




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

3.4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list 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
Analysis of 80-MeV, Carbon and 80-MeV Nitrogen Ion Irradiation Effects on N-Channel MOSFETs	Dr.Puspha N	PG Physics	IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY	Dec-19	1530-4388
Swift heavy ions-induced degradation on the electrical characteristics of silicon NPN power transistors	Dr.Puspha N	PG Physics	RADIATION EFFECTS & DEFECTS IN SOLIDS	Sep-19	1042-0150
High energy swift heavy ion irradiation and annealing effects on DC electrical characteristics of 200 GHz SiGe HBTs	Dr.Puspha N	PG Physics	Nuclear Engineering and Technology	Mar-19	1738-5733
Development of membrane electrodes for selective determination of lisinopril in pharmaceuticals	Dr. N Rajendra Prasad	PG Chemistry	Journal of Analytical Science and Technology	May-19	2093-3371
Use of Sodium Tetraphenyl Boron for Fabrication of Potentiometric Membrane Sensor for the Assay of Olanzapine in Pharmaceuticals and Human Urine	Dr. N Rajendra Prasad	PG Chemistry	Applied Chemical Engineering	Jul-19	2578-2010


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-26




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Novel membrane sensor for determination of lamotrigine in pharmaceuticals and urine	Dr. N Rajendra Prasad	PG Chemistry	Current Chemistry Letters	Aug-19	1927-7296
Synthesis, Characterization of 4-Nitrobenzamide Derivatives and their Antimicrobial Activity	Dr. Mallesha L	PG Chemistry	International Journal of Pharmacy and Biological Sciences	Apr-19	2321-3272
Synthesis and structural studies of 1-phenyl-1,3-butanedione copper (II) complexes as an excellent antimicrobial agent against methicillin-resistant	Dr. Mallesha L	PG Chemistry	Inorganic Chemica Acta	Sep-19	227-236
A novel copper (II) PAmPiCaT complex (cPAmPiCaTc) as a biologically potent candidate: A contraption evidence against methicillin-resistant staphylococcus aureus (MRSA) and a molecular docking proof	Dr. Mallesha L	PG Chemistry	Bioorganic & Medicinal Chemistry	Jan-19	0968-0896
Synthesis of 1,2,4-triazole derivatives and their Anticonvulsant Activity	Dr. Mallesha L	PG Chemistry	Journal of Applicable Chemistry	Jan-19	2278-1862
New Approach to address antibiotic resistance: Miss loading of functional membrane microdomines (FMM) of methicillin-resistant staphylococcus aureus (MRSA)	Dr. Mallesha L	PG Chemistry	Microbial Pathogenesis	Jan-19	0882-4010


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25



JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Synthesis and characterization of Schiff base analogues of fluoroaniline and their antibioid activity against MRSA	Dr. Mallesha L	PG Chemistry	Current Chemistry Letters	Apr-19	1927-7296
caP4:A2.97 kDa Cationic Antibacterial peptide from Curcuma	Dr.Chethan Kumar M	PG BioChemistry	International journal of Peptide Research and Therapeutics	Jul-19	1098-0988
Molecular docking and multitudinous spectroscopic studies to elucidating proton -pump inhibitor lansoprasole binding interaction with broine serum albumin	Dr.Chethan Kumar M	PG BioChemistry	Biointerface Research in Applied Chemistry	Aug-18	2069-5837
Zinc oxide nanoparticles: A significant review on synthetic strategies, characterization and applications	Dr Mallikarjuna Swamy C	PG Chemistry	Proceedings of the International Conference on Advanced Materials	Oct-19	9.78074E+12
Microwave induced synthesis, and pharmacological properties of novel 1-benzoyl-4-bromopyrrolo[1,2-a]quinoline-3-carboxylate analogues	Dr Mallikarjuna B Chougala	PG Biotechnology	Chemical Data Collections	Dec-19	2405-8300
Facile microwave-assisted green synthesis of Zinc oxide nanoparticles: application to photodegradation, antibacterial and antioiidant	Dr Mallikarjunaswamy C	PG Biotechnology	Journal of materails Science: Materials in Electronics	Jun-19	1004-1021




