



Maharaja's College, Ernakulam
(A Government Autonomous College)
Kochi - 682 011, Kerala

Affiliated to Mahatma Gandhi University
Centre of Excellence under Govt. of Kerala
Identified by UGC as College with Potential for Excellence

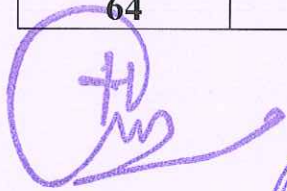
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Declaration

3.4.5

It is hereby certified that the following table shows the number of research papers published by teachers of the college in the journals notified on UGC website during the last five years (from 2014-15 to 2018-19)

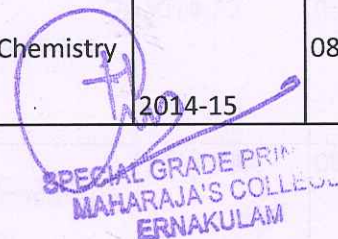
2018-19	2017-18	2016-17	2015-16	2014-15
64	20	25	21	22


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3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Chemical synthesis, structural characterization and electrical studies of nanocerria for CMOS applications,	KP Priyanka, KK Babitha, A Sreedevi, X Sheena, E M Mohammed,	Physics	Journal of Electro ceramics	2014-15	1385-3449
Non-linear viscoelastic behaviour of rubber-rubber blend composites and nanocomposites: Effect of spherical, layered and tubular fillers	Nair, A.B., George, N., Joseph, R.	Chemistry	Advances in Polymer Science	2014-15	0065-3195
Structural and Magnetic 1 properties of Chromium doped Zinc Ferrite	Rintu Mary Sebastian, Smitha Thankachan, Sheena Xavier, Shaji Joseph and E M Mohammed	Physics	AIP Conference Proceedings	2014-15	0094-243X
Antifibrotic activity of Phyllanthus maderaspatensis	K.A. Krishnakumar, K.H. Muneeb Hamza and V.V. Asha	Botany	Annals of Phytomedicine AN International Journal	2014-15	2278-9839
Fabrication of partially exfoliated and disordered intercalated Epoxy/Cloisite nanocomposites via in situ polymerization: Mechanical, Dynamic mechanical, Thermal and Barrier properties	Bindu Sharmila T.K., Ayswarya E.P, Beena T Abraham, P.M.Sabura Begum, Eby Thomas Thachil	Chemistry	Applied Clay science	2014-15	0169-1317
Indian shrimp export and US anti-dumping duty:Issues and challenges	Ancy VP &KV RAJU	economics	Asian Review of Social Science	2014-15	22496319
In Situ Synthesis of CdS Quantum Dot-Partially Sulfonated Polystyrene Composite: Characterization and Optical Properties.	Jolly Vakayil Antony.; Philip Kurian.; Nampoori V. P. N.; George, K.E	Chemistry	Industrial & Engineering Chemistry Research	2014-15	0888-5885



Recent developments in the chemical recycling of postconsumer poly(ethylene terephthalate) Waste	George, N., Kurian, T.	Chemistry	Industrial and Engineering Chemistry Research	2014-15	0888-5885
Nanocauliflower like structure of CdS thin film for solar cell photovoltaic applications: In situ tin doping by chemical bath deposition technique,	KC Wilson, E Manikandan, MB Ahamed, BW Mwakikunga,	Physics	Journal of Alloys and Compounds	2014-15	0925-8388
Nonparametric Estimation of the Interval Reliability	Angel Mathew, N. Balakrishna	Statistics	Journal of Statistical Theory and Application	2014-15	1538-7887
On a report of red bellied pacu <i>Piaractus brachypomus</i> (Cuvier 1818) Characiformes : Characidae) from Muvattupuzha river, Kerala, India	K.V. Zeena and K.S.. Jameela Beevi	Zoology	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	2014-15	ISSN:0006-6982
On a collection of fish from Manjaly –An Estuarine area of the river periyar in Ernakulam District, Kerala, India	M.H. Shyla nd K.S. Jameela Beevi	Zoology	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	2014-15	ISSN:0006-6983
<i>Apogon hyalasoma</i> Blecker (Pisces: Percoidei: Apogonidae) – a new report to Kerala India	M.H. Shyla nd K.S. Jameela Beevi	Zoology	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	2014-15	ISSN:0006-6984
Photoresponsive Glycopolymer Aggregates as Control Release Systems	Sajith Menon, Rahul M. Ongungal and Suresh Das	Chemistry	Macromolecular Chemistry and Physics	2014-15	1022-1352
Biological resemblance of cadmium sulphide seaweeds coral honeycomb nanostructures by a chemical bath deposition technique	KC Wilson, E Manikandan, MB Ahamed	Physics	Materials Letters	2014-15	0167-577X
Queues With Interruptions and repeat or resumption of service	A Krishnamoorthy, P K Pramod S R chakravarthy	Mathematics	Nonlinear Analysis	2014-15	ISSN: 0362-546X



