

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Coimbatore - 641 029

Paper Publication - UGC Care List (2014-2015 To 2018-2019)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
Structural, optical and electrical properties of In <sub>2</sub> (Te <sub>1-x</sub> Se <sub>x</sub> ) <sub>3</sub> thin films	M. Pandian , P. Matheswaran , B. Gokul a, R. Sathyamoorthy and K. Asokan	Physics	Vacuum	2018 - 2019
Studies on phytochemical screening, Antibacterial potential and Hemostatic activity of <i>Tridax procumbens</i>	Dhivyavarshni R, Sagadevan P, Jayaram Jayaraj K, Chandar Shekar B, Ranjth Kumar R and Rathish Kumar S	Physics	Drug Discovery	2018 - 2019
<i>In vitro</i> antioxidant potential of methanol flower extracts of <i>Cassia auriculata Linn.</i>	Surthi P, Sagadevan P, Jayaram Jayaraj K, Chandar Shekar B, Ranjth Kumar R, Rathish Kumar S	Physics	Discovery Biotechnology	2018 - 2019
PSIDIUM GUAJAVA: A novel plant in the synthesis of silver nanoparticles for biomedical applications	SHARMILA C, RANJITH KUMAR R, CHANDAR SHEKAR B	Physics	Asian Journal of Pharmaceutical and Clinical Research	2018 - 2019

Biosynthesis, characterization and remedial aspect of silver nanoparticles against pathogenic bacteria	Ranjith Kumar Rajamani, Selvam Kuppusamy, Chandar Shekar Bellan, Pratheep Hallan Ravi, P Sagadevan	Physics	MOJ Toxicology	2018 - 2019
Enhanced Antimicrobial activity of Aloe vera blended Zinc Oxide Nanoparticles in PVA matrix	Sharmila Chandrana, Jincy Chemmanda Sunnya, Selvi Chandrana, Chandrashekar Bellanb	Physics	Materials today Proceedings	2018 - 2019
Novel mixed cubic-rutile structured In <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> composite nanoparticles (InTiO CNPs): Structure, morphology, photoluminescence and photocatalytic activity	Sathish Sugumaran, Chandar Shekar Bellana, Nataraj Devaraj	Physics	Optik	2018 - 2019
Structural and optical studies of confined ZnS nanoparticles synthesized by chemical precipitation method	N.Manivannan, B.Chandar Shekar, Matheswaran, C.K.Senthilkumaran	Physics	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	2018 - 2019
Anticancer activity of Co doped ZnS nanoparticles synthesized by chemical method	N. Manivannana, B. Chandar Shekara, C.K.Senthil Kumaranb	Physics	International Journal of Applied and Pure Science and Agricult	2018 - 2019

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Structural and thermoelectric properties of Se doped In <sub>2</sub> Te <sub>3</sub> thin films	Pandian Mannu,Matheswaran Palanisamy, Gokul Bangaru, Sathyamoorthy Ramakrishnan,Meena Ramcharan,and Asokan Kandasami	Physics	AIP ADVA NCES	2018 - 2019
Enhanced Tensor Factorization Framework using Non-negative and probabilistic tensor Factorization approaches for Microblogging Content Propagation	N.Bagyalakshmi, Dr.A.Kavitha,Dr.A.Marimuthu	Dr.A.Ka vitha	Internati onal Journal of Enginee ring &Techn ology	2018 - 2019
Existence results of Sobolev type impulsive neutral integrodifferential equations in Banach spaces	R. Poongodi	Mathem atics	Procedi ngs of the Jangjeon Mathem atical Society	2018 - 2019
Dominator Chromatic number of $\alpha, \beta$ product of some graphs	R. Kalaivani and D. Vijayalakshmi	Mathem atics	Advance s and Applicat ions in Mathem atical Sciences	2018 - 2019
Coloring and Global Domination in Vertex Switching of Graphs	R. Kalaivani and D.Vijayalakshmi	Mathem atics	Internati onal Journal for Researc h in	2018 - 2019

			Engineer ring Applicat ion &Manag ement	
$\delta$ -Dynamic Chromatic number of Double Wheel Graph Families	N Mohanapriya, G Nandhini and M Venkatachalam	Mathem atics	Internati onal Journal of Open Problem s in Comput er Science and Mathem atics	2018 - 2019
On the results of nonlocal Hilfer fractional semilinear differential inclusions	R. Subashini, C. Ravichandran	Mathem atics	Procedi ngs of the Jangjeon Mathem atical Society	2018 - 2019
On the controllability of non-densely defined fractional neutral functional differential equations in Banach spaces	R. Subashini, S.Vimal Kumar, S. Saranya and C. Ravichandran	Mathem atics	Internati onal Journal of Pure and Applied Mathem atics	2018 - 2019

On the results of Hilfer fractional derivative with nonlocal conditions	R. Subashini, K. Jothimani, S. Saranya And C. Ravichandran	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
Results on fractional neutral integro-differential systems with state-dependent delay in Banach spaces	N. Valliammal,C. Ravichandran	Mathematics	Nonlinear Studies	2018 - 2019
New results on exact controllability of a class of fractional neutral integro-differential systems with state-dependent delay in Banach spaces	C. Ravichandran, N. Valliammal, Juan J. Nieto	Mathematics	Journal of the Franklin Institute	2018 - 2019
On intuitionistic supra generalized $\alpha$ - closed sets in intuitionistic supra Topological Spaces	N.Bhuvaneshwari and L.Vidyarani	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
On Packing Coloring of Double Wheel Graph Families	K Rajalakshmi and M Venkatachalam	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
On dynamic coloring of certain cycle-related graphs	N.Mohanapriya, J. Vernold Vivin, J. Kok	Mathem	<i>Arabian</i>	2018

	and M.Venkatachalam	atics	<i>Journal of Mathematics</i>	- 2019
A Note on Dominator Chromatic Number of Double Wheel Graph and Friendship Graph	R. Kalaivani and D. Vijayalakshmi	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
<i>On Achromatic number of Double Wheelgraphs</i>	N.NithyaDevi and D. Vijayalakshmi	Mathematics	Journal of Applied Science and Computations	2018 - 2019
<i>On Achromatic number of Central, Middle and Total graph of Bistar graph and Corona of some graphs and its Complement</i>	N.Nithya Devi and D. Vijayalakshmi	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
<i>On b-coloring of Tadpole Graphs</i>	M.Kalpnaand D.Vijayalakshmi	Mathematics	Journal of Applied Science and Comput	2018 - 2019

$r^*$ -closed sets in topological spaces	M. Vigneshwaran, R.Poongodi and A.Anantha Subbulakshmi	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
<i>On b-coloring of Mycielskian Graphs</i>	M.Kalpana and D.Vijayalakshmi	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
$(g^*)^*$ - closed sets in topological spaces	D.Saranya, M. Vigneshwaran and S.Dhanalakshmi	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
Soft generalized Topological Spaces via Soft Hereditary	K.Baby and M. Vigneshwaran	Mathematics	International Journal of Scientific	2018 - 2019

			research and reviews	
The b-coloring of Flower graph families	M.Kalpna and D. Vijayalakshmi	Mathematics	International journal of information and computing science	2018 - 2019
Edge version Molecular Descriptors of Tetrameri 1,3Adamantane	G.Mohanappriya and D.Vijayalakshmi	Mathematics	International Journal of Engineering and Technology	2018 - 2019
<i>On Achromatic coloring of certain classes of Transformation Graphs</i> ,	N.Nithya Devi and D. Vijayalakshmi	Mathematics	Journal of Physics: Conference series	2018 - 2019
<i>Dominator coloring of Degree Splitting graphs of some graphs</i>	R. Kalaivani and D. Vijayalakshmi	Mathematics	Journal of Physics: Conference series	2018 - 2019
Monthly variations in physico-chemical parameters of Perur Chettipalayam Lake, Coimbatore, Tamil	M.Lekshmanaswamy	Zoology	International	2018



nadu,India			onal Journal of Pharmac y and Biologic al Sciences	- 2019
Present status of the water quality parameters of the Aliyar dam, Pollachi, Coimbatore district, Tamilnadu	C.Karthik and M.Lekeshmanaswamy	Zoology	Internati onal Journal of Pharmac y and Biologic al Sciences	2018 - 2019
Structural resemblance and variation in transition metal complexes derived from dipicolinic acid and guanylhydrazine	A. Pushpaveni S. Packiaraj, S. Govindarajan a,†, G.T. McCandless d, C.F. Fronczek d, F.R. Fronczek	Chemist ry	Inorgani ca Chimica Acta	2018 - 2019
EXPLORATION OF DISTINCTIVE MENYANTHES TRIFOLIATA AS GENERATED GREEN NANOPARTICLES: REPORT THEIR LETHAL TOXICITY AGAINST Aedes Aegypti	Siva Kamalakannan, Marimuthu Ramar, Ponnar Arumugam, Kalimuthu Kovendan, Balamurugan Chandramohan, Douglas Vieira Thomaz, Panagal Mani, Selvaraju Raja, and Kadarkarai Murugan	Zoology	America n Journal of Innovati ve Researc h and Applied Sciences	2018 - 2019
Evaluation of Antimicrobial activity of different solvent extracts of Camponotus compressus	Yamuna R and Raja S	Zoology	Internati onal	2018 -

			Journal of Research and Analytical Reviews (IJRAR)	2019
Kairomones from highly susceptible host to control banana pseudostem weevil, <i>odoiporus longicollis</i> (Olivier)	Alagesan Alagersamy, Gunasekaran Tharani, Balakrishnan padmanaban, Sivaperumal Sivaramakrishnan, Subramanian Manivannan	Zoology	Biocatalysis and Agricultural Biotechnology	2018 - 2019
Cloning of the defense gene <i>PlchiIII</i> and its potential role in the biocontrol of <i>Pratylenchus coffeae</i> nematodes and <i>Meloidogyne incognita</i> eggs in musa	Tharani Gunasekaran, Alagesan Alagersamy, Backiyarani suthnthiram, Anitha sree Thangaraj, Sundarafajupalaniyandi, Manivannan Subramanian	Zoology	Biocatalysis and Agricultural Biotechnology	2018 - 2019
Phytochemical profiling of cat whisker's ( <i>Orthosiphon stamineus</i> ) tea leaves extract	Chitra Sivakumar and Karthikeyan Jeganatha N	Chemistry	Journal of Pharmacognosy and Phytochemistry	2018 - 2019
Phytochemical screening and <i>in vitro</i> antioxidant potential of <i>Andrographis megamalayana</i> Gnanasek et al., (Acanthaceae) – an endemic medicinal plant species from southern Western Ghats of Tamil Nadu, India	B.Veena, S.Arumugam, K.Thenmozhi and R.Anusuya Devi	Botany	International Journal of Scientific	2018 - 2019

			Research and Review	
An investigation of anti-proliferative and apoptotic potential of ethanolic leaf and stem extracts of <i>Andrographis megamalayana</i> Gnanasek <i>et al.</i> , (Acanthaceae) against hepatocarcinoma cell line (Hep G2)	B.Veena, S.Arumugam, K.Thenmozhi and R.Anusuyadevi	Botany	American International Journal of Research in Science, Technology, Engineering & Mathematics	2018 - 2019
Establishment of <i>in vitro</i> protocol and impact of mycorrhization with phosphobacteria on micro propagated <i>Pogostemon mollis</i> Benth. (Lamiaceae)	K.Muthuraj, H.Abdul Kaffoor and N. Nagarajan	Botany	Journal of Taibah University for Science	2018 - 2019
Evaluation of analgesic activity of <i>Hydrocotyle conferta</i> Wight (Apocynaceae) – an endangered plant species in the southern western ghats of India	R.Nantha kumar, H.L.Jemimma, K.Arumugasamy and H.Abdul Kaffoor	Botany	International Journal of Pharma and Bio Science	2018 - 2019
Evaluation of a labdane diterpene forskolin isolated from <i>Solena amplexicaulis</i> (Lam.) Gandhi (Cucurbitaceae) revealed promising antidiabetic and antihyperlipidemic pharmacological properties	Arjunan Venkatachalapathi, Krishnaswamy Thenmozhi, Krishnamoorthy karthika,	Botany	Saudi Journal	2018 -