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

ON CERTAIN SUBCLASSES OF ANALYTIC FUNCTIONS WITH RIEMANN LIOUVILLE q -DERIVATIVE DISTRIBUTION SERIES	Dr N. RAVIKUMAR,	PG Mathematics	Journal of Fractional Calculus and Applications	Jul-19	2090-584X
CONVOLUTION CONDITIONS FOR SAKAGUCHI-JANOWSKI TYPE FUNCTIONS	N Shilpa	PG Mathematics	Journal of Applied Science and Computations	Apr-19	1076-5131
On Generalized q -sakaguchi Type Functions	N Shilpa	PG Mathematics	International Journal of Mathematics And its Applications	Jul-19	2347-1557
SOME PROPERTIES OF SUBCLASSES OF ANALYTIC FUNCTIONS WITH NEGATIVE COEFFICIENTS	N Shilpa	PG Mathematics	South East Asian Journal of Mathematics and Mathematical Sciences	Sep-19	0972-7752
CORDIAL LABELING FOR THE LINE SPLITTING GRAPH OF SOME GRAPHS	Veena C R	PG Mathematics	International Journal of Research and Analytical Reviews	Jun-19	2348-1269
Design, synthesis and molecular docking studies of novel piperazine metal complexes as potential antibacterial candidate against MRSA	Dr. Mallesha L	PG Chemistry	Journal of Molecular Structure	Jul-20	222860


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Synthesis and characterization of 4-amino-4H-1,2,4-triazole derivatives: Anticonvulsant activity	Dr. Mallesha L	PG Chemistry	Current Chemistry Letters	Jul-20	19277296
Thermal, optical, etching, structural studies and theoretical calculations of [1-(2, 5-Dichloro-benzenesulfonyl)-piperidin-4-yl]-(2,4-difluorophenyl)-methanone oxime	Dr. Mallesha L	PG Chemistry	Journal of Molecular Structure	Aug-20	222860
Application of ion pair complexes to design novel potentiometric membrane sensors for direct determination of frusemide in pharmaceuticals	Dr N Rajendra Prasad	PG Chemistry	Future Journal of Pharmaceutical Sciences	Nov-20	2314-7253
Selective Potentiometric Sensors for the Determination of Quetiapine Fumarate in Pharmaceuticals and Spiked Human Urine	Dr N Rajendra Prasad	PG Chemistry	Brazilian Journal of Analytical Chemistry	Jul-20	21793425


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Application of two charge transfer complex formation reactions for selective determination of metformin hydrochloride in pharmaceuticals and urine	Dr N Rajendra Prasad	PG Chemistry	Future Journal of Pharmaceutical Sciences	Sep-20	2314-7253
Metal nanoparticles as emerging catalysts: A mini review	Dr. Mallikarjuna Swamy C	PG Chemistry	International Journal of Nano Dimensions	Dec-20	2008-8868
Pharmacotherapy of COVID-19: A Perspective of Pathogenicity and Life Cycle	Dr. Mallikarjuna Swamy C	PG Chemistry	Biomedical and Pharmacology Journal	Sep-20	0974-6242
CHALLENGES AND RECENT DEVELOPMENTS ASSOCIATED WITH VACCINE ANTIGENS PRODUCTION AGAINST <i>HELICOBACTER PYLORI</i>	Dr. BY Sathish Kumar	PG Biotechnology	International Journal of Applied Pharmaceutics	Jun-20	0975-7058


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Multifunctional applications of Nickel oxide (NiO) nanoparticles synthesized by facile green combustion method using Limonia acidissima natural fruit juice	Dr ND Rekha	PG Biotechnology	Inorganica Chimica Acta	Jan-20	0020-1693
Cost-effective and green approach for the synthesis of zinc ferrite nanoparticles using Aegle Marmelos extract as a fuel: catalytic, electrochemical, and microbial applications	Dr Mallikarjuna Swamy C	PG Chemistry	Journal of Materials Science: Materials in Electronics	Jul-20	0957-4522
Green Synthesis of BiVO ₄ Nanoparticles by Microwave Method using <i>Aegle marmelos</i> Juice as a Fuel: Photocatalytic and Antimicrobial Study	Dr Mallikarjuna Swamy C	PG Chemistry	Analytical Chemistry Letters	Jul-20	2230-7532
Synthesis and Characterization of Indolizine and 5,6-benzo-fused Indolizine derivatives with their pharmacological applications.	Dr Mallikarjuna B Chougala	PG Biotechnology	Chemical Data Collections	Aug-20	24058300
Synthesis, antibacterial, and antioxidant studies of 7-amino-3-(4-fluorobenzoyl)indolizine-1-carboxylate derivatives	Dr. Mallikarjuna Chougala	PG Biotechnology	Journal of Applied Pharmaceutical Science	Feb-20	2231-3354
Plant induced resistance in solanacearum lycopersium species against root knot nematodes	Dr. B Navyashree	PG Zoology	Journal of applied biology and biotechnology	Aug-20	2455-7005


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Evaluation of Antibacterial and antidiabetic Potential of Silver Nanoparticles using Eugenia Uniflora L.Seed Extract	Dr.Chethan Kumar M	PG Biochemistry	International Journal of Pharmaceutical Sciences and Nanotechnology	Jul-20	0974-3278
Mechanism of antibacterial cationic peptide caP4 from Curcuma pseudomontana L against E coil	Dr.Chethan Kumar M	PG Biochemistry	International Journal of Peptide Research and Therapeutics	Sep-20	1573-3149
On Strongly 2 Multiplicative graphs	Dr. Veena C R	PG Mathematics	Communications in Combinatorics and Ptimisation	Apr-20	2664-7112
A note on sign balanced idex set of graph	Dr. Veena C R	PG Mathematics	South East Asian Journal of Matematics and Mathematical Sciences	Nov-20	2582-0850
Convolution Conditions and Generalised Janowski-Sakaguchi type function	Dr.N Shilpa	PG Mathematics	Advances in Mathematics:Scientific Journal	Aug-20	5649-5654
An Influence of Linear Energy Transfer of High Energy Ions on the Electrical Characteristics of NPN rf Power Transistors	Dr.Puspha	PG Physics	International Journal of Innovation in Advanced Physics	Jul-21	


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

60 Co Gamma and High Energy Ion Impacts on Threshold Characteristics and its Recovery in N-Channel depletion MOSFETs	Dr N Pushpa	PG Physics	Indian Journal of Physics	2022	0973-1458
Computational based approach in discovering the phytochemical based complex and root knot nematode meloidogyne incognita	Dr.Navyashree B	PG Zoology	Bulletin of Environment, Pharmacology and life sciences	Oct-21	2277-1808
Radical Scavenging activity of Peptide fraction from curcuma pseudomontana L. A wild variety of turmeric	Dr. Chethan Kumar M	PG Biochemistry	International Journal of pharmacy and Biological sciences	Aug-21	2321-3272
Copper chelating protein hydrolysate from Salvia hispanica L by pepsin pancreatin treatment	Dr B V Latha Dr Chethan Kumar M	PG Biochemistry	Current Research in Food Science	16-Nov-21	26659271
Green synthesis and evaluation of antiangiogenic, and electrochemical activities of BiVO ₄ nanoparticles	Dr Mallikarjuna Swamy C	PG Chemistry	Journal of materials Science: Materials in Electronics	01-Apr-21	0957-4522
Design, synthesis, docking, Hirshfeld surface analysis and DFT calculations of 2-methylanthran-9-with the FtsZ protein from staphylococcus aureus	Dr Mallikarjuna Swamy C	PG Chemistry	Biomedical informatics	01-Mar-21	0973-8894


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
City Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Synthesis,characterisation, docking study and antimicrobial activity of 2-(4-benoylphenoy)-1-[2-(1-methyl-1H-indol-3-yl)methyl)-1H-beno[d]imidazol-1-yl] ethanone derivatives	Dr Mallikarjuna Swamy C	PG Chemistry	Journal of Iranian chemical society	01-Mar-21	2468-7235
Eco-Friendly Green Synthesis, Characterizations, and Antimicrobial Activities of Nickel Oxide Nanoparticles	Dr Mallikarjuna Swamy C	PG Chemistry	ECS Transactions The Electrochemical Society	2022	1091-8213
Enhanced photocatalytic, electrochemical and antimicrobial activities of α -Mn ₂ V ₂ O ₇ nanopebbles	Dr Mallikarjuna Swamy C	PG Chemistry	Journal of Materials Science: Materials in Electronics	24-Nov-21	0957-4522
Optical performance appraisal of mechanically flexible and visibly clear PVP-PVA/calcium doped zirconium oxide nanocomposites for UV shielding applications	Kavya HV	PG Chemistry	Optik	Nov-21	0030-4026
Design, synthesis, molecular docking and DFT computational insight on the structure of Piperazine sulfynol derivatives as a new antibacterial contender against superbugs MRSA	Dr L Mallesha	PG Chemistry	Journal of Molecular Structure	20-Aug-21	0022-2861


