

DINABANDHU MAHAVIDYALAYA, BONGAON

Teacher's Profile

Name: **Mr. Dipak Kumar Saha**

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Photo:



Designation: **Assistant Professor**

Department: **CHEMISTRY**

Specialization: **INORGANIC CHEMISTRY**

Education Qualifications: **M.Sc., B.Ed.**

Academic Career:

Date of Joining: **01. 07. 2008**

Teaching Experience: **15 YEARS**

Subject/ Course taught: **INORGANIC CHEMISTRY**

Research Interests: Mutual interaction of different atmospheric parameters with ozone and its consequent effect.

Project Undertaken: NIL

Award and Scholarship: NIL

Membership: **Indian Chemical Society (Life member)**

List of Publications:

1. Effect of cloud on atmospheric ozone formation over Kolkata ($22^{\circ}34'N, 88^{\circ}24'E$), India, P. K. Jana, **D.K. Saha**, S.K. Midya, Indian Journal of Physics, Volume 84 (4), 2010, P 367-375.
2. Effect of cloud occurrences on tropospheric ozone formation over Alipore ($22.52^{\circ}N, 88.33^{\circ}E$), India. P. K. Jana, **D.K. Saha**, D.Sarkar, S.K. Midya, Journal of Earth system Science, Volume 121 (3), 2012, P 711-722.
3. Yearly variation and annual cycle of total column ozone over New Delhi ($29^{\circ}N, 77^{\circ}E$), India and Halley Bay ($76^{\circ}S, 27^{\circ}W$), British Antarctic Survey Station and its effect on night airglow intensity of OH(8, 3) for the period 1979–2005. P K Jana, **D K Saha** & D Sarkar, Journal of Earth System Science, volume 121, (6), 2012, P1527–1541.
4. Contribution of some ozone depleting substances (ODS) and greenhouse gases (GHGs) on total column ozone growth at Srinagar ($34^{\circ}N, 74.8^{\circ}E$), India. P K Jana, **D K Saha** & D Sarkar, Journal of Earth System Science, volume 122, (1), February 2013, P 239-252.
5. An investigation into the depletion of ozone at an Antarctic station and its relation with relative sunspot numbers. Dipak Kumar Saha, International Journal of Research and Analytical Reviews, Volume 6, Issue 3, September 2019, P 550-556.
6. Stratospheric ozone depletion, Ultraviolet Radiation and their effect on environment: A review. Dipak Kumar Saha, Asian journal of Organic and Medicinal Chemistry, Vol. 7 No. 2 (April – June, Issue V), 2022, P 822-827.

Conference Presentations:

1. Relation between low level cloud occurrence and atmospheric ozone formation. Poster, National Seminar organized by Department of Chemistry, Dhruva Chand Halder College in collaboration with Netaji Subhas Engineering College, 22nd & 23rd November, 2016.
2. Different atmospheric parameters influence the tropospheric ozone column over Alipore. Poster, International Seminar organized by Department of Chemistry, The Bhawanipur education Society college, 4th November, 2019.

3. Contribution of some green house gases (GHGs) on total column ozone growth. Poster, International Webinar organized by Department of Chemistry, Prabhat Kumar college, Contai in collaboration with Indian Chemical Society, 29th & 30th June, 2020.