




CURRICULUM VITAE

Name:	Dr. Uttam Kumar Das	
Designation:	Assistant Professor	
School:	School of Physical Sciences	
Department:	Chemistry	
Specialisation & Research Interests:	Specialisation: Organic Chemistry Research Interests: Crystal Engineering, Supramolecular Gel, Co-crystal, Metal Organic Frameworks (MOF), Covalent Organic Frameworks (COF) and Organic Light Emitting Diodes (OLEDs)	
Email IDs (Official & Personal)	uttamkumardas@mgcub.ac.in ukd2006@gmail.com	
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Address:	Department of Chemistry; Mahatma Gandhi Central University; TempCamp; Zila School Campus; Motihari; East-Champaran; Bihar-845401	

2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University / Board
Ph.D.	2014	Indian Association for the Cultivation of Science (Jadavpur University)
M.Sc.	2007	IIT Bombay
B.Sc. (H)	2005	University of Kalyani

Degree	Year	University / Board
12 th	2000	W.B.C.H.S.E.
10 th	1998	W.B.B.S.E.

3. ANY OTHER QUALIFICATION:**4. PROFESSIONAL EXPERIENCE:**

Organisation/Institute/University	Position Held	Duration
Mahatma Gandhi Central University, Motihari, Bihar.	Assistant Professor	6 th Oct, 2016 to till date
Department of Chemistry, University of Calcutta.	D.S. Kothari Post-doctoral Fellow	03/03/2015 to 05/10/2016
Department of Organic Chemistry, IACS, Kolkata.	Research Associate-I	20/02/2014 to 02/03/2015

5. ADMINISTRATIVE ASSIGNMENTS: NIL

Position Held	Duration	Nature of Work

6. COURSES TAUGHT:

Sl. No.	Programme	Course Title	Course Code		UG/PG
1	B.Sc. Hons. Chemistry	Inorganic Chemistry-I (Theory & Practical)	CHEM3001	Core Course	UG
2	B.Sc. Hons. Chemistry	Inorganic Chemistry-II (Theory & Practical)	CHEM3005	Core Course	UG
3	B.Sc. Hons. Chemistry	Inorganic Chemistry-III (Theory & Practical)	CHEM3008	Core Course	UG
4	B.Sc. Hons. Chemistry	Organic Chemistry-III (Theory & Practical)	CHEM3009	Core Course	UG
5	B.Sc. Hons. Chemistry	Inorganic Chemistry-II (Theory & Practical)	CHEM3005	Core Course	UG
6	B.Sc. Hons. Chemistry	Physical Chemistry-V (Theory & Practical)	CHEM3012	Core Course	UG
7	B.Sc. Hons. Chemistry	Organic Chemistry-III (Theory & Practical)	CHEM3009	Core Course	UG
8.	M.Sc.. Chemistry	Organic Chemistry-I	CHEM4001	Core Course	PG
9	M.Sc.. Chemistry	Quantum Chemistry	CHEM4006	Core Course	PG

7. RESEARCH SUPERVISION: NIL**A. Ph.D.:**

- i. Awarded :**
- ii. Submitted :**
- iii. Ongoing :**

B. M.Phil.:

- i. Awarded :**
- ii. Submitted :**
- iii. Ongoing :**

C. Non-Degree Oriented (Master's Level Dissertation):

- i. Awarded :**
- ii. Submitted :**
- iii. Ongoing :**

8. CONTRIBUTION TO CORPORATE LIFE OF THE UNIVERSITY:

1. Member of Backstage Committee
2. Special Invitee of Departmental BoS
3. Establishment of Under graduate Chemistry Laboratory
4. Member secretary of National symposium "RTCS-2019"
5. Invigilation duties for the various examination of the MGCUB

6. Library member to help during the establishment of library
7. Member of Infrastructure and development committee
8. Member of sports management committee to organise the annual sports day
9. Member of trouble shooter committee
10. Attendance compilation
11. Question Paper setting and Answer Script evaluation

9. MEMBERSHIP OF SOCIETIES / PROFESSIONAL BODIES: NIL

10. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

1. Authored:

An Invited book chapter

Title of the Book: "Hydrogen Bonded Supramolecular Structures and Materials"

Publisher: Springer; Editor: Zhan-Ting Li, Li-Zhu Wu.

ISBN: 978-3-662-45780-1

Title of the Book Chapter: "Crystal Engineering Based Design of Charge-assisted Hydrogen Bonded Supramolecular Gelators"

Pages: 101-131

Author(s): Dastidar, P.; **Das, U. K.**; Adalder, T. K.; Majumder, J.; Roy, R.

2. Edited:

i.

ii.

iii.

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Fabrication and Diverse Ring-Expansion Nanocatalysis of Functionalized Pt-Nanoparticles to a General Synthesis of Pyrrolines: A 3D-Mid-IR Study. Ghosh S.; Debnath, S.; **Das, U. K.**; Maiti, D. K.; Ind. Eng. Chem. Res., **2017**, 56(42), 12056. (Impact factor: 3.14)

