



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

**DEPARTMENT OF SCIENCE & HUMANITIES**



**List of Journal publications and Conference presentations  
2018-19**

Department	Journal		Conference		Total No. of Publication
	International	National	International	National	
MATHEMATICS & ENGLISH	3	0	1	0	4
SCIENCE	4	0	0	0	4

## 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	A Comparative Study Of Artificial Neural Network Architectures And Support Vector Machine Using Cancer Data	International Journal of Current Research and Modern Education, Vol 3(1) ,63-67 2018
2.	Mr. K. S. Sudhakhar	Detour distance Sequence of grid and grid derived networks,	International Journal of Advanced Research in Biology Ecology Science and Technology, Vol 4(9) 62-67, September 2018
3.	Mr. K. S. Sudhakhar	On the new topological index of certain nanostructures using combinatorial computation,	Journal of Computer and Mathematical Sciences, Vol 9 (9), 1257-1265, September 2018

### 2. International conference

Sl. No	Name of the Staff	Title of the Paper	Details of the Journal Title of the Journal, Volume, Pages, Year
1.	Mr. K. Suresh	Star and Cycle related vertex odd divisor cordial labeling of graphs	International conference on Mathematical modelling analysis and computing (MMAC - 2018), 13-14 December 2018, Thiruvalluar University, Tamil Nadu

## 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.	Dr. S. Suresh	Switch-on fluorescence of 5-amino-2-mercapto benzimidazole by Mn <sub>3</sub> O <sub>4</sub> nanoparticles: Experimental and theoretical approach	Journal of Luminescence. Vol. 198, pp. 28-33, June 2018.
2.	A. Uma Devi	Highly selective and methanol resistant polypyrrole laminated SPVdF-co-HFP/PWA proton exchange membranes for DMFC applications	Materials Chemistry and Physics, vol 212, pp. 533-542, June 2018.
3.	S. Savitha	Distribution of Heavy Metals in the Marine Sediments of Various Sites in Karaichalli Island, Tuticorin, Gulf of Mannar, India	Silicon, vol. 10(4), pp. 1419-1425, July 2018.
4.	Dr. S. Suresh	Antiosteoporotic effect of Hydrilla verticillata against lead induced damage in bone samples of edible fish Labeo rohita - an FTIR approach	Materials Science and Engineering: C, vol. 90, pp. 657-663, September 2018.