

**Faculty Profile
2018-2023**

1. Personal Details:

Name: Basudev Mandal

Qualification: M.Sc.B.Ed

Designation: Assistant Professor

Department: Chemistry

Email id: basudevmandal34@gmail.com

Teaching Experience [substantive post only]: 3 years 6 months

2. Previous work places: NA

3. Academic Credentials:

2015 B.Ed (1st Class) Yogoda Satsanga Mahavidyalaya

2014 M. Sc. (1st Class) Vidyasagar University (specialization in Inorganic Chemistry)

2011 B. Sc. (Hons.) (1st Class) Bajkul Milani Mahavidyalaya

2018-CSIR NET.

2017-UGC NET.

2016-GATE.

4. Courses Taught: B.Sc (CC,GE,DSC,SEC)

5. Administrative Experience(if any): NA

6. Specialization and Research Interests: Inorganic Chemistry, Synthesis, Characterization and Biological Evaluation of Heteronuclear Bioactive Compounds and It's Transition Metal Complexes .

7. Publications: (Research article, General article, Books, Books chapter etc.)

Sl. No	Title of Publications	Level	Journal Name	Year, Volume, Page	DOI
1.	Instigating the In Vitro Anticancer Activity of New Pyridine-Thiazole-Based Co(III),Mn(II) and Ni(II) Complexes :Synthesis ,Structure,DFT,Docking and MD simulation studies.	International	Journal of Chemical Information and Modeling	2022, 62, 6, 1437–1457	DOI: https://doi.org/10.1021/acs.jcim.1c01280

2.	Synthesis, structure elucidation and DFT study of a new thiazole-pyridine anchored NNN donor and it's Cobalt(II) complex: In-vitro antitumor activity against U937 cancer cells, DNA binding property and molecular docking study ,	International	Journal of Molecular Structure	1224 (2021) 129015	DOI: https://doi.org/10.1016/j.molstruc.2020.129015
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8. Patents (if any):NA

9. Research Project (if any): NA

10. Research Supervision (Ph.D./M.Phil.):NA

11.Seminar/Workshop participated :

Sl. No.	Name of the Faculty	level	Organizing institution	Date
1	Basudev Mandal	International	Indas Mahavidyalaya	23.08.2020
		International	CSIR-NEERI	17.07.2020 & 18.07.2020
2		International	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya	22.08.2020 & 23.08.2020
3		International	Dinabandhu Andrews College	28.07.2020
4		International	GGDC Keshiary	26.08.2020 & 27.08.2020
5		International	KarimpFXDAAAur Pannadevi College	08.10.2020
6		International	Seth Anandram Jaipuriya	11.07.2020

			College	& 12.07.2020
7		International	Indian Chemical Society	02.08.2020 03.08.2020 08.08.2020 15.08.2020 22.08.2020 29.08.2020
8		International	Rmanujan College,DU	06.08.2020 & 07.08.2020

12. Programmes Conducted / Organised as Convenor / Organising Secretary etc.

1. Chemistry: The challenges and Opportunities, on 13th October, 2020, Dept of Chemistry, Shahid Matangini Hazra Govt College for Women

13. Achievements/Awards/Membership:

14. Any Other Relevant Information: