

RESEARCH & CONSULTANCY

- After attaining University status, candidates are registering for research programme from 2008 onwards. Scholars are pursuing research in both full time and part time category.

FACULTY PUBLICATIONS INTERNATIONAL JOURNALS

2015

- 1 Sayeeda Sultana, S. Ramabadran, P.R.Swathi, Photo catalytic degradation of azo dye using ferric oxide nanoparticle, International Journal of Chemtech Research – ISSN : 0974-4290 (SCOPUS)

2009

- 2 Sayeeda Sultana, Synthesis and spectral analysis of copolyesters, International Journal of Chem. Sci., 2009, 7(3), 2165-2168. (SCOPUS)
- 3 Sayeeda Sultana, Synthesis and NMR analysis of copolyesters, International Journal of Chem. Sci., 2009, 7(3), 2193-2197. (SCOPUS)

2008

- 4 Sayeeda Sultana, Synthesis and molecular mechanics calculation of copolyesters. International Journal of Chem. Sci., 2008, 6(4), 2202 – 2206. (SCOPUS)
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CONFERENCES

2016	
1	Sayeeda Sultana, N. Balaji , Determination of Hexyl methane sulfonate by GCMS in Active Pharmaceutical Ingredients, International Conference on Recent Advances in Applied Sciences, Feb 2016, Chennai, India
2013	
2	S. Ramabadran, SayeedaSultana , R.Suganya, Efficacy of plant vetiver system (<i>Vetiveria Zizanioides</i> Monto) to treat sago industry effluent, National Conference on Scope of Advanced Materials in Energy & Environment, Aug 2013, Bengaluru, India.
2011	
3	Sayeeda Sultana , Air pollution on public health, National Conference on Urban environmental pollution and public health, St.Peter's University, Nov 2011, Chennai, India

FACULTY SERVING IN NATIONAL COMMITTEES

S.No	Name of the faculty	Details
1	Dr.Sayeeda Sultana	Organizing committee member in National Conference on Recent Advances in Physics, Feb 2008 Chennai, India
2.	Dr.Sayeeda Sultana	Organizing committee member in National Conference on Spectrophysics March 2012 Chennai, India
3.	Dr.Sayeeda Sultana	Co-Convener in National Workshop on Analytical Instrumentation Techniques, Sep 2015 Chennai, India
4.	Dr.Sayeeda Sultana	Co-Convener in International Conference on Recent Advances in Applied Sciences, Feb 2016, Chennai, India
5.	Dr.Sayeeda Sultana	Convener in Atoms For Peace And Radiation Technology For Societal Development, March 2016 Chennai, India

BOOKS PUBLISHED

S.No.	Name of the Author	Title of the Book	ISBN No.	Publisher
1	Dr. Sayeeda Sultana	Engineering Chemistry – I	ISBN 978-81-910224-0-7	Professional & Technical Publishers Coimbatore 2013
2	Dr. Sayeeda Sultana	Engineering Chemistry – II	ISBN 978-81-910224-3-8	Professional & Technical Publishers Coimbatore 2013
3	Dr. Sayeeda Sultana	Engineering Chemistry Laboratory Manual	-	Professional & Technical Publishers Coimbatore 2013
4	Dr. Sayeeda Sultana	Engineering Chemistry – I	ISBN 978-93-84295-00-4	R.K. Publishers Coimbatore 2014
5	Dr. Sayeeda Sultana	Engineering Chemistry – II	ISBN 978-93-84295-01-1	R.K. Publishers Coimbatore 2014
6	Dr. Sayeeda Sultana	Engineering Chemistry Laboratory Manual	-	R.K. Publishers Coimbatore 2014

RESEARCH THRUST AREAS

M.PHIL CHEMISTRY

BIO-ORGANIC CHEMISTRY

Reg. No.	Name of the Candidate	Title
SP14CHM002	Anusha S	Biosynthesis and characterization of silver nanoparticles using mint leaf extract and its antimicrobial and antioxidant activities
SP14CHM010	Muruganantham S	Synthesis and characterization of magnetic nanoparticles with the extract of phyllanthus embilica
SP14CHM015	Sivagami G	Synthesis and characterisation of silver nanoparticles from leaf extract of murraya koeingii (Curry Leaf) and its anti-microbial and antioxidant activity
SP14CHM021	Pirathiba J	Biosynthesis of silver nanoparticles using mangifera Indica and their antimicrobial and Antioxidant studies

POLYMER CHEMISTRY

Reg. No.	Name	Title
SP08CHLA03	A. S. Sonia	Studies on synthesis and properties of Tamarind seed Gum-Sisal fibre composite material.
SP11CHLA03	A. Christymuthuselvi	Studies on synthesis and properties of banana fibre reinforced polyester composite material.
SP12CHM002	B. Sangeetha	Studies on synthesis of Terpolymer Resin and the Sorption of metal ions.
SP12CHM001	G. Kalpana	Synthesis and corrosion inhibition studies on polyvinyl alcohol - Anthranilic acid composite material.

NANOCHEMISTRY

Reg. No.	Name	Title
SP13CHM010	Sankar V	Biosynthesis of silver nanoparticle using the leaf extract of neem and its antibacterial studies
SP13CHM012	Swathi P R	Photocatalytic degradation of azo dye using ferric oxide nanoparticle
SP13CHM014	Vinoth Kumar M	Synthesis and characterization of nickel oxide nanoparticles
SP14CHM004	Cherukuri Srikalyani	Microwave synthesis of Zirconium oxide Nanoparticles and its reinforcement in Geopolymer gel

PHARMACEUTICAL CHEMISTRY (Ph.D)

Reg. No.	Name	Title
SP15CHD001	Balaji N	Spectroscopic and High Performance Liquid Chromatographic analysis in some pharmaceutical formulations