	Mohammad Ajmal Ali, Subramaniam Paulsamy, Fahad AlHemaid, Mohamed Soliman Elshikh		of Biological Sciences	2019
A study on the effect of Electroplating effluent on the Haematological and Genotoxicological analysis of the freshwater fish, <i>Oreochromis mossambicus</i>	Anju K. Raj, S. Binu Kumari, M.Mohan Kumar, T.Sujila, M.K.Drishya and Sruthi Gopinathan	Zoology	International Journal of Pharmacy and Biological Sciences	2018 - 2019
Biosynthesis of silver nanoparticles using stem bark extracts of <i>Diospyros montana</i> and their antioxidant and antibacterial activities	Devaraj Bharathi, M. Diviya Josebin, Seerangaraj Vasantharaj, V. Bhuvaneshwari	Biotechnology	Journal of Nanostructure in Chemistry	2018 - 2019
Olive synthesis, categorization and evaluation of zinc oxide nanoparticles synthesized from <i>Curcuma amada</i> Roxb Aqueous extract	G.Subha and M.Kalaiselvi	Biochemistry	Journal of Scientific Research and Review	2018 - 2019
Modulations of intracellular acetylcholine esterase and carboxylesterase activity in entomopathogenic nematodes induced by <i>Galleria mellonella</i> homogenate	PavithraSheetal B, V. Bhuvaneshwari* and D. Vaidehi	Biotechnology	Journal of Emerging Technologies and	2018 - 2019

			Innovative Research	
Evaluation of the Cytotoxic and Antioxidant Activity of Phyto-synthesized Silver Nanoparticles Using <i>Cassia angustifolia</i> Flowers	Bharathi, D. Bhuvaneshwari, V	Biotechnology	BioNanoScience	2018 - 2019
One pot multicomponent synthesis, biological and DNA interaction of Cyclohepta (B) Indole Derivatives	B.Prakash, A.Amuthavalli, D.Edison, MS.Sivaramkumar and SJ.Kirubavathy	Chemistry	Der Pharma Chemica	2018 - 2019
Consumer's awareness, preferences and satisfaction towards Patanjali products	Dr.R.MAHARAJOTHI PRIYA & Dr.B.DIVYAPRIYA	Commerce PG And PA	Sumedha Journal of Management,	2018 - 2019
Consumers' perception towards green products in Coimbatore city	Dr.B.DIVYAPRIYA	Commerce	International Journal of business and management research	2018 - 2019
Struggles in an Epicurean Life style in the Novel Custody	S. Sakthivel	English	International Journal of Scientific Research	2018 - 2019

			h and Review	
On upper and Lower FaintlyYag – Continuous multifunctions	V. Kokilavani and P.R. Kavitha	Mathematics	International Journal of Computer Applications	2018 - 2019
Impact of fashion online marketing on Y-Gen of Cimbatore city – An empirical study	P.Geetha and E.Sheeba	Commerce	Research Review International Journal of Multidisciplinary	2018 - 2019
Ethnomedicinal assessment of Irula tribes of Walayar valley of Southern Western Ghats, India	Arjunan Venkatachalapathi, Thekkan Sangeeth, Mohannad Ajmal Ali, Sular Senniyappan Tamilselvi, Subramaniyam Paulsamy, Fahad M.A.Ai-Hemaide	Botany	Saudi Journal of Biological Sciences	2018 - 2019
Serqua land customer satisfaction in banking sector – An empirical study in Coimbatore city	E. Sheeba and P.Geetha	Commerce PA	Journal of Emerging Technologies and Innovati	2018 - 2019

			ve Researc h	
On Nano-g-tilde-open sets in Nano topological spaces	V.Rajendran, P.Sathishmohan, K.Lavanya and V.Sindhu	Mathem atics	Journal of Applied Science and Comput ations	2018 - 2019
Dynamic Chromatic number of some line graphs	Hanna Furmaczyk, J. Vernold Vivin and N. Mohanapriya	Mathem atics	Indian Journal of Pure and Applied Mathem atics	2018 - 2019
d - Dynamic Chromatic number of double wheel graph families	N. Mohanapriya, G.Nandhini and M.Venkatachalam	Mathem atics	Internati onal Journal of Open Problem s in Comput er Science & Mathem atics	2018 - 2019
Preparation and characterization of ascorbic acid-mediated chitosan–copper oxide nanocomposite for anti-microbial, sporicidal and biofilm-inhibitory activity	Logpriya S., V. Bhuvaneshwari, D. Vaidehi, R. P. SenthilKumar, R. S. Nithya Malar, B. PavithraSheetal, R. Amsaveni, M. Kalaiselvi.	Biotech nology	Journal of Nanostr ucture in	2018 - 2019

			Chemistry	
Prevalence of mutations in genes associated with isoniazid resistance Mycobacterium tuberculosis isolates from retreated smear positive pulmonary tuberculosis patients: A Meta-analysis.	Alagappan, C., Shivekar, S. S., Brammachary, U., Kapalamurthy, V. R. C., Sakkaravarthy, A., Subashkumar, R., & Muthaiah, M.	Biotechnology	Journal of global antimicrobial resistance.	2018 - 2019
Molecular docking and dynamic simulation studies of terpenoids of <i>I. wightii</i> (Bentham) H. Hara against acetylcholinesterase and histone deacetylase 3 receptor	M. Gogul Ramnath	Biotechnology	Current computer aided drug design	2018 - 2019
Cloning of the defense gene plchiIII and its potential role in the biocontrol of <i>Pratylenchus coffeae</i> nematodes and <i>Meloidogyne incognita</i> eggs in <i>Musa</i>	Tharani Gunasekaran, Alagersamy Alagesan, Backiyarani Suthanthiram, Anitha sree Thangaraj, Sudararaju Palaniyandi and Subramanian Manivannan	Zoology	Biocatalysis and Agricultural Biotechnology	2018 - 2019
Cloning of the defense gene plchiIII and its potential role in the biocontrol of <i>Pratylenchus coffeae</i> nematodes and <i>Meloidogyne incognita</i> eggs in <i>Musa</i>	Tharani Gunasekaran, Alagersamy Alagesan, Backiyarani Suthanthiram, Anitha sree Thangaraj, Sudararaju Palaniyandi and Subramanian Manivannan	Zoology	Biocatalysis and Agricultural Biotechnology	2018 - 2019
Establishment of <i>In vitro</i> protocol and impact of mycorrhization with phosphobacteria on micropropagated <i>Pogostemon mollis</i> Benth. (Lamiaceae)	K.Muthuraj, H.Abdul Kaffoor and N.Nagarajan	Botany	Journal of Taibah University for Science	2018 - 2019
Synthesis of Zinc oxide nanoparticles (ZnO NPs) using pure bioflavonoid rutin and their biomedical	Devaraj Bharathi and V.Bhuvaneshwari	Biotech	Research	2018



applications: antibacterial, antioxidant and cytotoxic activities		nology	h on Chemica l Interme diates	- 2019
Evaluation of the cytotoxic and antioxidant activity of Phyto-synthesized silver Nanoparticles using <i>Cassia angustifolia</i>	Devaraj Bharathi and V.Bhuvaneshwari	Biotech nology	BioNan oScienc e	2018 - 2019
Green synthesis of silver nanoparticles using <i>Cordia dichotoma</i> fruit extract and its enhanced antibacterial, anti-biofilm and photo catalytic activity	Devaraj Bharathi, Seerangaraj Vasantharaj and V.Bhuvaneshwari	Biotech nology	Material s Researc h Express	2018 - 2019
A study on satisfaction of employees in K.G.Denim at Karamadi coimbatore	S.Punitha Devi and M.Ponniah	Comme rce	An internati onal Journal of Manage ment	2018 - 2019
EnhancedTensor factorization framework using non-negative and probabilistic tensor factorization approaches for micro blogging content propagation modeling.	Dr.A.Kavitha,N.Bagyalakshmi	Comput er Science	Internati onal Journal of Enginee ring and Technol ogy	2018 - 2019
An investigation on Social media issues using big data analytics	K.Yemunarane and D.Hemavathi	Comput er Science	Internati onal Journal of	2018 - 2019

			Comput er Sciences and Enginee ring	
A survey on stress detection using data mining techniques	K.Yemunarane and A.Hema	Comput er Science	Internati onal Journal of Comput er Sciences and Enginee ring	2018 - 2019
A survey on ADHD using Data Mining Techniques	M.Lalithambigai and A.Hema	Comput er Science	Internati onal Journal of Comput er Science and Enginee ring	2018 - 2019
On nano $pg^*$ S-closed sets in nano topological spaces	P.Santhishmohan, V.Rajendran and P.Jeevitha	Mathem atics	Malaya Journal of Matemat ik	2018 - 2019
Various decompositions of nano-continuous and some nao weakly-continuous functions	P.Santhishmohan, V.Rajendran, S.Brindha and P.K.Dhanasekaran	Mathem atics	Internati onal	2018 -

			Journal of Scientific Research and Review	2019
On $N_{pg}^*$ p-closed sets in nano topological spaces	P.Santhishmohan, V.Rajendran and R.Saroja	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
Application of $nanopg^*$ s-closed sets in nano topological space	P.Santhishmohan, V.Rajendran and P.Jeevitha	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
On new class of generalization of closed sets in topological spaces	P.Santhishmohan, V.Rajendran and L.Chinnapparaj	Mathematics	International Journal of Scientific Research and Review	2018 - 2019

			Review	
More on nano pre-Neighbourhoods in nano topological spaces	P.Santhishmohan, V.Rajendran, P.K.Dhanasekaran and C.Vignesh	Mathematics	Journal of Applied Science and Computations	2018 - 2019
Properties of nano semi pre -q-closed set in nano topological spaces	P.Santhishmohan, V.Rajendran and C.Vignesh kumar	Mathematics	Journal of Applied Science and Computations	2018 - 2019
Some results on contra nano J-continuity and contra nano gJ-continuity	P.Santhishmohan, V.Rajendran and S.Brindha	Mathematics	Journal of Applied Science and Computations	2018 - 2019
A Perspective study of women entrepreneurship in India	A.Priya	Commerce	International Journal of Social Science and Economic Research	2018 - 2019

