FACULTY PROFILE

Name : **Dr. Chandrashekar S**
Designation : **Assistant Professor**
Department & Faculty : Biotechnology, Faculty of Science.
Qualification : **M.Sc., M.Phil., Ph.D.**
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Academic Qualifications			
Degree	**University**	**Specialization**	**Year of award/Passing**
Ph.D.	University of Mysore	Biotechnology	2015
M.Phil	Vinayaka Mission University	Biotechnology	2008
PG	University of Mysore	Biotechnology	2007
UG	University of Mysore	Biotechnology	2005

Professional Experience			
Position	**Institution**	**Duration**	**Level**
Assistant Professor	Davangere University, Department of Studies in Biotechnology	July 2019 to Till Date	PG
Assistant Professor	Yuvaraja's College, University of Mysore	October 2016 to July 2019	UG
Guest Faculty	Yuvaraja's College, University of Mysore	August 2015 to October 2016	UG
Guest Faculty	Maharani's Science College Mysore, University of Mysore	July 2015 to October 2016	UG
Lecturer	Sardavilas College, University of Mysore	February 2015 to April 2015	UG

Research Profile	
Areas of Research	Molecular Plant Pathogen Interactions
Keywords	Nanotechnology
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Scopus ID	**6603967552**
Web of Science ID	**RFS-9425-2026**
Vidwan ID	**238124**
Google Scholar	https://scholar.google.com/citations?hl=en&user=TYDrYk4AAAAJ
Research Gate	https://www.researchgate.net/profile/Chandrashekar-Srinivasa

Patents

Sl. No	Patent Title	Patent No.	Applicant	Year	Country
1	NMDA receptors antagonist from natural sources for Parkinson disease	202341055613	Dr. Chandrashekar S.	2023	India
2	An image processing device based on machine learning for plant disease identification	403229-001	Dr. Chandrashekar S.	2023	India
3	Fluorescent Probe and Preparation Method thereof for Detection of Cu (II) and Fe (III) Ions	202241003888	Dr. Chandrashekar S.	2022	India
4	Cysteine-Functionalized Gold Nanostructures as Chemical Sensor	202141036928	Dr. Chandrashekar S.	2021	India
5	Fluorescent Chemical Sensor and Preparation Method thereof for Detecting Cu (II) and Fe (III) Ions	202141041423	Dr. Chandrashekar S.	2021	India

RESEARCH PUBLICATIONS

Sl. No.	Authors	Year	Title	Journal / Publication Details
1.	Telugu Seetharam Deepak, Chaithra N, Anisha Jain, Ramya N N, Uzma Khanum, **Chandrashekar Srinivasa**, Chandan D, Bhargav Shreevatsa K S, Sharangouda S Patil,	2026	Specific Severity Patterns in Dengue Virus Infection: A Systematic Review and Meta-Analysis	*International Journal of Drug Delivery Technology (IJDDT)*, 16(2s): 456–464, 2026.

RESEARCH PUBLICATIONS				
	Chandan Shivamallu, S. M. Gopinath			
2.	Telugu Seetharam Deepak, P. Tamizharasi, Anisha Jain, Bhargav Shreevatsa, D. Chandan, **Chandrashekar Srinivasa**, Sharanagouda S. Patil, Chandan Shivamallu, S. M. Gopinath	2026	Phytochemicals Targeting the Dengue Virus Life Cycle: Molecular Mechanisms and Antiviral Evidence	*Journal of Pure and Applied Microbiology (JPAM)*, 20(2): 916–929, 2026. https://doi.org/10.22207/JPAM.20.2.23
3.	Deepthi Puttegowda, Lakshmi Jayaram, Deepashree Rajshekar, Stavelin Abhinandithe K, Sowjanya Pulipati, Maciej Przybyłek, **Chandrashekar Srinivasa**, Ramith Ramu, Mudassar Shahid	2026	Prevalence and antimicrobial resistance of *Acinetobacter baumannii* isolated from endotracheal aspirates in a tertiary-care intensive care unit from South India	*Frontiers in Microbiology*, Volume 17 – 2026. DOI: https://doi.org/10.3389/fmicb.2026.1784001
4.	Prajwal Bhanu, J Lakshmi, Gagan Deep VS, **Chandrashekar Srinivasa**, Ling Shing Wong, Ramith Ramu	2026	Draft genome sequence of *Lacticaseibacillus paracasei* isolated from fermented banana pseudostem: genomic insights into probiotic and anti-diabetic potential	*Data in Brief*, 2026. DOI: https://doi.org/10.1016/j.dib.2026.112574
5.	Lavanya Davangere Kumar, Poojitha Banuvalli Sridhara Setty, **Chandrashekar Srinivasa**, Bhargav Shreevatsa, Sharanagouda Patil, Chandan Shivamallu, Anil Kumar K M, Gopinath Shanbhog Mashewarappa	2025	An Insight into Bioactive Properties of Andrographis paniculata for Treating Urinary Tract Infection: An In-silico Approach	*European Journal of Clinical Pharmacy*, Volume 7, Issue 1, pp. 896–917, 2025. Published 25 December 2025.
6.	Neetha Raj Manjula, Lavanya Davangere Kumar, Poojitha B	2025	Computational Evaluation Of The Medicinal Properties	*Journal of Applied Bioanalysis*, Volume 11, No. 12s, December 2025,