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Synthesis and characterisation of chitosan silver nanoparticle decorated with benodioxine coupled piperaine as an effective anti-biofilm agent MRSA: A validation of molecular docking and dynamics	Dr L Mallesha	PG Chemistry	International journal of biological macromolecules	Mar-21	0141-8130
Anticonvulsant activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives: synthesis and characterisation	Dr L Mallesha	PG Chemistry	Research journal of chemistry and Environment	Aug-21	2321-1040
Sulfation code and Conformational plasticity of L-Iduronic Acid Homo-Oligosaccharides Mimic the Biology functions of Heparan sulfate	Dr.N Vijendra Kumar	PG Chemistry	ACS Chemical Biology	Sep-21	1554-8929
Facile synthesis of stable Cu and CuO particles for 4-nitrophenol reduction, methylene blue photodegradation and antibacterial activity	Dr Mallikarjun Chougala	PG Biotechnology	Journal of Hazardous Materials Advances	28-Nov-21	27724166
Investigation of Antifungal Properties of Synthetic Dimethyl-4-Bromo-1-(Substituted Benzoyl) Pyrrolo[1,2-a] Quinoline-2,3-Dicarboxylates Analogues: Molecular Docking Studies and Conceptual DFT-Based Chemical Reactivity Descriptors and Pharmacokinetics Evaluation	Dr Mallikarjun Chougala	PG Biotechnology	Molecules	06-May-21	14203049


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-26




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Cloning and Expression of Vacuolating cytotoxin A (Vaca) Antigenic Protein in Nicotiana benthamiana Leaves a potential source of the vaccine against Helicobacter pylori	Dr B Y Sathish Kumar	PG Biotechnology	International journal of Pharmaceutical investigation	01-Mar-21	2230-9713
Evaluation of iceA1 Gene Expression of Helicobacter pylori Risk Factor of Gastric Cancer in Transgenic Brinjal	Dr B Y Sathish Kumar	PG Biotechnology	Indian Journal of Pharmaceutical Education and Research	08-Nov-21	195464
Cloning and Expression of Helicobacter pylori ulcer associated gene-iceA1 in Brinjal	Dr B Y Sathish Kumar	PG Biotechnology	International journal of Pharmaceutical investigation	Oct-21	2230-9713
Transient recombinant expression of highly immunogenic CagA, Vaca and NapA in Nicotiana benthamiana	Dr B Y Sathish Kumar	PG Biotechnology	Biotechnology reports	Dec-21	2215-0172
Phytochemical Analysis and Evaluation of Antimicrobial, Antioxidant, Anti-inflammatory and Antiangiogenic activities of Methanol extract of Urochloa ramosa	Dr N D Rekha	PG Biotechnology	Research Journal of Pharmacy and Technology	25-Dec-21	0974-3618
Highly selective sensors for assay of Donepezil Hydrochloride by Potentiometry : Green Approaches	Dr N Rajendra Prasad	PG Chemistry	Analytical & Bioanalytical Electrochemistry	26-Jul-21	20084226


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Applications of Pyrrole based molecularly imprinted polymers as analytical sensors:a review	Dr N Rajendra Prasad	PG Chemistry	Portugaliae Electrochimica Acta	10-Oct-21	8721904
A Selective PVC Matric assisted potentiometric sensor for the determination of hydroxyzine hydrochloride (HDH)	Dr N Rajendra Prasad	PG Chemistry	Portugaliae Electrochimica Acta	30-Oct-21	8721904
Simple and Highly Slective Direct Stability Indicating Ultraviolet and Indirect visible spectrophotometric methods for determination of enrofloxacin in pharmaceuticals	Dr N Rajendra Prasad	PG Chemistry	Journal of Applied Spectroscopy	Dec-21	219037
Probable selective compounds for inhibition of SARS-CoV-2 infection:A Review	Dr N Rajendra Prasad	PG Chemistry	Thai Journal of Pharmaceutical Sciences	16-Dec-21	1254685
Multi-target-directed therapeutics: (Urea/thiourea) ₂ derivatives of diverse heterocyclic-lys conjugates	Dr R Suhas	PG Chemistry	Archiv der Pharmazie	Mar-21	1521-4184
Experimental and DFT explorations of tert-butyl(1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-oxopropan-2yl)-carbamate on CRCA metal in 1M HCl solution	Dr R Suhas and Dr Mahadeva Swamy M	PG Chemistry	Results in Surfaces and Interfaces	Nov-21	2666-8459


