

### Department of chemistry latest Research Publications (2017-18)

Name of the staff member		Title of the paper published	Research Journal
Dr.G.Jyothi	1	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
	2	Applications of Big Data analytics	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3785, Vol. 4, Special Issue 21, Aug.2017
	3	Women opportunities and challenges in Empowerment – Present Scenario	KA AV International Journal of Economics, Commerce & Business management, Feb 2018 ISSN: 2348-4969.
Mrs.T.Rohini Kumari	1	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
	2	Women in Research	KA AV International Journal of Economics, Commerce & Business management, Feb 2018 ISSN: 2348-4969.
	3	Importance of differential equations and its use in the field of chemistry	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3785, Vol. 4, Special Issue 21, Aug 2017)
Dr.C.A.Jyothirmayee	1	Materials of Microwave devices	International journal of Engineering Science Invention ( IJESI ) Jan 2018;ISSN( Online) :2319-6734, ISSN (Print): 2319-6726 ,Page: 7-1
	2	Understanding family structure and women empowerment in India	KA AV International Journal of Economics, Commerce & Business management, Feb 2018 ISSN: 2348-4969 ,Page: 15- 17.
	3	Nano phosphors	International journal of Engineering Science Invention( IJESI ) Feb 2018 ISSN( Online) :2319-6734, ISSN (Print): 2319-6726 Page: 04 -06
Dr.M.Rama	1	Bio-mathematical model on Chemotaxis	International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3785, Vol. 4, Special Issue 21, Aug. 2017

	2	Right understanding is the key to mutual happiness.	Global journal for research analysis (An international journal),ISSN :2277-8160, volume-6 ,issue-9 Special issue Sep.2017
	3	Educated Women-A boon to the family & society	KAAV International Journal of Economics, Commerce & Business management; ISSN 2348-4349, V Special Issue 2, Feb. 2018.
	4	Renewable energy education -A new paradigm	International Journal of Engineering Science Invention (IJESI)ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726,Vol.3. PP. 55-59
Dr. V.Naga Lakshmi	1	Applications of Big Data analytics	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3785, Vol. 4, Special Issue 21, Aug.2017
	2	Spectrophotometric methods for the assay of lopinavir using chromogenic reagents	International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726,
	3	Women in Research	KAAV International Journal of Economics, Commerce & Business management, Feb 2018 ISSN: 2348-4969.
Mrs.K.Swarnalatha	1.	Leading balanced life by practicing yoga	International journal of Health,Physical Education and Computer science(ISSN2231-3265) Jan-2017
	2	Mathematics in Biological application	International journal of Advanced Research Trends in engineering and Technology(ISSN-2394-3777)Aug-2017
	3	A Quantitative estimation of phytochemicals,Antidiabetic and Antioxidant activities of crude extracts of Sphagneticola trilobata and Adathoda vasica	Journal of Natural natural products and Resources(ISSN-2455-0299) Jan-18
Mrs.N.Gayatri Devi	1	Thermodynamic excess properties and FTIR Spectroscopic Studies of binary mixtures containing Propiophenone and 2-Alkoxy ethanols at temperatures 303.15 K, 308.15 K, 313.15 K and 318.15 K.	IOSR-JAC , 2278-5736, Volume 10(7), 44-56, Jul-17

	2	Importance of differential equations and its use in the field of chemistry	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) ISSN 2394-3785, Vol. 4, Special Issue 21, Aug 2017)
	3	Acoustic, Volumetric and Viscometric Studies of Binary Liquid Mixtures of p-Chloroacetophenone with n-Alkanols at Different Temperatures.	Chemical science transactions, 2278-3458, Volume 7(1), 1-16, Jan-18
	4	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,.	Karbala international journal of modern sciences, Elseveir ISSN-2278-3458; Pages 126-133, Feb.2018
	5	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 ISSN0975-427X; Page no: 157-166, Jan.2018
	6	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; page no.1-12, Mar.2018
	7	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, Volume 7(3), 348-361, Apr-18
	8	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, Volume 4(2), 443-455, May-18