



**ST. JOSEPH'S COLLEGE OF ENGINEERING,  
CHENNAI - 119**

**DEPARTMENT OF SCIENCE & HUMANITIES**



**List of Journal Publications and Conference Presentations  
2014-15**

Department	Journal		Conference		Total No. of Publication
	International	National	International	National	
MATHEMATICS & ENGLISH	5	1	0	1	7
SCIENCE	7	0	0	2	9

## DEPARTMENT OF MATHEMATICS & ENGLISH

### 1. International Journals:

Sl. No	Name of the Staff	Title of the Paper	Details of the Journal Title of the Journal, Volume, Pages, Year
1	Dr. V. Vallinayagam	Non-Linear Regression Models for Heart Attack Data - An Empirical Comparison.	Indian Journal of Applied Research, Vol-4(6), Page:332-334, June 2014.
2	Dr. V. Vallinayagam	Clinical trial data analysis using competing risk models.	Global Journal for Research Analysis, Vol-3, Page: 74-76, August 2014
3	Dr. V. Vallinayagam	Multiple Regression Model and Similarity Analysis - A comparison study	Indian Journal of Applied research, Vol-4(8), Page:29-32, August 2014
4	Dr. V. Vallinayagam	Data mining techniques for text mining.	International Journal of Life Science and Mathematics, Vol-2(2), Page: 1-6, Feb-2015
5	Dr. K. Sasikala	Some combinatorial results on measures and codes of partial array languages.	International Journal of Computational Science and Engineering, Volume 4(1) Page: 1-8 Sep-2014

## 2. National Journals:

Sl. No	Name of the Staff	Title of the Paper	Details of the Journal Title of the Journal, Volume, Pages, Year
1	Dr. K. Sasikala	Collage in partial languages and partial array languages	Indian Journal of Research, Vol: 4 Issue 2, Feb-2015 Page:137-141

## 3. National Conference:

Sl. No	Name of the Staff	Title of the Paper	Conference Name and Organizing Institute details
1	Dr. K. Sasikala	PA CODE in Partial Arrays	National Conference on Technological Research in Information Technology -NTRIT-2014, September 19-20, 2014, VIGNAN UNIVERSITY, Gundur, Andhra Pradesh

## DEPARTMENT OF SCIENCE

### 1. International Journals:

Sl. No	Name of the Staff	Title of the Paper	Details of the Journal Title of the Journal, Volume, Pages, Year
1	P. Saravanan	Development of Environmentally Acceptable Nano-Hybrid Coatings for Bio-Fouling protection	Advanced Materials Research, vol. 938, pp. 269-274, June 2014.
2	P. Saravanan	A comparative study on modified epoxy and glycidyl carbamate coatings for corrosion and fouling prevention	Surface Innovations, vol.3, pp. 127-139, June 2015.
3	N. Punitha	Structural and optical characterization of ZnS nanoparticles co-doped with Ni <sup>2+</sup> and Cu <sup>2+</sup>	International Journal of ChemTech Research, vol. 7 (3), pp. 1586-1589, February 2015.
4	S. Savitha	Spectral, morphological and antibacterial studies of $\beta$ -cyclodextrin stabilized silver - Chitosan nanocomposites	Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy, vol. 136, pp. 1710-1717, February 2015.
5	P. Saravanan	A Correlation Study of the Major and Trace Metals Present in the Riverine Sediments of the River Kortalaiyar in Tamilnadu, India	International Journal of ChemTech Research, vol. 7, pp. 3121-3125, February 2015.
6	P. Saravanan	Studies on biocide encapsulated zeolite-epoxy Nano hybrid coatings on mild steel	Current Bionanotechnology, vol. 1, pp. 37-50, March 2015.
7	P. Saravanan	Development and characterization of novel organic-inorganic hybrid sol-gel films	High Performance Polymers, vol.26, pp.1-9, April 2015.

## 2. National Conference :

Sl. No	Name of the Staff	Title of the Paper	Conference Name and Organizing Institute details
1	S. Suresh	FT-IR and chemometrics investigation to study the effect of bulk and Nano zinc oxide on peanut seeds grown by seed priming method	Recent advances on Luminescent materials (RALM 2015), 23rd - 24th January 2015, Department of Chemistry, Annamalai University, Annamalai Nagar - 608 002 Tamil Nadu, India.
2	K. Jayamoorthy	Benzimidazole based iridium complexes for organic light emitting devices	Recent advances on Luminescent materials (RALM 2015), 23rd - 24th January 2015, Department of Chemistry, Annamalai University, Annamalai Nagar - 608 002 Tamil Nadu, India.