RESEARCH PUBLICATIONS				
	Sridhara Setty, Kavana C P, Shamanth, Shuaib Pasha, **Chandrashekar Srinivasa**, Bhavana Harendra D Harishkumar, Chandan Dharmashekar, Vishwajit B Darekar, Ranganath Yadav H R, Chandan Shivamallu, Gopinath S M		Of Cladonia Furcata From The Western Ghats Of Karnataka	pp. 52–70. DOI: 10.53555/jab.v11si12.1651 . ISSN: 2405-710X.
7.	Sanjay S Majani, Pallavi Singh, Pallavi Kumari, Poojitha B Sridhara Setty, Chandan Shivamallu, **Chandrashekar Srinivasa**, Kasim Sakran Abass, Muzaffar Iqbal, Raghavendra G Amachawadi, Victor Stupin, Ekaterina Silina, Shiva Prasad Kollur	2025	Cerium oxide nanoparticles prepared through Bio-combustion using *Ficus carica* as effective antioxidant, anticancer and dye degrading agent	*Scientific Reports*, Volume 15, Article number: 30285 (2025). DOI: https://doi.org/10.1038/s41598-025-13914-3
8.	Shreevatsa, B., Nagaraj, A., Dharmashekara, C., Jain, A., Harendra, B., Siddalingegowda, S. V., Al-Mazroua, H. A., Ahmad, S. F., Prasad, S. K., **Srinivasa, C.**, Shivamallu, C., & Kollur, S. P.	2025	Exploring precision therapeutics: Computational design of antisense oligonucleotides targeting AXL gene transcripts in multiple sclerosis treatment management	*Frontiers in Chemistry*, 13, Article 1548269. DOI: https://doi.org/10.3389/fchem.2025.1548269
9.	Anisha Jain, Bhargav Shreevatsa, Saravanan Rajendrasozhan, Chandan Dharmashekar, Kuralayanapalya Puttahonnappa Suresh, Sharanagouda S Patil, Pranav Singh, Prashant Vishwanath, **Chandrashekar Srinivasa**, Shiva Prasad Kollur, Chandan Shivamallu	2024	Progression-free survival estimation of docetaxel-based second-line treatment for advanced non-small cell lung cancer: a pooled analysis from 18 randomized control trials	*Frontiers in Oncology*, Volume 14 – 2024. DOI: https://doi.org/10.3389/fonc.2024.1298786

RESEARCH PUBLICATIONS				
10.	Chaitra, N., Jain, A. S., Vaidya, G., Sahana, C., Pavithra, H. S., **Chandrashekar, S.**, Puttahonnappa, K. S., Patil, S. S., Bindya, S., Kollur, S. P., & Shivamallu, C.	2024	Progression-free survival estimation of docetaxel-based second-line treatment for advanced non-small cell lung cancer: A pooled analysis from 18 randomized control trials	*Front Oncol.* 2024 May 14;14:1298786. doi: 10.3389/fonc.2024.1298786. PMID: 38807763; PMCID: PMC11130461.
11.	Hindu, M., Harendra, B. H., Jain, A. S., **Srinivasa, C.**, Chandrappa, K. G., Shreevatsa, B., Pradeep, S., Dharmashekara, C., Kollur, S. P., Deepak, T. S., & Shivamallu, C.	2023	Computational approach assessing the antibacterial activity of *Acorus calamus* against *Helicobacter pylori*	*Letters in Applied NanoBioScience*, 12(4), 91. DOI: https://doi.org/10.33263/LIANBS124.091
12.	Mamathashree, M., Putta Kuralyanapalya, S., Honnappa, P., Indrabalan, S., Beelagi, M., Paramanandham, K., Krishnamoorthy, J., Siju, S., **Chandrashekar, S.**, Kollur, S. P., Achar, R. R., Prasad, A., Prasad, S., & Shivamallu, C.	2023	A new informatics framework for evaluating the codon usage metrics, evolutionary models and phylogeographic reconstruction of tomato yellow leaf curl virus (TYLCV) in different regions of Asian countries	*International Journal of Health and Allied Sciences*, 11. DOI: https://doi.org/10.55691/2278-344X.1016
13.	Shanbhog, P., Jagadish, Jain, A., Chandrappa, K., **Chandrashekar, S.**, Prasad, A., Bhargav, K. S., Pradeep, S., Dharmashekara, C., Kollur, S. P., & Shivamallu, C.	2023	*In silico* analysis of antibacterial activity of *Eclipta alba* against *Brucella melitensis*: A bioinformatics approach	*Letters in Applied NanoBioScience*, 12, 167. DOI: https://doi.org/10.33263/LIANBS124.167
14.	Reddy, P., Pradeep, S., Gopinath, S. M., Dharmashekara, C., G, D., Chakith, S. C., **Chandrashekar, S.**, Shati, A. A., Alfaifi, M. Y., Elbehairi, S. E. I., Achar, R. R., Silina, E., Stupin, V., Manturova, N., Shivamallu, C., & Kollur,	2023	Cell cycle arrest and apoptotic studies of *Terminalia chebula* against MCF-7 breast cancer line: An *in vitro* and *in silico* approach	*Frontiers in Oncology*. Advance online publication. DOI: https://doi.org/10.3389/fonc.2023.1221275