Poonthanam's jnanappan: An Encyclopedia of life and the light to enlightenment	M.K.Praseeda Rajesh	English	International Journal of Scientific Research and Review	2018 - 2019
Existence results of Sobolev type neutral impulsive integrodifferential equations in Banach spaces	R.Poongodi, R.Muruges and R.Nirmalkumar	Mathematics	Proceedings of the Jangjeon Mathematical Society	2018 - 2019
Soft Generalized Topological spaces	K.Baby and M.Vigneshwaran	Mathematics	International Journal of Scientific Research and Reviews	2018 - 2019
A travel of Meaningless Solitude to a Meaningful Prodigy – Psychological Intensification in Life of Pi	K.Kaviyarasu	English	International Journal of English Language, Literatur	2018 - 2019

			e in Humanit ies	
Social Marketing: Impact of Anti – Smoking Advertisement among male adults in Coimbatore city	B. Divya priya	Comme rce	Elk Asia Pacific Journal of Marketi ng and Retail Manage ment	2018 - 2019
Consumers’ Perception towards green product in Coimbatore city	B. Divya priya	Comme rce	Internati onal Journal of Business and Manage ment Researc h	2018 - 2019
Consumers’ Awareness, Preference and Satisfaction towards Patanjali Products	B. Divya priya and R. Maharajothi priya	Comme rce	Sumedh a Journal of Manage ment	2018 - 2019
Consumers satisfaction towards online shopping among arts college students in Coimbatore city	R.Maharajothi Priya	Comme rce	Internati onal Journal of Scientifi	2018 - 2019

			c Researc h and Reviews	
Monthly variations in Physico-chemical parameters of Perir Chettipalayam lake, Coimbatore, TamilNadu, India	K. Anusiya Devi and M.Lekeshmanaswamy	Zoology	Internati onal Journal of Pharmac y and Biologic al Sciences	2018 - 2019
Policy Holders Satisfaction Towards Micro Insurance with special reference to Coimbatore district	Dr.B. DIVYA PRIYA	Comme rce PG and PA	Commo n wealth journal of commer ce and manage ment Researc h	2018 - 2019
Perception of consumers towards organised retail outlets in Coimbatore city	Dr.M. REVATHI BALA	Comme rce PG and PA	Internati onal Journal of Manage ment, Technol ogy and Enginee ring	2018 - 2019

Strategic options for promoting green practices in Coimbatore city	Dr.M. REVATHI BALA	Comme rce	Researc h Review Journals Special Issue,	2018 - 2019
Awareness and purchase behavior of consumers towards green products – An Opinion survey	M. Revathi Bala and N. Sruthi	Comme rce	Internati onal Journal of Advance and Innovati ve Researc h	2018 - 2019
Indian digital scenario	MS.N.SRUTHI &Dr.S.RAJAM	Comme rce PG And PA	Internati onal Journal of scientifi c research and reviews	2018 - 2019
Consumer satisfaction towards onlne shopping among arts college students in coimbatore city	Dr.R.MAHARAJOTHI PRIYA &Dr.B.DIVYAPRIYA	Comme rce PG And PA	Internati onal Journal of scientifi c research and	2018 - 2019



			reviews.	
On new class of continuous functions in nano topological spaces	V.Rajendran , P.Sathishmohan and R. Nithyakala	Mathematics	Malaya journal of Matematik	2018 - 2019
On nano semi pre neighbourhoods in nano topological spaces	P.Sathishmohan, V.Rajendran, C.Vignesh Kumar and P.K. Dhanasekaran	Mathematics	Malaya journal of Matematik	2018 - 2019
Effect of petrochemical effluent on biochemical parameters in the fresh water fish, <i>Labeo rothita</i>	M.Mohan Kumar, S.Binu Kumari, Sruthi Gopinathan, T.Sujila and M.K.Drishya	Zoology	International Journal of Life Sciences Research	2018 - 2019
A study on the effect of electroplating effluent and its histopathological and SEM analysis in the gills of fresh water fish, <i>Oreochromis mossambicus</i>	N. Akshaya, S. Binu Kumari*, M. Mohan Kumar , M. K. Drishya , T. Sujila , and Sruthi Gopinathan	Zoology	Journal of Pharmacy and Biological Sciences	2018 - 2019
On g - Dynamic Coloring of the total graphs of gear graphs	Thangavelu Deepa, Mathiyazhagan Venkatachalam	Mathematics	Applied Mathematics E-Notes	2018 - 2019
A study on the export performance of coir products in India	R.Padmanaban and P.K.Uma Maheswari	Commerce	International Journal of	2018 - 2019

			Creative Research Thought	
Photocatalysis of cobalt zinc ferrite nanorods under solar light	O.Raina, Rakkiyasamy Manimekalai	Chemistry	Research on Chemical intermediates	2018 - 2019
Strategic options for promoting	M.Revathi Bala and N. Sruthi	Commerce	International Journal of Multidisciplinary	2018 - 2019
Antibacterial and photocatalytic activity of copper oxide nanoparticles synthesized using <i>Solanum lycopersicum</i> leaf extract	D.Vaidehi, V.Bhuvaneshwari, Devaraj Bharathi and Pavithra Sheetal	Biotechnology	Materials Research Express	2018 - 2019
Phytochemical screening of aqueous leaf extract of <i>Sida acuta</i>	R.P.Senthilkumar, V.Bhuvaneshwari, V.Malayaman, R.Ranjithkumar and S.Sathiyavimal	Biotechnology	Journal of Emerging Technologies and Innovative Research	2018 - 2019

On nano semi pre neighbourhoods in nano topological spaces	P.Santhishmohan, V.Rajendran, C.Vignesh kumar and P.K.Dhanasekaran	Mathematics	Malaya Journal of Matematik	2018 - 2019
Loan borrower's satisfaction towards equated monthly installment (EMI)options of commercial banks in Coimbatore city	P.Vijay	Commerce	International Journal of Social Science and Economic Research	2018 - 2019
An impact of work life balance on women employees in baking sector an empirical study	C. Goldbell Rachel and K. Suresh Babu	Commerce	Journal of Emerging Technologies and Innovative Research	2018 - 2019
Serqua land customer satisfaction in banking sector –An empirical study in Coimbatore city	E. Sheeba and P. Geetha	Commerce	Journal of Emerging Technologies	2018 - 2019

			and Innovati ve Researc h	
Emergence of new women in the select novels of Nayantara Sahgal	Dr.S.P.Sasi Rekha	English	Languag e in India	2018 - 2019
On Achromatic number of double wheel graphs	N.Nithya devi and D.Vijayalakshmi	Mathem atics	Journal of Applied Science and Comput ations	2018 - 2019
Fall coloring and b-coloring of graphs	M.Kalpana and D.Vijayalakshmi	Mathem atics	Journal of Physics Confere nce Series	2018 - 2019
A note on dominator chromatic number of some graphs	R.Kalaivani and D.Vijayalakshmi	Mathem atics	Journal of Physics: Confere nce Series	2018 - 2019
On dominator coloring of degree splitting graph of some graphs	R.Kalaivani and D.Vijayalakshmi	Mathem atics	Journal of Physics: Confere nce Series	2018 - 2019

Coloring and global domination in vertex switching of graphs	R.Kalaivani and D.Vijayalakshmi	Mathematics	International Journal for Research in Engineering Application & Management	2018 - 2019
On Packing coloring of wheel graph families	K.Rajalakshmi M.Venkatachalam and N.Mohanapriya	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
$(g^*a)^*$ - closed set in topological spaces	D.Saranya, M.Vigneshwaran and S.Dhanalakshmi	Mathematics	International Journal of Scientific Research and Review	2018 - 2019
$P^*$ - closed sets in Topological spaces	M.Vigneshwaran and R.Poongodi	Mathematics	International Journal of	2018 - 2019

			Scientific Research and Review	
Overview of software defect prediction machine learning algorithms	N.Kalaivani and R.Beena	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
A critique on software cost estimation	K. Rajeshwari and R.Beena	Mathematics	International Journal of Pure and Applied Mathematics	2018 - 2019
On irregular coloring of double wheel graph families	A.Rohini and M.Venkatachalam	Mathematics	Communication Faculty of Sciences University of Ankara-Series A1 Mathematics and	2018 - 2019

			Statistic s	
On irregular coloring of fan graph families	A.Rohini and M.Venkatachalam	Mathem atics	Journal of Physics: Confere nce Series	2018 - 2019
Modulations of intracellular acetylcholine esterase and carboxylesterase activity in entomopathogenic Nematodes induces by Galleria Mellonella Homogenate	B.Pavithra Sheetal, V.Bhuvaneshwari and D.Vaidehi	Biotech nology	Journal of Emergin g Technol ogy and Innovati ve Researc h	2018 - 2019
On intuitionistic supra generalized a - closed sets in intuitionistic supra topological spaces	N.Bhuvaneshwari and L.Vidyarani	Mathem atics	Internati onal Journal of Scientifi c Researc h and Review	2018 - 2019
<i>In vitro</i> free radical scavenging activity of essential oil extracted from <i>Citrus sinensis</i>	M. Vinodhini and M.Kalaiselvi	Bioche mistry	Journal of Scientifi c Researc h and	2018 - 2019

			Review	
Inducible nitric oxide synthase downregulation and apoptotic activity of <i>Pleurotus florida</i> (Oyster Mushroom)	AathishreeVanji, R., Thirugnanasampandan, R., Vasantharani, S., Bhuvaneswari	Biotechnology	Pharmacognosy Magazine	2018 - 2019
A review of localization methods in wireless sensor networks (WSNs)	A.Nithya and A.Kavitha	Computer Science	International Journal of basic and applied research	2018 - 2019
$d^*$ ga -continuous functions in topological spaces	K.Damodharan and M.Vigneshwaran	Mathematics	American International Journal of Research in Science, Technology, Engineering & Mathematics	2018 - 2019
$N$ ga*Y - closed sets in neutrosophic topological spaces	T. Nandhini and M. Vigneshwaran	Mathematics	American International Journal of	2018 - 2019



			Research in Science, Technology, Engineering & Mathematics	
Sentiment Analysis – A comprehensive study	C.Bhuvaneshwari and R.Beena	Computer Science	International Journal of Scientific Research in Computer Science Applications and Management Studies	2018 - 2019
Efficient humidity-sensitive electrical response of annealed lithium substituted nickel ferrite (Li-NiFe <sub>2</sub> O <sub>4</sub> )	V.Manikandan, Lulian Petrila, S.Vigneselvan, Raghu Dharmavarapu, Saulius Juodkazis, S.Kavita and Chandrasekaran	Physics	Journal of Materials Science	2018 - 2019
An Efficient Compression Then Encryption Technique For Secured Fiber Optic Communication	Bosco Paul Alapatt, Dr.A.Kavitha	Computer	Journal Of Advances	2018 - 2019

		Science	d Researc h In Dynami cal & Control Systems	
New results on exact controllability of a class of fractional neutral intergro-differential systems with state-dependent delay in Banach spaces	C.Ravichandran, N.Valliammal, Juan J.Nieto	Mathem atics	Journal of the Franklin Institute	2018 - 2019
	T.Nanthini and M. Vigneshwaran	Mathem atics	America n Internati onal Journal of Researc h in Science, Technol ogy, Enginee ring & Mathem atics	2018 - 2019
$\mathcal{D}_{\mu-\psi}^{\alpha}$ -closed sets in Neutrosophic topological spaces				
Properties of $\mathcal{D}_{\mu-\psi}^{\alpha}$ -Compact Spaces in Generalized Topological Spaces	Kokilavani, V and Kavitha P.R	Mathem atics	America n Internati onal Journal of Researc	2018 - 2019

			h in Science, Technol ogy, Enginee ring & Mathem atics	
Existence Result for a Neutral Fractional Integro-Differential equation with state dependent delay	K.Jothimani, N.Valliammal	Mathem atics	Journal of Applied Nonline ar Dynami cs	2018 - 2019
On r-Dynamic coloring of splitting graphs	G.Nandhini, M.Venkatachalam and S.Gowri	Mathem atics	America n Internati onal Journal of Researc h in Science, Technol ogy, Enginee ring & Mathem atics	2018 - 2019
Struggle for survival of the women protagonists in the select novels of Nayantara sahgai	S.P. Sasi Rekha	English	Literary Endeavo ur	2018 - 2019

