

## Research & Publications 2018-2019

### Department of Chemistry

Faculty Name	Title of the Paper	Journal Name	ISSN/ ISBN	Impact Factor	Link
Dr G Jyothi	Spectrophotometric methods for the assay of Tiagabine.HCl(TIA) using chromogenic reagents P45-52	International Journal of research	ISSN 2236-6124 December-2018	5.7	
Dr CA Jyothirmayee	Materials of Microwave devices	International journal of Engineering Science Invention( IJESI ) Jan 2018	ISSN( Online) :2319-6734, ISSN (Print): 2319-6726 Page: 7-10		
	Understanding family structure and women empowerment in India	KAAV International Journal of Economics, Commerce & Business management, Feb 2018	ISSN: 2348-4969 Page: 15- 17		
	Nano phosphors	International journal of Engineering Science Invention( IJESI ) Feb 2018	ISSN( Online) :2319-6734, ISSN (Print): 2319-6726 Page: 04 -06		

	Linear correlation and study of ground water quality of Pedapadu mandal, West Godavari District, AP, India,\	International journal of Management, Technology and Engineering	ISSN No: 2249-7455 Vol- 8, Issue – XII, Dec 2018 Page No: 59-67		
	Unrecognized Indian women scientists in Science and Technology	Journal of Emerging technologies and innovative Research(JETIR)	UGC No:63975& ISSN: 2349-5162 Mar 2019 Page:231	IF :5.7	
	Professional ethics to inculcate the culture of Personal and Social responsibility.	STC Scholars vision Vol -7, Issue no-1	ISSN No; 2321-6425, Jan- dec 2018 Page. No: 112-115	Impact factor: 4.31( AE Global index)	
	"Impact of cybercrime on Indian women".	International Journal of Research www.ijrpublisher.com IJR Journal, ISO Certified journal, Vol-VIII, Issue- I,	ISSN No:2236-6124, Mar 2019 Page No: 138- 141	Impact factor : 5.7	
Dr M Rama	Environmental Contamination by pesticides.	Indian council for business education Bangaluru	ISBN 978-81-935990-0-6. Jan.2018		

	Green accounting issues and implementations				
	Educated Women-A boon to the family & society	KAAV International Journal of Economics, Commerce & Business management	ISSN 2348-4349, Vol. 5, Special Issue 2, February 2018	Impact factor-7.9183	
	Renewable energy education-A new paradigm	International Journal of Engineering Science Invention (IJESI)	ISSN (Online): 2319 6734, ISSN (Print): 2319 6726		www.ijesi.org   59
	Comparison of essential oils composition and antioxidative property of leaf extracts of Ocimum sanctum(p) and Ocimum basilicum.	International journal of management ,Technology and Engineering	ISSN-2249-7455, Page no.148-157, December-2018.		
	Essential oil composition of Ocimum sanctum(green) in different seasons. ISSN-2321-6425.page no.105-111.Jan-Dec.2018.	STC Scholars vision,	ISSN-2321-6425.page no.105-111.Jan-Dec.2018.		
	Seasonal variation of essential oils composition of a medicinal plant- Ocimum sanctum (purple)	,Asian journal of organic & medicinal chemistry	ISSN-2456-8937.pp20-22 Jan-Mar.2019.		

Dr V Naga Lakshmi	Spectrophotometric methods for the assay of lopinavir using chromogenic reagents,	International Journal of Engineering Science Invention (IJESI) Jan 2018;	ISSN( Online) :2319-6734, ISSN (Print): 2319-6726.		
	Women in Research	KAAV International Journal of Economics, Commerce & Business management, Feb 2018	ISSN: 2348-4969.		
	Women opportunities and Challenges in Empowerment- Present scenario.	KAAV International Journal of Economics, Commerce and Business Management	No.47663 2018		
	Chemical modelling studies on the interaction of phenyl acetic acid hydrazide and A- Alanine with divalent transition metal ion.	International Journal of Engineering Science Invention (IJESI) Jan 2018;	ISSN( Online) :2319-6734, ISSN (Print): 2319-6726. PP.01-06		
	Spectrophotometric methods for the assay of Tiagabine.Hcl (tia)Using chromogenic Reagents.	International Journal of Research, Dec 2018	ISSN NO:2236-6124, PP45-52		
	IoT Why and How? Dec 2018,	Journal of Applied Science and Computations	ISSN NO: 1076-5131, PP60-67.		

	Biorefinery	RESEARCH REVIEW International Journal of Multidisciplinary, Jan 2019,	ISSN: 2455-3085 (Online) , PP43-44.		
Mrs N Gayatri Devi	Study on Molecular Interactions Using Thermodynamic Excess Properties of Binary Mixture Containing Propiophenone with 1-Propanol, 1-Butanol and 1-Pentanol at Temperatures 303.15, 308.15, 313.15 and 318.15 K.	Asian Journal of Chemistry	0975-427X		
	Acoustic, Volumetric and Viscometric Studies of Binary Liquid Mixtures of p- Chloroacetophenone with n- Alkanols at Different Temperatures.	Chemical science transactions	2278-3458		
	Theoretical assessment of ultrasonic velocities of binary liquid mixtures containing p- chloroacetophenone with 1- alcohols at temperatures from 303.15 K to 318.15 K, Pages 126-133	Karbala international journal of modern sciences, Elseveir	2278-3458		
	Ultrasonic study on binary liquid mixtures of Propiophenone with Anilines and Alkyl substituted anilines at T= 303.15 to 318.15 K.	Korean Journal of chemical engineering, Springer	eISSN:1975-7220, pISSN: 0256-1115		

	Effects of Isentropic and Partial Molar Compressibility of Propiophenone with 1-Alkanols Binary Mixtures at 303.15 to 318.15 K.	Chemical science transactions	2278-3458		
	Partial molar properties of binary liquid mixtures of Propiophenone with 2-AlkoxyEthanol at T=303.15-318.15K	International Journal for Research in Engineering Application & Management (IJREAM)	ISSN:2454-9150		
	Correlative and predictive models of viscosity study on Propiophenone with isomeric xylenes binary mixtures at T=(303.15 to 318.15) K	Korean Journal of chemical engineering, Springer	eISSN:1975-7220, pISSN: 0256-1115		
	PHYSIO-CHEMICAL PROPERTIES OF SOIL	International Journal of Research	ISSN NO:2236-6124		
	Importance of differential equations and partial derivatives in Chemistry	Suraj Punj Journal For Multidisciplinary Research	ISSN NO: 2394-2886		
	Ethano-Botanical Studies of Maddigadda and Pinjerukonda villages near Addategela, East Godavari distrit, Andhrapradesh	International Journal of Research	ISSN NO: 2236-6124		
Dr K Swarna Latha	A Quantitative Estimation of Phytochemicals, Anti-Diabetic and Anti-Oxidant Activities of Crude Extracts of Sphagneticola trilobata (L.) and Adhatoda vasica Linn.	Journal of Natural Products and Resources,	Page 155-159, 2018.		

	A Phytochemical screening, Anti-Diabetic and Anti-Oxidant Activities of <i>Kigelia africana</i> (LAM.) and <i>Sterculia foetida</i> (L),	Rasayan Journal of chemistry, 12, 907-914, 2019 .			
	Application of Debye-Scherrer Formula in the determination of silver nano particles.	International Journal of Management, Technology and Engineering, 8 , 81-84 , 2018.			