RESEARCH PUBLICATIONS				
	S. P.			
15.	Prakash, H. S., Kavitha, G. C., Taradale, A. A., Poornima, D., Babu, G. M., Pallavi, M., Nethravathi, A. M., **Chandrashekar, S.**, Shreevatsa, B., Ashwini, P., Kollur, S. P., & Shivamallu, C.	2023	"Management principles in agricultural activities"—A study with specific reference to paddy crop in southern part of Karnataka	*European Chemical Bulletin*, 12(S3), 5545–5558. DOI: https://doi.org/10.31838/ecb/2023.12.S3.821
16.	**Chandrashekar, S.**, Santosh Kumar, S. R., Pradeep, S., Prasad, S. K., Veerapur, R., Ansari, M. A., Alomary, M. N., Alghamdi, S., Almehmadi, M., Kavitha, G. C., Daphedar, A. B., Kakkalameli, S. B., Shivamallu, C., & Kollur, S. P.	2022	Eco-friendly synthesis of MnO_2 nanorods using *Gmelina arborea* fruit extract and its anticancer potency against MCF-7 breast cancer cell line	*International Journal of Nanomedicine*, 17, 901–907. DOI: https://doi.org/10.2147/IJN.S335848
17.	Shivalingaiah, Thoyojaksha, Pallavi K Shekar, Sushma Pradeep, Sai Chakith M R, Navyashree B, Dugganaboyana Guru Kumar, Girish MS, **Chandrashekar Srinivasa**, Shiva Prasad Kollur, Chandan Shivamallu	2022	Computational Approach In Search Of Therapeutic For Colorectal Cancer	*International Journal of Food and Nutritional Sciences (IJFANS)*, Volume 11, Special Issue 3, December 2022, pp. 4562 onward
18.	**Chandrashekar, S.**, Umesha, S., Pradeep, S., Ramu, R., Gopinath, S. M., Ansari, M. A., Alomary, M. N., Ali, A., Ahmad, W., Kollur, S. P., & Shivamallu, C.	2022	Salicylic acid-mediated enhancement of resistance in tomato plants against *Xanthomonas perforans*	*Saudi Journal of Biological Sciences*, 29(4), 2253–2261. DOI: https://doi.org/10.1016/j.sjbs.2022.02.004
19.	**Chandrashekar, S.**, Mellappa, G., Patil, S. M., Ramu, R., Shreevatsa, B., Dharmashekara, C., Kollur, S. P., Syed, A., &	2022	Plants and endophytes—A partnership for the coumarin production through the microbial	*Mycology*, 13(4), 243–256. DOI: https://doi.org/10.1080/21501203.2022.2027537