Oranorhenium (II) complexes featuring pyrazole-linked Schiff base ligands: Crystal structure, DNA/BSA interactions, cytotoxicity and molecular docking	K.S.Neethu, Jayanthi Eswaran, M.Theetharappan, S.P.Bhuvanesh Nattamai, M.A.Neelakantan and Kaveri M. Velusamy	Chemistry	Applied Organometallic chemistry	2018 - 2019
A study on opportunities and challenges faced through digital payments with reference to coimbatore city	C.Nandhini and A.Kothai	Commerce	International Journal of Social Science and Economic Research	2018 - 2019
On g-dynamic coloring of the family of Bistar	G.Nandhini, M.Venkatachalam and S.Gowri	Mathematics	Communication Faculty of Sciences University of Ankara-Series A1 Mathematics and Statistics	2018 - 2019
Role of medicinal plants in the management of diabetes mellitus: a review	Bindu Jacob and T.T.Narendhirakannan	Biochemistry	3 Biotech	2018 - 2019

Sentiment analysis in stock market – A survey	C.Bhuvaneshwari and R.Beena	Computer Science	American International Journal of Research in Science, Technology, Engineering & Mathematics	2018 - 2019
Neutrosophic $b^*g\alpha$ -interior and Neutrosophic $b^*g\alpha$ -clouser	S.Saranya and M. Vigneshwaran	Mathematics	American International Journal of Research in Science, Technology, Engineering & Mathematics	2018 - 2019
On $y^*g\alpha$ -closed sets in topological spaces	R.Geetha, M. Vigneshwaran and T.Nanthini	Mathematics	American International	2018 - 2019

			onal Journal of Researc h in Science, Technol ogy, Enginee ring & Mathem atics	
$\delta^*g\alpha$ -continuous functions in topological spaces	K.Damodharan and M. Vigneshwaran	Mathem atics	America n Internati onal Journal of Researc h in Science, Technol ogy, Enginee ring & Mathem atics	2018 - 2019
Enhancement in magnetic and dielectric properties of the ruthenium – doped copper ferrite (Ru – CuFe <sub>2</sub> O <sub>4</sub> ) nanoparticles	V.Manikandan, V.Kuncser, Bogdan Vasile, S.Kavita, S.Vigneselvan and R.S.Mane	Physics	Journal of Magneti sm and Magneti c	2018 - 2019

			Material s	
Fabrication and characterization of Ru-doped LiCuFe <sub>2</sub> O <sub>4</sub> nanoparticles and their capacitive and resistive humidity sensor applications	V.Manikandan, Florin Tudorache, Iulian Petrila, R.S.Mane, V.Kuncser, Bogdan Vasile, David Morgan, S.Vigneselvan and Ali Mirzaei	Physics	Journal of Magneti sm and Magneti c Material s	2018 - 2019
Effect of temperature on gas sensing properties of lithium (Li) substituted (NiFe <sub>2</sub> O <sub>4</sub> ) nickel ferrite thin film	V. Manikandan, Jae-Hun Kim, Ali Mirzaei, Sang Sub Kim, S. Vigneselvan, Monika Singh and J.Chandrasekaran	Physics	Journal of Magneti sm and Magneti c Material s	2018 - 2019
Preparation of chitosan coated zinc oxide nanocomposites for enhanced antibacterial and photocatalytic activity: As a bionanocomposite.	Bharathi. D, Ranjithkumar. R, Chandershekar. B, Bhuvaneshwari. V.	Biotech nology	Internati onal Journal of Biologic al Macrom olecules	2018 - 2019
Biosynthesis and characterization of hydroxyapatite and its composite (hydroxyapatite-gelatin-chitosan-fibrin-bone ash) for bone tissue engineering applications	SelvamSathiyavimal SeerangarajasantharajFelixLewisOscarArivalaganPugazhendhiRathinasamySubashkumar	Biotech nology	Internati onal Journal of Biologic al Macrom	2018 - 2019

Shape controlled synthesis of dextran sulfate stabalized silver nanoparticles: Biocompatibility and anticancer activity	Sharmila Chandran, Prabhavathi Venkatesan, Dinesh Bheeman, Ranjith Rajamani and Chandarshekar Bellan	Biotechnology	Molecules Materials Research Express	2018 - 2019
ISOLATION, CHARACTERIZATION, AND DIFFERENTIATION OF MESENCHYMAL STEM CELL FROM RAT BONE MARROW IN VITRO	Ranjith Santhosh Kumar DS, Senthil Kumar P, Surendran L, Sudhagar B And Vinodhini J	Biotechnology	International Journal of Pharmacy and Biological Sciences	2018 - 2019
Synthesis and characterization of chitosan/iron oxide nanocomposite for biomedical applications	Bharathi. D, Ranjithkumar. R, S. Vasantha Raj, Chandarshekar. B, Bhuvaneshwari. V.	Biotechnology	International Journal of Biological Macromolecules	2018 - 2019
Effect of temperature on gas sensing properties of lithium $\delta$ LiP substituted $\delta$ NiFe <sub>2</sub> O <sub>4</sub> nickel ferrite thin film	V. Manikandan, Jae-Hun Kim b, Ali Mirzaei, Sang Sub Kim, S. Vigneselvan, Monika Singh, J. Chandrasekaran	Physics	Journal of Molecular Structure	2018 - 2019
Enhancement in magnetic and dielectric properties of the ruthenium-doped copper ferrite (RuCuFe <sub>2</sub> O <sub>4</sub> ) nanoparticles	V. Manikanda, V. Kuncser, Bogdan Vasile, S. Kavita, S. Vigneselvan, R.S. Mane	Physics	Journal of Magnetism and	2018 - 2019



			Magnetic Materials	
Room-Temperature Gas Sensing Properties of Nanocrystalline-Structured Indium-Substituted Copper Ferrite Thin Film	V. MANIKANDAN ,MONIKA SINGH, B.C. YADAV, and S. VIGNESELVAN	Physics	Journal of ELECTRONIC MATERIALS	2018 - 2019
Structural, dielectric and enhanced soft magnetic properties of lithium (Li) substituted nickel ferrite (NiFe <sub>2</sub> O <sub>4</sub> ) nanoparticles	V. Manikandan, Juliano C. Denardin, S. Vigniselvan, R.S. Mane	Physics	<i>Journal of Magnetism and Magnetic Materials</i>	2018 - 2019
Solvent free synthesis of Ta <sub>2</sub> O <sub>5</sub> nanoparticles and their photocatalytic properties	A. Krishnaprasanth and M. Seetha	Physics	AIP ADVANCES	2018 - 2019
Modified Tensor Factorization For Efficient Micro Blogging Content Propagation Modelling	N.Bagyalakshmi Dr.A.Kavitha, Dr.A.Marimuthu	Computer Science	Journal Of Advanced Research In Dynamical And Control Systems	2017 - 2018
Synthesis and structural characterization of CdFe <sub>2</sub> O <sub>4</sub> nanostructures	K. Kalpanadevi, C.R. Sinduja and R. Manimekalai	Chemistry (PG)	<i>International</i>	2017 -

		& Research)	<i>Journal of Nanoscience</i>	2018
Productivity of oncology research output in India: Testing Lotka's Law	M.Muthukrishnan and R.SenthilKumar	Library and information Science	International Journal of Information Dissemination and Technology	2017 - 2018
A Scientometric analysis of Astrophysics research output in India: Study based on web science	R.SenthilKumar and G.Ulaganathan	Library and information Science	Asian Journal of Information Science and Technology	2017 - 2018
Scientometric analysis of Astrophysics research output in India: A study based on web of Science Database	G.Ulaganathan and R.SenthilKumar	Library and information Science	Journal of Advances in Library and Information Science	2017 - 2018

A Scientometric analysis of Astrophysics research output in India (1989 - 2016)	R. Senthilkumar and G.Ulaganathan	Library and information Science	Indian Journal of Information Sources and Services	2017 - 2018
Health information awareness among the teaching professionals of higher education: An analysis	R. Senthilkumar and G.Ulagaanathan	Library and information Science	Journal of Advanced Research in Library and Information Science	2017 - 2018
A Novel Encryption Algorithm For End To End Secured Fiber Optic Communication	Bosco Paul Alapatt, Dr. A. Kavitha, Dr. J. Amudhavel	Mathematics	International Journal of Pure and Applied Mathematics	2017 - 2018
Thermally evaporated InZnO transparent thin films: Optical, electrical and photoconductivity behavior	Sathish Sugumaran, Chandar Shekar Bellan and Dinesh Bheeman	Physics	Optical Materials	2017 - 2018
Wide band gap of Strontium doped Hafnium oxide nanoparticles for optoelectronic device applications – Synthesis and characterization	J. Manikantana, H.B. Ramalingam, B. Chandar Shekar, B. Murugan, R. Ranjith Kumar and J. Sai Santhoshi	Physics	Materials Letters	2017 - 2018

Physical and optical properties of HfO <sub>2</sub> NPs – Synthesis and characterization in finding its feasibility in opto-electronic devices	J. Manikantan, H.B. Ramalingam , B. Chandar Shekar, B. Murugan, R. Ranjith Kumar, J. Sai Santhoshi	Physics	Advanced Powder Technology	2017 - 2018
Soil impact and radiation dose to native plants in forest ecosystem	P.K. Manigandan . B. Chandar Shekar	Physics	Agroforest Systems	2017 - 2018
Novel Chitosan Nanoparticles as Drug Carriers in Cancer Therapy	Vaidehi. D, V. Bhuvaneshwari*, R. Amsaveni, M. Kalaiselvi, A. Sivaranjini	Biotechnology	Journal of Polymer Materials	2017 - 2018
$bT\mu$ - compactness and $bT\mu$ - connectedness in supra topological spaces	K. Krishnaveni, M. Vigneshwaran	Mathematics	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2017 - 2018
Controllability results for fractional order neutral functional differential inclusions with infinite delay	Yong Zhou, V.Vijayakumar, C. Ravichandran, R. Murugesu	Mathematics	Fixed Point Theory	2017 - 2018
On the controllability of fractional neutral integro-differential delay equations with nonlocal conditions	N. Valliammal,C. Ravichandran, J Hu.Park	Mathematics	Mathematical Methods in the Applied Sciences	2017 - 2018

Preliminary phytochemical analysis and evaluation of antioxidant, cytotoxic and inhibition of lipopolysaccharide-induced NOS (iNOS) expression in BALB/c mice liver by Ziziphosoenoplia Mill. fruit	R. Thirugnanasampandan, GunasekarRamya, GunasekaranBhuvaneshwari, Srinivasan Aravindh, Suresh Vaishnavi, MadhusudhananGogulramnath	Biotechnology	Journal of Complementary and Integrative Medicine	2017 - 2018
Synthesis, characterization and antibacterial activity of hybrid chitosan-cerium oxide nanoparticles: As a bionanomaterials	Senthilkumar RP, V. Bhuvaneshwari, Ranjithkumar R, Sathiyavimal S, Malayaman V, Chandarshekar B	Biotechnology	International Journal of Biological Macromolecules	2017 - 2018
Synthesis, characterization and plant growth assessment Of hybrid calcium oxide nanoparticles	A.S. BALAGANESH AND B. CHANDAR SHEKAR	Physics	International Journal of Pharma and Bio Sciences	2017 - 2018
Novel report on single phase BiFeO3 nanorod layer synthesized rapidly by novel hot-wall spray pyrolysis system: evidence of high magnetization due to surface spins	P. M.Razad •K.Saravanakumar1• V. Ganesan • R. J. Choudhary •A. Moses Ezhil Raj• R. Devaraj• M. Jithin1• K.Mahalakshmi•Manju Mishra Patidar• V. R.Sreelakshmi1• G. Marimuthu1• C. Sanjeeviraja	Physics	Journal Materials Science	2017 - 2018
Growth, mechanism and properties of TiO2 nanorods embedded nanopillar: Evidence of lattice orientation effect	M. Jithin , K. Saravanakumar, V. Ganesan, V.R. Reddy, P.M. Razad, Manju Mishra Patidar, K. Jeyadheepan , G. Marimuthu,	Physics	Superlattices and Microstr	2017 - 2018