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Bio-mediated synthesis of ZnO nanoparticles using <i>Lantana Camara</i> flower extract: Its characterizations, photocatalytic, electrochemical and anti-inflammatory applications	Dr. M Mahadevaswamy	PG Chemistry	Environmental Nanotechnology, Monitoring & Management	Feb-21	22151532
A subordination result and integral mean for a class of analytic functions defined by q-differintegral operator	Dr N Ravikumar	PG Mathematics	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	Jan-21	22390227
A study on the diversity of spiders in different localities of mysore city, Karnataka	Dr.Ramyashree M	PG Zoology	Indian journal of applied and pure biology	Dec-21	0970-2091
Phytochemical analysis and antibacterial activity of Cleome gynandra L. Stem and Leaf extracts	Dr. Beligiri ranga V	PG Botany	International advanced Research Journal in Science, Engineering and Technology	Dec-21	2393-8021
Antiobesity drug-likeness properties and pancreatic lipase inhibition of a novel low molecular weight lutein oxidized product, LOP6	Dr Chethan Kumar M	PG Biochemistry	Food & Function	08-May-22	20426496


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Structure, function and mechanistic aspects of scorpion venom peptides-A boon for the development of novel therapeutics	Dr R Suhas	PG Chemistry	European Journal of Medicinal Chemistry Reports	19-Jun-22	27724174
Identification and Characterization of metal-chelating bioenhancer peptide derived from Citrullus lanatus seed milk	Dr B V Latha Dr Chethan Kumar M	PG Biochemistry	Journal of Food Biochemistry	11-Jan-22	17454514
Eperimental and DFT eplorations of tert-butyl(1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-osopropan-2yl)-carbamate on CRCA metal in 1M HCl solution	Dr.R Suhas &Dr.Mahadevas wamy.M	PG Chemistry	Results in surfaces and interfaces	01-Jan-22	2666-8459
Plant seed extract assisted, eco-synthesied C-Z nanoparticles: Characterisation chromium (IV) ion adsorption and kinetic atudies	Mahadeva Swamy M	PG Chemistry	Luminescence-Wiley	Feb-22	1123-1123
Development of enhanced electrochemical sensor and antimicrobial studies of ZnO NPs synthesized using green plant extract	Mahadeva Swamy M	PG Chemistry	Sensors International	03-Apr-22	2666-3511


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-28




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Plant-mediated synthesis of NiO(II) from Lantana camara flowers: a study of photo synthesis: a study of photo-catalytic ,electrochemiacal and biological activities	Dr.Mahadevasamy.M	PG Chemistry	Journal of Materials Research and Technology	Jul-22	4543-4556
A study on knowledge, Skills and attitude among under graduate students of government colleges regarding e-learning in dakshina kannada district,Karnataka,India	Dr. Susmitha B	MSW	Enterpreneurship planning ,development and management	01-Dec-22	2581-3900
The Enhanced Oral Bioavailability of total lutein Oxidised products extracted from tagets erecta flower petals in C57BL/6 Mice	Dr Chethan Kumar M	PG Biochemistry	International journal of food and nutritional sciences	Dec-22	2319-1775
Computational approach in search of theropatic for colorectal cancer	Dr.Navyashree.B	PG Zoology	International journal of food and nutritional sciences	Dec-22	2319-1775
In-Silico evaluation of anti-acne property of sysygium(S) aromaticum	Dr.Navyashree.B	PG Zoology	International journal of food and nutritional sciences	Dec-22	1535-4577


