

PSG Institute of Technology and Applied Research

List of Publications in National/International Journals (2016-2017)

S. No.	Author Details	Title of Publication	Name of Journal	Year of Publication	Impact Factor
Mechanical Engineering					
1	Mr Manoj Kumar P	Modelling, Simulation and Analysis of Performance Characteristics of an air Breathing fuel Cell	Journal of Advanced Research in Dynamical and Control Systems, Elsevier	2017	0.22
Electronics and Communication Engineering					
2	Dr Vetrivelan P	TB screening using SVM and CBC techniques	Current Pediatric Research & Allie Academies	May 2017	1.63
		A study on Neural Network based Brain Tumour Segmentation	Innovative Applications in Engineering and Technology (IAIET)	July 2017	-
		An Investigation of Bayes Algorithm and Neural Networks for Identifying the Breast Cancer	Indian Journal of Medical and Paediatric Oncology & Medknow Publications	July – Sep 2017	1.07
		Design of Smart Surveillance Security System Based on Wireless Sensor Network	International Journal of Research Studies in Science, Engineering and Technology & Sryahwa Publications	August 2017	1.063
		An Identification of Efficient Vessel Feature for Endoscopic Analysis	Research Journal of Pharmacy and Technology & A and V Publications	September 2017	0.14
		Image Denoising using wavelet based contourlet transform	Perspectivas em Ciencia da Informacao	Nov/ Dec 2017	0.032
		Neural Network Classifier based Blurred and De-Blurred Image Classification for Bio Medical Application	Perspectivas em Cienciada Informacao	Nov/ Dec 2017	0.032
3	Ms Reba P	Antenna selection and adaptive power allocation for IA-based underlay CR	IET Signal Propocessing	August 2017	1.298
		Multiple Antenna Selection for Underlay Cognitive Radio Systems with Interference Constraint	Wireless Personal Communication - Springer	September 2017	0.951
4	Mr Jothibasu M	A Fast Cloud Based Pervasive Method of Cart Billing System for Supermarket Using Real Time Technology	International Journal of Advanced Research in Computer Science	March – April 2017	0.765
Computer Science and Engineering					
5	Dr Muthukumar A	Design of Open Content Social Learning based on the Activities of Learner and Similar Learners	International Journal of Distance Education Technologies Volume 15 Issue 2	April-June 2017	0.21

S. No.	Author Details	Title of Publication	Name of Journal	Year of Publication	Impact Factor
6	Ms Sumathi A C	Enhancing 4G Co-existence with Wi-Fi/IoT using cognitive radio	Cluster Computing – Springer	Nov 2017	2.040
7	Mr Shabariram C P	Earthquake prediction using map reduce framework	Proceedings of ICCCI 2017, IEEE	Nov 2017	-
Mathematics					
8	Mr Chinnaraj P	A Generalization of $P(r,m)$ and $P(r,m)$ Semi near-ring	The Asian International Journal of Life Sciences	2017	0.18
English					
9	Dr Pramila K	Anomalies in the Engineering Education System in Tamil Nadu and its Impact on Engineering Graduates	IJETS	November 2017	2.120
		Representing the Microcosm in the Macrocosm the Visionary Aspirations of Identity in Orhan Pamuk's The White Castle.	International Journal of Advanced Research	April 2017	6.118
		Reimagining the self through mysticism in Orhan Pamuk's The Black Book	International Journal of English Research	-	5.32
Physics					
10	Dr Jayakumar S	Thermal Structural and electrical properties of samarium doped barium cerate electrolyte for SOFCs	Materials Chemistry and Physics	September 2017	2.17
11	Ms Mangalam R	Mg-ion conducting blend polymer electrolyte based in poly (Vinyl alcohol)-poly (acrylonitrile) with magnesium perchlorate	Solid State Ionics	June 2017	2.35
12		Preparation and Characterization of blend polymer electrolyte film based on poly (vinyl alcohol)-poly(acrylonitrile)/ $MgCl_2$ for energy storage devices	Ionics	September 2017	2.11
13	Dr Jayakumar S Ms Mangalam R	Magnesium ion conducting polyvinyl alcohol – polyvinyl pyrrolidone – based electrolyte	International Journal of Ionics The Science and Technology of Ionic Motion	February 2017	2.119
14	Dr Jayakumar S	Effect of vacuum annealing on structural, electrical and thermal properties of e-beam evaporated Bi_2Te_3 thin films	Thin Solid Films	March 2017	1.761
15	Dr Jayakumar S Ms Mangalam R	Development and study of solid polymer electrolyte based on polyvinyl alcohol $Mg(ClO_4)_2$	Polymer Plastics Technology and Engineering	March 2017	1.511