

# PSG Institute of Technology and Applied Research

## List of Publications in National/International Journals (Till 2018)

S. No.	Author Details	Title of Publication	Name of Journal	Year of Pub	Vol/ Page No	Impact Factor
1.	Dr S Jayakumar A.Senthilkumar R.Balaji P.Puviarasu	Microwave and conventional sintering of gadolinium doped barium cerate: a comparative study	Optoelectronics and Advanced Materials – Rapid Communications	2015	Vol.9, No.5-6, (2015) 788-791	0.394
2.	Dr S Jayakumar A.Saravanakumar K.Vaideki K.N.Govindarajan B.Devanand	Cost-effective Pediatric head and body phantoms for computed tomography dosimetry and its evaluation using pencil ion chamber and CT dose profiler	Journal of Medical Physics	2015	Vol. 40, (3) 170-175	2.635
3.	S.Jayakumar K.Abduraof R.Balaji Girism M.Joshi	Abnormal Grain Growth Free Strontium Barium Niobate by Microwave Assisted Sintering	Taylor and Francis Groups	2015	Vol. 481, (1) 196-205	0.469
4.	Dr.K.Pramila	Continuous and Comprehensive assessment of speaking skills in English in schools and colleges provides a holistic approach to English language acquisition	International Journal of Multidisciplinary Research and development	2015	Vol2, 607-610 p.2349-5979	5.742
5.	Dr.K.Pramila	Indian Sense and Sensibility in Nissim Ezekiel's Poems	International Journal of Applied Research	2015	1-10	5.20
6.	Dr.K.Pramila S.P.Anuja	Reinventing the Doctrine of self in Orhan Pamak's The Black Book and the New Life	International Journal of Advanced Research	2015	Vol. 3	4.88
7.	Dr.K.Pramila S.P.Anuja	Resurfacing the Envisioned Identity in Orhan Pamuk's "My Name is Red" and "Snow	Indian Journal of Applied Research	2015	Vol.5, (12)	2.165
8.	Dr.K.Pramila Mr.Joshi Thomas	The Impact of Learning Management System (LMS) on EFL Student Performance in the Sultanate of Oman	International of Journal of Multidisciplinary Educational Research	2015	Vol 5	3.62

9.	Dr.K.Pramila	Mentoring is Paramount for English Language Teacher's Development	American International Journal of Research in Humanities , Arts and Social Sciences	2015	Vol.4,	5.80
10.	Dr.K.Pramila	An Emperical Study on the Writing Skills of Engineering Students and some Remedial Measures to Hone their Writing Skills	International Journal of Advanced Research	2015	P No..90	4.588
11.	S.Aramuthakannan P.R.Kandasamy	Application of Revised Distribution Method for Finding Optimal Solution of Unbalanced Transportation Problems	Indian Journal of Research	2016	Vol. 5	2.061
12.	Dr P. V Mohanram Nataraj Mahendrakumar Pudukarai Ramaswamy Thyla Aruchamy	Mechanical and dynamic properties of nettle-polyester composite	American Scientific Publishers	2015	Vol.5, No.6 pp. 505-517	2.299
13	R.Tamilselvi	Sigmund Freud's Psychoanalytic Theory if Id, EGO and Superego: A Critical Study of Director Shankar's Movie, Anniyan	International Journal of Linguistics	2015	Vol.4	
14	R.Tamilselvi	From Novel to film: An insight into R.Murugavel's fiction, Panikaadu and Director Bala's Movie Paradesi	International Journal of Multidisciplinary Research and Development	2016	Vol.3 P No. 14-21	5.72
15.	Srinivasan Harish Krishnamoorthy Silambarasan Gopi Kalaiyarasan Alam Venugopal Narendra James Joseph	Nanostructured porous cobalt oxide synthesis from $\text{Co}_3[\text{Co}(\text{CN})_6]_2$ and its possible applications in Lithium battery	Elsevier Angewandte Chemie	2016	Vol.165, 115-118	2.489
16.	A. Kumaravel and M. Chandrasekaran	Electrochemical determination of chlorpyrifos on a nano-	Journal of Agricultural and Food Chemistry (ACS)	2016	Vol.63, 6150-6156	2.912

