

Curriculum Vitae

Name	Dr. Kanchan Mal	
Designation	Assistant Professor	
Department	Chemistry	
Institution	Jangipur College, Murshidabad, West Bengal	
Mobile	8617783905	
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Academic Qualification		
Examination	College/University	Year of Passing
Post-Doctoral Fellow	Department of Chemistry, Ben-Gurion University of the Negev; Beer-Sheva, 84105, Israel	2018 - 2020
Ph.D in Organic Chemistry	CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata, India	(March 2012- June 2017)
Master of Science (M.Sc)	Ramakrishna Mission Residential College, Narendrapur, Kolkata, India (affiliated to University of Calcutta)	2011
Bachelor of Science (B.Sc)	Ramakrishna Mission Residential College, Narendrapur, Kolkata, India (affiliated to University of Calcutta)	2009
Teaching Experience		
Organization / Institution	Designation	Duration
Jangipur College, Murshidabad	Assistant Professor	3 rd September, 2020-Cond.
Area of Specialization: Organic Chemistry		

Publications (Top Ten):

1. Sandip Naskar, ‡ **Kanchan Mal**, ‡ Rajib Maity, Indrajit Das, "Recent Advances in the Synthesis and Applications of α -Ketothioesters" *Advanced Synthesis & Catalysis*, **2021**, 363, 1160-1184. (‡ contributed equally) [Impact Factor: 5.981]
2. Vasudevan Dhayalan, **Kanchan Mal**, Anat Milo, "Practical Synthesis of Chiral N-Heterocyclic Carbene Triazolium Salts Containing a Hydroxy Functional Handle". *Synthesis* **2019**, 51, 2845-2864. (Published as part of the **Bürgenstock Special Section 2018 Future Stars in Organic Chemistry**) [Impact Factor: 2.675]
3. Rajib Maity, ‡ Sandip Naskar, ‡ **Kanchan Mal**, ‡ Sandipa Biswas, and Indrajit Das, "Direct Access to 2-Thioxooxazolidin-4-ones and Oxazolidine-2,4-diones from α -Keto Thioesters through Thiolate Transfer." *Advanced Synthesis & Catalysis*, **2017**, 359, 4405-4410. (‡ contributed equally) [Impact Factor: 5.851].
4. **Kanchan Mal** and Indrajit Das, " α -Keto Thioesters as Building Blocks for Accessing γ -Hydroxybutenolides and Oxazoles." *Advanced Synthesis & Catalysis*, **2017**, 359, 2692–2698. [Impact Factor: 5.851]
5. **Kanchan Mal**, Sandip Naskar, Shovan Kumar Sen, Ramalingam Natarajan, and Indrajit Das,* "Tandem Chemoselective 1,2-/1,4-Migration of the Thio Group in Ketothioesters: An Efficient Approach to Substituted Butenolides." *Advanced Synthesis & Catalysis*, **2016**, 358, 3212 – 3230. [Impact Factor: 5.851]
6. **Kanchan Mal** and Indrajit Das, "Base Induced Chiral Substituted Furans and Imidazoles from Carbohydrate-Derived 2-Haloenones." *The Journal of Organic Chemistry*, **2016**, 81, 932 - 945. [Impact Factor: 4.335]
7. **Kanchan Mal**, Amanpreet Kaur, and Indrajit Das, "Chiral 3-Formylfurans from Carbohydrates: An Expedient Route via Heck Coupling and NBS-Mediated Cyclization Sequence." *Asian Journal of Organic Chemistry*, **2015**, 4, 1132 - 1143. [Impact Factor: 3.13]
8. **Kanchan Mal**‡, Amanpreet Kaur‡, Fazle Haque, and Indrajit Das, "PPh₃.HBr-DMSO: A Reagent System for Diverse Chemoselective Transformations." *The Journal of Organic Chemistry*, **2015**, 80, 6400 - 6410. (‡ contributed equally.) [Impact Factor: 4.335]
9. **Kanchan Mal**, Supriya Das, Nakul C. Maiti, Ramalingam Natarajan, and Indrajit Das, "ZnI₂-Catalyzed Diastereoselective [4+2] Cycloadditions of β,γ -Unsaturated α -Ketothioesters with Olefins." *The Journal of Organic Chemistry*, **2015**, 80, 2972 - 2988. [Impact Factor: 4.335]
10. **Kanchan Mal**, Abhinandan Sharma, and Indrajit Das, "Gold (III) Chloride Catalyzed Synthesis of Chiral Substituted 3-Formyl Furans from Carbohydrates: Application to the Synthesis of 1,5-Dicarbonyl Derivative and Furo[3,2-c]pyridine." *Chemistry - A European Journal*, **2014**, 20, 11932 - 11945. [Impact Factor: 4.857]
11. **Kanchan Mal**, Abhinandan Sharma, Prakas R. Maulik, and Indrajit Das, "PPh₃.HBr-DMSO Mediated Expedient Synthesis of γ -Substituted β,γ -Unsaturated α -Ketomethylthioesters and α -Bromo enals: Application to the Synthesis of 2-Methylsulfanyl-3(2H)-furanones." *Chemistry - A European Journal*, **2014**, 20, 662 - 667. [Impact Factor: 4.857]

Paper Presented/Attended/Resource Person in Seminar/Conference/Workshops/FDP's (Top Ten):

1. One Day (28th March 2024) Sensitization and Interactive Workshop on ***“Ethics and Prevention of Sexual Harassment”*** organized by Jangipur College in association with Siddhinath Mahavidyalaya.
2. Two-Day (15th and 16th March, 2024) International Seminar on ***“Multidisciplinary Approaches to Pedagogy in the Social Sciences: An Overview”*** organized by Jangipur College (under the aegis of IQAC) in association with Departments of Education, History, Philosophy & Political Science.
3. A One-Day (8th March, 2024) National Seminar on ***“Overcoming Gender Violence: A Journey Towards Inclusion and Economic Empowerment”*** organized by Women's Cell, Jangipur College in association with IQAC, Jangipur College.
4. Three Day's (22nd -24th February 2024) Workshop on ***“Positive Discrimination”*** organized by Equal Opportunity Cell, Jangipur College in association with IQAC, Jangipur College.
5. One-Day (20th February, 2024) International Workshop on ***“Construction of Womanhood in the world of Art and Music”*** organized by Women's Cell, Jangipur College in association with IQAC, Jangipur College.
6. A One-Day (8th December,2023) Seminar on ***“How to Change Attitudes Towards Transgender Community in terms of Human Rights”*** organized by Women's Cell, Jangipur College in association with IQAC, Jangipur College.
7. A One-Day (13th October 2023) Workshop on ***“Unlocking Innovation: The Intersection of Parents, Intellectual Property Rights and Entrepreneurship in the 21st Century”*** organized by Research Sub-Committee & Publication Sub-Committee, Jangipur College in association with IQAC, Jangipur College.
8. Participated in the Refresher Course on ***“New Frontier of Chemical Sciences”*** (23rd August-5th September 2023) organized by UGC-Human Resource Development Centre, University of North Bengal.
9. Participated in the ***11th Faculty Induction Programme (FIP-NBU-11)*** (4th Nov-6th December 2022) organized by UGC-Human Resource Development Centre, University of North Bengal.

Other details (if any):

1. Acting as Convener of Career Guidance Cell, Jangipur College, since 11th April 2023.
2. Acting as the HOD, Department of Environmental Science, Jangipur College, since 1st July 2023.