




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	Pallavi	Last Name	Agarwal	Photograph
Designation		Assistant professor (Ad-hoc)				
Address		Department of chemistry, Shivaji college				
Office Phone No.						
Residence		25/140 Shakti Nagar Delhi-110 007				
Mobile		+919971200330				
Email		pallaviagarwal66@gmail.com				
Web-Page						
Educational Qualifications						
Degree		University/Institute			Year	
Ph.D.		University of Delhi			2017	
M.Phil./M.Tech.		-			-	
PG		University of Delhi			2010	
UG		University of Delhi			2008	
Any Other Qualification		CSIR- NET- JRF			2010	
Career Profile						
		Assistanat professor (Ad-hoc) ANDC college university of Delhi – 2017 Assistanat professor (Ad-hoc) Shivaji college college university of Delhi – 01/01/2018-till date				
Administrative Assignments						

Areas of Interest/Specialisation

Inorganic chemistry

Subjects Taught

Coordination chemistry, s and p block elements and thermochemistry

Innovation Project/Research Projects (Major Grants/Research Collaboration)

“ Six-Membered Cyclopalladated N,N,N' -Triarylguanidines Ligated with Pyrazole and Substituted Pyrazoles and Cadmium(II) Pivalate Complexes. Syntheses, Structural Aspects, and Catalysis”

Publications Profile (Research Papers/Books)

“Six-membered Cyclopalladated N,N,N' -Triarylguanidines, $[\{\kappa^2(C,N)Pd\}_2(m-OAc)(m-Pz)]$, $[\kappa^2(C,N)Pd(m-Pz)]_2$ and a Novel $[AgNO_3]\{\{\kappa^2(C,N)Pd\}_2(m-NO_3)(m-Pz)\}$: Syntheses, Reactivity Studies, Structural Aspects, and Solution Behavior” **Pallavi Agarwal**, Jisha Mary Thomas, Chinnappan Sivasankar, Munirathinam Nethaji, Natesan Thirupathi, *Polyhedron*, **2016**, 117, 679–694.

“Syntheses, Structural Aspects, Solution Behavior and Catalytic Utility of Spirocyclic Cyclopalladated N,N,N' -Triarylguanidines, $[\kappa^2(C,N)Pd(PzH)_2X]$ (Aryl = 2-Tolyl, 2-Anisyl, and Phenyl; PzH = 3,5-Dimethylpyrazole, and Pyrazole; X = Br, OC(O)CF₃, and PF₆) in Suzuki-Miyaura Coupling Reactions of Aryl Bromides” **Pallavi Agarwal**,

Natesan Thirupathi, Munirathinam Nethaji, *Organometallics*, **2016**, *35*, 3112–3123.

Conference/Seminar/Faculty Development Programme/Workshop

P. Agarwal, N. Thirupathi, presented a poster entitled "*Reactivity Studies of Guanidine Derived Six-membered [C,N] Palladacycles with Bifunctional Lewis bases and Structural Aspects*" presented at "New Dimensions in Chemical Science" conference held in Indian Institute of Technology Delhi, Delhi-110016 on 7th Dec 2012.

Agarwal, P.; Thirupathi, N. 2013 *Reactivity studies of cyclopalladated N,N',N²-triarylguanidines with pyrazole and substituted pyrazoles structural aspects and solution behavior of new palladacycles* In Abstract "Modern Trends in Inorganic Chemistry (MTIC-XV)" p. 77, Indian Institute of Technology Roorkee, Roorkee-247667.

Agarwal, P.; Thirupathi, N. 2016 The influence of synthetic routes upon the formation of $[Cd(k^2O,O'-OC(O)^tBu)_2(H_2O)_2]$ and $\{Na_2[Cd(k^2O,O'-OC(O)Me)(k^2O,O'-OC(O)^tBu)(OC(O)^tBu)_2] \cdot 2^tBuC(O)OH\}_\infty$ In Abstract "Chemical Research Society of India (CRSI 2016)" p. 9, Punjab University Chandigarh-160014.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions
Received Senior Research Fellowship from University Grants Commission, India from January 2013 to December 2015.
Received Junior Research Fellowship from University Grants Commission, India from January 2011 to December 2013.
Qualified JOINT CSIR-UGC TEST FOR JUNIOR RESEARCH FELLOWSHIP (JRF) AND NATIONAL ELIGIBILITY FOR LECTURESHIP (NET) in Chemical Sciences, June 2010
Memberships
Member of NSS
Other Academic Activities
Cultural/Extracurricular Activities

Signature of Faculty Member