



**Department of Chemistry
& Research Centre
Pope's College
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Name: Dr. ILAVARASI JEYAMALAR J.

M.Sc., B.Ed., M.Phil., Ph.D.

Designation: Assistant Professor of Chemistry

I. Academic Details				II. Research Details	
Area of Specialization		Green Chemistry Heterogeneous Catalysis Nano Porous Materials Metal Complexes Energy and Environmental Science		Research Publications	
				Publications	No. of Publications
				Journals	9
Research Experience		6 Years		Conferences	19
Teaching Experience		8 Years		Citations and Indexing	
Ph.D. Guidance		On-going: - Completed: -		Citations	
				Google scholar	3
Programme(s)	Organized	Attended		Scopus	
Workshops		2		Web of Science	
Seminar	1	3		Indexing	
Conference		9		Google Scholar	6
Webinar	1	13		Scopus	3
Additional Responsibilities 1. Doctoral Committee Member for the Research Scholar of MSU 2. 3. 4.				Web of Science	1
				Patent Details	
				Research Projects/ Amount in Rs. -	
Invited Talks Delivered Countries Visited Awards / Recognition Nil				III. Personal Details Date of Birth : 21.03.1977 Email Id : ilavarasichem@gmail.com Contact No 9940418412 Orcid Id 57191361550 Google Scholar Id: ILAVARASI JEYAMALAR	
Membership in Professional Bodies				-	

List of Significant Publications

Articles Published in Reputed Journals:

- [1] A simple method for the synthesis of thermally stable large pore mesoporous aluminophosphate molecular sieves, C. Kannan, K. Sivakami, J. Ilavarasi, *Materials Letters*, 113 (2013) 93–95.
- [2] Green Catalytic Synthesis of Polyglycerol Over Green Carbon, C. Kannan, J. Ilavarasi and A. M. Maybel, *International Journal of Current Research*, 6 (2014) 6588-6593.

- [3] A Simple Method for the Synthesis and Characterization of Zn incorporated Thermally stable Hexagonal Mesoporous Silica based Molecular sieves , J. Ilavarasi , C. Kannan, *International Journal of Chem Tech Research*, 6 (2014) 2171-2174.
- [4] Green Synthesis of Energy Rich Petroleum Additive Over Mg-KMSU-11 Solid Acid Catalyst, C. Kannan and J. Ilavarasi , *Asian Journal of Chemistry*, 26 (2014) 81-84.
- [5] Calcination of Molecular Sieves by Simple Technique Enhancing Thermal Stability of Novel Nanoporous Material J. Ilavarasi C. Kannan, *International Journal of Current Research*, 8 (2016) 27463-27466.
- [6] Synthesis and Characterization of Novel Mesoporous Al-KMSU Silica Catalyst with High Thermal Stability. J. Ilavarasi , M. A. Mary, C.Kannan, *Journal of Chemical and Pharmaceutical Sciences*, 9 (2016) 2464-2466.
- [7] A New Template for the synthesis of Nanoporous silicate Material, M. A. Mary, J. Ilavarasi, C.Kannan, *Journal of Chemical and Pharmaceutical Sciences*, 9 (2016) 2460-2463.
- [8] Biodiesel Production from Castor Oil in the Liquid Phase using Acidic Alumina as A Catalyst. K. Shanmugalakshmi , M. A. Mary Thangam , J. Ilavarasi Jeyamalar , Chellapandian Kannan, *J. Environ. Nanotechnol*, 8 (2019) 38 – 41.
- [9] Green synthesis, characterization and catalytic degradation studies of metal nanoparticles against malachite green, P Pon Matheswari, J Ilavarasi Jeyamalar and R Nandini Asha, *The Pharma Innovation Journal*, 8(6) (2019) 968-974.