		TiO <sub>2</sub> /cellulose acetate composite modified glassy carbon electrode				
17.	Srinivasan Harish Dheeraj Kumar Singh Katla Sai Krishna Srinivasan Sampath Muthusamy Eswaramoorthy	No More HF: Teflon – Assisted Ultrafast Removal of Silica to Generate High-Surface- Area Mesostuctured Carbon for Enhanced CO <sub>2</sub> Capture and Supercapacitor Performance	Angewandte Chemie	2016	Vol.55, 2032-2036	11.261
18.	Dr.A.Muthukumar	Design of Open Content Social Learning that Increases Learning Efficiency and Engagement Based on Open Pedagogy	Scopus indexed journal	2016	P no.20-32	0.49
19.	Dr S Jayakumar Mr A S Pugalenti Mr R Balasundarprabhu Mr S Prasanna	Effect of thickness on the structural, optical and electrical properties of RF magnetron sputtered GZO thin films	Material science in semiconductor processing	2015	Vol 29 (2015) 176-182	1.955
20.	Dr P V Mohanram Mr G R Kathiresan	Fuzzy Logic Model for evaluating Leanness of Employee Behaviour Index in Lean Organization	International journal of Applied Engineering Research	2015	Vol No. 10, (4) pp.9819-9838	2.065
21.	Mr C L Vasu Dr. R. Jayaravathy	Automatic Meter Reading Using Power Line Signaling and Voltage Zero-crossing Detection	Research Journal of Applied Sciences, Engineering and Technology	2015	Vol.10 (4)	--
22.	Mr C L Vasu Dr. R. Jayaravathy	A Low-Cost AMR Technology Based on Power Line Signaling	International Journal of Applied Engineering Research	2015	Vol10, pp.10375-10387	2.065
23.	Dr S Jayakumar Mr AK Nandakumar Mr S Prasanna	A transmission electron microscopy and x ray photoelectron spectroscopy study of annealing induced clustering	Journal of Applied Physics	2015	Pg 117	2.180
24.	Dr S Jayakumar Mr S Arul Mr MD Kannan Mr N Muthukumarasamy	Preparation and characterization of hot wall deposited CuInGaSe <sub>2</sub> thin films for solar cell applications	Journal of Applied Mechanics and Materials	2015	pp 56-59	4.281

25.	Ms R Tamilselvi Dr G Baskaran	Analyzing Maniratnam's movie "Anjali" as a genre of children's literature.	International journal of English Language, Literature and Humanities	2015	Pg 779	4.287
26.	Dr S Jayakumar Mr AS Pugalenthi Mr R Balasundaraprabhu	Effect of substrate temperature on structural, morphology and optical properties of RF magnetron sputtered CZT thin films.	Advanced Performance Materials	2015	Pg 200	1.227
27.	Dr Josephine Rathinadurai Louis Dr Suja Shanmugam Dr Jovitha Jerome	Encompassing nine switch converter approach in wind-hydro hybrid power system feeding three phase three wire dynamic loads	Electrical Power and Energy Systems	2016	66-74	2.193
28.	Ms R. Manjuladevi Mr M. Thamilselvan Mr S. Selvasekarapandian Ms R. Mangalam Ms S. Monisha	Mg-ion conducting blend polymer electrolyte based on poly(vinyl alcohol)-poly (acrylonitrile) with magnesium perchlorate	Solid State Ionics	Oct 2017	-	2.438
29.	Ms. A .C. Sumathi Dr.R.Vidhyapriya	Enhancing 4G Co-existence with Wi-Fi/IoT using cognitive radio	Cluster Computing - Springer	Nov 2017	-	2.040
30	Mr. C.P. Shabariram	Earthquake prediction using map reduce framework	<i>Proceedings of ICCCI 2017, IEEE</i>	Nov 2017	-	-
31.	Dr. K. Pramila	Anomalies in the Engineering Education System in Tamil Nadu and its Impact on Engineering Graduates	International Journal of Engineering Technology Science and Research (IJETSR)	Nov 2017	-	2.120
32.	Dr R Ramesh	Taguchi Grey Relational Analysis for Multi - Response Optimization of Wear in Co-Continuous Composite	Materials	2018	Sep 2018	2.651