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Effects of untreated industrial waste water on vegetative growth and pigmentation of oil yielding crops	Dr.Shindu GM	PG Botany	Advances in bio research	Jul-22	2277-1573
FTIR spectroscopic analysis of canthium parviflorum comparative analysis of functional group before and after extraction	Dr.Gayathridevi. N	UG Botany	Unique journal of pharmaceutical and biological sciences	Jan-22	1231-2322
Evaluation of antifungal effect of medicinal plants against panamawilt of banana caused by fusarium osyosporum f.sp.cubense	Dr.B.L.Kiran	UG Botany	Journal of applied biology and biotechnology	Jan-23	2347-212X
The influence of radiation on the electrical characteristics of MOSFET and its revival by different annealing techniques	Dr. Pushpa N	PG Physics	Radiation Effects and Defects in Solids Incorporating Plasma Science and Plasma Technology	Feb-22	1042-0150
Consumer perception towards electric two wheeler vehicles in southern karnataka	Dr. Divya L	PG Commerce	International journal for research in engineering application & management	Jun-22	2454-9150
A conceptual study on quality of work life and its dimensions	Dr. Divya L	PG Commerce	International Journal of research & analytical reviews	May-22	2348-1269


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
City Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

sub classes of analytic functions associated with q-derivative	Dr.Ravikuamr.N	PG Mathematics	International journal of mathematical Combinatorics	01-Jun-22	
Facile combustion derived synthesis of CuO nanoparticles:Application towards photocatalytic,electrochemical and DNA cleavage studies	Dr.N.D.Rekha	PG Biotechnology	Nano-structures &nano-objects	Sep-22	2352-5072
Persistent prevalence of non-covalent interaction in pyrimidine containing sulfonamide derivative: A quantum computational analysis	Dr L Mallesha	PG Chemistry	Journal of Molecular Structure	24-May-22	0022-2860
Application of artificial intelligence in the payment system at shopping malls in Mysuru city	Dr.Divya.L	PG Commerce	International Journal of reseach & analytical reviews	01-Apr-22	2348-1269
Green and facile synthesis of zinc oxide nanoparticles for enhanced photocatalytic organic pollutant degradation	Mallikarjunaswamy C S Pramila	PG Chemistry	Journal of matter science: Mater Electron	Aug-22	1573-482X
Green synthesis of bismuth tungstate nanoparticles, evaluation of their applications favouring photocatalytic and bio-sensing	Dr. C Mallikarjuna Swamy & Pramila S	PG Chemistry	Inorganic and Nano-Metal Chemistry	Jun-22	2470-1564


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

A review on synthesis and applications of versatile nanomaterials	Dr.C.Mallikarjuna Swamy	PG Chemistry	Inorganic and Nano-Metal Chemistry	Jun-22	2470-1565
Larvicidal and antimicrobial activity of Zinc Oxide nanoparticles synthesised from rain tree pod aqueous extract	Dr. C Mallikarjuna Swamy	PG Chemistry	Materials Today: Proceedings	Mar-22	5083-5086
Indian bael mediated eco-friendly synthesis and performance evaluation of Zirconium oxide nanoparticles: An efficient anti-microbial agent	Dr. C Mallikarjuna Swamy	PG Chemistry	Materials Today: Proceedings	Mar-22	5067-5070
Microwave and combustion methods: a comparative study of synthesis, characterization, and applications of NiO nanoparticles	Dr. C Mallikarjuna Swamy & Pramila S	PG Chemistry	Inorganic and Nano-Metal Chemistry	Jun-22	2470-1564
synthesis and characteriation of 4-hydroxy benzophenone (Ph ₂ CO)/Polyvinyl alcohol (PVA) composites for ultraviolet (UV)-Shielding applications	Dr. C Mallikarjuna Swamy	PG Chemistry	Materials Today: Proceedings	Mar-22	5250-5257
Synthesis, crystal structure, Hirshfeld surface analysis and crystal structure and molecular modeling studies of 1-(4-(Methoxy (phenyl) methyl)-2-methylphenoxy) butan-2-one Derivative as a Novel α -Glucosidase Inhibitor.	Dr.Mallikarjunas wamy C	PG Chemistry	MDPI, Crystals	Jul-22	1207-0960