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Microwave exfoliated reduced graphene oxide/epoxy nanocomposites for high performance applications	Bindu Sharmila T.K., Ajalesh B Nair, Beena T Abraham, P.M.Sabura Begum, Eby Thomas Thachil	Chemistry	Polymer	2014-15	0032-3861
Structural and antibacterial properties of silver substituted cobalt ferrite nanoparticles	Xavier, S., Cleetus, H., Nimila, P.J., Smitha Thankachan, Sebastian, R.M., Mohammed, E.M	Physics	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2014-15	0975-8585
Effect of zinc ferrite nanoparticles on the growth of <i>Chlorella pyrenoidosa</i>	Sebastian, M.R., Vijayalakshmy, K.C., Lakshmi, S., Sarammab, A.V., Mohammed, E.M.	Physics	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2014-15	0975-8585
An Experimental and Theoretical Study of the Kinetics and Mechanism of Hydroxyl Radical Reaction with 2-Aminopyrimidine	Prasanthkumar, K. P., Alvarez-Idaboy, J. R	Chemistry	RSC Advances	2014-15	2046-2069
Characteristics of Bioenergy grasses important for enhanced NaCl tolerance potential	P.P. Mirshad, S. Chandran and J. T Puthur	Botany	Russian Journal of Plant Physiology	2014-15	1608-3407
System availability behavior of some stationary dependent sequences	Angel Mathew	Statistics	Statistics and Probability Letters	2014-15	0167-7152
Dielectric properties and conductivity of (ZnO/CdO) mixed oxide nanocomposite,	PP Sharmila, RM Sebastain, S Sagar, E M Mohammed, NJ Tharayil,	Physics	Ferroelectrics	2015-16	0015-0193



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Nano phase α -silver tungstate for potential applications in light emitting diodes and gate dielectrics	A. Sreedevi, K. P. Priyanka, Rintu Mary Sebastian, E. M. Mohammed and Thomas Vargese	Physics	Advanced Science, Engineering and Medicine	2015-16	2164-6627
Effect of sintering temperature on the structural and electrical properties of cobalt ferrite nanoparticles	Xavier S., Jiji M.K., Thankachan S., Mohammed E.M.	Physics	AIP Conference Proceedings	2015-16	0094-243X (print) 1551-7616 (web)
Queue With Interruption in Random/ Markovian Environment	A Krishnamoorthy, Jaya S, B Lakshmi	Mathematics	Annals Of Operations Research	2015-16	ISSN: 0254-5330 (Print) 1572-9338 (Online)
A new fluorescent based screening system for high throughput screening of drugs targeting HBV core and HBs Ag interaction	V. Suresh, K.A. Krishnakumar, A.A. Asha	Botany	Biomedicine and Pharmacotherapy	2015-16	0753-3322
Chemisorption of benzene on Pt (1 1 1) surface: A DFT study with vander Waals interaction	P.K. Ayishabi, K.G.Lakshmikanth, Raghu Chatanathodi*		Chemical physics letters	2015-16	0009-2614
On an M/G/1 queue with vacation in random environment	Krishnamoorthy A., Sivadasan J., Lakshmy B.	Mathematics	Communications in Computer and Information Science	2015-16	1865-0929
High performance natural rubber composites with conductive segregated network of multiwalled carbon nanotubes	Neena George, Julie Chandra, A. Mathiazhagan, and Rani Joseph	Chemistry	Composites Science and Technology	2015-16	0266-3538



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Synthesis and third-order nonlinear optical properties of low band gap 3,4-ethylenedioxythiophene–quinoxaline copolymers	Sona Narayanan a, Sreejesh Poikavila Raghunathan, Sebastian Mathew, M.V. Mahesh Kumar, Anshad Abbas, Krishnapillai Sreekumar, Cheranellore Sudha Kantha, Rani Joseph	Chemistry	European Polymer Journal	2015-16	0014-3057
Dielectric Behavior and AC Conductivity of Mg ²⁺ Doped Zinc Ferrite Nanoparticles Synthesized by Sol-Gel Technique,	RM Sebastian, S Xavier, EM Mohammed,	Physics	Ferroelectrics	2015-16	0015-0193
Electrical and magnetic properties of nano-sized magnesium ferrite	Smitha, T., Sheena, X., Binu, P.J., Mohammed, E.M.	Physics	IOP Conference Series: Materials Science and Engineering	2015-16	1757-899X
Electrical and magnetic properties of nano-sized magnesium ferrite	Smitha, T., Sheena, X., Binu, P.J., Mohammed, E.M.	Physics	IOP Conference Series: Materials Science and Engineering	2015-16	1757-899X
Influence of Rare Earth (Tb ³⁺) on Electrical and Magnetic Studies of Nickel ferrite Nanoparticles	E M Mohammed, Rafeek Ali, Muhammed maheen,	Physics	Journal of Applied Physics	2015-16	2278-4861
Assessment of Trophic state of a reservoir using different algal indices	K. Shibu Krishnan and K.G. Ajithkumar	Botany	Journal of Indian Botanical Society	2015-16	0019-4468
Assessment of Sediment trace element Concentrations in a Reservoir using Geoaccumulation Index, enrichment factor and Contamination factor	K. Shibu Krishnan and K.G. Ajithkumar	Botany	Journal of Indian Botanical Society	2015-16	0019-4468



