

FACULTY PROFILE

Name	Satyam Kumar Gupta
Father's Name / Mother's Name	Rama Nand Gupta
Date and Place of Birth	05/09/1981, Deoria
Sex	Male
Marital status	Married
Nationality & Religion	Indian, Hindu
Community	Gupta
Department	Chemistry
Current Designation & Grade Pay	Assistant Professor, 61200/-
Address for Correspondence	House No. 6/1, Kirambuthottam North Street, Karaikal, Puducherry- 609602.
Mobile	9482948214
Email Id Email Id (Official)	triphenylene@gmail.com satyam@dhtepdy.edu.in

Academic Qualifications :

Examina tions	Subject	Year of Passing	Name of the Board/ University
S.S.L.C.	Hindi, English, Mathematics-2, Science-2, Social Science, Biology	1995	UP Board of High School and Intermediate Education, Allahabad
H.S.C.	General Hindi, English, Physics, Chemistry, Biology	1997	UP Board of High School and Intermediate Education, Allahabad
UG: B.Sc.	Chemistry (Major), Botany (Major), Zoology.	2002	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
PG: M.Sc.	Organic Chemistry (Major).	2004	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
NET	CHEMICAL SCIENCES	2003	CSIR-NET
GATE	CHEMISTRY	2004	GATE

Research Degree(s)

Degrees	Subject	University	Title	Date of Award
M. Phil.	Nil	Nil	Nil	Nil
Ph.D	Chemistry	Raman Research Institute Bangalore	Synthesis and Characterization of some Non- conventional Discotic Liquid Crystals	18-08- 2011

Period of Teaching Experience : 4 Years and 8 Months

Designation	Period		Organization	Nature of Employment
	From	To		
Assistant Professor	24-01-2018	Continue	Avvaiyar Government College For Women, Karaikal.	Regular
Assistant Professor	21-09-2012	07-07-2014	Sharda University, Greater Noida	Regular

Fields of Specialization under the Subject / Discipline

- (a) Liquid Crystal
- (b) Material Science
- (c) Synthetic Chemistry

Academic Staff College Orientation / Refresher Courses Attended :

Name of the Course / Summer School	Place	Duration	Sponsoring Agency
One Week Faculty Development Program on ADDITIVE MANUFACTURING : THE RESEARCH SCOPES & FUTURE TRENDS	Santhiram Engineering College, Nandyal (Online)	22-05-2020 to 28-05-2020	Santhiram Engineering College, Nandyal
One Week Faculty Development Program on GREEN MANUFACTURING : THE PRESENT & THE FUTURE	Santhiram Engineering College, Nandyal (Online)	15-05-2020 to 20-05-2020	Santhiram Engineering College, Nandyal
114th Orientation Programme	Jawaharlal Nehru University New Delhi	15-07-2019 to 02-08-2019	UGC-Human Resource Development Centre
Online Refresher Course in Chemistry for Higher Education Faculty	Swayam Arpit Online Course Certification	01-11-2018 to 27-02-2019	MHRD & Sri Guru Tegh Bahadur Khalsa College, Delhi
One day Orientation Programme for the Newly Recruited Faculty Members of Arts & Science Colleges in the Union Territory of Puducherry	Tagore Govt. Arts & Science College, Puducherry	19-07-2018	GOVERNMENT OF PUDUCHERRY DIRECTORATE OF HIGHER & TECHNICAL EDUCATION

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Research Publications:

Sl. No .	Title	Year	Journal/Book	Volume- Page with Impact Factor (IF)
1.	Magnetic Surfaces for Photo-Isomerization of Azobenzene Based Polymer Probed Using Magneto Optical Method	2022	Topics in Catalysis	10.1007/s11244-022-01594-6; IF: 3.034
2.	Effect of local electric field on trans to cis photo-isomerization of azobenzene containing polymer	2021	Materials Science and Engineering: B	https://doi.org/10.1016/j.mseb.2021.115094 ; 3.407
3.	Effect of iron-iron oxide particles on the rate of isomerization of azobenzene moieties in polymeric liquid crystals at air-water interface	2020	Colloid and Polymer Science	https://doi.org/10.1007/s00396-020-04776-4 ; IF: 1.723
4.	Microwaves only for novel discotic LC trimers	2008	NJC News	http://www.njc.cnrs.fr/spip.php?article157&lang=en , IF: 3.07
5.	New Perylene-based Non-conventional Discotic Liquid Crystals	2013	<i>RSC Advances</i>	3, 12060-12065, IF: 3.07
6.	Novel triphenylene-ammonium-ammonium-triphenylene-based discotic ionic liquid crystalline dimers	2012	Liquid Crystals	39, 12, 1443-1449, IF: 3.92
7.	Novel triphenylenoimidazole discotic liquid crystals	2011	Tetrahedron Letters	52, 5363–5367, IF: 2.33
8.	The first examples of discotic liquid crystalline gemini surfactants	2010	Tetrahedron Letters	51, 5459-5462, IF: 2.33