RESEARCH PUBLICATIONS				
	Shivamallu, C.		systems	
20.	**Chandrashekar, S.**, Pradeep, S., Patil, S. M., Ramu, R., Kollur, S. P., Prasad, S. K., & Shivamallu, C.	2022	Bioprospecting of lapachol producing endophytic fungi	*International Journal of Health and Allied Sciences*, 11, 90–95. DOI: https://doi.org/10.55691/2278-344X.1014
21.	Pradeep, S., Patil, S. M., Dharmashekara, C., Jain, A., Ramu, R., Shirahatti, P. S., Mandal, S. P., Reddy, P., **Chandrashekar, S.**, Patil, S. S., Ortega-Castro, J., Frau, J., Flores-Holguín, N., Shivamallu, C., Kollur, S. P., & Glossman-Mitnik, D.	2022	Molecular insights into the *in silico* discovery of corilagin from *Terminalia chebula* as a potential dual inhibitor of SARS-CoV-2 structural proteins	*Journal of Biomolecular Structure and Dynamics*. Advance online publication. DOI: https://doi.org/10.1080/07391102.2022.2158943
22.	Kole, P. B., Kollur, S. P., Revanasiddappa, H. D., Shivamallu, C., Costa, R. A., Junior, E. S. A., Anselmo, L. M., da Silva, J. N., **Chandrashekar, S.**, Syed, A., & Singh, F. V.	2022	Structural, electronic, vibrational and pharmacological investigations of highly functionalized diarylmethane molecules using DFT calculations, molecular dynamics and molecular docking	*Polycyclic Aromatic Compounds*. Advance online publication. DOI: https://doi.org/10.1080/10406638.2022.2041050
23.	Chaitra, N., Jain, A. S., Vaidya, G., Sahana, C., Pavithra, H. S., **Chandrashekar, S.**, Puttahonnappa, K. S., Patil, S. S., Bindya, S., Kollur, S. P., & Shivamallu, C.	2022	Progression-free survival estimation of docetaxel-based second-line treatment for advanced non-small cell lung cancer: A pooled analysis from 18 randomized control trials	*Oman Medical Journal*. DOI: https://doi.org/10.5001/omj.2022.94
24.	Nagaraju, C., Vaidya, G., Jain, A. S., Puthiyidath Nair, A., Chandrappa, S., **Chandrashekar, S.**, Puttahonnappa, K. S., Patil, S. S., Shivananda, B., Kollur, S. P., & Shivamallu, C.	2022	Overall survival prediction of docetaxel-based second-line treatment for advanced non-small cell lung cancer: A systematic review and meta-analysis	*Oman Medical Journal*, 37(5), e419. DOI: https://doi.org/10.5001/omj.2022.86

RESEARCH PUBLICATIONS				
25.	Badarinath Mahajanakatti, A., Deepak, T. S., Achar, R. R., Pradeep, S., Prasad, S. K., Narayanappa, R., Bhaskar, D., Shetty, S., Melappa, G., Chandramouli, L., Mazumdar, S., Silina, E., Stupin, V., **Chandrashekar, S.**, Shivamallu, C., & Kollur, S. P.	2022	Nanoconjugate synthesis of *Elaeocarpus ganitrus* and the assessment of its antimicrobial and antiproliferative properties	*Molecules*, 27(8), 2442. DOI: https://doi.org/10.3390/molecules27082442
26.	Kavitha, G. C., Poornima, D., Pallavi, M., Vyshali, V. M., Nethravathi, A. M., Shreevatsa, B., Kallimani, S., **Chandrashekar, S.**, Prasad, A., Reddy, P., Shivamallu, C., & Kollur, S. P.	2022	Phytochemical investigation and *in vitro* antioxidant potentials of *Adenocalymma alliaceum*	*NeuroQuantology*, 20(11), 7685–7695. DOI: https://doi.org/10.14704/nq.2022.20.11.NQ66765
27.	Kavitha, G. C., Pallavi, M., **Chandrashekar, S.**, Dharmashekara, C., Shreevatsa, B. K., Kollur, S. P., Shivamallu, C., Patil, S., & Ashwini, P.	2022	Evaluation of antimutagenic potential of *Chrozophora rottleri* against EMS induced mutagenicity in mice	*International Journal of Pharma and Bio Sciences*, 13(1), B125–B133. DOI: https://doi.org/10.22376/ijpbs.2022.13.1.B125-133
28.	Prajwal Bhanu, **Chandrashekar, S.**, Deepak, T. S., Vaidya, G., Pradeep, S., Thimmappa, D. S., Shreevatsa, B., Jain, A. S., Dharmashekara, C., Kollur, S. P., & Shivamallu, C.	2022	Identifying the lead molecule from *Carica papaya* using computer-aided drug design technique against *Streptococcus pneumoniae*	*NeuroQuantology*, 20(7), 2505–2513. DOI: https://doi.org/10.14704/nq.2022.20.7.NQ33324
29.	Shivalingaiah Thoyojaksha, Sai, M. R., Pradeep, S., Dugganaboyana, K., **Srinivasa Chandrashekar**, Kollur Shiva Prasad, & Shivamallu, C.	2022	*In silico* evaluation of anti-acne property of *Syzygium aromaticum*	*International Journal of Food and Nutritional Sciences*, 4577–4589
30.	Dharmashekara, C.,	2021	Virtual screening of	*Environmental Challenges*,