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-26




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Facile green synthesis of zirconium phosphate nanoparticles using Aegle marmelos: Antimicrobial and photodegradation studies	Dr.Mallikarjunas wamy C	PG Chemistry	Materials Today:Proceedings	01-Mar-22	5067-5070
Eco-friendly green synthesis ,characterisation &Antimicrobial activities of NiO nanoparticles	Dr.Mallikarjunas wamy C	PG Chemistry	ECS Transactions The Electrochemical Society	01-Mar-22	1630-3452
Optical,Electrical and Thermal behaviors of CaZnO ₂ Nanofillers loaded PVP-PVA Nanocomposite Thick films.	Dr.Kavya H V	PG Chemistry	Polymer Science, Series A	Mar-22	
N-[2-bromo-2-chloro-pyrimidin-4-yl)-4-methoxy phenyl]-4-chlorobenzenesulfonamide : The existence of H-bond and halogen bond interactions assisted supramolecular architecture- A quantum chemical investigation	Mallesha L	PG Chemistry	Journal of Molecular Structure	Nov-22	0022-2861
Review on biological activity and corrosion studies of 1,2,4-triazole derivatives	Mallesha L	PG Chemistry	International Journal of research and analytical reviews	Apr-22	2349-5138
Recent Developments of Coumarin products as potential Anticancer Agents	Dr. Mallesha L	PG Chemistry	Journal of Applicable Chemistry	Jun-22	2278-1862


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Effects of Gamma radiation on the electrical properties of bio polymer electrolyte	Dr.Vinaykumar. L	UG physics	Research journal of chemistry & environment	01-Aug-22	
^{60}Co Gamma Influence on Transconductance in N-Channel MOS Device and its Revival under Isochronal Annealing Technique	Dr. Pushpa N	PG Physics	Indian J Phys	Sep-22	1087-1092
On new subclasses of analytic functions involving (p,q) -derivatives	Dr.Shilpa.N	PG Mathematics	Indian journal of science & technology	01-Feb-22	0974-6846
Green synthesis of CUO nano particles by vernicia fordii seed extract: their photocatalytic activity toward industrial dye degradation and their biological activity	Dr.N.D.Rekha	PG Biotechnology	Inorganic and Nano-Metal Chemistry	01-May-22	2470-1556
Fekete-Sego inequalities for certain analytic functions associated with q -derivative operator	Dr.N Shilpa	PG Mathematics	Advances and applications in mathematical sciences	01-Feb-22	0974-6803
Partition energy of some leico graphic product of two graphs	Dr.Veena	PG Mathematics	proceedings of jangjeon mathematical society	May-22	2508-7916


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Use of smartphone for determination of flutamide in pharmaceuticals: capture on paper approach	N Rajendra Prasad	PG Chemistry	Chemical Papers	Dec-22	1336-9075
Fabrication and Validation of Novel Fexofenadine sensor using Alizarin Red S as Ion Exchanger on PVC matrix for Assay in Pharmaceuticals and Spiked Human Urine Samples	N Rajendra Prasad	PG Chemistry	Analytical Bioanal.Electrochem	Oct-22	934-952
Toxicological effect of Ricinus communis aqueous leaf extract on the locomotor activities in drosophilla melanogaster	Ramyashree M	PG Zoology	Advanced in Bioresearch	Jul-22	2277-1573
Structural features and prebiotic properties beta glucan from green gram	Dr.Savitha Prashanth M.R	PG Biochemistry	Trends in carbohydrate research	01-Jul-22	0975-0304
One pot synthesis of CuO-NiO nanoparticles using Aegle marmelos fruit extract and their antimicrobial activity	Mallikarjunaswamy	PG Chemistry	Materials Today Proceedings	25-Mar-23	2214-7853
Facile synthesis of multifunctional bismuth oxychloride nanoparticles for photocatalysis and antimicrobial test	C. Mallikarjunaswamy	PG Chemistry	Materials Science and Engineering: B	Jan-23	0921-5107


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
City Road MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Improved Bioavailability of Curcumin by Derivatisation with Isoleucine in Plasma and Reproductive Tissues of Female Rats is Mainly Due to Altered Affinity for P-gp Transporter	N Vijayendra Kumar	PG Chemistry	Current Bioactive Compounds	Oct-22	1573-4072
Synthesis, crystal structure, Hirshfeld surface analysis and DFT calculations of 1,2-bis(phenylethylidene)hydrazine	Dr. Akileswari P	PG Physics	Journal of Molecular Structure	Sep-23	0022-2860
Large optical anisotropy in quasi-one-dimensional tantalum thallium chalcogenides TaTlX ₃ (X = S, Se): A first-principles investigation	C.P. Sujith	PG Physics	Materials Chemistry and Physics	Apr-23	0254-0584
A first principles characterization of electronic and optical anisotropy of quasi-one-dimensional transition metal lead sulfides PbMS ₃ (M = Hf, Zr)	C.P. Sujith	PG Physics	Physica B: Condensed Matter	Sep-23	0921-4526
The quest for optimal photovoltaics: A theoretical exploration of quasi-one-dimensional tin based chalcogenides XSnS ₃ (X=Ba, Sr)	C.P. Sujith	PG Physics	Materials Today Communications	Nov-23	2352-4928