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Report of the exotic moonlight Gaurami <i>Trichopodus microlepis</i> Gunther(Perciformes:Percoidei: Osphronemidae: Luciocephalinae) from Chalakudy River, Kerala, India	M.H. Shyla nd K.S. Jameela Beevi	Zoology	JOURNAL OF THE BOMBAY NATURAL HISTORY SOCIETY	2015-16	ISSN:0006-6985
Vesicle-to-Rod Transition of a Triblock Copolymer Aggregates upon Irradiation	Sajith Menon, Rahul M. Ongungal and Suresh Das	Chemistry	Macromollecualr Chemistry and Physics	2015-16	1022-1352
The role of SEBS in tailoring the interface between the polymer matrix and exfoliated graphene nanoplatelets in hybrid composites	Jyotishkumar Parameswaranpillai, George Joseph, K.P. Shinu, P.R. Sreejesh, Seno Jose, Nisa V. Salim, Nishar Hameed	Chemistry	Materials Chemistry and Physics	2015-16	0254-0584
Third-order nonlinear optical properties of 3,4-ethylenedioxythiophene copolymers with chalcogenadiazole acceptors	Sona Narayanan, Sreejesh Poikavila Raghunathan, Aby Cheruvathoor Poullose, Sebastian Mathew, Krishnapillai Sreekumar, Cheranellore Sudha Karthae and Rani Joseph	Chemistry	New Journal of Chemistry	2015-16	1144-0546



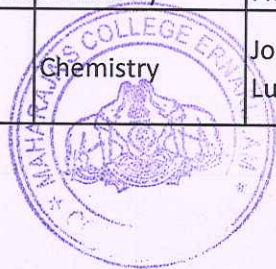
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Theoretical and experimental investigations on the photoconductivity and nonlinear optical properties of donor-acceptor p conjugated copolymer, poly(2,5-(3,4-ethylenedioxythiophene)-alt-2,7-(9,9-dioctylfluorene))	Sona Narayanan, Anshad Abbas, Sreejesh Poikavila Raghunathan, Krishnapillai Sreekumar, Cheranellore Sudha Kartha and Rani Joseph	Chemistry	RSC Advances	2015-16	2046-2069
Surface Effects on Photoluminescence and Optical Nonlinearity of CdS Quantum Dots Stabilized by Sulfonated Polystyrene in Water	Jolly Vakayil AntonyPradeep ChandranPhilip KurianNampoori Parameswaran Narayanan Vadakkedathu and George Elias Kochimoolayil	Chemistry	The Journal of Physical Chemistry C	2015-16	1932-7447
Mechanical, thermal and dielectric properties of hybrid composites of epoxy and reduced graphene oxide/iron oxide	Bindu Sharmila T.K., Jolly V Antony, Jayakrishnan M.P, P.M. Sabura Beegum, Eby Thomas Thachil	Chemistry	Materials and Design	2016-17	0264-1275
Surface modification of cadmium sulfide thin film honey comb nanostructures: Effect of in situ tin doping using chemical bath deposition	KC Wilson, MB Ahamed	Physics	Applied Surface Science	2016-17	0169-4332
Isolation and Characterization of Cellulose Nanofibrils From Arecanut Husk Fibre	Julie Chandra, Neena George, and Sunil K. Narayanankutty	Chemistry	Carbohydrate Polymers	2016-17	0144-8617



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Arbuscular Mycorrhizal Association enhances drought Tolerance potential of promising bioenergy grass (<i>Saccharum arundinaceum</i> retz)	P.P. Mirshad and Jos T Puthur	Botany	Environmental Monitoring and Assessment	2016-17	0167-6369 (Print) 1573-2959 (Online)
Structural and electrical studies of Gd ³⁺ substituted zinc ferrite nano particles	Rintu Mary Sebastian and E M Mohammed	Physics	Ferroelectrics	2016-17	0015-0193
Effect of Gd ³⁺ substitution on the structural and electrical properties of MgO. 75ZnO. 25Fe ₂ O ₄ nanoparticles,	RM Sebastian, E M Mohammed,	Physics	Indian Journal of Physics	2016-17	0973-1458
Contours & Internal migration in India certain experiences :from Kerala	Pradeepkumar B	economics	International Journal commerce and Management	2016-17	9752617
Impact of Goods and Services Tax on Logistics Sector in India	Anitha, M.N	Commerce	International journal of Economics and management Studies	2016-17	2393-9125
Yield Forecasting in Cardomom (<i>Elettaria cardomomum</i> Maton) Plantations	Priya P. Menon	Statistics	International Journal of Science and Advanced Technology	2016-17	2221-8386
Synthesis, Characterization, Thermal Decomposition And Antimicrobial Studies Of Iron (III) Complexes Of 2,3-(Diimino-4'-Antipyrinyl)Butane With Varying Counter Ions	BN Anila, PK Radhakrishnan, MK Muraleedharan Nair , Raisa Kabeer and VP Sylas	Chemistry	Journal of Chemical and Pharmaceutical Research	2016-17	0975-7384
A New Fluorescent Sensor Based on Bisindolizine Derivative	Anitha I & Sheela Gopal & Divya Thomas	Chemistry	Journal of Fluorescence	2016-17	ISSN: 1053-0509 (Print) 1573-4994 (Online)
Development of a 2-methoxyphenyl-4,5-dicarbomethoxy-cycl[3.2.2] azine fluorescen sensor for Co ²⁺	M. Sheela Gopal , I.Anitha, S.Jesny, Shalini Menon	Chemistry	Journal of Luminescence	2016-17	222313