RESEARCH PUBLICATIONS				
	Pradeep, S., Prasad, S. K., Jain, A. S., Syed, A., Kollur, S. P., Patil, S. S., Beelagi, M. S., **Srinivasa, C.**, & Shivamallu, C.		potential phyto-candidates as therapeutic leads against SARS-CoV-2 infection	4, 100136. DOI: https://doi.org/10.1016/j.envc.2021.100136
31.	Anapalli Venkataravana, P., Santosh Kumar, S. R., Kuralayanapalya Puttahonnappa, S., Patil, S. S., Indrabalan, U. B., Sridevi, R., Santhebennur Jayappa, V., Kakkalameli, S. B., & **Srinivasa, C.**	2021	Regulated emergence of the African swine fever virus: B646L (p72) gene based Bayesian coalescent analysis	*International Journal of Life Science and Pharma Research*, 11(4), L1–L8. DOI: http://dx.doi.org/10.22376/ijpbs/lpr.2021.11.4.L1-L8
32.	Daphedar, A. B., Kakkalameli, S. B., Melappa, G., Taranath, T. C., **Srinivasa, C.**, Shivamallu, C., Syed, A., Marraiki, N., Elgorban, A. M., Veerapur, R., Patil, S. S., & Kollur, S. P.	2021	Genotoxic assay of silver and zinc oxide nanoparticles synthesized by leaf extract of *Garcinia livingstonei* T. Anderson: A comparative study	*Pharmacognosy Magazine*, 17(Suppl), S114–S121. DOI: https://doi.org/10.4103/pm.pm_536_20
33.	Beelagi, M. S., Bongale, M. M., Jain, A. S., Kollur, S. P., Patil, S. S., Mellappa, G., Dharmashekara, C., Ashwini, P., Triveni, R., Shivamallu, C., & **Srinivasa, C.**	2021	Molecular docking analysis of phytocompounds from *Acacia farnesiana* with protein targets linked to bronchitis	*Bioinformation*, 17(5), 557–567. DOI: https://doi.org/10.6026/97320630017557
34.	Vinay, S., Dharmashekara, C., P, S., Jain, A. S., Kollur, S. P., S, B., **Srinivasa, C.**, Patil, S. S., Prasad, A., & Shivamallu, C.	2021	*In silico* elucidation of *Abrus precatorius* phytochemical against diabetes mellitus	*Bulletin of Environment, Pharmacology and Life Sciences*, 10(4), 118–128
35.	Beelagi, M. S., Patil, S. S., Santhosh Kumar, S. R., Prasad, A., Suresh, K. P., Kollur, S. P., Indrabalan, U. B., Santhebennur Jayappa, V., Kakkalameli, S. B., **Srinivasa, C.**, & Shivamallu, C.	2021	Synonymous codon usage pattern among the S, M, and L segments in Crimean-Congo hemorrhagic fever causing virus	*Bioinformation*, 17(4), 479–491. DOI: https://doi.org/10.6026/97320630017479
36.	Kollur Prasad, Shivamallu,	2021	Schiff base ligands	*International Journal of*

RESEARCH PUBLICATIONS				
	C., Gopinath, S., **Srinivasa, C.**, Dharmashekara, C., Sushma, P., Jain, A., & Ashwini, P.		derived from 4-chloro-6-methylpyrimidin-2-amine: Chemical synthesis, bactericidal activity and molecular docking studies against targeted microbial pathogen	*Health & Allied Sciences*, 10(2), 157–166
37.	Beelagi, M. S., Indrabalan, U. B., Patil, S. S., Suresh, K. P., Kollur, S. P., Prasad, A., **Srinivasa, C.**, & Shivamallu, C.	2021	Insight of codon usage bias and evolutionary rate among the genes C, E, prM and NS5 of the Kyasanur Forest Disease virus	*International Journal of Research in Pharmaceutical Sciences*, 12(3), 1–19. DOI: https://doi.org/10.26452/ijrps.v12i3.4811
38.	Santosh Kumar, S. R., **Chandrashekar, S.**, Chandan, S., Kollur Shiva Prasad, & Krishna, V.	2021	Callus induction and shoot regeneration from the immature flower bud of *Caesalpinia bonducella* and its antileptospiral potential by *in vitro* and *in silico* analysis	*Pharmacognosy Magazine*, 17(Suppl), S38–S44
39.	Sridhara, P. B., Dharmashekara, C., **Srinivasa, C.**, Shivamallu, C., Kollur, S. P., Gopinath, S. M., et al.	2021	Isolation, characterization, and optimization of protease-producing bacterium *Bacillus thuringiensis* from paddy field soil	*Pharmacognosy Research*, 13(2), 89–95
40.	Kendaganna, P. H., Shruthi, G., Karunakar, P., Patil, S., Kollur, S. P., **Srinivasa, C.**, & Shivamallu, C.	2020	*In silico* study of ceftazidime and piperacillin against penicillin-binding protein 2, beta-lactamase (OXA-1 and SHV-28) of *Klebsiella pneumoniae* U25	*International Journal of Green Pharmacy*, 14(4), 403–414. https://www.greenpharmacy.info/index.php/ijgp/article/viewFile/2978/1144
41.	Malligere Ankegowda, V., Kollur, S. P., Prasad, S. K., Pradeep, S., Dhramashekara, C., Jain, A. S., Prasad, A.,	2020	Phyto-mediated synthesis of silver nanoparticles using *Terminalia chebula* fruit extract and	*Molecules*, 25(21), 5042. DOI: https://doi.org/10.3390/molecules25215042

