



Faculty Details proforma for College Web-site



Title	Dr	First Name	Rashmi	Last Name	Thukral	Photograph
Designation	Professor					
Address	Vesta-4, Assotech Celeste Towers Sector-44 Noida					
Phone No Office	26412547					
Email/ Web-Page	rashmithukral@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
Ph.D in Chemistry	Department of Chemistry, Panjab University, Chandigarh				1992	
MSc Hons school in chemistry	Department of Chemistry, Panjab University				1987	
BSc Hons school in chemistry	Department of Chemistry, Panjab University, Chandigarh				1986	
Career Profile						
Teaching Experience-27 years -September 2000 till date: Working as Professor in Acharya Narendra Dev College, D.U -July 1995-August 2000: Worked as Lecturer on temporary basis in Acharya Narendra Dev College -July 1994-March 1995: Worked as Lecturer (Adhoc) in Acharya Narendra Dev College, -October 1993-April 1994: Worked as Lecturer (Adhoc) in ARSD College, D.U Research Experience- -September 1991-March 1992: Worked as SRF (CSIR) in Department of Chemistry, P.U -March 1992-September 1993: Worked as SRF (CSIR) in Department of Chemistry, D.U						
Administrative Assignments						
<ul style="list-style-type: none">▪ Convenor of Admission Committee (2014-2016)▪ Convenor Professional Development & Faculty Enrichment Committee (2010-2012)▪ Convenor, Chemical Society, Abhikriya (2006-2008)▪ Teacher-In-Charge, Chemistry Department (2008-2010)▪ Teacher -In-Charge, Physical Sciences (2016-2018)▪ Member, Eco club▪ Member, Maintenance Committee▪ Member, Academic Committee▪ Member, Purchase Committee▪ Member, Time Table Committee▪ Member, Examination Committee▪ Member, Committee for Remedial Classes▪ Member, Women welfare Society Sashakt▪ Member, Alumini Committee						

<ul style="list-style-type: none"> ▪ Member Eco club, Environment society ▪ Member Canteen Committee ▪ Member, Mentorship and Counselling 							
Areas of Interest / Specialization							
Research-Synthesis of Juvenile Hormones -Synthesis of Chalcones -Synthesis of Nanoparticles				Teaching-Organic Chemistry			
Subjects Taught							
Organic Chemistry-II, Oxygen Containing Functional Groups Organic Chemistry-III, Heterocyclic Chemistry							
Research Guidance							
Publications Profile							
S. No	Title of the Paper	Journal Name	Year	Vol. No	Page No	ISSN No.	
1)	Juvenile hormone analogues active on mosquitoes: Synthesis and juvenile hormonal activity of newly synthesized long chain alkoxy alkyl phenyl ethers	Archives of Pharmacal Research	1999	22(5)	502	0253-6269	
2)	Juvenile hormone analogues active on mosquitoes: Synthesis and Biological activity of hydrocarbon Juvenoids with pinene and substituted cyclo-hexane ring in the terminal position	Indian Journal of Chemistry	2000	39B	21	0376-4699	
3)	Juvenile hormone analogues active on mosquitoes: Synthesis and Juvenile hormonal activity of newly synthesized juvenoid ethers with pinene and substituted cyclo-hexane ring in the terminal position	Journal of Indian Chemical Society	2001	78	197	0019-4522	

4)	Stereospecific synthesis of piperidine and 10-11 dihydro piperidine.	Journal of Indian Chemical Society	1990	67	318	0019-4522	
5)	Synthesis and Juvenile hormonal activity of long chain aromatic hydrocarbons and their derivatives	Journal of Indian Chemical Society	1990	67	140	0019-4522	
6)	Copper nanoparticles in an ionic liquid:An efficient catalyst for the synthesis of bis-(4 hydroxy-2oxothiazolyl) Methanes	Tetrahedron Letters	2008	49	727	0040-4039	
7)	Copper nanoparticles in an ionic liquid:An easy and efficient catalyst for the coupling of thiazolidine-2,4dione,aromatic aldehyde and ammonium acetate	Catalysis Communications	2008	9	1618	1566-7367	
8)	A novel route for the synthesis of Indium nanoparticles in ionic liquid	Materials Letters	2008	62	4164	0167-577X	

