



P.S.R. ENGINEERING COLLEGE, SIVAKASI-626140

(An Autonomous Institution & Affiliated to Anna University, Chennai)

(An ISO 9001:2008 Certified Institution)



DEPARTMENT OF HUMANITIES & SCIENCE

Details of Journals & Conferences Publications

Summary

Name of the Department	Academic Year	No. of Journals	Conferences
H&S	2012-13	NIL	NIL
	2013-14	6	2
	2014-15	4	1
	2015-16	5	1
	2016-17	4	NIL
	2017-18	3	1

LIST OF BOOK PUBLICATIONS:

1. “A Text Book On Engineering Physics” – Dr. M. Vigneswari Muthukrishnan, (ASP/Physics)
P. S. R. Engineering College, Sivakasi, ISBN: 978-81-934315-0-4.
2. “Physics of Materials” - Dr. M. Vigneswari Muthukrishnan, (ASP/Physics)
P. S. R. Engineering College, Sivakasi, ISBN: 978-81-934315-4-2.
3. “Essential English”, Faculty of English, P. S. R. Engineering College, Sivakasi.
4. “Technical English”, Faculty of English, P. S. R. Engineering College, Sivakasi.
5. “Functional English I”, Faculty of English, P. S. R. Engineering College, Sivakasi.
6. “Functional English II”, Faculty of English, P. S. R. Engineering College, Sivakasi.
7. “Professional English I”, Faculty of English, P. S. R. Engineering College, Sivakasi.
8. “Professional English II”, Faculty of English, P. S. R. Engineering College, Sivakasi.
9. “English for Employment I”, Faculty of English, P. S. R. Engineering College, Sivakasi.
10. “English for Employment II”, Faculty of English, P. S. R. Engineering College, Sivakasi.

LIST OF JOURNAL PUBLICATIONS:

2013-14:

1. R. Srinivasan, A. Chandra Bose and A.R. Ganesan, "Nanocrystalline aluminum oxide coating fiber optic vapour sensors" Asian J. Chem. Vol 25, pp. S373-S377, August 2013, ISSN: 0970-7077.
2. R. Srinivasan and A. Chandra Bose, "Effect of hydrolysis time on grain size and properties of cerium oxide nanoparticles synthesized by hydrolysis assisted co-precipitation method" Nanosci. Nanotechn. Lett., Vol. 6, pp.94-98, January 2014, ISSN: 1941-4900.
3. A. Chandra Bose, R. Srinivasan and A.R. Ganesan, "Nanocrystalline cerium oxide coated fiber optic gas sensor" Current Applied Phys., Vol. 14, pp. 467-471, March 2014, ISSN: 1567-1739.
4. P.Gopalakrishnan and K. Vijayakumar, "Characterization of spray pyrolysed Tin Disulphate thin films" Thin film Technology, Vol. 57, pp. 14202-14205, April 2013, ISSN: 2229-712X.
5. P.Saravana Bhava, P.Tharmaraj, S.Johnson Raja, "Synthesis, Spectral Characterization, Antimicrobial Screening and DNA Binding, Cleavage Studies of Transition Metal Complexes of Heterocyclic Ligand Derived from 4-Aminoantipyrine and 2-Mercaptobenzimidazole" International J. Innov. Res. Develop., Vol. 2 pp. 378-396, March 2013, SSN: 2278 – 0211.
6. C.Anitha, C.D.Sheela, P.Tharmaraj and S.Johnson Raja, "Synthesis and characterization of VO(II), Co(II), Ni(II), Cu(II) and Zn(II) complexes of chromone based azo-linked Schiff base ligand" *Spectrochimica Acta Part A: Mol. Biomol. Spectros*, Vol.98, pp 35-42, ISSN ISSN: 1386-1425.

2014-15:

1. B. Renganathan, D. Sastikumar, R. Srinivasan and A.R. Ganesan, "Nanocrystalline samarium oxide coated fiber optic gas sensor" Mater. Sci. Engg.B., Vol. 4, pp.122-127, August 2014, ISSN: 0921-5107.
2. M. Vigneswari, K. Sakthipandi, S. Sankarajan, "Influence of Grain Size on the Structure, Electrical Properties and the Phase Transition Temperature of Nano La_{0.72}Sr_{0.28}MnO₃ Perovskite Employing in -Situ Ultrasonic Measurement", International Journal of Engineering Research & Technology, Vol. 3 Issue 6, June – 2014, ISSN: 2278-0181.

3. M. Vigneswari, S. Sudharsan, R. Srinivasan, S.Sankarrajan, , “Grain size effect on structural and optical properties of LSMO Nanoparticles” Journal of Applied Physical Science International, Vol. 3, Issue 2, May – 2015, ISSN No. : 2395-5260.
4. M.Kalanithi, M. Rajarajan, P. Tharmaraj, S. Johnson Raja, “Synthesis, spectroscopic characterization, analgesic, and antimicrobial activities of Co(II), Ni(II), and Cu(II) complexes of 2-[N,N-bis-(3,5- dimethyl-pyrazolyl)-1- methyl” Medicinal Chem. Res., Vol. 24, pp. 1578-1585, April 2015, ISSN: 1054-252.

