

Dr. Anup Malakar
E-mail: anupmalakar3@gmail.com, anup.malakar@rgi.edu.in
Mobile: 9706129693



Education:

Level	College/ University	Year of Passing	Subjects	Division/Class	Marks %/CPI
Ph. D	Gauhati University	2022	Chemistry		
M. Sc	Indian Institute of Technology Guwahati	2006	Chemistry	1st Division	7.91/ 10
B. Sc	Science College Dibrugarh University, Assam	2004	Chemistry(Hons),	1st Class, 5th in the University	69.6%
H.S.	J.B.College, Assam, India	2001	Science	1st Division	64.2%
H.S.L.C	Jorhat Govt Boy's Higer Secondary School, Assam, India	1999		1st Division	81.2%

PhD Thesis:

Thesis Title:Development of Effective Catalysts for Advanced Oxidation Processes for the Removal of Pollutants

Supervisor: Dr. Monideepa Chakraborty, Assam Engineering College.

Co-supervisor: Prof. Birinchi Kr. Das, Gauhati University

Languages known: Assamese, English, Hindi

Technical skills:

Operating Systems: Windows, Linux.

Softwares Familiar: MS-Office, Microsoft Excel, power point, ChemBioDraw, ISIS draw, Origin.

Research Interest:Multi-step Inorganic Synthesis, Catalysis, Nano Chemistry, Material Chemistry

Research skills:

1. Skill in crystallization of inorganic compounds and thereby carrying out single crystal X-ray diffraction and then solving and refining structures.
2. Skill in drawing nice pictorial figures of molecules by using crystallographic programs as ORTEP, Mercury, Diamond, Pluton etc.
3. Skill in handling instruments as Infra-red spectrometer, UV-vis spectrometer, Thermogravimetric analyzer, Powder X-ray diffractometer, GC etc.
4. Skill on Cambridge Structural Database (CSD) analysis.

Teaching Experience:

1. 10 Months (01.08.2010 to 30.06.2011)

PGT teacher of chemistry in Modern English School, (CBSE affiliated), Kahilipara, Guwahati.

2. 12 Years (July 2011 to Till date)

Institution: Royal Global University, Guwahati

Designation: Assistant Professor

Responsibilities: Teaching Chemistry to UG (B. Sc. & B. Tech.) and PG (M. Sc.) students.
Handling lab for both UG and PG students. Guidance of project work for the PG students.

Administrative Experience

1. Examination Superintendent of Royal Global University (November, 2018 to October, 2021)
2. Examination In-charge of Royal School of Engineering and Technology for conduction of examination under ASTU (2017-2018).
3. Member of IQAC, Royal Global University
4. Member of NAAC Steering Committee, Royal Global University.

Research Experience:

1. Senior research fellow in Center for Environment Science and Engineering, IIT Bombay.
2. Junior Research Fellow at Department of Chemistry, IIT Bombay.

Research Paper Published in Journals:

1. Nirupamjit Sarmah, Sukanya Baruah, **Anup Malakar**, Monideepa Chakraborty, Bhabatosh Banik, Birinchi K. Das* "Synthesis, Characterization and Antimicrobial Properties of $[\text{Cu}_2(\mu\text{-O}_2\text{CC}_9\text{H}_{19})(4\text{-CNpy})]$ ", Asian Journal of Chemistry; Vol.33, No.2(2021), 453-458.
2. **Malakar, A.**; Talukdar, A.; Das, B. K.; Sarmah, N.; Chakraborty, M. Photocatalytic Degradation of Acid Orange 7 and Xylenol Orange Dyes via Advanced Oxidation Process Catalysed by Metal(II) Isonicotinate, Indian J. Environ. Protection, 42, 399-407.

Presentations in Seminars/Conferences:

1. National Conference on Applied Sciences, Sustainable & Evolving Technologies (ASSET-2018), 9-11 March 2018, CIT, Kokrajhar.
2. International Conference on Emerging Trends in Chemical Sciences(ETCS-2020), 13-15 February, Department of Chemistry, Gauhati University, Guwahati.

Trainings & Short Term Course Attended:

1. Faculty Development Programme on "Testing & Quality Control of Plastic Product" at Central Institute of Plastics Engineering & Technology (CIPET), Guwahati from 10/3/2014 to 21/3/2014.
2. Faculty Development Programme on "Entrepreneurship: A journey to the concept" at Royal Group of Institution, Guwahati from 16/2/2015 to 27/2/2015.
3. Faculty Development Programme on "Recent Advances in Materials Science" organized by Department of Chemistry, Amity Institute of Applied Sciences, Amity University, Kolkata from 8/7/2020 to 12/7/2020.
4. Department Lecture series titled "The rechargeable world with Li-ion Batteries (LIBs)" organized by Department of Chemistry, SRM University, Andhra Pradesh held on 14th July 2020.
5. Department Lecture series titled "Molecular Docking and Repurposing of Drug molecules for SARS-CoV-2" organized by Department of Chemistry, SRM University, Andhra Pradesh held on 21st July 2020.

6. Department Lecture series titled “Optoelectronic Properties of perovskite Semiconductor Nanocrystals” organized by Department of Chemistry, SRM University –AP, Andhra Pradesh held on 7th July 2020.
8. Faculty Development Programme on “Recent Trends in Material Frontiers: Chemical and Biological Aspects” organized by Amity Institute of Applied Sciences, Amity University, Kolkata from 1/8/2022 to 5/8/2022.
9. Workshop on Procedures and Applications of XRD, XRF, Single Crystal XRD” organized by SAIF, Gauhati University, Guwahati from 27 July-1 August, 2018.

References:

1. Dr. Monideepa Chakraborty, Associate Professor, Assam Engineering College.
2. Prof. Birinchi Kr. Das, Department of Chemistry, Gauhati University

Declaration:

I hereby declare that all the information given above is true to the best of my knowledge.

Place: Guwahati

Dr. Anup Malakar

Assistant Professor
Department of Chemistry,
RSAPS, RGU