9)	Copper nanoparticles in ionic liquid: An easy and efficient catalyst for selective Carba Michael Addition Reaction	Catalysis Letters	2009	127	119	1011-372X	
10)	Synthesis Characterization of Silver and Gold nanoparticles in ionic liquid	Spectro Chemica Acta Part-A	2009	73	218	1386-1425	
11)	Copper nanoparticles in ionic liquid: An easy and efficient catalyst for Addition Elimination reaction between active methylene compounds and imines in an ionic liquid	Catalysis Letters	2009	130	648	1011-372X	
12)	Synthesis and Electro chemical studies of charge transfer complexes of thiazolidine2,4-dione with σ and π acceptors	Spectro chimica Acta Part-A	2010	75	983	1386-1425	
13)	Phosphotungstic Acid: An efficient catalyst for the aqueous phase synthesis of Bis-(4hydroxy coumarin-3yl) methanes	Catalysis Letters	2010	134	303	1011-372X	
Conference / Presentations /Workshops							

- National Symposium on Biotechnology:Expanding Horizons in Oct 2003
- International Conference on Chemistry Biology Interface:Synergistic New Frontiers Nov 2004
- Indo-US Workshop on Green Chemistry Jan-2006
- Workshop on Linux and Free Open Source Softwares Dec-2007
- National Symposium on Chemistry in Biology:The Future of Lifesciences Feb 2010
- International Conference Open 2011-Open Paradigms in Education(Jan 2011)
- National Symposium and Workshop on Fingerprint Technology(Feb 4-5,2014)
- As resource person in workshop organized for school teachers (20-21 Jan,2016). Science Pedagogy Laboratory Learning to Class Room Teaching.
- Attended and Presented paper in an international conference ICMCESA-2022(Feb22-28,2022).
- Attended and presented paper in an international conference ICRACS-2022(8-9 April,2022)
- Attended faculty development program-Building Academic Leaders for 21st Century Higher Education organized by GAD TLC on 14-20 April 2022.
- Attended faculty development program-Safer and Greener Chemistry Labs organized by GAD TLC (19-25July 2022).
- As Coordinator and resource person in workshop organized in five schools on Safer and Greener Chemistry Labs under mentorship program with GAD TLC..(28th Jan-31st Jan,2023)
- As Coordinator and resource person in workshop organized for undergraduate students/non teaching staff/faculty in the college in collaboration with GAD TLC on Safer and Greener Chemistry Labs.(13th Jan2023).
- Mentored seven interns in a community outreach program on Safer and Greener Chemistry Labs in association with Indian Cancer Society, Delhi and GAD TLC,under PMMMMNMTT of the Ministry of Education (1st Dec,2022-28th Feb,2023).
- Participated in an International-Online Conference on Emerging Trends in Higher Education jointly organised by NPTC Group of Colleges &UK Awards ,UK and GAD TLC,SGTB Khalsa College,DU from March 28-March 29,2023.

Research Projects (Major Grants/Research Collaboration)

DBT Star Project-Synthesis and Biological Activity of Chalcones on mosquitoes.

Awards and Distinctions

- National Merit Scholarship in B Sc.(Hons School) for securing 1st position in University
- Prof.Prem Singh Silver Medal for standing 1st in BSc.(Hons School)
- University medal for standing first in University in B Sc.(Hons School)
- University medal for standing first in University in M Sc(Hons School)

Association With Professional Bodies

- Life time membership of Indian Society of Analytical Scientists Delhi Chapter India
- Life membership of Indian Association of Chemistry Teachers
- Life membership of The Indian Science Congress Association

Other Activities

Involved in the development of Teacher's e-kit (e-content in Four Quadrants Format)in Chemistry at GAD-TLC of MHRD. Publication in Indian Patent Office Journal No-37/2021 dated 10/9/21.
Mentored seven interns in a Community outreach program on Safety and Greener Chemistry Labs in association with GAD TLC,SGTB Khalsa College,D.U under PMMMMNMTT of the Ministry of Education.(1 Dec,2022-28 Feb,2023)

Rashmi Thukral
Signature of Faculty Member