

Government College Madappally

Faculty Profile

Name of Faculty	Dr. NIJESH K		
Department	CHEMISTRY		
Designation	ASSISTANT PROFESSOR		
Email ID	nijesharur@gmail.com		
Teaching Experience(Yrs)	Three year for UG and PG		
Field of Research(if any)	Computational and Theoretical Chemistry		
Research Activities			
Major and Minor projects undertaken	Nil		
List of publications	<p>1. "Singlet 2-adamantylidene - An ambiphilic foiled carbene stabilized by hyperconjugation" V. C. Rojisha, K. Nijesh, S. De, P. Parameswaran, <i>Chem. Commun.</i> 2013, 49, 8465.</p> <p>2. "2-Adamantylidene and its heavier analogues: Hyperconjugation versus lone pair stability and electrophilicity versus nucleophilicity" K. Nijesh, V. C. Rojisha, S. De, P. Parameswaran, <i>Dalton Trans.</i> 2015, 44, 4693.</p> <p>3. "Multiple cycloaddition reactions of ketones with a β-diketiminato Al compound" S. P. Sarish, P. P. Samuel, H. W. Roesky, C. Schulzke, K. Nijesh, S. De, P. Parameswaran, <i>Chem. Eur. J.</i> 2015, 21, 19041.</p> <p>4. "An aluminium dihydride working as a catalyst in hydroboration and dehydrocoupling" Z. Yang, M. Zhong, X. Ma, K. Nijesh, S. De, P. Parameswaran, H. W. Roesky, <i>J. Am. Chem. Soc.</i> 2016, 138, 2548.</p> <p>5. "Homopolar dihydrogen bonding in ligand stabilized diberyllium hydride complexes, Be₂(CH₃)₂H₂L₂ (L = H-, CO, N-heterocyclic carbene and CN-)" K. Nijesh, S. De and P. Parameswaran, <i>Dalton Trans.</i> 2016, 45, 7836.</p>		
Administrative responsibilities			
Students related activities	Young Innovative Program (YIP) Coordinator		
Books published	Nil		
Awards/Honours	Nil		
Countries visited	Nil		
Address for correspondence (with pincode)	rikkeeriyil (HO), Arur (P. O.), Kakkattil (Via), Kozhikode, Kerala, 673507 (PIN), 8547967560 (Mo		
Academic qualifications			
Name of Degree	Name of Board/University	Year of passing	Subject
Graduation	Calicut University	2003	B. Sc. Chemistry
Post graduation	Bharathidasan University	2005	M. Sc. Chemistry
Ph.D	National Institute of Technology Calicut (NITC)	2017	Computational and Theoretical Chemistry
B. Ed.	Mahathma Gandhi University	2007	Physical Science