2. The hierarchies of hydrogen bonds in salts/cocrystals of isoniazid and its Schiff base – a case study. Oruganti, M.; Khade, P.; **Das, U. K.**; Trivedi, D. R. RSC Adv., **2016**, 6, 15868. (Impact factor: 3.108)
3. Water: the best solvent for DMAP mediated and dual cyclization towards metal free first synthesis of fullysubstitutedphthalimides, Samai, S.; Ghosh, D.; **Das, U. K.**; Manna, S. K.; Atta, S.; Maiti, D. K. Green Chemistry, **2016**, 18, 2961. (Impact factor: 9.125)
4. An efficient three-component, one-pot synthesis of quinazolines under solvent- and catalyst-free condition. Bhat, S. I.; **Das, U. K.**; Trivedi, D. R. Journal of Heterocyclic Chemistry, **2014**, 54, 1253. (Impact factor: 0.893)
5. Aggregation Enhanced Emission (AEE) in Organic Salt – A Structure-property Correlation Based on Single Crystal Studies. **Das, U. K.**; Dastidar, P. Journal of Chemical Science, **2014**, 126, 1357. (Impact factor: 1.298)
6. Remarkable Shape-sustaining, Load Bearing and Self-healing properties Displayed by A Supramolecular Gel Derived from a bis-pyridyl-bis-amide of L-phenyl Alanine. **Das, U. K.**; Banerjee, S.; Dastidar, P. Chem. Asian J, **2014**, 9, 2475. (Impact factor: 4.083)
7. Dual Colorimetric Receptor with Logic Gate Operations: Anion Induced Solvatochromism. Madhuprasad; Swathi, N.; Manjunatha, J. R.; **Das, U. K.**; Shetty, A. N.; Trivedi, D. R. New J. Chem. **2013**, 38, 1484. (Impact factor: 3.269)
8. Molecular and Crystal Engineering Approach Towards the Design of Functional Supramolecular Gelators. Adalder, T. K.; **Das, U. K.**; Majumder, J.; Roy R.; Dastidar, P. Journal of the Ind. Inst. of Sci., **2014**, 94, 9. (Impact factor: 0.493)
9. Extending primary ammonium dicarboxylate (PAD) to diprimary ammonium dicarboxylate (DPAD) synthon and its implication in supramolecular gelation. **Das, U. K.**; Dastidar, P. Cryst. Growth & Des. **2013**, 13, 4559. (Impact factor: 4.055)
10. Primary ammonium monocarboxylate (PAM) synthon in designing supramolecular gels: A new series of chiral low molecular weight gelators derived from simple organic salts capable of generating and stabilizing gold nanoparticles, **Das, U. K.**; Banerjee, S.; Dastidar, P. Chem. Asian J. **2013**, 8, 3022. (Impact factor: 4.083)
11. Supramolecular Synthon Transferability and Gelation by Di-Primary Ammonium Monocarboxylate Salts. **Das, U. K.**; Puranik, V. G.; Dastidar P. Cryst. Growth. Des. **2012**, 12, 5864. (Impact factor: 4.055)
12. Supramolecular Chirality in Organo-, Hydro- and Metallogels Derived from Bis-amides of L-(+)-Tartaric acid: Formation of Highly Aligned 1D Silica Fibers and An Evidence of 5-c net SnS Topology in Metallogel-network. **Das U. K.**; Dastidar P. Chem. Eur. J, **2012**, 18, 13067. (Impact factor: 5.317)
13. Supramolecular Synthons in Noncovalent Synthesis of a Class of Gelators Derived from Simple Organic Salts: Instant Gelation of Organic Fluids at Room Temperature via in Situ Synthesis of the Gelators. **Das, U. K.**; Trivedi, D. R.; Adarsh, N. N.; Dastidar, P. J. Org. Chem. **2009**, 74, 7111. (Impact factor: 4.849)

C. PAPERS IN CONFERENCES PROCEEDINGS: NIL

- i.
- ii.
- iii.

11. Patents/Copyrights /IPR (If Any)**12. INVITED TALKS: NIL****13. RESEARCH PROJECTS (COMPLETED / ONGOING): NIL****14. PARTICIPATION & PRESENTATIONS IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:**

1. International Symposium on Frontiers of Functional Materials Department of Chemistry, University of Calcutta, 6th Jan, 2009 to 7th Jan, 2009.
2. 38th National Seminar on Crystallography Department of Studies in Geology, University of Mysore, India. 11th Feb, 2009 to 13th Feb, 2009.
3. Gordon Research Conferences on Crystal Engineering Gordon Research Conferences, Waterville Valley, NH, USA. 6th Jun, 2010 to 11th Jun, 2010.
4. 39th National Seminar on Crystallography Post-Graduate Department of Physics & Electronics, University of Jammu, India. 25th Oct, 2010 to 27th Oct, 2010.
5. National Symposium on Organic Chemistry-IV; Department of Chemistry, Jadavpur University, 2nd Feb, 2011 to 3rd Feb, 2011.
6. CECAM Topological methods in Crystal Chemistry and Materials Science CECAM-HQ EPFL, Lausanne, Switzerland. 9th Sep, 2013 to 13th Sep, 2013.

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- 1) D. S. Kothari Post-Doctoral Research Fellowship -2015
- 2) CSIR Research Associate-I Fellowship - 2015
- 3) IACS Institute Fellowship for Research Associate-I, 2014
- 4) CSIR Senior Research Fellowship-2010 to 2013
- 5) CSIR Junior Research Fellowship-2008 to 2010

16. ANY OTHER SIGNIFICANT INFORMATION:

1. Participated in 22ndOrientation Programme at Guru GhasidasVishwavidyalaya and awarded Grade "A".
2. Participated Refresher Course (Interdisciplinary) at Guru Ghasidas Vishwavidyalaya and awarded Grade "A+".

Dr. Uttam Kumar Das

(Name of Faculty)