Name of the Teaching Staff	Dr. L. Emmanuvel			
Designation	Assistant Professor			
Department	Department of Applied Chemistry			
School	School of Sciences, Media and Management			
Date of Joining the Institution	30-07-2012			
Qualification with Specialization	UG	PG	Ph.D.	
	Chemistry	Organic Chemistry	Organic Chemistry	
Value Additions				
Research Expertise	Organic Synthesis, Medicinal Chemistry, Organic methodology, Transition metal catalyzed transformations			
Subjects Teaching	Under Graduate		Post Graduate	
	Environmental Studies Applied Chemistry Applied Chemistry Lab Forensic Science Lab Inorganic Chemistry Lab		Organic Reaction mechanism and Stereochemistry Synthetic methodology and Natural products Synthetic reagents and concerted reactions	

Total Experience in Years	Teaching	Industry	Research	
	9	1.5	18	
Papers Published	National	-	International	23
Papers Presented in Conference	National	-	International	-
Conferences / Symposiums / Seminars / Workshops Participated	National	8	International	2
FDP / STTP / MDP / Summer / Winter School attended	1			
M.Phil. / Ph.D. Guide ship	Field		University	
Ph.D. Projects Guided	Ph.D.s	2	Project at Master's Level	12
Professional Memberships	-			

Consultancy Activities	
Awards & Honours	➢ **Research Fellowship (**2003-2008)**:** JRF and SRF Awarded by the Council of Scientific and Industrial Research (CSIR), India. Qualified as one of the top 20% JRFs ➢ Qualified **Graduate Aptitude Test in Engineering** (GATE, 2003) with 97.5 percentile. AIR 72. ➢ **Gold Medal (2003)** in M. Sc. Chemistry, University of Madras, Chennai, India. ➢ **Gold Medal (2001)** in B. Sc. Chemistry, Sacred Heart College, Tirupattur, Tamil Nadu, India
Grants Fetched	Synthesis of highly substituted heterocycles via cyclization of novel metal carbenoids and investigation of their biological activities, DST-SERB- Total fund: 2600000 (2014-2017)
Interaction with Professional Institutions	
Educational Details with Institute / University Name	**Degree** **Year** **Subject** **University** Post-Doc 2009-2010 Organic Chemistry Nanyang Technological University, Singapore Ph.D. 2003-2009 Organic Chemistry National Chemical laboratory, Pune, Maharashtra University of Pune M.Sc. 2001-2003 Organic Chemistry University of Madras, Guindy Campus, Chennai B.Sc. 1998-2001 Chemistry Sacred Heart College, Tirupattur
Experience	Name of the company Period 1 Research Investigator, Syngene International Mar 20011- Jul 2012

	Ltd, A Biocon Company, Bangalore. 2 Assistant Professor Aug 2012- Present School of Science and Humanities Karunya Institute of Science and Technologies, Coimbatore Tamil Nadu
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1 Emmanuvel, L.; Shaikh, T. M. A.; Sudalai, A. $NaIO_4$/LiBr-mediated diastereo selective dihydroxylation of olefins: A catalytic approach to the Prevost-Woodward reaction *Organic Letters*, **2005**, *7*, 5071.

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13 Ahuja, B.B., Emmanuvel, L., Sudalai, AA Formal Enantioselective Synthesis of (-)-Epiquinamide by Proline-Catalyzed One-Pot Sequential α-Amination/Propargylation of Aldehyde and Asymmetric Dihydroxylation of Olefin. *Synlett* **2016**, *27*,1699

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Papers Presented in Conference

Patents

1. Emmanuvel, L, Ramesh Kumar, N. S. C, Ravi, S, Gurunath, S, Sudalai, A and Sivaram, S. Novel reusable transition metal complex catalyst useful for the preparation of high pure quality 3,3'-diaminobenzidine and its analogues and a process thereof US2009131678 (A1)

Books / Book Chapters

Research Group Members

Dr. R. Nagarajan
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