



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

DEPARTMENT OF SCIENCE & HUMANITIES



**List of Journal Publications and Conference Presentations
2015-16**

Department	Journal		Conference		Total No. of Publication
	International	National	International	National	
MATHEMATICS & ENGLISH	5	-	-	-	5
SCIENCE	9	0	0	11	20

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	Software reliability analysis using life time distributions	ARPN Journal of Engineering and Applied Science, Volume 11, Issue 1, Page:566-569, January-16
2	Mr. M. Saravanan	A study on regular fuzzy graphs and Integrity of fuzzy graphs	International Journal of Applied Engineering Research, Vol.10, No. (80), pp.160-164, 2015
3	Mr. M. Saravanan	Integrity of Fuzzy Graphs	Bulletin of the International Mathematical Virtual Institute, Vol. 6(2016), 89-96, Feb 2016
4	Mr. G. Venkat Narayanan	Simple Graphoidal covering number of snake graphs	International Journal of Mathematical Archive, Vol 7, No 2, 120-128, Feb 2016,
5	Dr. K. Sasikala	Periodicity in partial arrays	International Journal of Pure and Applied Mathematics, Volume 101(7), Page: 647-653, 2015

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	S. Kiruba	FT-IR and Micro raman spectroscopic studies of archeological potteries recently escalated in Poomphur, Tamil Nadu India	Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy, vol.145, pp. 594-597, June 2015.
2	N.R. Raja Gopalan	Spectral, thermal, electrical, mechanical and optical studies on pure and Mg ²⁺ doped tetrakis thiourea barium chloride: semi organic nonlinear optical single crystals	International journal of frontiers in science and technology, vol. 3, pp. 124-135, July 2015.
3	P. Saravanan	Studies on silicon containing nano-hybrid epoxy coatings for the protection of corrosion and bio-fouling on mild steel	Silicon, vol. 9, pp. 1-12, September 2015.
4	P. Krishnan	Investigation on the crystal growth and characterization of anorganometallic non-linear optical crystal - Antimony potassium tartrate	Optik - International Journal for Light and Electron Optics, vol. 126, pp. 5339-533, December 2015.
5	P. Saravanan	Switch-On fluorescence and photo-induced electron transfer of 3-aminopropyl triethoxysilane to ZnO: Dual applications in sensors and antibacterial activity	Sensors and Actuators B: Chemical, vol. 221, pp. 784-791, December 2015.

6	N. Punitha	Synthesis, characterization and optical properties of ZnS nanoparticles codoped with Ni ²⁺ and Co ²⁺	Journal of Chemical and Pharmaceutical Research, vol. 8, pp. 115-120, January 2016.
7	S. Savitha,	Spatio- Temporal Variation of Phosphate in the Waters of Kortalaiyar River, Tamilnadu, India	International Journal of Innovative Research in Science, Engineering and Technology, vol. 5, pp. 8674-8677, May 2016.
8	N.R. Raja Gopalan	Contemporary studies on growth and characterization of bis (thiourea) strontium chloride – A potential optoelectronic NLO material	Optik - International Journal for Light and Electron Optics, vol. 7 , pp. 3582-3589, April 2016.
9	K Jayamoorthy	Fluorescence tuning of 2-(1H-Benzimidazol-2-yl) phenol-ESIPT process	Journal of Luminescence, vol. 172, pp. 304-308, April 2016.

2. National Conference:

Sl. No	Name of the Staff	Title of the Paper	Details of the Journal Title of the Journal, Volume, Pages, Year
1	J. Sharmila	Dielectric behaviour of silane functionalized alumina nanoparticles dispersed epoxy resin for improved performance	National conference on recent trends in chemical sciences for energy and environment, 1st and 2nd April 2016, PG and Research Department of Chemistry, Thanthai Hans Roever College, (Autonomous), Perambalur - 621 212, Tamilnadu.
2	S.M. Prakash,	Fluorescence tuning of hydroxy imidazole derivative, National conference on recent trends in chemical sciences for energy and environment	1st and 2nd April 2016, PG and Research Department of Chemistry, Thanthai Hans Roever College, (Autonomous), Perambalur - 621 212, Tamilnadu.
3	S. Savitha	Seasonal Distribution of Heavy metals in Kariachalli and Vilanguchalli Islands Gulf of Mannar, the South East Coast of India	THRC-RTCSEE-2016 National Conference on Recent Trends In Chemical Sciences For Energy and Environment, PG and Research Department of Chemistry, Thanthai Hans Roever College, Perambalur - 621 212, Tamilnadu (Autonomous).

4	P. Saravanan	Environmentally acceptable epoxy nano-hybrid coatings system on mild steel for corrosion and fouling resistance	THRC-RTCSEE-2016 National Conference on Recent Trends In Chemical Sciences For Energy and Environment, PG and Research Department of Chemistry, Thanthai Hans Roever College, Perambalur - 621 212, Tamilnadu (Autonomous).
5	S. Suresh	Combined effect of nanoscale copper and zinc oxides on presoaked peanut seeds and potential variation in leaf by spectral studies	THRC-RTCSEE-2016 National Conference on Recent Trends In Chemical Sciences For Energy and Environment, PG and Research Department of Chemistry, Thanthai Hans Roever College, Perambalur - 621 212, Tamilnadu. (Autonomous).
6	V. Swarnalatha	Development of ecofriendly, anticorrosion and antifouling coatings based on quaternary ammonium salts with N-substituted Acrylamides, THRC-RTCSEE-2016 National Conference on Recent Trends In Chemical Sciences For Energy and Environment	PG and Research Department of Chemistry, Thanthai Hans Roever College, Perambalur - 621 212, Tamilnadu. (Autonomous).
7	K. Jayamoorthy	Twin applications of imidazoles for sensor and organic light emitting device, National conference on recent trends in chemical sciences for energy and environment	1st and 2nd April 2016, PG and Research Department of Chemistry, Thanthai Hans Roever College, (Autonomous), Perambalur - 621 212, Tamilnadu.

8	S.M. Prakash	Catalytic synthesis, NMR, Mass, Single crystal XRD and Computational studies of 2-(1H-Benzimidazol-2-yl)phenol	Recent Trends in Organic Synthesis and Chemical Biology (RTSB - 2015), October 9-10, 2015, Department of Chemistry, Annamalai University, Annamalainagar - 608 002 Tamil Nadu, India.
9	S. Suresh	FT-IR and chemometrics investigation to study the effect of bulk and nano copper oxide on peanut seeds grown by seed priming method	Recent Trends in Organic Synthesis and Chemical Biology (RTSB - 2015), October 9-10, 2015, Department of Chemistry, Annamalai University, Annamalainagar - 608 002 Tamil Nadu, India.
10	P. Saravanan	Performance of non-toxic silane modified nanoparticles loaded epoxy nano-hybrid coatings	Recent Trends in Organic Synthesis and Chemical Biology (RTSB - 2015), October 9-10, 2015, Department of Chemistry, Annamalai University, Annamalainagar - 608 002 Tamil Nadu, India.
11	S. Savitha	Distribution of different metals in Vaan and Kasuwar islands Gulf of Mannar, India	Recent Trends in Organic Synthesis and Chemical Biology (RTSB - 2015), October 9-10, 2015, Department of Chemistry, Annamalai University, Annamalainagar - 608 002 Tamil Nadu, India.