33.	Dr Harish	Controlled galvanic replacement of Ni in Ni(OH) <sub>2</sub> by Pd: A method to quantify metallic Ni and to synthesize bimetallic catalysts for methanol oxidation	Materials Chemistry and Physics	2018	Sep 2018 (Online)	2.210
34.	Mr Nagarjun J	Analysis and Evaluation of Heat treatment fixtures inspired from 3D infill patterns	Advances in Manufacturing processes	2018	September 2018	0.20
35.	Dr G Rajeshkumar	An Experimental Study on the Effect of Nano-clay Addition on Mechanical and Water Absorption Behaviour of Jute Fiber Reinforced Epoxy Composites	Journal of Industrial Textiles	2018	August 2018	1.283
36.	Dr N Saravanakumar	Experimental study on the tribological properties of CuO-based biodegradable nanolubricants for machine tool slideways	Int. J. Surface Science and Engineering	2018	Vol. 12, No. 3, 2018	0.841
37.	Dr N Saravanakumar	Influence of Ag Nanoparticles for the Anti-wear and Extreme Pressure Properties of the Mineral Oil Based Nano-cutting Fluid	Tribology in Industry	2018	Vol. 40, No. 3 (2018) 440-447	1.27
38.	Dr N Saravanakumar	Corrosion Behavior Of A Ni-TiO <sub>2</sub> Nanocomposite Coated By Pulse Electro deposition	High Temperature Material Processes	2018	22(4):219-229 (2018)	0.433
39.	Dr.K.Sivananda devi	Lean manufacturing concepts in wet grinder assembly line through value state mapping	Int. J. Services and Operations Management	2018	Vol. 30, No. 3, 2018	-

40.	Dr K. Pramila	Eclectic Approach to Language Teaching for Effective Language Acquisition of EFL Learners in India	Journal of Applied Science And Computation ( JASC)	2018	Vol:5. Issue:8 Pg:576-591 August 2018	5.8
41.	Mr P Balakumar	Structural Behaviour of Reinforced Geopolymer Concrete members and effect of Fibres inclusion - A Review	Journal of Emerging Technologies and Innovative Research	2018	September 2018, Volume 5 Issue 9, Pg. no. 206-211	5.87
42.	Mr P Balakumar	Utilisation of Waste Tyre rubber in Concrete and possibility of including them as aggregates in Rigid Pavement - A Literature Review	Journal of Emerging Technologies and Innovative Research	2018	September 2018, Volume 5 Issue 9, Pg. no. 218-224	5.87
43.	Mr P Balakumar	5D - BIM: Methodology, Advantages and Obstacles for practical implementation along with improvement measures - A Review	Journal of Emerging Technologies and Innovative Research	2018	September 2018, Volume 5 Issue 9, Pg. no. 236-241	5.87
44.	V.Selvapriya	Investigation of Flexural behaviour of Engineered cementitious composites	Asian Journal of Engineering and Applied Technology	2018	ISSN: 2249-068X Vol. 7 No. S1, 2018, pp.84-87	-
45.	Mr Manoj Kumar P, Assoc. Prof., Mr Karthikeyan K, Mr Karuppanan Appu V, Mr Raghu, Mr Sivasubramanian Ramanathan, Mr Thanarajan Kumaresan, Mr Biji Pullithadathil	Triiple Phase Boundary Augmentation in Hierarchical, Pt grafted N-doped Mesoporous Carbon Nanofibers for High Performance and Durable PEM Fuel Cells	Journal of Materials Chemistry A	2018	Vol. 6, Pg. No. 12768-12781	9.931

46.	Mr Manoj Kumar P, Assoc. Prof., Mr Attuluri R, Mr VijayBabu, Mr GorantlaSrinivasa Rao	Experimental validation of an improved parametric model for an Air Breathing Fuel Cell	Journal of Advanced Research in Dynamical and Control Systems	2018	Volume 10, Issue 2, Pg. no. 576-591	0.22
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