




SLC (University of Delhi) Shyam Lal College



NAAC A++

Faculty Profile

Title	Dr.	First Name	Padma	Last Name	Dechan	Photograph
Designation	Assistant Professor					
Department	Chemistry					
Address	R/O Thiksay, Yoksrang, Leh-Ladakh, UT of Ladakh, Pin Code 194201					
Email	padma.dechan@shyamlal.du.ac.in					
Web-Page						
Educational Qualification						
Degree	Subject		University/ College/Institution		Year	
Bachelor of Science	Botany, Zoology, Chemistry		Govt. College for Women, Parade, Jammu, University of Jammu		2013	
Master of Science	Chemistry		University of Jammu		2015	
PhD	Bio-Inorganic Chemistry		University of Jammu		2021	
Experience						
	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/Ad-hoc)	From	To	Effective time period	
Teaching						
Research/ Corporate						
Consultancy						
Teaching-Learning Process (Academic Year 2022-23 Onwards)						
Are You using ICT (LMS, E-Resources)?	If yes, please give the details below:					
	Name			Total Numbers		
E-Resources						
Techniques and Platforms	Google Meet, Zoom, MS Word, MS Office etc.					
Career Advancement and Contribution to College Corporate Life (2022-23 Onwards)						
	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To		
Convenor/Member of Committees	Fine Arts Committee (Performing)	Member	2023			
	Fee Concession Committee (Science)	Member	2023			
	Research and Development (R&D) Cell	Member	2023			
	One Week Online Faculty Development Programme on "Recent Advances in Basic and Applied Sciences"	Organising Member	11-12-2023	16-12-2023		
Any Other						

Administrative Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation

S.No.	Areas of Interest/ Specialisation
1.	Inorganic Chemistry (Metalloporphyrins)
2.	Spectroscopy
3.	Analytical Chemistry
4.	Crystallography

Subjects Taught

S.No.	Subject	S.No.	Subject
1.	Basic Concepts of Organic Chemistry		
2.	Main Group Chemistry		
3.	Periodic Properties and Chemical Bonding		
4.	Chemistry of S and P block Elements		
5.	Lab Safety and Operations		
6.	Green Chemistry		

Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index

Title of Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index	h-Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations	Impact factor, if any
Synthesis and characterisations of non-covalently bound aniline-indium (III) porphyrins	Padma Dechan, Shrdha Anand, Punnet Sood, Gauri D. Bajju*	Journal of Materials Science: Materials in Electronics	2021			Department of Chemistry, University of Jammu. AMRC, IIT, Mandi, HP. G. G. M Science College, Canal Road, Jammu		2.779
Preparations of Core H ₂ O Bound 5, 10, 15, 20-Tetrakis-4-chlorophenyl Porphyrin, P ₁ , and O Methylation of Phenol and Its P Substituted Analogues	Padma Dechan, Gauri Devi Bajju*	ACS Omega	2020			Department of Chemistry, University of Jammu		4.132
A hypervalent Bismuth (III) derivative of Tetrakis-4-methoxyphenyl porphyrin: Synthesis, spectroscopic characterisation and morphological investigations	Padma Dechan, Gauri Devi Bajju*	Journal of Molecular Structure	2020			Department of Chemistry, University of Jammu		3.841
Crystal Structure, Hirschfeld	Padma Dechan, Gauri Devi	Crystallography	2020			Department of Chemistry,		0.7

Surface Analysis, and Absorption Spectra of a New Polymorph of Highly Symmetric Tetrphenylporphyrinato Zn(II), ZnTPP	Bajju*	Reports				University of Jammu		
Trans A ₂ B ₂ Porphyrins: "Synthesis, Crystal Structure Determinations and Hirshfeld Surface Analysis	Padma Dechan, Gauri Devi Bajju*, Punnet Sood	Chemistry Select	2020			Department of Chemistry, University of Jammu. AMRC, IIT, Mandi, HP		2.307
Synthesis and spectroscopic properties of axial phenoxide and para amino phenoxide incorporated indium (III) porphyrins	Padma Dechan, Gauri Devi Bajju*	Journal of Molecular Structure	2019			Department of Chemistry, University of Jammu		3.841
Crystallographic elucidations of indium (III) porphyrin conformations, morphology and aggregation behaviour: Comparative optical study of free base porphyrins and their indium (III) derivatives at varying pH	Padma Dechan, Gauri Devi Bajju*, Punnet Sood, Umar Ali Dar	Journal of Molecular Structure	2019			Department of Chemistry, University of Jammu. AMRC, IIT, Mandi, HP		3.841
Synthesis and single crystal structure of a new polymorph of 5, 10, 15, 20-tetrakis-(4-chlorophenyl) porphyrin, H ₂ TTPCl ₄ : Spectroscopic investigation of aggregation of H ₂ TTPCl ₄	Padma Dechan, Gauri Devi Bajju*, Punnet Sood, Umar Ali Dar	Molecular Crystals and Liquid Crystals	2019			Department of Chemistry, University of Jammu. AMRC, IIT, Mandi, HP		0.7
Complexes of Nickel (II) with Peripherally Substituted Porphyrin; Synthesis, Spectral and Biological Evaluation	Gauri D. Bajju*, Altaf Ahmed, Sapna Katoch, Ashu, Gita Devi, Deepmala, Padma Dechan	International Journal of Scientific & Engineering Research	2017			University of Jammu		1.4

