

**Faculty Profile
2018-2023**

1. Personal Details:

Name: Mitali Dewan

Qualification: M.Sc., Ph.D

Designation: assistant Professor

Department: Chemistry

Email id: mitalichem@gmail.com

Teaching Experience [substantive post only]: 12 years 10 months

2. Previous work places: Jhargram Raj College (Govt. of West Bengal)

3. Academic Credentials:

4. Courses Taught: B.Sc. (CC, DSE, SEC), M.Sc

5. Administrative Experience (if any): No

6. Specialization and Research Interests: Organic chemistry and polymer science and technology

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

Sl No._ Title of Publication_ Level (international/national/state) _Publishing Agency or Journal Name_ Year, Volume, Page_ ISBN/ISSN/DOI

Research article

Sl. No	Title of Publications	Level	Journal Name	Year, Volume, Page	ISBN/ISSN	DOI
1.	Nanotailored hyaluronic acid modified methylcellulose as an injectable scaffold with enhanced physic-rheological and biological aspects	International	Carbohydrate polymer	2020, 237, 116146	ISSN: 0144-8617 (print), ISSN: 1879-1344 (online)	https://doi.org/10.1016/j.carbpol.2020.116146

2.	Effect of tamarind seed polysaccharide on thermogelation property and drug release profile of poloxamer 407-based ophthalmic formulation,	International	New Journal of Chemistry	2020, 44, 15708-15715.	1144-0546 (print), 1369-9261(web)	https://doi.org/10.1039/D0NJ02767G
3.	Synthesis of Fused Pyran and Tetracyclic Pyran Rings by Intramolecular Palladium-catalyzed β -H elimination and C-H bond Functionalization,	International	ES Materials and Manufacturing	2012, 13,40-52	2578-062X (E)/ 2578-0611 (P)	http://dx.doi.org/10.30919/esmm5f455
4.	Synthesis of 9,10-dihydrophenanthrene, phenanthrene, mono- and Dialkyl Phenanthrene and Octa-hydro Phenanthrene by Palladium-catalyzed Heck Reactions,	International	ES Materials and Manufacturing	2021, 14,51-58	2578-062X (E)/ 2578-0611 (P)	http://dx.doi.org/10.30919/esmm5f477
5.	Impact of Poly (Vinyl Alcohol) on The Thermogelation Property and Drug Release Profile of Ophthalmic Formulations Based on Poloxamer 407	International	Chemistryselect	2023,8, e202203528	Online ISSN:2365-6549	https://doi.org/10.1002/slct.202203528
6.	Methyl Cellulose	International	International Journal of	2022, 8, 18-25	ISSN: 0973-6875	https://doi.org/10.5281/zenodo.7307699

	Based Thermoreversible In-Situ hydrogel Systems For Controlled Drug Delivery		HIT Transaction on ECCN			
7.	A short review on synthesis of substituted furan by metal catalyzed reaction of 3-(1-alkenyl)-2-alkene-1-al	International	Journal of HIT Transaction on ECCN	2022, 8, 31-41	ISSN: 0973-6875	https://doi.org/10.5281/zenodo.7307727

Books chapter:

Sl. No	Title of Chapter	Level	Publishing agency	Year, Volume, Page	ISBN/ISSN	DOI
1.	Polyvinyl Chloride Foam Polymeric Foams: Fundamentals and Types of Foams (Volume 1) Chapter 12	International	ACS Publications	2023, 1439, 237-256	eISBN: 9780841297173	https://pubs.acs.org/doi/full/10.1021/bk-2023-1439.ch012

8. Patents (if any): No

9. Research Project (if any): No

Serial No._Title_Funding Agency_ Duration of the Project_ Grants Amount_ Date of Award_ Status of the Project

10. Research Supervision (Ph.D./M.Phil.) No

Serial No._Name of the student_Research Topic_Name of the institution_Date of Registration_ Year of Award of the Degree

11. Seminar/Workshop participated:

Serial No._Title_Date_Organized by_Place

Sl. No.	Title of Conference/ Seminar with date	Date	Organized by	Whether International/ National/State or University level
1.	Innovation In Materials Science & Technology, IMST 2018	14 – 16 th December 2018.	Indian Rubber Institute, Kolkata Branch & Amity University, Kolkata	Amity University, Kolkata, W.B., India
2.	International Webinar On “Chemistry and Biology: Sustainable Progress of Huma Civilization”	June 29-30 th 2020	Department of Chemistry, Prabhat Kumar College, Contai in collaboration with Indian Chemical Society	Prabhat Kumar college, Contai, Purba Medinipur, W.B., India
3.	Three-Day International Symposium on “Exploring Molecules, Materials and Biomaterials for Sustainable society (EMMBSS-22)	8-10 th September, 2022	Department of Chemistry, Midnapur College	Midnapur College, Paschim Midnapur, W.B., India
4.	International Conference on “Indian Science: Achievements and Aspirations”	17-18 th January, 2023	Science Forum and IQAC, Prabhat Kumar College in association with Indian Science Congress Association (Kolkata Chapter)	Prabhat Kumar college, Contai, Purba Medinipur, W.B., India

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

Serial No._Name of the Programme_ Sponsored By_Date

13. Achievements/Awards/Membership: Ph. D. Degree on 26th March, 2021**14. Any Other Relevant Information:**