:**

» **M.Phil.:**

- **Date of Award:** 03-03-2011
- **Title of Thesis:** *Chromite mining: A threat to the aquatic environment of Sukinda valley region in Orissa.*

» **Ph.D.:**

- **Date of Award:** 11-02-2014
- **Title of Thesis:** *Impact of chromite contamination in the ground water, surface water, and bottom sediment of Damsal nala of Sukinda valley region in Odisha.*

» **Professional Qualifications:**

- M.B.A. (Tourism)

» **Publications in Journals:**

1. Dutta K. & Ghosh A.R. (2012). Comparative study of physicochemical parameters and heavy metals of some groundwater sources from Sukinda Valley Region in Odisha. *The Ecoscan*. Volume 1, pp. 155-160.
2. Dutta K. & Ghosh A.R. (2013). Limnological status and bioconcentration of some heavy metals in Damsal nala of Sukinda Valley Region in Odisha and consequent histopathological lesions observed in liver and kidney of air-breathing fish *Channa sp.* *The Ecoscan*. Volume 3, pp. 191-197.
3. Dutta K. & Ghosh A.R. (2013). Comparative study on limnological parameters and bioconcentrations of heavy metals in an air-breathing carnivorous teleostean fish, *Gaducia sp.* of the upstream and downstream regions of Damsalnala in Sukinda Valley Region, Odisha. *International Journal of Environmental Sciences*. Volume 3, Issue 6, pp. 1831-1840.
4. Dutta K. & Ghosh A.R. (2013). Analysis of physico-chemical characteristics and metals in water sources of chromite mining in Sukinda Valley, Odisha, India. *Journal of Environmental Biology*. Volume 34, Issue 3, pp. 783-788.
5. Dutta K. (2015). Human Tide: An Environmentally Induced Migration. *Research Journal of Recent Sciences*. Volume 4, pp. 22-24.
6. Dutta K. (2015). Chromite Mining: Disbalancing the Aquatic Environment of Sukinda Valley. *Research Journal of Recent Sciences*. Volume 4, pp. 80-93.
7. Dutta K. (2015). Chromite Mining: Poisoning the Environment of Sukinda Valley – A Critical Review. *Minenvis Newsletter*. Volume 87, Issue 4, pp. 01-03.
8. Dutta K. & Ghosh A.R. (2016). Comparative Study on Bioaccumulation and Translocation of Heavy Metals in some Native Plant Species along the Bank of Chromite Contaminated Damsal Nala of Sukinda Valley, Odisha, India. *International Research Journal of Biological Sciences*. Volume 5, Issue 7, pp. 32-52.
9. Dutta K. & Ghosh A.R. (2016). Comparative Study on Phytoplankton Distribution and Bioaccumulation of Heavy Metals in *Microspora sp.* of Chromite Contaminated Damsal Nala of Sukinda Valley, Odisha, India. *Research Journal of Chemical Sciences*. Volume 6, Issue 9, pp. 27-35.
10. Dutta K. (2017). Environmental Panorama of Sukinda Valley – a critical study. *International Research Journal of Earth Sciences*. Volume 5, Issue 11, pp. 34-37.
11. Dutta K. (2018). Assessment of environmental, health and socio-economic status of a village of Purba Bardhaman, West Bengal, India – A Pilot Study. *Research Journal of Agriculture and Forestry Sciences*. Volume 6, Issue 5, pp. 1-6.
12. Dutta K. (2021). Study on source inventory and assessment of air pollution load of Patna, Bihar, India – A Case Study. *International Research Journal of Environmental Sciences*. Volume 10, Issue 1, pp. 86-88.
13. Dutta K. 2022. Ecosystem disintegration: An intimidation to the very subsistence of mother earth. *International Research Journal of Environmental Sciences*, 11(3): 41-44, ISSN: 2319-1414.

» **Books and Chapters:**

• **Books:**

N. A.

- **Chapters:**

1. Dutta K. & Ghosh A. R. (2011). Physicochemical analysis of waste water coming from different chromite mines in Sukinda Valley Region, Odisha and its management. Sustainable Waste Management. pp. 355-358.
2. Dutta K. (2012). Tourism Vis-à-vis Safe Environment. Changing Society, Culture and Its Impacts on People. pp. 39-45.
3. Dutta K. (2015). Impact of Mining on Environment: An Overview. Challenges and Opportunities for Management of Water Supplies in Rural Areas. pp. 161-163
4. Dutta K. (2017). Role of Women in Maintaining Environmental Sustainability. Women Empowerment: Challenges and Strategies. pp. 174-180.
5. Dutta K. & Ghosh A.R. (2018). Contamination and Bioaccumulation of Heavy Metals in Water, Bottom Sediment and Two Teleostean Fish Species of Sukinda Valley, Odisha, India. Environica. Volume 2, pp. 268-286.

- » **Seminars, Conferences, Webinars and workshops attended:**

- Seminars/ Conferences/ Workshops: 05
- Webinar: 00

- » **Life Membership:**

- Life member of ISCA (Indian Science Congress Association), Kolkata, W.B., India
- Fellow Life member of ISCA (International Science Community Association), Indore, M.P., India

- » **Awards/ Academic Achievements:**

- Received 'Young Scientist' Award in the International Conference entitled "Mother Earth: Save it for future generations" organized by Department of Environmental Science of The University of Burdwan during February 13-15, 2010. (Web link: https://drive.google.com/file/d/1xqsmV1b96wq4Gw5-xD_1TyGsGTE23PSR/view?usp=sharing)
- Received 'Outstanding Paper Award' in 1 st RSTC-2016 (Bardhaman Division, W. B.) organized by DST, Govt. of W. B. & Bankura Christian College, Bankura during November 7-8, 2016. (Web link: <https://drive.google.com/file/d/1roJQ2g-UGmL8QYcxYBX0WIKLtzN3rbX/view?usp=sharing>)
- Received 'Best Pollution Monitor: Air and Water Pollution Award' under Green Skill Development Programme (GSDP) of the Ministry of Environment, Forest, and Climate Change, Government of India, New Delhi, organised by ADRI (Asian Development Research Institute), Patna in July-August, 2018. (Web link: <https://drive.google.com/file/d/1EZEFMAYeSkA4xnOK0yFQGpLjtgAbgVI5/view?usp=sharing>)

- » **Professional Courses:**

- **Orientation Programme/FIP/FDP:** 00
- **Refresher Course:** 00
- **Short Term Course:** 00

- » **Others/ Miscellaneous:**

N. A.