2015-16:

1. M. Vigneswari, S. Sudharsan, S.Sankarrajan, “Mechanical Synthesis of nanoperovskites toward its optical and electrochemical properties”. Journal of Applied Chemical Science International, Vol. 3, Issue 4, June – 2015, ISSN No. : 2395-3713.
2. M. Vigneswari, S.Sankarrajan, “Synthesis, phase transition and structural properties of LPMO nanoperovskites with influence of grain size towards ultrasonic studies”, Journal of Cogent Chemistry, (2015), ISSN: 2278-0181,doi:1: 1080209
3. M. Vigneswari, S.Sankarrajan, “Facile synthesis and characterisation of La_{0.55}Pb_{0.45}MnO₃ nanoperovskites employing ultrasonic measurements” IEEE, IET Science, Measurement & Technology, (2016), ISSN: 1751-8822.
4. M. Vigneswari, S.Sankarrajan, “Molecular interactions in solutions of poly vinyl alcohol: an ultrasonic study”, International Journal of Advanced Chemistry, 4(2), 2016, 15-21, doi: 10.14419/ijac.v4i2.6333.
5. S.Vanaja, V.Selvamurugan, P.V.Chandrasekar, R.Krishna Sharma and M.Alagar, “Improvement of Mechanical, Thermal and Optical Properties of Barium Mixed Cobalt Tartrate Hydrate Crystals Grown by Gel method” Journal of Nano and Electronic Physics., Vol 7., pp. 030041-030046 ,Oct 2015, ISSN: 2077-6772.

2016-17:

1. M. Vigneswari, S. Sudharsan, S.Sankarrajan, “Synthesis, Phase Transition of La_{0.69}Sr_{0.31}MnO₃ Nanoperovskites Toward Its Versatile Structural, Electrical and Mechanical Properties Employing Ultrasonic Measurements”, “Journal of Cluster Science, August 2016, DOI 10.1007/s10876-016-1070-3.
2. B.Jeyapushpa, “Study on Communal Violence in Shashi Tharoor’s *Riot* and Raj Kamal Jha’s *Fireproof*, “Language in India”

3. K.Latha, "Double Oppression in Bama's *Karukku* and *Sangati*", "Language in India".
4. S. Meenakumari, "Suppression of women in a male dominated society: A study of Vijay Tendulkar's Silence! The Court is in Session and The Vulture", "Language in India".

2017-18:

1. P. Gopalakrishnan, G. Anbazhagan, "Effect of Substrate temperature on Tin Disulphide Thin films", International journal of thin film science and technology, 2, 73 -75, (2017).
2. S. Sonadevi, V. Vijayalakshmi, P. Selvakumar, "Graphene dispersed cellulose microfibers composite for efficient immobilization of haemoglobin and selective bio sensor for detection of hydrogen peroxide", "Sensors and Actuators B: Chemical", B 252, (2017) 175-182.
3. G.Meena and K.Nagarajan, Interjection cordial labling of graphs, International journal of Mathematics Trends and Technology, Vol 51(November 2017) (29-33)

DETAILS OF CONFERENCE PUBLICATIONS:

2013-14:

1. M.Arunachalam, P.Thamilmaran, **M.Vigneswari**, S.Sankarrajan and K.Sakthipandi, "Study of second order phase transition in $La_{1-x}Ca_xMnO_3$ employing on-line ultrasonic studies", Acoustics, New Delhi, November, 10-15, 2013.
2. P.Thamilmaran, M.Arunachalam, **M.Vigneswari**, S.Sankarrajan and K.Sakthipandi, "Ultrasonic studies on Ni doped $La_{0.7}Sr_{0.3}MnO_3$ Pervoskites" Acoustics, New Delhi, November, 10-15, 2013.

2014-15:

1. K. Sakthipandi, **M. Vigneswari**, S.Sankarrajan, "A Study on effect of particle size on phase transition temperature of $La_{0.72}Sr_{0.28}MnO_3$ Manganite Materials", National Symposium on Ultrasonics, Ravenshaw University, Cuttack, January, 24-25, 2014.

2015-16:

1. G.Meena and K.Nagarajan, On mean cordial labling of graphs, "Proceeding of National Seminar on Advances in Pure and Discrete Mathematical Structures" February 2015.

2017-18:

1. G.Meena and K.Nagarajan, Star related intersection cordial graphs, "Proceedings of International Conference on Recent trends in Applied mathematics", (ICRTAM 2017).



P.S.R. ENGINEERING COLLEGE, SIVAKASI-626140

(An Autonomous Institution & Affiliated to Anna University, Chennai)

(An ISO 9001:2008 Certified Institution)



DEPARTMENT OF HUMANITIES & SCIENCE

Details of Journals Publications

Dept	Name of the Faculty	No. of Journal Publications	Highest Impact Factor	Least Impact Factor	Average Impact factor
Physics	Dr. M. Vigneswari	7	1.67	0.54	1.1
Physics	Mr. P. Gopalakrishnan	2	0.9		0.9
Physics	Ms. S. Vanaja	1	0.8		0.8
Physics	Dr. R. Srinivasan	22	4.08	1	2.5
Maths	Ms. G. Meena	1	2.48		2.48
Maths	Dr. Jeyabalan	8	2.5	0.5	1.5