



VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

Thindal, Erode – 638 012.



PUBLICATIONS

DEPARTMENT OF BIO CHEMISTRY

2013- 2014

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
C. Kiruba Rani	International Journal of Institutional Pharmacy and Life sciences	Evaluation of in vitro antioxidant and free radical scavenging activity of ethanolic extract of <i>Acalypha indica</i>	–	Vol 3, Issue 5, , pp 71-75. sep-oct 2013	–	
C. Kiruba Rani	International Journal of Institutional Pharmacy and Life sciences	In vitro antioxidant potential of <i>Acalypha indica</i>	–	Vol 3, Issue 5, , pp 66-70. sep - oct 2013	–	

R. Kavitha	International Journal of Institutional Pharmacy and Life sciences	Physico-chemical and phytochemical screening of ethanolic extract of leaves of <i>Clitoria ternatea</i> L.(Fabaceae)	–	Vol 3, Issue 5, , pp 45-53. sep-oct 2013	–	
R. Kavitha	International Journal of Research in Pharmaceutical and Biomedical Sciences	In vitro antioxidant studies of <i>Costus pictus</i> leaf	–	Vol.4 (1) , pp 159 - 164, jan-mar 2013	–	
R. Kavitha	International Journal of Pharma and BioSciences	Phytochemical analysis of ethanolic extract of leaves of <i>Clitoria ternatea</i> L.(Fabaceae)	–	Vol 4, Issue 4, , pp 236-242. 2013	–	

2014- 2015

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.C.Kirubarani	International Journal of Advances in Interdisciplinary Research	Evaluation of <i>Acalypha indica</i> phytochemicals as anti-diabetic compounds by molecular docking studies	–	1(6) , pp 5-13, May 2014	ISSN : 23480696	
Dr.R. Kavitha	International Journal of Pharma And Bioscience	Evaluvation of hypoglycemic effect of ethanolic extracts of leaf and fruit of <i>t.dioica</i> and leaf of <i>c.ternatea</i> in streptozotocin induced	–	5 (3) : PP: 1061 – 1068, July 2014	ISSN-0975-6299	2.958

		diabetic rats.				
Dr.R. Kavitha	International Journal of Pharamaceutical Science Review And Research	In vitro free radical scavenging activities of ethanolic extracts of leaf and fruit of Trichosanthes dioica Roxb. and leaf of Clitoria ternatea L.	–	27 (1), ,298-303, Aug 2014	ISSN-0976-044X	
Dr.R. Kavitha	World Journal of Pharmacy And Pharmaceutical Science	Fluorescence and FT-IR analysis of leaf and fruit of Trichosanthes dioica Roxb.	–	3 (10), PP:563-572, Oct 2014	ISSN:2278-4357	2.786

2015-16

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Volume, Issue, P.No. and year	ISBN/ ISSN/ DOI	Impact Factor
Dr.R. Kavitha	International Journal of Pharma and Bio Sciences	Effect of ethanolic extracts of leaf and fruit of Trichosanthes dioica and leaf of Clitoria ternatea on serum lipids in streptozotocin-induced diabetic rats.	–	6(4) , (P) 430 – 439, oct 2015	ISSN 0975-6299	5.121

2016-17

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	Page No.	Impact Factor
Dr.R. Kavitha	International Journal of Pharma and Biosciences	Fluorescence, FT-IR and GC-MS determination of bioactive constituents of leaf extract of Clitoria ternatea	8(2); 299-307 April 2017	0975-6299	6.268

2019 - 2020

S.No.	Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Journal (Volume no./Issue No.) / Book (Publisher details)	ISBN/ ISSN/ DOI	Impact factor
1	Mrs.G.Sangeetha Devi	Cardiovascular & haematological Agents in Medicinal Chemistry	Therapeutic Potential of Biochanin-A Against Isoproterenol-Induced Myocardial Infarction in Rats	Scopus	18(1) , 31-36, 2020 & Bentham Science	DOI : 10.2174/1871525718666200206114304	1.90
2	Mrs.A.Jansy Isabella Rani	Cardiovascular & haematological Agents in Medicinal Chemistry	Antiobesity Effect of Biochanin-A: Effect on Trace Element Metabolism in High Fat Diet-Induced Obesity in Rats	Scopus	18(1) , 21-30, 2020 & Bentham Science	DOI : 10.2174/1871524920666200207101920	1.90