RESEARCH PUBLICATIONS				
	Srinivasa, C., Sridhara Setty, P. B., Gopinath, S. M., Prasad, S. R., Bahkali, A. H., Syed, A., & Shivamallu, C.		evaluation of its cytotoxic and antimicrobial potential	
42.	Chandan, S., Umesha, S., Shiva Prasad, K., Balamurugan, V., **Chandrashekar, S.**, Santosh Kumar, S. R., Ramu, R., Shirahatti, P. S., Syed, A., & Elgorban, A. M.	2020	Potential antileptospiral constituents from *Phyllanthus amarus*	*Pharmacognosy Magazine*, 16(70), S371–S378. DOI: https://doi.org/10.4103/pm.pm_10_20
43.	Beelagi, M. S., Jain, A. S., Kollur, S. P., **Chandrashekar, S.**, Prasad, S. K., Malligere Ankegowda, V., & Shivamallu, C.	2020	Coronavirus disease (COVID-19) proteins and potential drugs: What we know so far [Review article]	*International Journal of Innovative Medicine and Health Science*, 12, 15–27
44.	Kollur Shiva Prasad, Prasad, S. K., Ansari, M. A., Alzohairy, M. A., Alomary, M. N., AlYahya, S., **Chandrashekar, S.**, Murali, M., Malligere Ankegowda, V., & Shivamallu, C.	2020	Tumoricidal and bactericidal properties of ZnONPs synthesized using *Cassia auriculata* leaf extract	*Biomolecules*, 10(7), 982. DOI: https://doi.org/10.3390/biom10070982
45.	Kollur Shiva Prasad, Pillai, R. R., Shivamallu, C., Prasad, S. K., Jain, A. S., Pradeep, S., Armakovic, S., Armakovic, S. J., **Chandrashekar, S.**, Kallimani, S., Amachawadi, R. G., Malligere Ankegowda, V., Marraiki, N., Elgorban, A. M., & Syed, A.	2020	Tumoricidal potential of novel amino 1,10-phenanthroline derived imine ligands: Chemical preparation, structure, and biological investigations	*Molecules*, 25(12), 2865. DOI: https://doi.org/10.3390/molecules25122865
46.	Prasad, A., Shruthi, G., Sushma, P., Jain, A. S., Chandan, D., Nagendra Prasad, M. N., Kollur, S. P., **Chandrashekar, S.**, &	2020	*Helicobacter pylori* infection: A bioinformatic approach	*International Journal of Pharmaceutical Sciences and Research*, 11(11), 1000–1015. DOI: https://doi.org/10.13040/IJ

RESEARCH PUBLICATIONS				
	Shivamallu, C.			PSR.0975-8232.11(11).1000-15
47.	Vinusha, H. M., Kollur, S. P., Ramu, R., Shirahatti, P. S., **Chandrashekar S.,** Nagendra Prasad, M. N., & Begum, M.	2020	Chemical synthesis, spectral characterization and biological investigations of novel triazole-based Schiff base ligand and its transition complexes	*Letters in Applied NanoBioScience*, 9(3), 1372–1388. DOI: https://doi.org/10.33263/LIANBS93.13721388
48.	Dharmashekara, C., Shivamallu, C., Pradeep, S., Jain, A. S., **Chandrashekar, S.**, Shiva Prasad, K., Ramu, R., & Patil, S. S.	2019	Screening of anti-hemolytic activity of phytochemicals of *Diospyros lotus* against hemolytic protein of *Leptospira interrogans* through molecular docking approach	*Journal of Veterinary Public Health*, 17(1), 34–39
49.	Vinusha, H. M., Kollur, S. P., Revanasiddappa, H. D., Ramu, R., Shirahatti, P. S., Nagendra Prasad, M. N., **Chandrashekar, S.**, & Beguma, M.	2019	Preparation, spectral characterization and biological applications of Schiff base ligand and its transition metal complexes	*Results in Chemistry*, 1, 1–8. DOI: https://doi.org/10.1016/j.rechem.2019.100012
50.	**Chandrashekar, S.**, Sowmya, K. K., Chandan, S., Shiva Prasad, K., Panduranga Murthy, G., & Shivalingaiah	2019	Partial purification and characterization of laccase from *Pleurotus ostreatus*	*International Research Journal of Commerce, Arts and Science*, 11(1)
51.	**Chandrashekar, S.**, Umesha, S., Chandan, S., & Shruthi, G.	2017	Detection and identification of *Xanthomonas perforans* by direct sequencing and *in silico* analysis of *hrpB* gene	*Indian Journal of Natural Sciences*, 7(40), 11952–11965
52.	Shruthi, G., Monisha, P. J., **Chandrashekar, S.**, Shiva Prasad, K., Nagendra Prasad, M. N., Prasad, A., & Chandan, S.	2017	Bactericidal property of *Clerodendrum paniculatum* and *Saraca asoka* against multidrug resistant bacteria, restoring the	*International Journal of Pharmaceutical Sciences and Research*, 8(9), 1000–1010