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Self-Assembly and Mechanochromic Luminescence Switching of Trifluoromethyl Substituted 1,3,4-Oxadiazole Derivatives	Rahul M. Ongungal, Aneesh P. Sivas, N. S. Saleesh Kumar, Sajith Menon, and Suresh Das	Chemistry	Journal of Material Chemistry C	2016-17	2050-7526
First Report of teleomorphic stage of Normandina pulchella from India.	Y. Joshi; V.B. Sreekumar; S. Sequeira	Botany	KAVAKA	2016-17	0379-5179
Synthesis and anti-algal effect of zinc ferrite nanoparticles	Rintu Mary Sebastian, Vijayalakshmy K C, Lakshmi S, A V Saramma and E M Mohammed	Physics	Macromolecular Symposia	2016-17	1521-3900
Trace distance as a measure of decoherence at finite temperature environment	Navya S.L., Shaji N.	Physics	Optik	2016-17	978-1-943580-22-4
Study of optical limiting behavior in iron substituted zinc chromite	Rintu Mary Sebastian, Mathew S, P Radhakrishnan and E M Mohammed,	Physics	Optik	2016-17	0030-4026
Effect of iron substitution on structural, magnetic and nonlinear optical properties of zinc chromite nanoparticles	RM Sebastian, S Mathews, P Radhakrishnan, E M Mohammed,	Physics	Optik -	2016-17	0030-4026
Contrasting reactions of hydrated electron and formate radical with 2-thio analogues of cytosine and uracil	K. P. Prasanthkumar, J. R. Alvarez-Idaboy P. V. Kumar, B. G. Singh, K. I. Priyadarsini	Chemistry	Physical Chemistry Chemical Physics	2016-17	1463-9076



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A Novel J Slot Antenna for UWB WiMedia	Gopikrishna M., Krishna D.D., Gopakumar C., Aanandan C.K.	Physics	Procedia Computer Science	2016-17	1877-0509
Sodium carbonate catalyzed aminolytic degradation of PET	George, N., Kurian, T.	Chemistry	Progress in Rubber, Plastics and Recycling Technology	2016-17	1478-2413
Carbon nanotube reinforced flexible multifunctional regenerated cellulose films for nonlinear optical application	Sreejesh Poikavila Raghunathan, Sona Narayanan and Rani Joseph	Chemistry	RSC Advances	2016-17	2046-2069
Highly functionalized heterogeneous dendrigraft catalysts with peripheral copper moieties for the facile synthesis of 2-substituted benzimidazoles and 2,2-disubstituted benzimidazoles	G. Smitha and K. Sreekumar	Chemistry	RSC Advances	2016-17	2046-2069
Chiral dendrigraft polymer for asymmetric synthesis of isoquinuclidines	G. Smitha and K. Sreekumar	Chemistry	RSC Advances	2016-17	2046-2069
Reinterpreting Nair army mutiny of 1804-Role of the Military and it's subaltern in the early resistance to British imperialism in the kingdom of Travancore	Omal Aloysious	History	35th Session of south Indian history congress annual proceedings	2016-17	2229-3671
Cerium doped CaS nanophosphor synthesized by solid state reaction method	S. Rekha and E.I. Anila	Physics	AIP Conference Proceedings	2017-18	0094-243X
Weak measurements and non Classical correlations	Lekshmi S., Shaji N., Shaji A.	Physics	Annals of Physics	2017-18	0003-4916
Synthesis, Characterization, Molecular Modeling, Antimicrobial and DNA Binding Studies of Cobalt(II) Complexes of 2,3-(Diimino-4'-antipyrinyl)butane with Varying Counter Ions	B.N. ANILA, M.K. MURALEEDHARAN NAIR, JISHA SREEDHARAN and V.P. SYLAS	Chemistry	ASIAN JOURNAL OF CHEMISTRY	2017-18	0970-7077