Books and Chapters in Edited Volumes/Books published, and papers in National /International conference

Proceeding per teacher during the Year						
Title of Book/Paper/ Book Chapter		Publisher	National/International	Year		
Conference/ Seminar/ Symposium/ Workshop/ Presentation						
Sr. No.	National/ International/state	Topic	Presentation/Attended /Resource Person	Date	Duration	
1.	International	DRUG DISCOVERY, DEVELOPMENT AND VACCINATION	Attended	Sep, 13, 2020	One day	Webinars
2.	National	AWSAR (Augmenting Writing Skills for Articulating Research) Webinar on Popular Science Writing	Attended	Sep, 01, 2020	One day	
3.	National	National Level Seminar on Science and Technology: Rural Development	Oral Presentation	Dec, 10-11, 2019	Two days	Conferences / seminars
4.	National	Two day National Science Conference	Oral Presentation	Mar, 19-20, 2018	Two days	
5.	International	Advances in Mathematical, Physical and Computer sciences (ICAMPCS-2018)	Poster Presentation	Feb, 12-13, 2018	Two days	
6.	National	National Science Conference on "Science, Society and Sustainable Development"	Oral Presentation	Nov, 25-26, 2017	Two days	
7.	International	International Multi-Stream Conference on Research and Society	Poster Presentation	Oct, 29, 2017	One day	
8.	State	12th JK Science Congress on the theme "Science and Technology: Emerging Trends and Innovations"	Poster Presentation	Mar, 2-4, 2017	Three days	
9.	National	11th National Conference of the Indian Thermodynamics Society on "Advances in Chemical Sciences and Thermodynamics"	Poster Presentation	Dec, 2-3, 2016	Two days	
10.	State	4th JK Women Science Congress	Poster Presentation	Sep, 1-3, 2016	Three days	
						Workshops
Research Projects/ Innovation Projects (Major Grants/Research Collaboration)						
S.No.	Title of the Project		Funding Agency	Status/Output		
Research Guidance (Ph. D./ M. Phil.)						
			No. of Ph.D. Students	No. of M.Phil. Students		

Awarded		
Submitted		
Under Progress		

Fellowships/Awards /Distinctions/Recognitions

Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Designation	Name of the Academic Bodies /Association	International /National/ State
Jan-Feb, 2021	Elite + Silver Certificate on successfully completing "Basics in Inorganic Chemistry" Course	Elite + Silver Certificate	Indian Institute of Technology, Bombay	National
April 2018–March 2021	Awarded Senior Research Fellowship (SRF)	Research Fellowship	Council of Scientific and Industrial Research (CSIR)	National
Sep-Dec, 2020	Elite Certificate on successfully completing "Analytical Chemistry" Course	Elite Certificate	Indian Institute of Technology, Kharagpur	National
April 2016–March 2018	Awarded Junior Research Fellowship (JRF)	Research Fellowship	Council of Scientific and Industrial Research (CSIR)	National
2012	3rd Prize in Classical dance (Solo)	Top Three Winner	"Display Your Talent" organized by University of Jammu	State

Incentive to the teachers who receive recognition/awards

State	National	International

Association with the Professional Bodies

	Name of the Organisation	Year
Membership		
Any Other		

Development of E-Learning Delivery Process/Material

S.No.	Title of the Module	Recognized by/Submitted at/ Delivered at any government setup

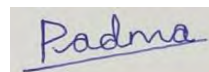
Refresher/ Orientation Programme/ FDP / Other Specialised Courses

S.No.	Topic	Name of the Organiser	Place	Duration and Year
1.	One Week Online Faculty Development Programme on "Recent Advances in Basic and Applied Sciences"	IQAC & Department of Physics and Chemistry, Shyam Lal College, University of Delhi in Collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi	Online	Dec, 11-16, 2023
2.	Two-week Interdisciplinary Refresher Course on "Advanced Research Methodology"	Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Gokul Das Hindu Girls' College (Affiliated to Agra University) Moradabad and	Online	22-08-2023 to 05-09-2023

		Hindu College (M. J. P. Rohilkhand University, Bareilly) Moradabad		
3.	Faculty Induction/Orientation Programme	Teaching Learning Centre, Ramanujan College, University of Delhi	Online	22-06-2023 to 21-07-2023
4.	Four week online Course in "Basics in Inorganic Chemistry"	Indian Institute of Technology, Bombay	Online	Jan-Feb, 2021
5.	Twelve week online Course in "Analytical Chemistry"	Indian Institute of Technology, Kharagpur	Online	Sep-Dec, 2020
6.	One week online Short Term Course on "Chemistry of Advanced Functional Materials (CAFAM-2020)"	Department of Chemistry, National Institute of Technology, Srinagar (J&K)	Online	Sep, 21-25, 2020

Declaration

I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge.



Dr. Padma Dechan

Signature with Full Name