

Dr.Mahalingam College of Engineering & Technology, Pollachi 642 003
(An Autonomous Institution)

Details of faculty publications by Department of Science and Humanities

Papers Published in Journals:

Academic Year (2015-2016)

1	N Pankajam	Intuitionistic Fuzzy N Compactness	Journal of Discrete Mathematical Sciences and cryptography	19/ 221- 230/2016	01/06/2016
2	R. Mariappan and M. Murugalingam	Weakly (σ_H, λ) - Continuity in Generalized Topologies	International Journal of Current Research in Science and Technology	2(2), (2016), 1- 8	2016
3					
4	R. Ramesh, N. Anbumani S. Palaniammal, R. Suresh	Properties of h- submaximal hereditary generalized topological spaces	International Journal of Pure and Applied Mathematics	Volume 106 No. 7 2016, 31- 36	Mar. 2016
5	A.Kavitha and A. Pushpalatha	α cg-closed set in bitopological spaces	International Journal of Pure and applied Mathematics, (Anna university , Annexure – II)	Volume 106 No 7 2016, 9-14.	2016
6	A.Kavitha and A. Pushpalatha	α cg-continuous functions and α cg- closed & open mapping in bitopological spaces.	Global journal of pure and applied mathematics (GJPAM)	ISSN 0973- 1768 ,Volume 12,Number 2 (2016)	2016
7	V. Umadevi P. Umadevi N. Santhanamoorthi L. Senthilkumar	Effect of alkyl chain on the NLO property of nonylphenol isomers: a DFT study	Monatshefte für Chemie – Chemical Monthly, Springer	146, 1983-1994, 2015	02/06/2015

8	V. Umadevi , A. Mano Priya L. Senthilkumar	DFT study on the tautomerism of organic linker 1H-imidazole-4,5-tetrazole (HIT)	Computational and Theoretical Chemistry, Elsevier	1068, 149-159, 2015	03/07/2015
9	B. Saravanakumar, K. K. Purushothaman, G. Muralidharan,	High performance supercapacitor based on carbon coated V ₂ O ₅ nanorods	Elsevier & Journal of Electroanalytical Chemistry	758, 111-116 & 2015	28/10/2015
10	B. Saravanakumar, K. K. Purushothaman and G. Muralidharan,	Fabrication of two-dimensional reduced graphene oxide supported V ₂ O ₅ networks and their application in supercapacitors.	Elsevier & Materials Chemistry and Physics	170, 266-275, 2016	15/02/2016
11	S. Maruthamuthu, J.Chandrasekaran, D. Manoharan, S.N.Karthick, Hee-Je Kim, B. Saravanakumar.	CuBr ₂ -induced charge screening on photoactive nanocolloidal polypyrrole: poly(styrene sulfonate) composite multilayer thin-film counter electrodes for high-efficiency dye-sensitized solar cells	Wiley & Polymer International	65(5), 584-595 & 2016	01/02/2016
12	B.Bala vijaya priya	Need for Outcome Based Teaching and Learning in Indian Engineering Colleges	The Global Journal of English Studies	ISSN 2395-4795 FEB 2016 Volume –II ,Issue I	2016
13	D. Manoharan a,n, J.Chandrasekaran a, S.Maruthamuthu b,c, P.Jayamurugan	Poly (aniline-co-o-toluidine): poly(styrene sulfonic acid) nanocolloidal self assembled multilayer thin films as a hole transport layer in organic solar cells	34, 382-38	Materials Science in Semiconductor Processing	2015/6/30