

CURRICULUM VITAE

Mr. Sk Ajarul, M.Sc.
Assistant Professor || Department of Chemistry

Govt. General Degree College, Salboni
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Personal Details:

Date of Birth: Feb 22, 1993
Nationality: Indian
Sex: Male
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Educational Qualifications:

Ph. D. (Thesis Submitted)	2021
University of Calcutta, Kolkata, India	
M.Sc.	2016
Midnapore College (Autonomous), (Affiliated to Vidyasagar University), India	
B.Sc.	2014
Panskura Banamali College, Vidyasagar University, India	

Doctoral Research:

Research work (thesis title): “Development Of Diverse Cyclization Catalysis To Synthesize Valuable Heterocyclic Compounds: Photophysical Study”

[Supervisor: Prof. Dilip Kumar Maiti, Organic Chemistry Division, University of Calcutta, Kol-09]

Academic Achievements/Awards received till date:

- **June 2016**, qualified Joint CSIR-UGC NET ,Eligibility for Lectureship- National Eligibility Test (NET) (L.S-25)
- **December 2016**, qualified Graduate Aptitude Test in Engineering (GATE)
- **December 2016**, qualified Joint CSIR-UGC Junior Research Fellowship (**JRF**) and Eligibility for Lectureship- National Eligibility Test (NET) (Rank, CSIR-78)
- **2017-2019**: Junior Research Fellowship (JRF) awarded by Council of Scientific and Industrial Research (CSIR), India.
- **2019-2020**: Senior Research Fellowship (SRF) awarded by Council of Scientific and Industrial Research (CSIR), India.

Teaching Experience:

- 1st October 2020 to present: Assistant Professor in Chemistry (WBES) at Govt. General Degree College, Salboni.

Publications:

Paper published till date:

1. 5-Annulation of Ketoimines: TFA-Catalyzed Rapid Construction of Isoin-dolinone-3-carboxylates and Development of Photophysical Properties

Anirban Kayet, **Sk Ajarul**, Sima Paul, and Dilip K. Maiti*, *J. Org. Chem.*, **2018**, 83, 8401.

2. A competitive and highly selective 7-, 6and 5-annulation with 1,3-migration through C–H and N–H – alkyne coupling:

Sk Ajarul, Anirban Kayet, Tanmay K. Pati and Dilip K. Maiti*, *Chem. Commun.*, **2020**, 56, 474.

3. Synthesis of Functionalized Arylacetamido-2-pyridones through *ortho*-C(sp²)–H Activated Installation of Olefins and Alkynes:

Tanmay K. Pati, **Sk Ajarul**, Mrinalkanti Kundu, Deepak Tayde, Uttam Khamrai and Dilip K. Maiti*, *J. Org. Chem.*, **2020**, 85, 8563.