

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

S.No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal
1	Dr. C. Naveen Kumar	Biochemistry	Baicalein inhibits cell proliferation and enhances apoptosis in human A549 cells and benzo(a)pyrene-induced pulmonary carcinogenesis in mice.	Journal of Biochemical & Molecular Toxicology
2	Dr. C. Naveen Kumar	Biochemistry	Cardioprotective effects of ferulic acid against various drugs and toxic agents	Beni-Suef University Journal of Basic and Applied Sciences
3	Dr. C. Naveen Kumar	Biochemistry	Effects of d-pinitol on diabetes mellitus: an updated review	Bulletin of the National Research Centre
4	Dr. C. Naveen Kumar	Biochemistry	Baicalein: A review on its anti-cancer effects and mechanisms in lung carcinoma	Journal of Food Chemistry
5	Dr. Jeelan N. Basha	Chemistry	Novel pyrimidines as cox-2 selective inhibitors: synthesis, dft analysis, molecular docking and dynamic simulation studies	Journal of Biomolecular Structure and Dynamics
6	Dr. Jeelan N. Basha	Chemistry	The multi-pharmacological targeted role of indole and its derivatives: a review	Chemistry Europe
7	Dr. K. Sahithya	Microbiology	Role of microbes in the pharmaceutical industry	Wiley online Library

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8	Dr. N. Jeelan Basha b, Prashantha Karunakar c, Ganga Periyasamy d, Sasidhar B. Somappa e f, Mohammad Javeed g, S. Vanishree d	Chemistry	Investigation of embelin synthetic hybrids as potential covid-19 and cox inhibitors: synthesis, spectral analysis, dft calculations and molecular docking studies	Journal of Molecular Structure
9	Dr. N. Jeelan Basha, T. L. Chandana	Chemistry	Synthesis and antiviral efficacy of pyrimidine analogs targeting viral pathways	ChemistrySelect
10	Dr. Prashanthi K	Biochemistry	The chromatin modifier MORC2 affects glucose metabolism by regulating the expression of lactate dehydrogenase A through a feed forward loop with c-Myc	FEBS Letters
11	Dr. Pushpa Reddy	Biochemistry	Detailed study of gut microbiome profiles of eisenia and perionyx species with respect to organic matter decay properties	International Journal of Advanced Biochemistry Research
12	Dr. S Anu Kiruthika, Harish K R, Pooja Pandey	Microbiology	Dietary synbiotic as a supplemental therapy to reduce cancer symptoms: a review	Bulletin of Environment, Pharmacology and Life Sciences
13	Dr. Sahithya K	Microbiology	Remediation potential of mushrooms and their spent substrate against environmental contaminants: An overview	Biocatalysis and Agricultural Biotechnology
14	Dr. Ananda Vardhan Hebbani	Biochemistry	Alcohol-induced hormonal and metabolic alterations in plasma and erythrocytes—a gender-based study	Toxicology Mechanisms and Methods
15	Dr. Ananda Vardhan Hebbani	Biochemistry	Biochemical and biophysical changes in plasma and erythrocyte membranes	Romanian Journal of Diabetes Nutrition and Metabolic Diseases

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			of alcohol-consuming type 2 diabetics: a clinical study	
16	Dr.Ananda Vardhan Hebbani	Biochemistry	Insilico generation of novel ligands for the inhibition of sars-cov-2 main protease (3clpro) using deep learning	Frontiers in microbiology
17	Dr.Ananda Vardhan Hebbani	Biochemistry	Vegetarian ethnic foods of south india: review on the influence of traditional knowledge	Journal of Ethnic Foods
18	Dr.Anu Kiruthika	Microbiology	Ethno-pharmacological of lilium flower	International Journal of Pharmaceutical Research and Applications
19	Dr.Arati Mohapatro	Computer Science	Adoption of internet of things for smart monitoring of aquaponics	IEEE
20	Dr.Aruna K.	Physics	Electrical and thermal properties of polymer nanocomposites	Kristu Jayanti Journal of Computational Sciences
21	Dr.B..S. Dwarakanath	Biochemistry	Dietary administration of the glycolytic inhibitor 2-deoxy-d-glucose reduces endotoxemia-induced inflammation and oxidative stress: implications in pamp-associated acute and chronic pathology	Frontiers in Pharmacology
22	Dr.B..S. Dwarakanath	Biochemistry	Enhanced glycolysis confers resistance against photon but not carbon ion irradiation in human glioma cell lines	Cancer Management and Research
23	Dr.B..S. Dwarakanath	Biochemistry	Epigenetics of radiation induced gi damage: the role of protein modifications	Epigenetics in Organ Specific Disorders

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24	Dr.B..S. Dwarakanath	Biochemistry	Immune-modulation by 7, 8-diacetoxy-4-methylthiocoumarin in total body-irradiated mice: implications for the mitigation of radiation-induced hematopoietic injury	Life Sciences
25	Dr.B..S. Dwarakanath	Biochemistry	Mitochondrial uncoupler dnp induces coexistence of dual-state hyper-energy metabolism leading to tumor growth advantage in human glioma xenografts	Frontiers in Oncology
26	Dr.B..S. Dwarakanath	Biochemistry	Role of autophagy in tumor response to radiation: implications for improving radiotherapy	Frontiers in oncology
27	Dr.B..S. Dwarakanath	Biochemistry	Technological advancements in cancer diagnostics: improvements and limitations	Cancer Reports
28	Dr.B.S. Dwarakanath	Biochemistry	Carbon ion irradiation downregulates notch signaling in glioma cell lines, impacting cell migration and spheroid formation	Cells
29	Dr.E. Parasuraman	Physics	Effect of impurity on modulational instability of localized modes in a discrete quantum ferromagnetic spin chain	Journal of Magnetism and Magnetic materials
30	Dr.E. Parasuraman	Physics	Longitudinal weak and strong localized modes in single-wall carbon nanotube	The European Physical Journal Plus

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31	Dr.Jeelan Basha N	Chemistry	Synthesis, spectral analysis, DFT calculations, biological potential and molecular docking studies of indole appended pyrazolo-triazine	Molecular Diversity
32	Dr.K.Sahithya	Microbiology	Green synthesis of silver nanoparticles using marine sea weed acetabularia acetabulum and their activity as mmt-ag nanocomposites towards antifouling applications	Research Journal of Pharmacy and Technology
33	Dr.Mary Stella Bhupanapadu Sunkesula, M. S. Reddy	Zoology	Validation of Antioxidant and Immune Related Gene Members Among <i>Apis Cerana</i> Species of South India by Quantitative Real-Time PCR.	Journal of Apiculture
34	Dr.Mary Stella, Bhupanapadu Sunkesula, M. S. Reddy	Zoology	Characterization of the Regulatory Signatures of Peptidoglycan Recognition Proteins of <i>Apis Cerana</i> by <i>Insilico</i> Analysis	Journal of Apiculture
35	Dr.N. Jeelan Basha	Chemistry	An insight into therapeutic efficacy of heterocycles as histone-modifying enzyme inhibitors that targets cancer epigenetic pathways	Chemical Biology And Drug Design
36	Dr.N. Jeelan Basha	Chemistry	Anticancer and anti-inflammatory activities of garcinol and its analogs	Polycyclic Aromatic Compounds
37	Dr.N. Jeelan Basha	Chemistry	Anticancer potential of bioactive molecule luteolin and its analogs: an update	Polycyclic Aromatic Compounds
38	Dr.N. Jeelan Basha	Chemistry	Small molecules as anti-inflammatory agents: molecular mechanisms and heterocycles as inhibitors of signaling pathways	ChemistrySelect

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39	Dr.N. Jeelan Basha	Chemistry	Therapeutic efficacy of benzimidazole and its analogs: an update	Polycyclic Aromatic Compounds
40	Dr.Paramesh H	Biotechnology	Comparative analysis of acetylcholine esterase activity and isolation and characterization of acetylcholine esterase inhibitor from Indian medicinal plant and its application on human health	Journal of Hunan university
41	Dr.Paramesh Hanumanthaiah	Biotechnology	Educational awareness and knowledge concerning field of biotechnology among biotechnology students at Debre Birhan university, north Shewa, Ethiopia	Journal of Scientific and Technical Research
42	Dr.Prasanna Kumar S.	Chemistry	Li-ion spent carbon-loaded magnesium-zirconium hydroxide composite for adsorption of methylene blue: kinetics and isotherm modelling	Environmental Processes
43	Dr.Pushpa Reddy	Biochemistry	Lab grown meat: a low carbon and water footprint alternative	Kahaar
44	Dr.S Anu Kiruthika	Microbiology	Probiotics, prebiotics & synbiotics – impact on health	International Research Journal of Tamil
45	Dr.S Anu Kiruthika	Microbiology	Neuromicrobiology: alzheimer's disease and gut microflora	International Journal of Creative Research Thoughts
46	Dr.S. Maheswari	Microbiology	Effect of trehalose on growth and stress tolerance in crops by using bioinoculants	Sustainability, Agri, Food and Environmental Research

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47	Dr.S.Maheswari	Microbiology	Phytoremediation of outdoor air pollution – a list of plants and their contribution	GIS Science Journal
48	Dr.Sahithya K	Microbiology	Antimicrobial and environmental applications of inorganic nanoparticles synthesised from plants	J. Water Environ. Nanotechnol.
49	Dr.Sahithya K	Microbiology	Applications of Nanomaterials for Adsorptive and Catalytic Removal of Chemical Pesticides: An Overview	Asian Journal of Chemistry
50	Dr.Sahithya K, K.Karthika	Microbiology	Green Synthesis of silver Nanoparticles using Marine Sea Weed Acetabularia acetabulum and their activity as MMT-Ag Nanocomposites	Research J. Pharm. and Tech.
51	Dr.Sibi G	Biotechnology	Targets and mechanism of action of chemical constituents from plants with potential anti-leukemic activity	International Journal of Research in Pharmaceutical Sciences
52	Dr.Sibi G.	Biotechnology	Northeast india: a treasury of medicinal plants	Emergent Life Sciences Research
53	Dr.Srinidhi K. Parthasarathi	Business Administration	Vegetarian ethnic foods of south india: review on the influence of traditional knowledge	Journal of Ethnic Foods
54	Dr.Suma T K	Biochemistry	Detailed study of gut microbiome profiles of eisenia and perionyx species with respect to organic matter decay properties	International Journal of Advanced Biochemistry Research
55	Dr.T Srinivasa Rao	Computer Science	A Survey on Machine Learning in Wireless Sensor Networks	International Journal of All Research Education and Scientific Methods

S.No.	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal
56	Mr. Harish KR and Ranjith Kumar GS	Microbiology	Endophytic bacteria in stress tolerance of agricultural plants: diversity of microorganisms and molecular mechanisms	Recent Advances in Molecular Biology and Plant Physiology
57	Mr.Ashish G Wilson	Business Administration	Evaluation of Neeuro Marketting training workshop Using Kirkpatric's Model	International journal of research and analytical reviews
58	Mr.Ashrith Kumar A	Biochemistry	Effect of exogenous elicitors in enhancing the postharvest quality and antioxidant potential of spinacia oleracea cv. Pusa jyothi	Journal of Postharvest Technology
59	Mr.Harish K R, Ms.Pooja Pandey	Microbiology	Dietary synbiotic as a supplemental therapy to reduce cancer symptoms: a review	Bulletin of Environment, Pharmacology and Life Sciences
60	Mr.Mohamed Ahmed A	Business Administration	Debt's contribution to return on equity, a conceptual and empirical analysis	
61	Mr.O.M.J. Afzal Ahamed	Microbiology	Effect of exogenous elicitors in enhancing the postharvest quality and antioxidant potential of Spinacia oleracea cv. Pusa jyothi	Journal of Postharvest Technology
62	Mr.P.Rajarajan, Ms.Anjana J, Ms.Ayesha G, Ms.Bhanushree C, Ms.Koteshwari M, Mr.Prakash B, and Ms.Priyanshi singh.	Microbiology	Phytoremediation of outdoor air pollution – a list of plants and their contribution	GIS Science Journal
63	Mr.Risav Banerjee	Genetics	Inhibition of angiogenesis in the treatment of breast cancer	International Journal of Advanced Biochemistry Research

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64	Mr.Risav Banerjee	Genetics	Strategies for managing vaginal infection	London Journal of Medical and Health Research
65	Mr.Samrat Roychoudhury4	Biotechnology	Surveillance of sars-cov-2 rna in open-water sewage canals contaminated with untreated wastewater in resource-constrained regions	Access microbiology
66	Mr.Shashank	Microbiology	Plantibodies and their applications as biopharmaceuticals	Research Trends In Medical Sciences
67	Mr.Shashank V Kumar	Microbiology	Comparative study on the production, purification and immobilization of alkaline protease from Bacillus species present in soil rhizosphere	Applied Biological Research Journal
68	Mr.Sudhakar Malla	Biotechnology	Fish on the platter! Investigating the dietary habits of fishing cats (prionailurus viverrinus) in the godavari delta, india	BioRxiv
69	Mr.Sudhakar Malla	Biotechnology	Stable expression of helicobacter pylori caga oncoprotein in brinjal	BioRxiv
70	Mr.Sudhakar Malla	Biotechnology	Monitoring of defense enzymes (phenylalanine ammonia lyase and peroxidase) in magnaporthe oryzae infected leaves after treatment with green synthesized silver nanoparticles	Indian J of Pharmaceutical Education and Research
71	Ms. Abhilasa Bhattacharya	Microbiology	Neuromicrobiology: alzheimer's disease and gut microflora	International Journal of Creative Research Thoughts
72	Ms. Devika PR	Microbiology	Antimicrobial and environmental applications of inorganic nanoparticles synthesised from plants	J. Water Environ. Nanotechnol.

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73	Ms. Maria mendes	Commerce	The impact of institutional social responsibilities on higher educational institutions	International Journal of Advance and innovative research
74	Ms. Rituparna Sinha	Biotechnology	Northeast india: a treasury of medicinal plants	Emergent Life Sciences Research
75	Ms. Trisha Bhattacharya	Biotechnology	Strategies for managing vaginal infection	London Journal of Medical and Health Research
76	Ms.Abhilasa Bhattacharya	Microbiology	Probiotics, prebiotics & synbiotics – impact on health	International Research Journal of Tamil
77	Ms.Alice Sheba S	Microbiology	Evaluation of in vitro, anti-inflammatory and anti-oxidant activity on the aqueous and ethanolic extract of leaves of hygrophila balsamica	China Petroleum Processing and Petrochemical Technology
78	Ms.Asma Banu	Commerce	A study on the impact of financial literacy & financial inclusion on entrepreneurship intention among students in Bangalore	South India Journal Of Social Sciences
79	Ms.Asma Banu	Commerce	A study on the role of financial literacy on changing perception about fintech among women faculty at Bangalore	Rabindra Bharati Journal of Philosophy
80	Ms.Asma Banu	Commerce	Determinants Of Financial Well Being : A Quantitative Study Among Working Women In Higher Education At Bengaluru	Kanpur Philosopher Journal
81	Ms.Harshitha CK	Microbiology	Antimicrobial and environmental applications of inorganic nanoparticles synthesised from plants	J. Water Environ. Nanotechnol.

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82	Ms.Jinny John	English	Mahadevi varma narrative analysis in hindi literature.	Journal of Pharmaceutical Negative Results
83	Ms.Monisha Iyappan, Shashank V	Microbiology	Endophytic bacteria in stress tolerance of agricultural plants: diversity of microorganisms and molecular mechanisms	Recent Advances in Molecular Biology and Plant Physiology
84	Ms.Monisha Iyyappan	Microbiology	Plantibodies and their applications as biopharmaceuticals	Research Trends In Medical Sciences
85	Ms.Mouli T	Microbiology	Antimicrobial and environmental applications of inorganic nanoparticles synthesised from plants	J. Water Environ. Nanotechnol.
86	Ms.Nida Khan	Microbiology	Inhibition of angiogenesis in the treatment of breast cancer	International Journal of Advanced Biochemistry Research
87	Ms.Satayu Devi	Biotechnology	Northeast india: a treasury of medicinal plants	Emergent Life Sciences Research
88	Ms.Trisha Bhattacharya	Biotechnology	Degradation of synthetic polymers: microbial approach	Indian Journal of Microbiology Research
89	Mr.Sudhakar Malla, Lokesh S.	Biotechnology	Garlic Mediated Green Synthesis of Silver Nanoparticles as Antifungal Agents against <i>Magnaporthe oryzae</i>	Indian J of Pharmaceutical Education and Research
90	Ms.Parvathy J	Computer Scieene	FRMSDNET classifier for multimodal feature fusion biometric authentication	International Journal of Intelligent Systems and Applications in Engineering
91	Ms.Dilshad Begum.Golgeri M	Biochemistry	<i>Trichoderma Spp</i> - Applications for use in Gene cloning strategies for biological control of fungal phytopathogens in agriculture	International Journal of Research and Analytical reviews(IJRAR)

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92	Dr.Jeelan Basha N	Chemistry	Design, Spectral analysis, DFT calculations, antimicrobial, anti-TB, antioxidant activity and molecular docking studies of novel bis-benzoxazines with cytochrome c peroxidase	Journal of Molecular Structure
93	Dr.K. Shyamsunder	Chemistry	Naphtho[2,1-b]furan derived triazole-pyrimidines as highly potential InhA and Cytochrome c peroxidase inhibitors: Synthesis, DFT calculations, drug-likeness profile, molecular docking and dynamic studies	Journal of Molecular Structure
94	Dr.Parasuraman E	Physics	Effect of inter modal dispersion on modulational instability of optical soliton in Kundu–Eckhaus equation with the presence of SPM and XPM	Optik
95	Dr.Parasuraman E	Physics	Stability analysis and discrete breather dynamics in the microtubulin lattices	Chaos, Solitons & Fractals



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