RESEARCH PUBLICATIONS				
			faith in herbal medicine	
53.	**Chandrashekar, S.**, & Umesha, S.	2014	2,6-Dichloroisonicotinic acid (INA) enhances the expression of defense genes in tomato seedlings against *Xanthomonas perforans*	*Physiological and Molecular Plant Pathology*, 86, 49–56. DOI: https://doi.org/10.1016/j.pmpp.2014.03.003
54.	Sharma, A., Suhas, R., Banu, S. H., **Chandrashekar, S.**, & Channe Gowda, D.	2014	Implications of N-capped urea/thiourea and C-capped 3-(1-piperazinyl)-1,2-benzisothiazole with bridging Gly-Val/Phe-Gly-Val-Pro as therapeutic targets	*European Journal of Medicinal Chemistry*, 87, 657–661. DOI: https://doi.org/10.1016/j.ejmech.2014.09.098
55.	Hariprasad, P., **Chandrashekar, S.**, Singh, S. B., & Niranjana, S. R.	2013	Mechanisms of plant growth promotion and disease suppression by *Pseudomonas aeruginosa* strain 2apa	*Journal of Basic Microbiology*, 1–10. DOI: https://doi.org/10.1002/jobm.201200491
56.	Suhas, R., **Chandrashekar, S.**, Anil, S. M., & Channe Gowda, D.	2013	Synthesis of quinazolinone conjugated shorter analogues of bactenecin 7 as potent antimicrobials	*Protein and Peptide Letters*, 20(2), 146–155. DOI: https://doi.org/10.2174/092986613804725235
57.	**Chandrashekar, S.**, Umesha, S., & Chandan, S.	2012	Molecular detection of plant pathogenic bacteria using polymerase chain reaction single-strand conformation polymorphism	*Acta Biochimica et Biophysica Sinica*, 44, 217–223. DOI: https://doi.org/10.1093/abbs/gmr129
58.	**Chandrashekar, S.**, & Umesha, S.	2012	Induction of antioxidant enzymes associated with bacterial spot pathogenesis in tomato	*International Journal of Food, Agriculture and Veterinary Sciences*, 2(2), 22–34
59.	Suhas, R., **Chandrashekar, S.**, &	2012	A new family of potent inhibitors of	*International Journal of Peptide Research and*

RESEARCH PUBLICATIONS				
	Channe Gowda, D.		microbes: Synthesis and conjugation of elastin-based peptides to piperazine derivative	*Therapeutics*, 18(2), 89–98. DOI: https://doi.org/10.1007/s10989-011-9282-8
60.	Suhas, R., **Chandrashekar, S.**, & Channe Gowda, D.	2012	Synthesis of ureido and thioureido derivatives of peptide conjugated heterocycles: A new class of promising antimicrobials	*European Journal of Medicinal Chemistry*, 48, 179–190. DOI: https://doi.org/10.1016/j.ejmech.2011.12.012
61.	Jayadevappa, H. P., Nagendrappa, G., Umesha, S., & **Chandrashekar, S.**	2012	Synthesis and antimicrobial study of N-[4-(2-piperidine-1-yl-ethoxy) phenyl] acetamide analogues	*Journal of Applied Pharmaceutical Science*, 2(3), 192–196. DOI: https://doi.org/10.7324/JAPS.2012.2331
62.	Jayadevappa, H. P., Nagendrappa, G., Umesha, S., & **Chandrashekar Srinivasa**	2012	Synthesis of novel 2-(4-(2-morpholinoethoxy) phenyl)-N-phenylacetamide analogues and their antimicrobial study	*Journal of Chemical Sciences*, 124, 1019–1023. DOI: https://doi.org/10.1007/s12039-012-0308-3
63.	Suhas, R., **Chandrashekar, S.**, & Channe Gowda, D.	2011	Synthesis of elastin-based peptides conjugated to benzisoxazole as a new class of potent antimicrobials: A novel approach to enhance biocompatibility	*European Journal of Medicinal Chemistry*, 46(2), 704–711. DOI: https://doi.org/10.1016/j.ejmech.2010.12.005
64.	Shiva Prasad, K., Shiva Kumar, L., Revanasiddappa, H. D., **Chandrashekar, S.**, & Vinay, K. V.	2011	DNA interaction studies, antimicrobial and anthelmintic activity of sulfonamides of 1,3-dioxolane and 3,4-dihydroquinolin-2(1H)-one analogues: Synthesis and characterization	*International Journal of Chemistry Research*, 2(1), 1–6. https://www.ijcr.info/index.php/journal/article/view/19