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Flexible regenerated cellulose/polypyrrole composite films with enhanced dielectric properties	Sreejesh Poikavila Raghunathan, Sona Narayanan, Aby Cheruvathur Poulose, Rani Joseph	Chemistry	Carbohydrate Polymers	2017-18	0144-8617
Ab initio DFT studies of adsorption characteristics of benzene on close packed surfaces of transition metals	K.G. Lakshmikanth, P.K. Ayishabi and Raghu Chnadanathodi	Physics	computational Materials Science	2017-18	0927-0256
Rethinking Panel Culture: Resistance and Subversion in Drawing the Line: Indian Women Fight Back	Nair R.V.	English	Indian Journal of Gender Studies	2017-18	0971-5215
Esterification of free fatty acids in non- edible oils using partially sulfonated polystyrene for biodiesel feedstock	Remya Suresh, Jolly Vakayil Antony, Ragi Vengalil, George Elias Kochimoolayil, Rani Joseph	Chemistry	Industrial Crops and Products	2017-18	0926-6690
Effect of organic carbon composition on the growth and pigment composition of micro marine algae <i>Nanochloropsis salina</i>	Shyamkumar, S. and Samma A.V	Botany	International Journal of Applied Environmental Sciences	2017-18	0973-6077
CeO ₂ /CoPc Nanocomposite for Potential Applications in Electronics	K.K. BABITHA, K.P. PRIYANKA, H. HITHA, 1 S. RINTU MARY, E.M. MOHAMMED, S. SANKARARAMAN, and THOMAS VARGHESE	Physics	Journal of Electronic Materials	2017-18	0361-5235 / 1543-186X
Enhanced luminescence of triethanolamine capped calcium sulphide nanoparticles synthesized using wet chemical method.	S. Rekha, A.I. Martinez, T.A. Safeera, E.I. Anila	Physics	Journal of luminescence	2017-18	ISSN 0022-2313



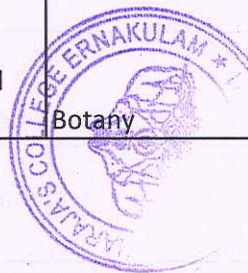
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A comparative study on the effects of n C,n SiC and BRH on the structural and superconducting properties of MgB2 PIT wires	Rahul S, Devadas K.M., Syju Thomas, Neson Varghese, Ajeesh P.Paulose, Manoj Raama Varma, Syamaprasad U	Physics	Materials Chemistry and Physics	2017-18	0254-0584
Tackling the agglomeration of Mg2Si dopant in MgB2 superconductor using cast Mg-Si alloy	Rahul S, Syju Thomas, Devadas K.M., Neson Varghese, Ajeesh P.Paulose Manoj Raama Varma, Syamaprasad U	Physics	Materials research Bulletin	2017-18	0025-5408
Some Special Features and Dimensions of Indian Sufism – An Observation	Scintila N J	Islamic History	Mirror	2017-18	ISSN 2249-8117
Photoluminescence and optical nonlinearity of CdS quantum dots synthesized in a functional copolymer hydrogel template	Antony J.V., Pillai J.J., Kurian P., Nampoori V.P.N., Kochimoolayil G.E.	Chemistry	New Journal of Chemistry	2017-18	1369-9261
Segregated network formation of multiwalled carbon nanotubes in natural rubber through surfactant assisted latex compounding: A novel technique for multifunctional properties	Neena George, Bipinbal P. K., Bhavya Bhadran, A. Mathiazhagan and Rani Joseph	Chemistry	Polymer	2017-18	323861
Heterogeneous dendronized polymer with peripheral copper moieties: From synthesis to catalysis and comparison with dendrigraft polymer	G. Smitha, P.S. Sinija, P.B. Sherlymol, K.A. Jisha, K.J. Anjaly, K. Sreekumar	Chemistry	Polymer	2017-18	323861
Viscoelastic behavior of Silica filled Natural rubber composites: Correlation between shear and elongational testing	Julie Chandra, Bipinbal P.K. and Sunil K. Narayanankutty	Chemistry	Polymer Testing	2017-18	1429418



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Drought Tolerance of Bioenergy Grass Saccharum spontaneum L enhanced by arbuscular Mycorrhizae	P.P. Mirshad and Jos T Puthur	Botany	Rhizophere	2017-18	24522198
Talking the agglomeration of Mg ₂ Si dopant in MgB ₂ superconductor using cast Mg-Si alloy	Rahul S, Syju Thomas, Devadas K.Mi., Neson Varghese, Ajeesh P.Paulose Manoj Raama Varma, Syamaprasad U	Physics	Materials research Bulletin	2017-18	0025-5408
A comparative study on the effects of n C,n SiC and BRH on the structural and superconducting properties of MgB ₂ PIT wires	Rahul S, Devadas K.M., Syju Thomas, Neson Varghese, Ajeesh P.Paulose, Manoj Raama Varma, Syamaprasad U	Physics	Materials Chemistry and Physics	2017-18	0254-0584
A compact rectangular monopole antenna design with a novel feed for an improved UWB performance	Gopikrishna, Madanan, Deepthi das K, Chandroth, K.A.	Physics	Radioengineering	2018-19	1210- 2512(Print) 1805- 9600 (online)
PEG capped CaS nanoparticles synthesized by wet chemical co-precipitation method	Rekha, S., Anila, E.I	Physics	AIP Conference Proceedings	2018-19	0094-243X
A Study on Investment alternatives preferred by the NRI Women working in Middle East	Gracious, J. and Berny B. Raj	commerce	AJANTA-An International multidisciplinary quaterly research paper	2018-19	22775730
Effect of plant growth regulators on growth and pigment composition of microalga Nannochloropsis salina D.J.Hibberd	Shyamkumar, S. and Saramma A.V	Botany	Applied Biological Research	2018-19	DOI:10.5958/09 74- 4517.2018.0003 1.9