	V.R. Sreelakshmi, K. Mahalakshmi		lectures	
Enhanced performance of SnO <sub>2</sub> -Mn(1-X)Cu(X)Fe <sub>2</sub> O <sub>4</sub> gas sensors towards carbon dioxide and oxygen	M. Balaji, R.A. Jeyaram , P. Matheswaran	Physics	Journal of Alloys and Compounds	2017 - 2018
Thermally evaporated InZnO transparent thin films: Optical, electrical and photoconductivity behavior	Sathish Sugumaran, Chandar Shekar Bellan and Dinesh Bheeman	Physics	Optical Materials	2017 - 2018
Wide band gap of Strontium doped Hafnium oxide nanoparticles for opto- electronic device applications – Synthesis and characterization	J.Manikantan, H.B. Ramalingam, B. Chandar Shekar, B. Murugan, R. Ranjith Kumar, J. Sai Santhoshi	Physics	Materials Letters	2017 - 2018
Structural and optical properties of phase transformation Barium doped HfO <sub>2</sub> nanorods—Synthesis and Characterization	J. Manikantan, H.B. Ramalingam, B. Chandar Shekar, B. Murugan, R. Ranjith Kumare, J. Sai Santhoshi	Physics	Optik	2017 - 2018
Temperature dependence of optical properties on BaTiO <sub>3</sub> thin films for optoelectronics applications	R. SENGODAN, B. CHANDAR SHEKAR, R. BALAMURUGAN, R. KANNAN, R. RANJITHKUMAR	Physics	Journal of optoelectronics and advanced materials	2017 - 2018
GC-MS analysis and biological activities of essential oil from <i>Citrus limetta</i> peel-an <i>in vitro</i> model	M. Vinodhini, M. Kalaiselvi, V. Bhuvaneshwari and R. Amsaveni	Biochemistry	Journal of Essential Oil Bearing Plants	2017 - 2018
Phytochemical constituents from dietary plant <i>Citrus hystrix</i>	Mathusalini S., Chandraprakash K., Arasakumar T., Mani G., Gayathri K.,	Biotechnology	Natural Product	2017 -

	Viswanathan V., Velmurugan D., Lin C., Gogul Ramnath M. Thirugnanasampandan R. & Mohan P. S.		Research	2018
A Fault Tolerant based Efficient Power Route Discovery Approach for MANET	Mathusalini S., Chandraprakash K., Arasakumar T., Mani G., Gayathri K., Viswanathan V., Velmurugan D., Lin C., Gogul Ramnath M. Thirugnanasampandan R. & Mohan P. S.	Biotechnology	Natural Product Research	2017 - 2018
Fuzzy Logic with Bee Colony based Trusted Data Forwarding Routing Protocol (FLBC-TDFRP) for Mobile Ad Hoc Networks	Mr. A.K.Ashfauk Ahamed	BCA	International Journal of Pure and Applied Mathematics (IJPAM)	2017 - 2018
Antioxidant and cardio-protective effect of a poly-herbal Formulation against isoprenaline hydrochloride induced Myocardial necrosis in rats	Kavitha, P. and C. Sowmia	Biotechnology	International Journal of Pharma and Bio Sciences	2017 - 2018
Synthesis and Crystal Structure of 7,8,9,10-Tetrahydro-2-bromo-cyclohepta[b]indol-6(5H)-one	R. Velmurugan	Chemistry	Crystallography Reports	2017 - 2018
Antioxidant effect of polyherbal formulation in isoprenaline hydrochloride induced myocardial infarction in rats.	Kavitha, P. and C. Sowmia	Biotechnology	International Journal of Pharmacy and	2017 - 2018

			Pharmaceutical Sciences	
Exact Controllability Results for A Class of Abstract Nonlocal Cauchy Problem With Impulsive Conditions	R. Poongodi, R.Murugesu, R. Nirmalkumar	Mathematics	EVOLUTION EQUATIONS AND CONTROL THEORY	2017 - 2018
Isolation, spectroscopic and thermal properties of hydrazinium tris(oxydiacetato)lanthanate(III) hemi(pentahydrate)	A. Pushpaveni	Chemistry	Journal of Thermal Analysis and Calorimetry	2017 - 2018
Mamdani Fuzzy Logic System based Merkle Technique (M-FLS-MT) for Malicious Node Detection in Wired and Wireless Networks	R. Karthik, Dr.S.Veni and Dr. B.L. Shivakumar	Computer Science	International Journal of Pure and Applied Mathematics	2017 - 2018
On nano semi-continuity and nano pre-continuity	P Sathishmohan, V Rajendran, A Devika and R Vani	Mathematics	International Journal of Applied Research	2017 - 2018



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bTm- compactness and bTm - connectedness in supra topological spaces	K.Krishnaveni	Mathematics	European Journal Of Pure And Applied Mathematics	2017 - 2018
Exact controllability results for a class of abstract nonlocal Cauchy problem with impulsive conditions	R. Poongodi	Mathematics	Evolution Equations and Control Theory	2017 - 2018
Eccentricity Indices of Wheel Graph Family	G. Mohanappriya,D.Vijayalakshmi	Mathematics	International Journal of Pure and Applied Mathematics	2017 - 2018
Eccentricity indices of helm Graph family	G. Mohanappriya,D.Vijayalakshmi	Mathematics	International Journal of Pure and Applied Mathematics	2017 - 2018
A Study on the impact of celebrity advertisement among college students in Coimbatore city	Dr.M. REVATHI BALA	Commerce	International	2017 -

			Journal of Business and Administrative review	2018
Nanostructured materials with plasmonic nanobiosensors for early cancer detection: A past and future prospect	Sathish Sugumaran, Mohd Faizal Jamlos, Mohd Noor Ahmad, Chandar Shekar Bellan and Dominique Schreurs	Physics	Biosensors and Bioelectronics	2017 - 2018
Antibacterial activity of silver nanoparticles Coated intravascular catheters (agnps-ivc) Against biofilm producing pathogens	R. Sengodan, R. Ranjithkumar, K. Selvam and B. Chandarshekar	Physics	Rasayan Journal of Chemistry	2017 - 2018
Synthesis and characterisation of Ni <sub>0.25</sub> Co <sub>0.75</sub> Fe <sub>2</sub> O <sub>4</sub> nanostructures	K. Kalpanadevi	Chemistry (PG)	Bulletin of the Chemical Society of Ethiopia	2016 - 2017
Structural and Electrical Properties of ZnO Flower-Like Structures	Sugapriya S, Lakshmi S., Senthil Kumaran C. K., Manivannan N. and Chandar Shekar B	Physics	An International Research Journal of Nano Science & Technology	2016 - 2017

Green route: an approach for synthesis of Silver and gold nanoparticles	Ranjithkumar. R, K. Selvam, P. Sagadevan and B. Chandar Shekar	Physics	International Journal of Biosciences and Nanosciences	2016 - 2017
DATA MINING ON CRUDE, PARTIALLY PURIFIED AND DOPED SILVER NANOPARTICLES OF TWO PLANT SPECIES AGAINST DENGUE VECTOR, <i>Aedes aegypti</i>	Rajmohan devadass, haldurai lingaraj, Ranjithkumar rajamani, logankumar kandasami And chandar shekar bellan	Physics	Journal of Biology and Nature	2016 - 2017
Fabrication of two-dimensional photonic quasi-crystals with 18- and 36-fold by holography for solar application	Vadivelan Varadarajan and Chandar Shekar	Physics	Journals the Institution of Engineering and Technology	2016 - 2017
Evaluation of phytochemical constituents of <i>Hemigraphis alternata</i> (Burm. F.) T. Anderson leaf extract	Rangheetha R, Suganya M, Sridharan K, Sureshkumar M, Vivekanandhan G, Kalaiselvi M, Bhuvaneshwari V and Amsaveni R,	Biotechnology	Der Pharmacia Lettre	2016 - 2017
Fabrication of a phase transmission holographic optical element in polycarbonate and its characterization	V. VADIVELAN AND B.CHANDAR SHEKAR	Physics	Applied Optics	2016 - 2017
Role of hexamine: growth of multiarmed ZnO nanorods and evidence of merging due to lateral growth	R. Devaraj • K. Venkatachalam1 • K. Saravanakumar • P. M. Razad • K. Mahalakshmi	Physics	Journal Materials Science	2016 - 2017
Existence of mild solution for fractional nonlocal neutral impulsive integro-differential equations with	R.Poongodi	Mathem	Nonline	2016

<u>state-dependent delay</u>		atics	ar Studies	- 2017
On $I^{\alpha}(T)$ $\alpha$ -open and $I^{\beta}(T)$ $\beta$ -open sets in intuitionistic topological spaces	P.Basker and V.Kokilavani	Mathematics	Maejo International Journal of Science and Technology	2016 - 2017
Production inventory model With deteriorating items, two rates of production cost and taking account of time value of money	V. Choudri, M.Venkatachalam and S. Panayappan	Mathematics	<i>Journal of Industrial and Management Optimization</i>	2016 - 2017
On dynamic coloring of fan graphs	N Mohanapriya, V J Vernold and M Venkatachalam	Mathematics	International Journal of Pure and Applied Mathematics	2016 - 2017
Synthesis and biological evaluation of new spirooxindoles with embedded pharmacophores	Sadasivam Mathusalini, Thangaraj Arasakumar, Krishnasamy Lakshmi, Chia-Her Lin, Palathurai Subramaniam Mohan, Madhusudhanan Gogul Ramnath and Ramaraj Thirugnanasampandan	Biotechnology	New Journal of Chemistry	2016 - 2017
Purified essential oil from <i>Ocimum sanctum</i> Linn. triggers the apoptotic mechanism in human breast	Thamilvaani Manaharan, Ramaraj	Biotech	Pharmac	2016

cancer cells	Thirugnanasampandan, Rajarajeswaran Jayakumar, M. S. Kanthimathi, Gunasekar Ramya, Madhusudhanan Gogul Ramnath	nology	ognosy Magazine	- 2017
Synthesis, characterization and antibacterial activity of hybrid chitosan-cerium oxide nanoparticles- as a bionanomaterials	Senthilkumar R. P, V. Bhuvaneshwari, R. Ranjithkumar, S. SathiyaVimal, V. Malayaman, B. Chandar Shekar	Biotechnology	International Journal of Biological Macromolecules	2016 - 2017
Antigenotoxic and apoptotic activities of essential oil of <i>Atalantiamonophylla</i> Correa	RamarajThirugnanasampandan GunasekarRamya, MadusudhananGogulramnath	Biotechnology	Indian Journal of Pharmacology	2016 - 2017
Hepatoprotective and cytotoxic activities of abietic acid from <i>Isodon wightii</i> (Bentham) H. Hara	Madhusudhanan Gogul Ramnath, Ramaraj Thirugnanasampandan, Sadasivam Mathusalini, Palathurai Subramanium Mohan	Biotechnology	Pharmacognosy Research	2016 - 2017
<i>In vitro</i> thrombolytic activity of <i>Hemigraphisalternata</i> (Burm.f.) T. Anderson leaf extract	Suganya M, Rangheetha R, Sridharan K, Sureshkumar M, Vivekanandhan G, Kalaiselvi M, Bhuvaneshwari V and Amsaveni R	Biotechnology	Der Pharmacia Lettre	2016 - 2017
“Impact of Anita Desai’s <i>The Village by the Sea</i> on the Adolescent Psyche”	Dr. SHOBHA RAMASWAMY and K.KAVIYARASU	English	Language in India	2016 - 2017
Structural and molecular docking studies of biologically active mercaptopyrimidine Schiff bases	R. Velmurugan	Chemistry	Journal of Molecular Structure	2016 - 2017