9.	Novel Benzene-Bridged Triphenylene-Based Discotic Dyads	2009	J. Phys. Chem. B	113, 12887–12895, IF: 2.95
10.	Microwave-assisted facile synthesis of discotic liquid crystalline symmetrical donor–acceptor–donor triads	2009	New J. Chem.	33, 112–118, IF: 3.07
11.	Stress-strain relation in the collapse of Langmuir monolayer of a dimer of disk shaped moiety	2010	The Journal of Chemical Physics	133, 044701, IF: 2.835

Books Published :

Title	CoAuthor	Publications	Year
NIL	NIL	NIL	NIL

Papers Presented in National / International Conferences :

Sl. No .	Topic	Conference	Organised By	Period
1.	Itaconic ester-based amphiphilic side chain polymeric liquid crystals: synthesis, characterization & mesomorphic behavior	24th National Conference On Liquid Crystals (NCLC - 2017)	Department of Chemical Sciences, IISER Mohali	11-13rd October 2017
2.	Perylene-based Non-conventional Discotic Liquid Crystals: Synthesis and Mesomorphic behaviour (Oral)	International Conference on Multifunctional Materials, Energy and Environment	Sharda University, Greater Noida	21-23 rd August, 2013
3.	Triphenylenoimidazole-based discotic liquid crystals (Poster)	Soft Matter Chemistry Workshop	Raman Research Institute Bangalore	9-11 November 2011
4.	The first example of discotic liquid crystalline gemini surfactants (Oral)	Inhouse meeting, Raman Research Institute	Raman Research Institute Bangalore	16 th December, 2010
5.	Synthesis and characterization of non-conventional discotic liquid crystals (Oral)	Lab visit , Host: Prof. Dr. R.P. Sijbesma, Molecular Science & Technology, Eindhoven University of Technology, Eindhoven, the Netherlands	Molecular Science & Technology, Eindhoven University of Technology, Eindhoven, the Netherlands	19 th July 2010
6.	Novel Triphenylene-Imidazole-based discotic ionic liquid crystalline dimers (Poster)	23rd International Liquid Crystal Conference	Jagiellonian University Conference Centre, Kraków, Poland	11–16 July, 2010
7.	Novel Triphenylene-Imidazole-based discotic ionic liquid crystalline dimers (Poster)	17 th National Conference on Liquid Crystals	Veer Narmad South Gujarat University, Surat	15-17 November 2010

8.	Novel Benzene-bridged Triphenylene-based Discotic Dyads (Poster)	16 th National Conference on Liquid Crystals	University of Lucknow, Lucknow	26-28 October 2009
9.	Microwave-assisted facile synthesis of discotic liquid crystalline symmetrical donor-acceptor-donor triads (Oral)	Inhouse meeting, Raman Research Institute	Raman Research Institute Bangalore	4 th November , 2008
10.	Synthesis and characterization of discotic liquid crystalline symmetrical donor-acceptor-donor triads (Poster)	15 th National Conference on Liquid Crystals	Indian Institute of Science, Bangalore	13-15 October 2008
11.	Microwave-assisted facile synthesis of discotic liquid crystalline symmetrical donor-acceptor-donor triads (Poster)	International Conference on Functional Materials, FM2008	IIT Madras	27-29 November 2008

Seminars/Webinars/Workshops/Conferences Organized:

Sl. No.	Seminars/Webinars/ Workshops/ Conferences	Organized By	Period	Convener/ Coordinator/ Member
1.	NIL	NIL	NIL	NIL

Seminars/Webinars/Workshops/Conferences Attended:

Sl. No.	Seminars/Webinars/ Workshops/ Conferences	Organized By	Period
1.	NATIONAL WEBINAR ON RECENT ADVANCEMENTS IN CHEMISTRY (NWRAC-2020)	Department of Chemistry Arignar Anna Government Arts and Science College Karaikal, U. T. of Puducherry — 609605	09-06-2020
2.	One-day National Live Webinar on "A Confluence of Researching Minds 2020: Plagiarism Tools and Mendeley Reference Management System"	BGCW & KMGIPGS, Puducherry	29-05-2020
3.	Reviewing Sterile Products: Examining the Factors Required for Release	Reading Scientific Services Limited Reading Science Centre Whiteknights Campus, Pepper Lane, Reading, RG6 6LA	06-05-2020
4.	National Workshop on Advanced Materials for Energy Conversion and Storage (AMECS-2020)	Department of Physics Arignar Anna Government Arts and Science College Karaikal, U. T. of Puducherry — 609605	27-02-2020
5.	National Seminar on Biological Chemistry: Advancing Frontiers	Chemistry Department, D. D. U. Gorakhpur University, Gorakhpur	22-03-2005 to 23-03-2005

Other Relevant Information: Period of Research Experience: 3 Years and 10 Months

Sl.No.	Designation	Institute	Period
1.	Research Associate	Indian Institute of Science Bangalore	01-08-2017 to 23- 01-2018
2.	Dr. D. S. Kothari Post Doctoral fellow	Indian Institute of Science Bangalore	10-07-2014 to 09- 07-2017
3.	Research Associate	IISER Mohali	29-05-2012 to 18- 09-2012
4.	Junior Research Fellow	National Chemical Laboratory Pune	07-12-2004 to 30- 06-2005