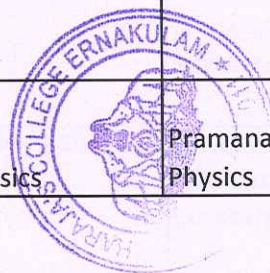
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Reinforcing effect of organoclay in nitrile rubber- Effect of mill mixing and latex stage mixing	Bhadran, Bhavya, Dhanya Vijayan, Neena George, CS Julie Chandra, PM Sabura Begum, and Rani Joseph	Chemistry	Applied Clay Science	2018-19	1691317
Synthesis, Characterization, Antimicrobial and DNA Binding Studies of Cobalt(II) Complexes of 4-[(2-Mercapto-phenylimino)methyl]-1,5- dimethyl-2-phenyl-1,2-dihydropyrazol-3-one	JISHA SREEDHARAN, B.N. ANILA and M.K. MURALEEDHARAN NAIR	Chemistry	Asian Journal of Chemistry	2018-19	0970-7077
Lanthanide(III) Complexes Incorporating Tridentate ONO-Donor Pyrazolone Ligand: Synthesis, Characterization, Fluorescence and Antimicrobial Studies	E.M. JINCY and M.K. MURALEEDHARAN NAIR	Chemistry	Asian Journal of Chemistry	2018-19	0970-7077
Optimum medium for mass culture of marine microalgae Nannochloropsis salina	Shyamkumar, S. and Saramma A.V	Botany	Asian Journal of Microbiology, Biotechnology and Environmental sciences	2018-19	0972-3005
Evaluation of chemical flocculation for harvesting of marine microalgae Nannochloropsis salina	Shyamkumar, S. and Saramma A.V	Botany	Ecology, Environment and Conservation	2018-19	0971-765X
Corporate Information Disclosure of Major Indian Companies – An Enquiry with Special Reference to NIFTY50 Companies	K.M, Vineeth	commerce	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	2018-19	2348-1269
To Dear Harris	Joseph Sebastian	Malayalam	Indian Literature	2018-19	0019580-4



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Reinforcing Effect of Fluffy Carbon Black on Diglycidyl Ether BisphenolA Epoxy Resin cured with Triethylenetetramine	TK, Bindu Sharmila, Sreesha Sasi, N. R. Suja, PM Sabura Beegum, and Eby Thomas Thachil	Chemistry	International journal of basic and applied research	2018-19	2249335s
Effect of financial literacy on Financial preparedness	V.N, Suresh	Commerce	International journal of Economics and management Studies	2018-19	ISSN-2349-6746
Invitro Antioxidant Activity and Total Phenolic content of Nannochloropsis salina	Shyamkumar, S. and Saramma A.V	Botany	International Journal of Pharmacognosy and Phytochemical Research	2018-19	0975-4873
Green Emitting Cerium Doped CaS Whiskers Grown by Solid State Diffusion Method	Rekha, S., Anila, E.I	Physics	Journal of Fluorescence	2018-19	1053-0509
Nonparametric Estimation of the Limiting Interval Reliability for Stationary Dependent Sequences	Angel Mathew, N. Balakrishna	Statistics	Journal of Mathematics and Statistical Science	2018-19	2411-2518
Phytochemical Screening, antibacterial and allelopathic effects of few invasive plants of Kerala	Jess Mary James, and Geethumol C.U, Arsha Anilkumar and Selvaraj G	Botany	Plant Science Today	2018-19	2348-1900
Nanosilica decorated multiwalled carbon nanotubes (CS hybrids) in natural rubber latex	Neena George, Venugopal B., Honey John, A. Mathiazhagan and Rani Joseph	Chemistry	Polymer	2018-19	323861
Stochastic Evolution of the Universe: A possible dynamical process leading to fractal structures	C. Sivakumar	Physics	Pramana, Journal of Physics	2018-19	0304-4289



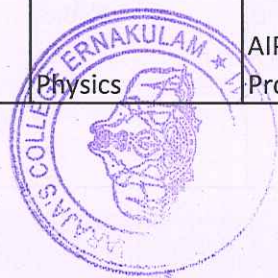
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A Comparative Study of Influence of Celebrity Endorsements by Film Stars and Sportspersons with Special Reference to FMCG Products	P.M, Noushad	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Perception towards Online Quizzes in NCT, Oman	P.M, Noushad and Ashraf Komakkal	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Inductive Thinking Model: A Strategy for Teaching Accountancy	P.M, Noushad and K.B, Sajikumar	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
An Assessment of Teacher Perception towards Inclusion of GST in the Commerce Curriculum under Mahatma Gandhi University, Kottayam	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
A Study on Work Life Balance of Female Teachers in Ernakulam District	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Consumer Perception towards Celebrity Endorsement in FMCG Products: A Study with Special Reference to Endorsements by Film Stars	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Women in Board: An Enquiry into the Women Participation in Boards of Major Real Estate Companies in India	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Consumer Awareness towards Telematics in Insurance	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085