Nonribosomal peptide synthetase with a unique iterative-alternative-optional mechanism catalyzes amonabactin synthesis in Aeromonas	Esmael, Q., M. Chevalier, G. Chataigné, R. Subashkumar, P. Jacques and V. Leclère	Biotechnology	Applied Microbiology and Biotechnology	2016 - 2017
Existence of mild solution for fractional nonlocal neutral impulsive integro-differential equations with state-dependent delay	R. Poongodi, R.Murugesu	Mathematics	NONLI NEAR STUDIES	2016 - 2017
Biological evaluation of organometallic palladium(II) complexes containing 4-hydroxybenzoic acid (3-ethoxy-2- hydroxybenzylidene)hydrazide: Synthesis, structure, DNA/protein binding, antioxidant activity and cytotoxicity	A. Manimaran	Chemistry	Applied Organometallic chemistry	2016 - 2017
Production of Non-Ribosomal Peptide Synthetase (NRPS)- Dependent Siderophore by Aeromonas Isolates	Amsaveni R, Sureshkumar M, Aravinth A, Mary JR, Vivekanandhan G	Biotechnology	Iranian Biomedical Journal	2016 - 2017
Controllability of Second-Order Impulsive Nonlocal Cauchy Problem Via Measure of Noncompactness	V. Vijayakumar, R. Murugesu, R. Poongodi and S. Dhanalakshmi	Mathematics	Mediterranean Journal of Mathematics	2016 - 2017
Synthesis, structure and thermal behavior of hydrazine-coordinated copper pyromellitate polymeric complex and dihydrazinium pyromellitate	V. Ranjithkumar	Chemistry (PG)	<u>Journal of Thermal Analysis and Calorimetry</u>	2016 - 2017
Thickness and annealing effects on thermally evaporated InZnO thin films for gas sensors and blue,	Sathish Sugumaran , Mohd Faizal Jamlos,	PHYSI	45	2016

green and yellow emissive optical devices	Mohd Noor Ahmad, Chandar Shekar Bellan and Manoj Sivaraj	CS	Optical Materials	- 2017
On Dynamic coloring of Fan Graphs	N.Mohanapriya	Mathematics	International Journal of pure and Applied mathematics	2016 - 2017
On intuitionistic supra N-closed set	L.Vidyarani and M.Vigneshwaran	Mathematics	Journal of Advanced Studies in Topology	2016 - 2017
Fabrication of Phase Transmission Holographic Optical Element in Polycarbonate and its Characterization	Vadivelan V and Chandar Shekar B	PHYSICS	Applied Optics	2016 - 2017
Biosynthesis of PVA encapsulated silver nanoparticles	Sharmila Chandran, Vinuppriya Ravichandran, Selvi Chandran, Jincy Chemmanda, Bellan Chandarshekar	PHYSICS	Journal of Applied Research and Technology	2016 - 2017
A study on the working performance of District Central Cooperative banks in India	Dr.M.RevathiBala	Commerce	International Journal of	2016 - 2017

			Multidisciplinary Research Review	
New Possibility on InZnO Nano Thin Film for Green Emissive Optoelectronic Devices	Sathish Sugumaran, Mohd Noor Bin Ahmad, MohdFaizalJamlos, Chandar Shekar Bellan, SharmilaChandran and Manoj Sivaraj	PHYSICS	45 Optical Materials	2016 - 2017
Factor influencing the women entrepreneurial growth in Tiruppur district	Dr.M.RevathiBala	Commerce	International Journal of Management and Social Science Research Review	2016 - 2017
Financial performance analysis of IDBI using CAMEL model	Ms.B.DivyaPriya	Commerce	International Journal of Business Management and Research	2016 - 2017
A study on the impact of micro credit in promoting rural women with reference to GudalurPanchayat, Coimbatore	Ms.S.Rajam	Commerce	EPRA International	2016 -



			onal Journal of Econom ics and Business Review	2017
Policy Holders Satisfaction Towards LIC Of India –A study with special reference to Coimbatore city	MS.B.DIVYA PRIYA	Comme rce	Internati onal Journal of Entrepre neurship And business environ ment perspect ive	2016 - 2017
Chemical composition analysis of essential oil of Isodon wightii (Bentham) H. Hara.	Gogulramnath, M. and Thirugnanasampandan, R.	Biotech nology	Journal of Essentia l Oil Bearing Plants	2016 - 2017
Antigenotoxic and apoptotic activities of essential oil of Atalantia monophylla Correa.	Thirugnanasampandan, R., Gunasekar Ramya and Madusudhanan Gogulramnath.	Biotech nology	Indian Journal of Pharmac ology	2016 - 2017
Patient perception satisfaction towards the eye foundation, Coimbatore.	MS.B. DIVYA PRIYA	Comme rce	Internati onal journal	2016 - 2017

			of Business and administration research review	
Enhancing Salinity Tolerance in Brinjal Plants by Application of Salicylic acid,	V. Rajeshwari, V. Bhuvaneshwari, 2017.	Biotechnology	Journal of Plant Sciences	2016 - 2017
Antioxidant and anticancer potential of methanolic leaf extract of <i>Moringa concanensis</i> Nimmo against human breast cancer cell line MCF-7	S. Vijayakumar, V. Bhuvaneshwari, A.Sumathi.	Biotechnology	International Journal of Pharmacognosy and Phytochemical Research	2016 - 2017
Quantitative analysis of primary and secondary metabolites in aqueous hot extract of <i>Eugenia unilora</i> (L.) Leaves	Geedhu Daniel, Krishnakumari Shanmugasundaram	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2015 - 2016
Efficiency of different solvents on phytochemistry profile of water melon ( <i>Citrullus vulgaris schrad.</i> ) Seed extracts	M. Angeline Christie Hannah, S Krishnakumari	Biochemistry	International	2015 -

			Journal of Pharmaceutical Sciences and Research	2016
Qualitative Phytochemistry Profile Of Watermelon ( <i>Citrullus Vulgaris Schrad</i> ) Rind Extracts With Different Solvents	Angeline Hannah, Krishnakumari Shanmugasundaram	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2015 - 2016
<u>Quantitative analysis of selected primary metabolites in aqueous hot extract of Eugenia uniflora (L.) leaves</u>	Geedhu Daniel, S Krishnakumari	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2015 - 2016
<u>Phytochemical profiling of Myristica fragrans seed extract with different organic solvents</u>	Rancy Ann Thomas, Krishnakumari Shanmugasundaram	Biochemistry	Asian Journal of Pharmaceutical and Clinical	2015 - 2016

			Research	
Effect of five different culture media on mycelial growth of <i>Agrocybe aegerita</i>	Nagalakshmi Muthu, Krishnakumari Shanmugasundaram	Biochemistry	International Journal of Pharmaceutical Sciences and Research	2015 - 2016
Confertin and scopoletin from leaf and root extracts of <i>Hypochaeris radicata</i> have anti-inflammatory and antioxidant activities	Jamuna S, Karthika K, Paulsamy S, Thenmozhi K, Kathiravan S, Venkatesh R	Biochemistry	Industrial Crops and Products	2015 - 2016
Secondary metabolite credentials and <i>in vitro</i> free radical scavenging activity of <i>Alpinia calcarata</i>	Ramya, R., Kalaiselvi, M., Narmadha, R., Gomathi, D., Bhuvaneshwari, V., Amsaveni, R. and Devaki, K	Biochemistry	Journal of Acute Medicine	2015 - 2016
Novel CuCr <sub>2</sub> O <sub>4</sub> embedded CuO nanocomposites for efficient photodegradation of organic dyes	K. Mageshwari, R.Sathyamoorthy, Jeong Yong Lee, Jinsub Park	Physics	Applied Surface Science	2015 - 2016
Improved photocatalytic activity of ZnO coupled CuO nanocomposites synthesized by reflux condensation method	K. Mageshwari, D. Nataraj, Tarasankar Pal, R. Sathyamoorthy and Jinsub Park	Physics	Journal of Alloys and Compounds	2015 - 2016
Photocatalytic activity of hierarchical CuO microspheres synthesized by facile reflux condensation method	K. Mageshwari, R. Sathyamoorthy and Jinsub Park	Physics	Powder Technology	2015 - 2016
Facile synthesis of PbS nanorods induced by concentration difference	R. Sathyamoorthy and L. Kungumadevi	Physics	Advance	2015

			d Powder Technol ogy	- 2016
A study on the origin of room temperature ferromagnetism in Ni <sub>1-x</sub> GdxO nanoparticles	B. Gokul , P. Saravanan , V.T.P. Vinod , Miroslav Černík and R. Sathyamoorthy	Physics	Journal of Magneti sm and Magneti c Material s	2015 - 2016
Synthesis of Ni/NiO nanocomposites by hydrothermal-assisted polyol process and their magnetic properties as a function of annealing temperature	B. Gokul , P. Saravanan, V.T.P. Vinod , Miroslav Černík and R. Sathyamoorthy	Physics	Powder Technol ogy	2015 - 2016
ZnS nanoparticle synthesis in 1-butyl-3-methylimidazolium tetrafluoroborate by simple heating	T. Abdul Kareem and A. Anu Kaliani	Physics	Arabian Journal of Chemist ry	2015 - 2016
Fabrication and Characterization of ZnSCubic : P3HT, ZnSHexa : P3HT and ZnSHexa : P3HT:PVA-Ag Bulk Heterojunction Solar Cells	T. Abdul Kareem and A. Anu Kaliani	Physics	JOURN AL OF NANO- AND ELECT RONIC PHYSIC S	2015 - 2016
Characterization of composite PVA–Al <sub>2</sub> O <sub>3</sub> thin films prepared by dip coating method	Sathish Sugumaran · Chandar Shekar Bellan · Manivannan Nadimuthu	Physics	Iranian Polymer Journal	2015 - 2016
Phase Change on TiO <sub>2</sub> Nanoparticles by Annealing	Sugapriya S, Lakshmi S, Senthil Kumaran C. K, Manivannan N and Chandar Shekar	Physics	An Internati	2015 -

	B		onal Researc h Journal of Nano Science & Technol ogy	2016
New transparent PVA-InTiO hybrid thin films: influence of InTiO on the structure, morphology, optical, and dielectric properties	Sathish Sugumaran, Chandar Shekar Bellan, Dinesh Muthu, Sengodan Raja, Dinesh Bheeman and Ranjithkumar Rajamani	Physics	Polymer s advance d Technol ogies	2015 - 2016
On Quasi $g\zeta^*$ -open functions in topological spaces	Kokilavani. V, and Myvizhi	Mathem atics	Internati onal Journal of Pure and Applied Mathem atics	2015 - 2016
On Star Coloring of Some Graphs	V. Kowsalya, J. Vernold Vivin and M.Venkatachalam	Mathem atics	ARS Combin atoria	2015 - 2016
An Efficient Specific Update Search Domain based Glowworm Swarm Optimization for Test Case Prioritization	R.Beena	Comput er Science	The Internati onal Arab Journal of Informat	2015 - 2016

			ion Technol ogy	
A Measurement of Similarity to identify Identical Code Clones using Hierarchical Clustering	Dr.S.Mythili, Dt.S.Sarala	Comput er Science	Internati onal Arab Journal of Informat ion Technol ogy	2015 - 2016
A Taxonomy of Network Intrusion Detection System for Wireless Communication.	R. Karthikand Dr. B.L. Shivakumar	Comput er Science	Internati onal Journal of Comput er Sciences and Enginee ring	2015 - 2016
Novel hybrid PVA–InZnO transparent thin films and sandwich capacitor structure by dip coating method: preparation and characterizations	Sathish Sugumaran, Chandar Shekar Bellan, Dinesh Muthu, Sengodan Raja, Dinesh Bheemane and Ranjithkumar Rajamani	Physics	RSC Advance s	2015 - 2016
Wide Band Gap Transparent Polymer-Inorganic Composite Thin Films by Dip-Coating Method: Preparation and Characterizations	S. Sathisha, B. Chandar Shekarb, S. Chandru Kannanb, R. Sengodanc, K. P. B. Dineshd & R. Ranjithkumar	Physics	Internati onal Journal of Polymer Analysis and	2015 - 2016

			Characte rization	
Risk assessment of radioactivity in soils of forest and grassland ecosystems of the Western Ghats, India	P.K. Manigandan and B. Chandar Shekar	Physics	Radiopr otection	2015 - 2016
Effect on the growth performance of broiler chickens by selenium nanoparticles supplementation	Senthil Kumaran C K, Sugapriya S, Manivannan N and Chandar Shekar	Physics	An Internati onal Researc h Journal of Nano Science & Technol ogy	2015 - 2016
Influence of Dietary Selenium Nanowires on Growth Performance of Broiler Chicken	Senthil Kumaran C K, Sugapriya S, Dhayalan Velauthapillai R. Ranjithkumar and Chandarshekar Bellan	Physics	Internati onal Journal of Biosciences and Nanosci ences	2015 - 2016
Silver Nanoparticles against dengue vector, <i>Aedes Aegypti</i> (Culicidae: Diptera)	Rajmohan. D, Saranya. D, Logankumar. K, Ranjithkumar. R and B. Chandrashekar	Physics	Internati onal Journal of Biosciences and Nanosci ences	2015 - 2016
Traditional use of <i>Andrographis paniculata</i> : Review and Perspectives	P. Sagadevan1, S.N. Suresh, R.	Physics	Internati	2015



	Ranjithkumar, S. Rathishkumar, S. Sathish and B. Chandarshekar		onal Journal of Biosciences and Nanosciences	- 2016
Transparent with wide band gap InZnO nano thin film: Preparation and characterizations	Sathish Sugumaran , Mohd Noor Bin Ahmad , Mohd Faizal Jamlos , Chandar Shekar Bellan, Sagadevan Pattiyappan , Ranjithkumar Rajamani , Rathish Kumar Sivaraman	Physics	Optical Materials	2015 - 2016
ZnS nanoparticle synthesis in 1-butyl-3 methylimidazolium tetrafluoroborate by simple heating	T. Abdul Kareem and A. Anu Kaliani	Physics	Arabian Journal of Chemistry	2015 - 2016
Effect of nitrogen doped titanium dioxide (N-TiO <sub>2</sub> ) thin films by jet nebulizer spray technique suitable for photoconductive study	C. Ravidhas • B. Anitha • A. Moses Ezhil Raj • K. Ravichandran • T. C. Sabari Girisun • K. Mahalakshmi • K. Saravanakumar • C. Sanjeeviraja	Physics	Journal of Materials Science Materials in Electronics	2015 - 2016
Novel hybrid PVA-InZnO transparent thin films and sandwich capacitor structure by dip coating method: Preparation and characterizations	S. Sathish, B. Chandar Shekar, D. Dinesh, R Sengodan, K.P.B Dinesh, R. Ranjithkumar	PHYSICS	RSC Advances	2015 - 2016
Wide Band Gap Transparent Polyer-Inorganic Composite Thin Films by Dip Coating Method: Preparation and Characterizations	S. Sathish, B. Chandar Shekar, S. Chandru Kannan, R. Sengodan, K. P. B. Dinesh & R. Ranjithkumar	PHYSICS	International Journal of	2015 - 2016

			Polymer Analysis and Characterization	
Preparation and characterization of nanocomposite PVA-Al <sub>2</sub> O <sub>3</sub> thin films by dip coating method	S. Sathish, B. Chandar Shekar and N. Manivannan	PHYSICS	Iranian Polymer Journal	2015 - 2016
New Transparent PVA-InTiO hybrid thin films: Influence of InTiO on the structure, morphology, optical and dielectric properties	S. Sathish, B. Chandar Shekar, R Sengodan, K.P.B Dinesh and R. Ranjithkumar	PHYSICS	Polymers for Advanced Technologies	2015 - 2016
Transparent with wide band gap InZnO nano thin film: Preparation and characterizations	Sathish Sugumaran, Mohd Noor Bin Ahmad, Mohd Faizal Jamlos, Chandar Shekar Bellan, Sagadevan Pattiyappan Ranjithkumar Rajamani and Rathish Kumar Sivaraman	PHYSICS	Optical Materials	2015 - 2016
Leaves of woody plants as bio-indicators of radionuclides in forest ecosystems	P. K. Manigandan and B.Chandar Shekar	PHYSICS	Journal of Radioanalytical and Nuclear Chemistry	2015 - 2016
Chemical composition analysis, antioxidant and antibacteria activity evaluation of essential oil of <i>Atalantia monophylla</i> Correa.	Thirugnanasampandan, R., Ramya, G. and Gogulramnath, M.	Biotechnology	Pharmacognosy Research	2015 - 2016
Antioxidant and cytotoxic activities of essential oil of <i>Ocimum canum</i> Sims. from India.	Tamil Selvi, M., Thirugnanasampandan, R and Sundarammal, S.	Biotechnology	Journal of Saudi	2015 -

			Chemical Society	2016
Evaluation of cytotoxic, DNA protecting and LPS induced MMP-9 down regulation activities of <i>Plectranthus amboinicus</i> (Lour) Spreng. essential oil	Thirugnanasampandan, R., Ramya, G., Gogulramnath, M., Jayakumar, R., Kanthimathi, M.S. 2015.	Biotechnology	Pharmacognosy Journal	2015 - 2016
Evaluation of clinical and cytogenetic parameters in rheumatoid arthritis patients for effective diagnosis	R. Chandirasekar, B. Lakshman Kumar, R. Jayakumar, V. Uthayakumar, Raichel Jacob, K. Sasikala	Biotechnology	Clinical Chimica Acta	2015 - 2016
Secondary metabolite credentials and <i>in vitro</i> free radical scavenging activity of <i>Alpinia calcarata</i> . Medicine	Ramya, R., M. Kalaiselvi, R. Narmadha, D. Gomathi, V. Bhuvaneshwari, R. Amsaveni and K. Devaki	Biotechnology	Journal of Acute Medicine	2015 - 2016
Virulence determinants, drug and metal resistance of clinical and environmental <i>Aeromonas</i> species	U. Indra, M. Sureshkumar, B. Laksman Kumar and G. Vivekanandhan	Biotechnology	International Journal of Advanced Research	2015 - 2016
Chemical composition analysis, antioxidant and antibacterial activity evaluation of essential oil of <i>Atalantia monophylla</i> C	Thirugnanasampandan, R., Ramya, G. and Gogulramnath, M.	Biotechnology	Pharmacognosy Research	2015 - 2016
Bioelicitors Induce Association of Defence Enzymes with Cell Walls of <i>Lycopersicon esculentum</i>	Bhuvaneshwari. V, Goel N and Paul PK	Biotechnology	Journal of Phytopathology	2015 - 2016
Microbial machinery based synthesis of nanoparticulate hydroxyapatite using <i>Serratia marcescens</i> and its characterization for human bone implant	Subashkumar, R., Midhusha Johny, N.Gayathri, N. Srinath	Biotechnology	African Journal of Biotechnology	2015 - 2016

Protein-protein and DNA-protein interactions mediate induction of defense genes by fruit extract of <i>Azadirachta indica</i> A. Juss. in <i>Solanum lycopersicum</i> L.	Bhuvaneshwari. V, Goel N and Paul PK	Biotechnology	Plant Cell Reports	2015 - 2016
Molecular docking of compounds elucidated from <i>Ixora coccinea</i> Linn. flowers with insulin receptors.	Kalaiselvi M, Amsaveni R, Bhuvaneshwari V,	Biotechnology	Der Pharmacia Lettre	2015 - 2016
In Vitro Propagation and Antibacterial Activity of <i>Ocimum basilicum</i> Linn.	Minu Venugopal, P. Iyappan and R. Subashkumar	Biotechnology	International Journal of Research in Science,	2015 - 2016
Horizontal gene transformation - a major cause of antibiotic resistance.	Kalaiselvi, M., Amsaveni, R., Bhuvaneshwari, V., Sureshkumar, M., Senthilkumar, R.P	Biotechnology	International Journal of Biosciences and Nanosciences	2015 - 2016
Inhibition of inducible nitric oxide synthase gene expression (iNOS) and cytotoxic activity of <i>Salvia sclarea</i> L. essential oil	Durgha, H. R.Thirugnanasampandan, G. Ramya, M. Gogul Ramanth	Biotechnology	Journal of King Saud University- Science	2015 - 2016
Induced resistance by neem extracts in plants.	Bhuvaneshwari, V., Amsaveni, R., Kalaiselvi, M., Rajeshwari, V. Paul, P.K	Biotechnology	International Journal of Biosciences and	2015 - 2016

			Nanosciences	
Modulatory effect of <i>Ananus comosus</i> (L.) peel on DMBA induced mammary cancer in rat model	Kalaiselvi, M., Gomathi, D., Ragavendran, P., Bhuvaneshwari, V., Amsaveni, R., Devaki, K. and Uma, C,	Biotechnology	International Journal of Biosciences and Nanosciences	2015 - 2016
Evaluation of phytochemical constituents of <i>Hemigraphis alternata</i> (Burm. F.) T. Anderson leaf extract.	Rangheetha R, Suganya M, Sridharan K, Sureshkumar M, Vivekanandhan G, Kalaiselvi M, Bhuvaneshwari V and Amsaveni R	Biotechnology	Der Pharmacia Lettre	2015 - 2016
<i>In vitro</i> thrombolytic activity of <i>Hemigraphis alternata</i> (Burm.f.) T. Anderson leaf extract.	Suganya M, Rangheetha R, Sridharan K, Sureshkumar M, Vivekanandhan G, Kalaiselvi M, Bhuvaneshwari V and Amsaveni R	Biotechnology	Der Pharmacia Lettre	2015 - 2016
Existence of solutions for nonlocal fractional impulsive mixed type functional integro-differential equations	R. Murugesu, R. Poongodi	Mathematics	International Journal of Engineering Science and Innovative Technology	2015 - 2016
<i>In vitro</i> assessment of free radical scavenging activity of <i>Jasminum grandiflorum</i> (L.) Flower. Asian	Praveen Chandran R, Kalaiselvi M, Bhuvaneshwari V, Amsaveni R, Ragavendran P	Biotechnology	Asian Journal of	2015 - 2016

			Pharmaceutical and Clinical Research	
Transparent with wide band gap In ZnO nano thin film: Preparation and characterizations	Sathish Sugumaran , Mohd Noor Bin Ahmad Mohd Faizal Jamlos , Chandar Shekar Bellan , Sagadevan Pattiyappan , Ranjithkumar Rajamani , Rathish Kumar Sivaraman	Biotechnology	Optical Materials	2015 - 2016
Screening of Multi-Drug and Metal Resistant <i>Aeromonas</i> Species from Diverse Sources	R. Amsaveni, M. Sureshkumar, Joseph Reshma Mary, U. Indra and G. Vivekanandhan	Biotechnology	American Journal of Infectious Diseases	2015 - 2016
A study on the awareness of Social advertisement among the Public in Coimbatore city	Ms.B.DivyaPriya	Commerce	International Journal of Applied Services Marketing Perspectives	2015 - 2016
Existence of Solutions for Fractional Partial Neutral Integro-Differential Equations of Sobolev Type In Banach Spaces	C. Ravichandran, S. Dhanalakshmi, R. Murugesu	Mathematics	Dynamics of Continuous, Discrete	2015 - 2016

			and Impulsive Systems Series A: Mathematical Analysis	
Fabrication of p-n Junction Diode Using SnO/SnO <sub>2</sub> Thin Films and Its Device Characteristics	R. Sathyamoorthy, K. M. Abhirami, B. Gokul, Sanjeev Gautam, Keun Hwa Chae, and K. Asokan	PHYSICS	<u>Electronic Materials Letters.</u>	2014 - 2015
Raman, photoluminescence analysis on Cu(InAl)Se <sub>2</sub> thin films and the fabrication of Cu(InAl)Se <sub>2</sub> based thin film solar cells	Balakrishnan Kavitha and Muthusamy Dhanam	PHYSICS	Journal of Materials Science	2014 - 2015
Preparation and characterization of nano scale PMMA thin films	S Sathish & B Chandar Shekar	Physics	Indian Journal of Pure & Applied Physics	2014 - 2015
Oxidative Stress Induced Biochemical Alterations Due to Novel InTiO Nanoparticles Exposure	Dinesh Bheeman, Sathish Sugumaran, Ramesh Mathan, Dhakshanamurthy Sivanesan, and Chandar Shekar Bellan	Physics	Nanoscience and Nanotechnology Letters	2014 - 2015
Preparation and Characterization of Mn <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> (PhAc) <sub>3</sub> (N <sub>2</sub> H <sub>4</sub> ) <sub>2</sub> : A New Precursor to Mn <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Nanoparticles	K. Kalpanadevi	Chemistry (PG)	Synthesis and Reactivity	2014 - 2015

			ty in Inorganic, Metal-Organic, and Nano-Metal Chemistry	
Characterisation of Nanostructured $\text{Co}_3\text{O}_4$ Synthesised by the Thermal Decomposition of an Inorganic Precursor	K. Kalpanadevi	Chemistry (PG)	Australian Journal of Chemistry	2014 - 2015
Synthesis and structural studies of nanocrystalline $\text{Cd}_{0.3}\text{Zn}_{0.7}\text{Fe}_2\text{O}_4$	K. Kalpanadevi	Chemistry (PG)	South African Journal of Chemistry	2014 - 2015
Structural, optical and DC conduction studies on vacuum evaporated Sr doped $\text{BaTiO}_3$ (BST) thin films prepared from Sr doped $\text{BaTiO}_3$ nano particles	R. SENGODAN, B. CHANDAR SHEKAR	Physics	Journal Of Optoelectronics And Advanced Materials	2014 - 2015
Measurement of radioactivity in elevated Radiation background area of western ghats	P. K. MANIGANDAN and B. CHANDAR SHEKAR	Physics	<u>Nuclear Technol</u>	2014 -



			<u>ogy and Radiatio n Protecti on</u>	2015
Preparation and Characterizations of New Hybrid PVA-InAlO Thin Films by Dip Coating Method	Sathish Sugumaran , Chandar Shekar Bellan a & Manivannan Nadimuthu	Physics	Internati onal Journal of Polymer Analysis and Characte rization	2014 - 2015
Evaluation of radionuclides in the terrestrial environment of Western Ghats	P.K. Manigandan and B. Chandar Shekar	Physics	Journal of Radiatio n Researc h and Applied Sciences	2014 - 2015
Indium Titanium Oxide Nanoparticles Induced Hepatotoxicity: Role of Aegles Marmelos as a Hepatoprotectant	Dinesh Bheeman, Jijimol Krishna, Sathish Sugumaran, Ramesh Mathan, Sivanesan Dakshanamurthy, Ranjith Kumar Rajamani, and Chandar Shekar Bellan	Physics	Journal of Bionano science	2014 - 2015
Synthesis, Characterization and Remedial Aspect of BaTiO <sub>3</sub> Nanoparticles Against Bacteria	Sengodan Raja, Dinesh Bheeman, Ranjithkumar Rajamani, Sagadevan Pattiyappan, Sathish Sugumaran, and Chandar Shekar Bellan	Physics	Nanome dicine and Nanobio logy	2014 - 2015
Uptake of some radionuclides by woody plants growing in the rainforest of Western Ghats in India	P.K. Manigandan, B. Chandar Shekar	Physics	Journal of	2014 -

			Environmental Radioactivity	2015
Synthesis and characterization of indium aluminate (InAlO <sub>3</sub> ) nanoparticles by wet chemical method	S. Sathish, B. Chandar Shekar, D. Nataraj	Physics	Advanced Powder Technology	2014 - 2015
Partial purification and Insilico analysis of Bst1 from <i>Bacillus stearothermophilus</i>	Dinesh Bheemana, Ranjithkumar Rajamanib, Buvaneswaric, Sathish Sugumarand, Ramesh Mathane, and Chandar Shekar Bellan	Physics	Journal of Bionano science	2014 - 2015
Indium Titanium Oxide Nanoparticles Induced Hepatic Damage: Hepatoprotective Role of Novel 2-Imino-4-methyl-1, 2-Dihydropyrimido [5, 4C] Quinoline-5(6H)-one	Dinesh Bheeman, Sinjula Cheerotsahajan, Sathish Sugumaran, Sankaran Mathan, Ramesh Mathan, Sivanesan Dakshanamurthy, Ranjithkumar Rajamani, and Chandar Shekar Bellan	Physics	Advances in Toxicology	2014 - 2015
Structure, surface morphology and optical properties of BaTiO <sub>3</sub> powders prepared by wet chemical method	R Sengodan B Chandar Shekar & S Sathish	Physics	Indian Journal of Pure & Applied Physics	2014 - 2015
Structural and Electrical properties of LaAlO <sub>3</sub> Nanoparticles	B.Ranjithkumar, S.Sathish, D. Nadaraj, M. Shankar, K.P.B. Dineshd, R.Ranjithkumare, R.Sengodan, M.Ramesh and B.Chandar Shekar	Physics	International Journal of Biosciences and Nanosciences	2014 - 2015
Dielectric, Thermally Stimulated Discharge Current, Pyroelectric and Surface Morphology of Pmma	B. Shekar , Moonkyong Na , Jiyeon Lee &	Physics	Molecul	2014

Thin Films Prepared by Isothermal Immersion	Shi-Woo Rhee		ar Crystals and Liquid Crystals	- 2015
	P.Basker and V.Kokilavani	Mathematics	International Journal Of Pure And Applied Mathematics	2014 - 2015
On $M_X \alpha \delta(\tilde{H})$ in M-Structures				
Preliminary observation on dominance of crustacean larvae in the diet of little tunny <i>Euthynnu saffinis</i> (Cantor,1849) caught off Chennai and Cuddalore coast.	Dr. S. Raja	Zoology	Indian Journal of Fisheries	2014 - 2015
Changes in Cholesterol content of the fresh water fish, <i>Labeo rohita</i> due to the effect of an insecticide 'Encounter' (Herbal plant extract).	Dr. S. Binukumari	Zoology	International Journal of Pharmaceutical Sciences and Research	2014 - 2015
Characterization of Ni nanoparticles synthesized by the thermal decomposition of Ni(2,4 di-Cl PhAc) <sub>3</sub> (N <sub>2</sub> H <sub>4</sub> ) <sub>1.5</sub> H <sub>2</sub> O	K. Kalpanadevi	Chemistry	Asian journal of chemistry	2014 - 2015

Synthesis, characterization, single crystal XRD, in vitro antimicrobial and cytotoxicity study of tris(ethylenediamine)cobalt(III)chloride oxalate trihydrate	S. Jone Kirubavathy	Chemistry	Arabian Journal of Chemistry	2014 - 2015
Regression Test Case Minimization Using Cyclomatic Complexity	R.Beena	Computer Science	International Journal of Applied Engineering Research	2014 - 2015
Multi Objective Test Case Minimization Collaborated with Clustering and Minimal Hitting set	R.Beena	Computer Science	Journal of Theoretical and Applied Information Technology	2014 - 2015
<u>Time heuristics ranking approach for recommended queries using search engine query logs</u>	R.Umagandhi, A.V.Senthilkumar	Computer Science	Kuwait Journal of Science	2014 - 2015
Uptake of some radionuclides by woody plants growing in the rain forest of Western Ghats in India.	P. K. Manigand -an & B. Chandar Shekar	PHYSICS	Journal of Environmental Radioactivity	2014 - 2015

Preparation and characterizations of new hybrid PVA-InAlO thin films by dip coating method.	S. Sathish, B. Chandar Shekar and Manivannan. N	PHYSICS	International Journal of Polymer Analysis and Characterization	2014 - 2015
RAPD and ERIC – PCR typing of virulent <i>Aeromonas hydrophila</i> isolated from children with acute diarrhea	Subashkumar, R. Tha. Thayumanavan and P. Lakshmanaperumalsamy	Biotechnology	Journal of Cell and Molecular Biology	2014 - 2015
Partial purification and <i>Insilico</i> analysis of Bst1 from <i>Bacillus stearothermophilus</i>	Dinesh Bheeman, Ranjithkumar Rajamani, Bhuvaneswari, Sathish Sugumaran, Ramesh Mathan and Chandar Shekar Bellan	Biotechnology	International Journal of Biosciences and Nanosciences	2014 - 2015
Effect of <i>Evolvulus alsinoides</i> extract on membrane bound enzyme activity in the tissues of streptozotocin induced diabetic rats	Gomathi, D., Ravikumar, G., Kalaiselvi, M., Devaki, K. and Uma, C	Biotechnology	Asian Journal of Pharmaceutical Research and Health Care	2014 - 2015
Synthesis, characterization, single crystal XRD, in vitro antimicrobial and cytotoxicity study of	R. Velmurugan	Chemist	Arabian	2014

tris(ethylenediamine)cobalt(III)chloride oxalate trihydrate		ry	Journal of Chemistry	- 2015
In vitro antioxidant and cytotoxic activities of essential oil of <i>Feronia elephantum</i> Correa.	Thirugnanasampandan, R and Delma David	Biotechnology	Asian Pacific Journal of Tropical Biomedicine	2014 - 2015
Antioxidant activity evaluation of essential oil and RAPD analysis of in vitro regenerated <i>Blumea mollis</i> (D. Don) Merr.	Tamilarasi, T. and Thirugnanasampandan, R.	Biotechnology	Acta Physiologica Plantarum	2014 - 2015
RAPD and ERIC-PCR typing of virulent <i>Aeromonas hydrophila</i> isolated from children with acute diarrhea	Subashkumar, R. Tha. Thayumanavan, P. Lakshmanaperumalsamy	Biotechnology	Journal of Cell and Molecular Biology	2014 - 2015
Antioxidant activity and functional group analysis of <i>Evolvulus alsinoides</i>	Gomathi, D., Ravikumar, G., Kalaiselvi, M., Devaki, K. and Uma, C	Biotechnology	Chinese Journal of Natural Medicine	2014 - 2015
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