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-28




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Green, nonchemical route for the synthesis of MnWO ₄ nanostructures, evaluation of their photocatalytic and electrochemical performance	K. C. Sunil Kumar	PG Physics	J Mater Sci: Mater Electron	Aug-23	(2023) 34:1791
Biogenic synthesis of orthorhombic α -MoO ₃ nanoparticles for photocatalytic degradation and electrochemical sensing	K. C. Sunil Kumar	PG Physics	J Mater Sci: Mater Electron	Nov-23	(2023) 34:1792
Facile green synthesis of cerium oxide nanoparticles using Jacaranda mimosifolia leaf extract and evaluation of their antibacterial and photodegradation activity	K. C. Sunil Kumar	PG Physics	Materials Today: Proceedings	May-23	2214-7853
Molecular mechanism of anti-obesity effect of total lutein oxidised products (LOPs) in diet-induced obese mice	Dr. Chethan Kumar M	PG Biochemistry	Journal of Taibah University for science	Jun-23	1658-3644
Anti corrosive and anti Microbial activity of MTMI on CRCA metal.	Dr.Suhas.R & Dr.Mahadevaswamy.M	PG Chemistry	Journal of Molecular Structure	Jun-23	0022-2860


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25




JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; 📠0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Rhisobial Elicitor molecule signaling muskmelon defense against gummy stem blight disease involving innate immune response.	Dr.Sindhu.G.M	PG Botany	Physiological and molecular plant pathology.	Sep-23	0885-5765
Certain classes of analytic functions involving multiplier transformations by using q-calculus operators	Dr.Ravikumar.N	PG Mathematics	Journal of propulsion technology	May-23	1001-4055
Certain subclasses of Bi-Univalent functions defined by linear multiplier fractional q-differential operator	Dr.Ravikumar.N	PG Mathematics	Kragujevac Journal of Mathematics	Aug-23	1450-9628
Certain new subclassess of analytic and Bi-univalent functions	Dr.Ravikumar.N	PG Mathematics	International journal of analysis and Applications	Jun-23	2291-8639
Probing the hydrogen bond network in the crystal structure of a ulfonamide derivative: A quantum chemical approach	Dr.Mallesha L	PG Chemistry	Journal of Molecular Structure	May-23	0022-2860
Infrared and electronic spectroscopy for assay of dosulepin in pharmaceuticals: Stability indicating study and qualification Approach	Dr.Rajendra Prasad N	PG Chemistry	Brazilian Journal of Analytical Chemistry	Apr-23	2179-3425


PRINCIPAL
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, MYSURU-25



JSS Mahavidyapeetha
JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore; NAAC 'A' Grade
with CGPA of 3.21; Recognized by UGC as 'College with Potential for Excellence')

☎0821-2548236 / 380; ☎0821-2548238; ✉jssautonomous@gmail.com; 🌐jsscacs.edu.in

Eviromentally benign silver bio-nanomaterials as potent antioXidant , antibacterial,and antidiabetic agents: Green synthesis using salacia oblonga root eXtract	Dr. GuruKumar D	PG Biochemistry	Frontiers in Chemistry	Jan-23	2296-2646
An alkali-eXtracted polysaccharide from pleurotous and eXploration of its antioXidant and immunomodulatory activities	Dr.MR Savitha Prashanth	PG Biochemistry	Journal of Food Measurement and Characterisation	Nov-23	2468-7235
Importance of disaster risk reduction and management of vulnerable communicaties in the conteXt of atmanirbhar bharat	Dr.Susmitha B	MSW	International Research Journal of Social Sciences	Jul-23	2319-3565

Dr. M Prabhu

Principal

PRINCIPAL

JSS College of Arts, Commerce & Science
Ooty Road, MYSURU-25