

C.V. DATA FORMAT



Dr./Mr./Mrs./Name: Mr. Surajit Saha WBES

Designation in (subject): Assistant Professor in Chemistry

Highest qualification: M.Sc (Physical Chemistry)

Contact details/ Office address: Department of Chemistry, Darjeeling Government College,
Darjeeling -734101, West Bengal

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Date of joining to this institution*: 10th December 2019

Date of joining W.B.E.S.: 10th December 2019

Previous position(s) held/ Additional charges (if any): N.A

Teaching experience in years & months: 4 years and 5 months

Fellowship, Awards, Recognition and Honours (if any): CSIR JRF 2015, GATE 2015
UGC JRF 2016

Courses taught: Undergraduate Physical Chemistry, Inorganic Chemistry, Polymer Chemistry
(Honours and Program course)

Research area/ interest: Computational chemistry - CO₂ activation, Photodynamics of solar cell,
Dye sensitized solar cell , perovskite solar cell, Quantum Dynamics ,
Nanoscale Systems, Organic-inorganic nanohybrid material ,
bio nanocomposite – DFT study

List of publications-

*Peer reviewed journals:

1. “Computational design of some TTF-substituted acene-based dyes for solar cell application using hollow ZnO quantum dot as acceptor” Md. Habib, Surajit Saha, Ritabrata Sarkar, Anup Pramanik, Pranab Sarkar, Sougata Pal. *Computational and Theoretical Chemistry* 1136 (2018) 10-17
2. “Molecular design of porphyrin dyes using different electron-withdrawing moieties for high performance dye-sensitized solar cells” Narendra Nath Ghosh, Surajit Saha, Anup Pramanik, Pranab Sarkar, Sougata Pal *Computational and Theoretical Chemistry* 1182 (2020) 112846

*Conference proceedings: N.A

*Books/chapters in books etc. (if any): N.A

Google Scholar link/ ResearchGate link/ ORCID ID ((if any) :

Presentations/ attended in conferences/ workshops/seminars/symposium etc:

1. DST-PURSE Sponsored Two-day national conference – Chemistry: Today and Tomorrow 26th and 27th July 2018 organised by Dept of Chemistry, University of Kalyani

Workshop Attended:

1. Science academies' Lecture Workshop on Fascinating Chemistry 20-21 Jan,2014 , organized by Malda College Malda, WB
2. Science academies' education programmes Lecture Workshop on Advances in chemistry education and research, 23-24 July 2015, organized by dept of chemistry, University of Gour Banga, Malda
3. Two day online national workshop entitled “Outcome based education on 14-15 July 2021 organised by IQAC ABN Seal College Coach Behar, WB

Symposium Attended:

1. Chemistry for the human welfare on 7th april 2017 organised by dept of chemistry, University of Gour Banga, Malda

Poster presented:

1. “Asymmetric Metal porphyrin Nanorings: Towards efficient photovoltaic” in the national conference Chemistry: Today and Tomorrow 26th and 27th July 2018 organised by Dept of Chemistry, University of Kalyani

Webinar attended:

1. Perovskite Nanocrystals:Photoluminescence and Charge Carrier Dynamics’, one day webinar organized by the Dept. of Chemistry, School of Basic and Applied Sciences, Adamas University, on 4th July 2020
2. “National webinar on concepts, innovations and methods when chemistry meets biology” one day national webinar organized by Kharagpur College and NASI India on 17th July 2020
3. “Fight against Covid 19” one day national webinar organized by Dept of Chemistry, Botany and Zoology , S.B.S Govt College Hili on 19th October 2020
4. “Advances in optical microscopy and its biomedical applications’ organized by the Department of Chemistry, School of Basic and Applied Sciences, Adamas University on 26th February 2022.

Details regarding participation in FIP/OP/RC:

Sl No	Programme	Duration	Organised by
1	Faculty Induction Programme (9 th FIP)	30 th May 2022 to 28 th June 2022	UGC-HRDC North Eastern Hill University, Shillong
2	Refresher Course (Chemistry – new frontiers of chemical science)	23 rd August 2023 to 5 th September 2023	UGC-HRDC University of North Bengal, WB