

Curriculum Vitae

Dr. Nilotpal Kumar Brahma

Associate Professor

Chemistry

Nowgong College (Autonomous)

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Education:

Ph.D (2014) from Gauhati University

Thesis Title: Hydro-Geochemical Study of Floodplain Wetland: A Case Study with Rupahi Beel (Borghat), Nagaon, Assam

M.Phil (2008)from Madurai Kamaraj University, Tamil Nadu

Dissertation Title: A Study of Limnochemical Behaviour of Samaguri Beel at Nagaon, Assam

M.Sc (Organic Chemistry) (1997) from NEHU, Shillong

B.Sc (1995) from St.Anthony's College, Shillong

Courses taught

- Organic Chemistry for M. Sc. (Semester I-IV), B, Sc. (Semester I-VI, Honours and Generic courses)
- Medicinal Chemistry (M. Sc. Semester IV)

Services provided to students and the home institution

- Head, Department of Chemistry (2022-2024)
- Member, Board of studies, Department of Chemistry
- In-charge, Library, Department of Chemistry (2002-2006)
- Member, Departmental PG committee (2013 onwards)
- AOC, Examinations for several times.
- In-charge Games & Sports, Nowgong College Student Union (2003-2008)

Publication:

- i) Bharat B Buragohain , Farishta Yasmin and Nilotpal K Brahma, Epipelic Algal Flora of Samaguri Lake of India: A Systematic Approach on Algae – II, Annals of Biological Research, 2012, 3 (10):4808-4819 ISSN 0976-1233
- ii) N. K. Brahma and A. K. Misra, 'Study of heavy metals content in water, water hyacinth and soil of RupahiBeel, Nagaon, Assam (India)' Archives of Applied Science Research, 2014, 6 (5):7-11 ISSN 0975-508X
- iii) Brahma N.K, Misra A.K, 'Assessment of soil quality of RupahiBeel, Nagaon district, Assam, India with respect to the seasonal variation: A case study, INTERNATIONAL

- iv) Nilotpalkumar brahma* and Abanikumarmisraa, ‘Assesment of surface water quality during monsoon and post- monsoon season of rupahibeel of nagaon district, assam, india’ Int. J. Chem. Sci.: 10(2), 2012, 1056-1066, ISSN 0972-768X
- v) N. K. Brahma and A. K. Misra1, ‘Study of trace metals content in some commercial fishes caught from RupahiBeel, Nagaon, Assam (India)’ Annals of Biological Research, 2015, 6 (4):37-42, ISSN 0976-1233.

Books Authored:

1. Chemistry for Degree students, Semester I, (Generic Elective), Assam Book Depot, 2019,
ISBN 978-93-87797-49-9

Workshop attended:

- MHRD sponsored two days’ workshop on “I.C.T. in Management of Education” organized by TLC, Tezpur University in collaboration with Nowgong College, May 22 & 30, 2019.
- National workshop on Rashtriya Ucchatar Shiksha Abhijan: A Paradigm Shift for Quality Education and Financing Higher Education, Nowgong College & Assam College Teachers’ Association, May 10, 2014.
- Acted as Resource person in two days’ Workshop on Soil & Water Analysis organized by Institutional Level Biotech Hub, Nowgong College
- One day workshop on Academic Performance Indicator organized by Nagaon-Morigaon Zone, ACTA & Teachers’ Council, A.D.P. College o, 27th April, 2012
- One day State-Level Workshop on Soft Skills in Practice organized by Nowgong College Women’s Cell, 29th June, 2016
- One day workshop on Choice Based Credit System for Undergraduate Level Organized by ACTA, Nagaon-Morigaon Zone in collaboration with IQAC, Nowgong College, 20th May, 2019
- One day workshop on Role of Colleges in Mitigation of Arsenic and Fluoride Problem in Assam: A Unicef Assam Initiative organized by Tezpur University, 24th February, 2020
- One day State-Level Workshop on Draft National Education Policy-2019 organized by IQAC, Nowgong College, 18th July, 2019
- 20th CRSI National Symposium in Chemistry organized by Department of Chemistry, Gauhati University, 3rd to 5th February, 2017

Seminar attended:

- ICSSR Sponsored National Seminar on “Co-production of Science & Social Order: A Social Science Perspective on Fifts of Science to Society for Overall Development”, organized by Nowgong College, 17th & 18th, august, 2018
- National Conference on Hydrology and Water Quality Management organized by Morigaon College, Morigaon, 20th to 22nd September, 2012

- UGC Sponsored National Seminar on Current Issues of Conservation and Wise Use of Wetlands in North Eastern Region of India organized by Dhing College, 3rd and 4th February, 2012
- UGC Sponsored National Seminar on Conservation and Utilization of Resources in North-East India organized by Deptt. of Geography, Nowgong College, 10th & 11th January, 2011
- UGC Sponsored National Seminar on Green Chemistry for Sustainable Future of Humanity organized by Deptt. of Chemistry, A.D.P. College, 19th & 20th October, 2008
- UGC Sponsored National Seminar on Green Chemistry & Micro-Scale Chemistry organized by Deptt. of Chemistry, Nowgong College, 27th & 28th March, 2005

Membership and activities in professional associations

- Life member, Assam Science Society, Assam, India
- Life member, Assam college Teachers' Association, Assam
- Life member, Association of Chemistry Teachers
- Life member, Ellora Viyan Mancha, Assam

Community service:

- Acted as Resource Person on “ 24th National Children’s Science Congress, 2016” organized by District Organising Committee, Nagaon District and Assam Science Technology and Environment Council (ASTEC), 21st September, 2016
- Acted as Judge in District Level Science Based Model Competition organized by Aryabhatta Science Centre, Nagaon District
- Acted as Resource Person in the two days Training for the Demonstrator of H.S. Schools held in Nowgong College organized by Assam Higher Secondary Education Council, Bamunimaidam, Guwahati, 13th & 14th July, 2007

