

Department of Chemistry
2015-2016
Faculty Enrichment Programmes

Seminar / Conference / Workshop / Training / Programmes conducted inside and outside the college

Name of the Faculty members	Name of the Programme	Level of the programme (State / National / International / College level)	organizers	Date / Period	Details of achievements
Dr. V. Sridevi	Electrochemistry Guest Lecture	School	Lakshmi School	23.09.2015	Resource Person

Research Publications

Name of the Faculty Member	Nature of the Publication	Title of the Publication	Name of the Journal	International / National	Year	Details of Impact Factor
Dr. S. Vasantha	Peer Review	Superhydrophobic coating on modified 9Cr-1Mo ferritic steel using perfluoro octyl triethoxy silane	Surface Enginnering	National	2015	1.5
Dr. S. Vasantha	Peer Review	Superhydrophobic coating on Mod.9Cr-1Mo ferritic steel For Enhancing Corrosion	Transactions of the Indian Institute of Metals	National	2015	0.62

		Resistance and Antibacterial Activity				
G. Jayanthi Kalaivani	Peer review	TiO ₂ (rutile) embedded inulin – A versatile bio-nanocomposite for photocatalytic degradation of methylene blue,	Carbohydrate Polymers	National	2016	4.074

Book / Monographs / Chapters in edited books Publications

Name of the Faculty Member	Nature of the Publication	Title of the Book	Year	Details of Publishers	Details of ISBN Number
Dr. V. Sridevi	Book	Spectroscopy of Polymer Nanocomposites	2016	Elsevier	978-0-323-40183-8

Engagement in National / International professional bodies

Name of the faculty member	Name of the professional body	Details of engagement	Period of engagement
Dr. V. Sridevi	Theivaniammal college for women, Viluppuram	Board of Studies Meeting	30.01.2016
Dr. V Sridevi	National college Tiruchirapalli	Academic Audit	05.2.2016

Paper publications in the Proceedings (ISBN 978-81-900971-9-2) of “National conference on SMART MATERIALS”, held on Feb 23 & 24, 2016.

Faculty Member	Students / Research Scholar	Title of paper
Dr. S. Vasantha	K. Suganya, R. Neelaveni	DNA Cleavage Activity of Novel Mixed Ligand Vanadyl Complex with Sulphur Containing Ligand: 1-Hydroxy-2-Acetonaphthonetosylhydrozone
Dr. V. Sridevi	P. Indumathi, T. Nihaar Parveen, J. Esther	Synthesis and Characterization of Gold and Silver Nanoparticles using Biocompatible Polymers
Dr. V. Sridevi, Mrs. S. Mahalakshmi	S. Fathima Rose	Synthesis and Optical Properties of Ag-Polyvinylpyrrolidone Nanocomposites
Dr. S. K. Suja	J. Bagyalaxmi, S. Pavalamalar	Electrocatalytic Activity of Pectin-CNT Composite
Mrs. G. Jayanthi Kalaivani	K. Jamuna	Electrochemical Study on the Interaction of Guar Gum with DNA