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Occupational Stress among College Teachers in Kerala	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Local resident Perception of Special Events: An analysis on Economic and Socio-cultural Impact	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Role of Venturesome Consumption on Post Purchase Dissonance	K.M, Vineeth	commerce	Research Review: International Journal of Multi Disciplinary	2018-19	2455-3085
Reinterpreting the role of ettuveettil pillaimar:First martyrs in the struggle for Democracy in the Kingdom of Travancore(Venad)	Omali Aloysious	History	36th Session of south Indian history congress annual proceduings	2018-19	2229-3671
Popular sovereignty and the limits to absolute monarchy in the kingdom of Travancore before 1809	Omali Aloysious	History	37th Session of south Indian history congress annual proceduings	2018-19	2229-3671
The Vithoba cult in peninsular Indja:An over view'	Divya T	History	78TH Session of the Indian History Congress Annual Proceedings	2018-19	2249-1937
A Critique of the role of communal organizations in the political movements of in Travancore from 1891 to 1947	Omali Aloysious	History	38TH Session of the South Indian History Congress Annual Proceedings	2018-19	2229-3671
Effect of polyethylene glycol(PEG) on the structural and optical properties of europium doped Ca S nano phosphorssynthesised by wet chemical method.	S Rekha & E I Anila.	Physics	AIP Conference Proceedings	2018-19	ISBN 978-0-7354-1812-7



Handwritten signature in blue ink over a purple stamp. The stamp reads 'SPECIAL GRADUATE PRINCIPAL MAHARAJA'S COLLEGE ERNAKULAM'.

Zinc stannate flakes for optoelectronic and antibacterial applications	Joseph J., Saseendran S.B., Achary S.R., Sukumaran A.A., Jayaraj M.K.	Physics	AIP Conference Proceedings	2018-19	0094-243X (print); 1551-7616 (web)
Degradation of carbamazepine by singlet oxygen from sulfidized nanoscale zero-valent iron-citric acid system	Rayaroth, Manoj P., Kavanal P. Prasanthkumar, Yu-Gyeong Kang, Chung-Seop Lee, and Yoon-Seok Chang	Chemistry	Chemical Engineering Journal	2018-19	1385-8947 / 1873-3212
Spatial variation of phosphorus fractionation in the coral reef sediments of Lakshadweep Archipelago, Indian Ocean	Joy, A., Anoop, P., Rajesh, R., Mathew, A., Gopinath, A.	Statistics	Chemistry and Ecology	2018-19	0275-7540 Online ISSN: 1029-0370
Biochemical composition of sedimentary organic matter in the coral reefs of Lakshadweep Archipelago, Indian Ocean	Joy, A., Anoop, P., Rajesh, R., Mathew, A., Gopinath, A.	Statistics	Chemistry and Ecology	2018-19	0275-7540 Online ISSN: 1029-0370
Spatial distribution of organic geochemical record in the core sediments along the prominent zones of Central Kerala, India	Shibini Mol P.A., Sujatha C.H., Krishnan A., Deepak K., Sruthy Mol P.P., Priyanka B.R., Dhanya P.V.	Chemistry	Environmental Forensics	2018-19	1527-5922 Online ISSN: 1527-5930
Nickel oxide/cobalt phthalocyanine nanocomposite for potential electronic applications	Parambil Abdul Lathief Sheena, Aikkara Sreedev, Chandra Viji & Varghese Thomas	Physics	European Physical Journal B	2018-19	1434-6028 / 1434-6036



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Spatial variability of biochemical composition in coral reef sediments of Kavaratti and Pitti islands, Lakshadweep archipelago	Joy, A., Anoop, P.P., Rajesh, R., Mathew, A., Gopinath, A.	Statistics	Indian Journal of Geo-Marine Sciences	2018-19	0379-5136
Synthesis of novel poly (1-naphthylamine)-silver nanocomposites and its catalytic studies on reduction of 4-nitrophenol and methylene blue	Kanjirathamadathil Saidu, Femina, Alex Joseph, and George V. Thomas	Chemistry	Journal of Applied Polymer Science	2018-19	0021-8995 / 1097-4628
Intense Yellow Emitting Bio compatible CaS:Eu Nanophosphors Synthesized by wet chemical method.	S Rekha & E I Anila.	Physics	Journal of Fluorescence	2018-19	1053-0509
Characterization and electrochemical studies on poly (1-naphthylamine)-graphene oxide nanocomposites prepared by in situ chemical oxidative polymerization	Saidu, Femina Kanjirathamthadathil, Alex Joseph, Eldhose Vadakkechalil Varghese, and George Vazhathara Thomas	Chemistry	Journal of Solid State Electrochemistry	2018-19	1432-8488 / 1433-0768
Spatial variation of trace element concentration and contamination assessment in the coral reef sediments of Lakshadweep Archipelago, Indian Ocean	Joy, A., P P, A., R, R., , Mathew, A., Gopinath, A.	Statistics	Marine Pollution Bulletin	2018-19	0025-326X
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Physics	Materials letters	2018-19	0167-577X
White light emitting disprosium doped CaS nanophosphors synthesized by solid state diffusion method.	S Rekha & E I Anila.	Physics	Materials Chemistry and Physics	2018-19	0254-0584
In vitro cytotoxicity studies of surface modified CaS nanoparticles on L929 cell lines using MTT assay	Rekha, S., Anila, E.I	Physics	Materials Letters	2018-19	0167-577X



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Influence of bath temperature on surface modification and optoelectronic properties of chemical bath deposited CdS thin film nanostructures	Wilson, K.C., Basheer Ahamed, M.	Physics	Materials Science and Engineering B:	2018-19	0921-5107
Combined effects of thermal barrier coating and blending of diesel fuel with biodiesel in diesel engines	Vishnu Sankara, Manoj Ramachandran, Gireeshkumaran Thampi B.S. & M.K. Jayaraj	Physics	Materials Today: Proceedings	2018-19	2214-7853
Improved mechanical and barrier properties of Natural rubber-Multiwalled carbon nanotube composites with segregated network structure	George, Neena, Gean A. Varghese, and Rani Joseph	Chemistry	Materials Today: Proceedings	2018-19	2214-7853
Synthesis, Characterization and studies on photocatalytic and dielectric properties of Copper-Poly (1-Naphthylamine) Nanocomposite	Femina, K. S., and George V. Thomas	Chemistry	Materials Today: Proceedings	2018-19	2214-7853
Effect Of Olivine Nanosilica On The Reinforcement Of Natural Rubber Nanosilica Composites	Chandra, CS Julie, M. A. Shadiya, P. K. Bipinbal, and Sunil K. Narayanankutty	Chemistry	Materials Today: Proceedings	2018-19	2214-7853
Green synthesis of Nitrogen & Sulphur doped cardot composites for the sensing of glucose	Fernandez, Manju, Dyna Maria, K. S. Suneesh, and Sobhi Daniel	Zoology	Materials today: Proceedings	2018-19	2214-7853
Silver nanoparticles-embedded poly(1-naphthylamine) nanospheres for low-cost non-enzymatic electrochemical H ₂ O ₂ sensor	Saidu F.K., Joseph A., Varghese E.V., Thomas G.V.	Chemistry	Polymer Bulletin	2018-19	0170-0839



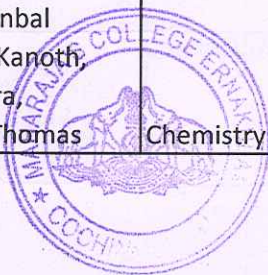
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Preparation of a one-component epoxy adhesive using PET bottle waste derived terephthalic dihydrazide as latent curing agen	George, N., Bindu Sharmila, T.K., Kurian, T.	Chemistry	International Journal of Adhesion and Adhesives	2018-19	0143-7496
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Nanosilica decorated multiwalled carbon nanotubes (CS hybrids) in natural rubber latex	Neena George, B. Venugopal, Honey John, A. Mathiazhagan, and Rani Joseph	Chemistry	Polymer	2018-19	0032-3861 / 1873-2291
Novel green synthesis of silver nanoparticles using clammy cherry (<i>Cordia obliqua</i> Willd) fruit extract and investigation on its catalytic and antimicrobial properties	Saidu, Femina Kanjirathamthadathil, Anjaly Mathew, Asna Parveen, Vijeesh Valiyathra, and George Vazhathara Thomas	Chemistry	SN Applied Sciences	2018-19	2523-3963 / 2523-3971
Spatial Distribution and Contamination Assessment of Trace Metals in the Coral Reef Sediments of Kavaratti Island in Lakshadweep Archipelago, Indian Ocean	Joy, A., Anoop, P.P., Rajesh, R., Mathew, A., Gopinath, A.	Statistics	Soil and Sediment Contamination	2018-19	532-0383 Online ISSN: 1549-7887
A DFT study of CO adsorption on pt (111) using van der Waals functionals	G. Lakshmikanth, Kundappaden Ishak and Chatanathodi Raghu	Physics	Surface Science	2018-19	0039-6028 / 1879-2758
Agitation for responsible government in Travancore	Omaloysious	History	79TH Session of the Indian History Congress Annual Proceedings	2018-19	2249-1937
Contributory Pension Scheme and the Market Failure: Half Baked Facts and Full Fledged Intentions	Santhosh T Varghese, Regi George, Baby Reena S	Economics	Adalya journal	2018-19	1301-2746
Green tire technology: Effect of rice husk derived nanocellulose (RHNC) in replacing carbon black (CB) in natural rubber (NR) compounding	Midhun Dominic, Rani Joseph, P M Sabura Begum, Bipinbal Parambath Kanoth, Julie Chandra, Sanmariya Thomas	Chemistry	Carbohydrate Polymers	2018-19	0144-8617




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