2020-2021

S.No	Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	UGC Listed /Referred/ Peer Reviewed / Scopus	Journal (Volume no./Issue No.) / Book (Publisher details)	ISBN/ ISSN/ DOI	Impact factor
1	Mrs. A. Jansy Isabella Rani, Mrs. G. Sangeetha Devi	Archives of Physiology and Biochemistry	Biochanin A attenuates obesity cardiomyopathy in rats by inhibiting oxidative stress and inflammation through the Nrf-2 pathway	Scopus	Epub , January 2020, Taylor & Francis	DOI: 10.1080/13813455.2021.1874017	2.575
2	Mrs. G. Sangeetha Devi, Mrs. A. Jansy Isabella Rani	Drug And Chemical Toxicology	Attenuation of lipid metabolic abnormalities, proinflammatory cytokines, and matrix metalloproteinase expression by biochanin-A in isoproterenol-induced myocardial infarction in rats	Scopus	Epub, March 2021, Taylor & Francis	DOI : 10.1080/01480545.2021.1894707	2.405

2021 – 2022

S. No.	Name of the Staff	Title of the Paper / Book Chapter	Name of the Journal/Book	Journal (Volume no./Issue No.) / Book (Publisher details)	Month & Year, PP	ISBN/ ISSN
1	Dr. C. Kiruba Rani	Synthesis of Silver Nanoparticles and its advantages	The Journal of Oriental Research, Madras	XC II-XXII, KSRI Publications	November, 2021, 21 - 35	0022-3301
2	Dr. P.Bhuvanewari	Synthesis of Silver Nanoparticles and its advantages	The Journal of Oriental Research, Madras	XC II-XXII, KSRI Publications	November, 2021, 21 - 35	0022-3301
3	Dr. C. Kiruba Rani	Multifunctional Copper Nanoparticles and its applications	Journal of the Maharaja Sayajirao University of Baroda	56 /1(II), Baroda : The University	February 2022, 53 - 78	0025 - 0422
4	Dr. P.Bhuvanewari	Multifunctional Copper Nanoparticles and its applications	Journal of the Maharaja Sayajirao , University of Baroda	56 /1(II), Baroda : The University	February 2022, 53 - 78	0025 - 0422

2022-2023

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	Page No.	Impact Factor
Dr.C.Kiruba Rani	International Journal of Food and Nutritional Sciences	Studies on the disinfectant activity of Titanium oxide Nanoparticles	Volume 11, Issue 12 and December 2022	9990-9995	7.832

2023-2024

Name of the Author(s)	Name of the Journal/ Book/ Conference Proceedings	Title	Volume, Issue, P.No. and year	Page No.	Impact Factor
Dr.C.Kiruba Rani	Journal of Data Acquisition and Processing	Phytochemical analysis, antioxidant, antibacterial activities of Novel Herbal Formulations	Volume - 38, Issue - 3, July 2023	pp.6368-6379, ISSN: 1004-9037	
Dr.C.Kiruba Rani	Journal of Data Acquisition and Processing	Biological Synthesis and medical applications of silver nanoparticles	Volume - 38, Issue - 04, September 2023	pp.357-374, ISSN: 1004-9037	
Dr.C.Kiruba Rani	Journal of Clinical Otorhinolaryngology Head and Neck Surgery	Stem cells in regenerative medicine with special reference to clinical applications	Volume - 27, Issue - 02, September 2023	pp.1759-1766, ISSN: 1001-1781	
Dr.C.Kiruba Rani	Emerging Trends in Multidisciplinary Research	Nanotechnology application in Agriculture	October 2023	pp.806-821, ISBN: 978-93-91387-55-6	

Dr.C.Kiruba Rani	Chelonian Conservation and Biology	The impact of pulses' phytochemicals and bioactive compounds on health	Volume – 18, Issue - 02, December 2023	pp.2234-2240, ISSN: 1071-8443	
Dr. G.Sangeetha Devi	Journal of Data Acquisition and Processing	Phytochemical Examination and Disinfectant actions of Novel Herbal Formulations	Volume - 38, Issue - 4, July-September 2023,	pp.2340-2349, ISSN: 1004-9037	
Dr.A.Jansy Isabella Rani	Journal of Data Acquisition and Processing	Land resource management and planning using remote sensing and geographic information systems	Volume - 38, Issue - 3, July 2023	pp.6871-6881, ISSN: 1004-9037	
Dr.A.Jansy Isabella Rani	China Petroleum Processing and Petrochemical Technology	Comprehensive Research on Biodegradable films and Composite coating	, Volume - 23, Issue - 2, September 2023	pp.1579-1588, ISSN: 008-6234	
Dr.A.Jansy Isabella Rani	Journal of Data Acquisition and Processing	Phytochemical Examination and Disinfectant actions of Novel Herbal Formulations	Volume - 38, Issue - 4, July-September 2023	pp.2340-2349, ISSN: 1004-9037	