RESEARCH PUBLICATIONS				
65.	Shiva Prasad, K., Shiva Kumar, L., **Chandrashekar, S.**, Melvin, P., & Revanasiddappa, H. D.	2011	Oxovanadium complexes with bidentate N,O ligands: Synthesis, characterization, DNA binding, nuclease activity and antimicrobial studies	*Chemical Sciences Journal*, 12, 1–10. DOI: https://doi.org/10.4172/2150-3494.1000010
66.	Chandan, S., Umesha, S., Bhure, S. K., Haraprasad, N., & **Chandrashekar, S.**	2011	Development of PCR assay for targeting partial LipL21 and LipL41 gene of pathogenic leptospires	*Nepal Journal of Biotechnology*, 1(1), 22–30. DOI: https://doi.org/10.3126/njb.v1i1.4170
67.	Umesha, S., **Chandrashekar, S.**, & Chandan, S.	2011	Applications of PCR-SSCP to diagnosis of disease-causing microorganisms: A review	*Biotechnology: An Indian Journal*, 5(2), 100–107
68.	Chandan, S., Umesha, S., Haraprasad, N., & **Chandrashekar, S.**	2011	Variability of protein content and its role in kidney stone formation	*Biotechnology: An Indian Journal*, 5(1), 56–59. https://www.tsijournals.com/journals/archive/tsbt-volume-5-issue-1-year-2011.html
69.	**Chandrashekar, S.**, Umesha, S., Chethan Kumar, M., & Chandan, S.	2010	Inhibition of pro-oxidant induced DNA damage in isolated human peripheral lymphocytes by methanolic extract of Guduchi (*Tinospora cordifolia*) leaves	*International Journal of Pharma Sciences and Research*, 1(10), 454–459

BOOKS PUBLISHED						
Sl. No.	**Title of the Book**	**Authors**	**Year**	**Publisher**	**ISBN**	**Category**
1	**Transformative Impacts of Artificial Intelligence on Healthcare**	Chandan Shivamallu, Shiva Prasad Kollur, **Chandrashekar S**, and Sharanagouda S Patil	2025	**Deep Science Publishing**	978-93-7185-796-3	International
2	**Neuroinformatics:**	Dr. Bhargav Shreevatsa	2025	**Eliva Press**	978-	International

BOOKS PUBLISHED						
Sl. No.	**Title of the Book**	**Authors**	**Year**	**Publisher**	**ISBN**	**Category**
	Advances and Applications in Neuroscience Research	K.S., Dr. Shiva Prasad Kollur, **Dr. Chandrashekar Srinivasa**, and Dr. Chandan Shivamallu			99993-3-206-4	
3	**Drug Repurposing Approach for Non-Small Cell Lung Cancer Targeting MAPK Signaling Pathway**	Shiva Prasad Kollur, Anisha S Jain, **Chandrashekar Srinivasa**, and Chandan Shivamallu	2021	**Eliva Press**	978-1636484167	International
4	**Biochemical and Molecular Studies on *Xanthomonas axonopodis* pv. *vesicatoria* Pathogenesis in Tomato**	**Chandrashekar Srinivasa**, Chandan S, Shivaprasad K and Umesha S	2020	**IJMRA**	978-93-87176-81-2	National
5	**Molecular Diagnostics and Management of *Leptospira* Species**	Chandan S, **Chandrashekar Srinivasa** and Shivaprasad K	2020	**IJMRA**	978-93-87176-82-9	National
6	**Organic Ligands and Metal Coordination Compounds in Biological Applications**	Shivaprasad K, Chandan S, **Chandrashekar Srinivasa**, and Revanasiddappa H. D.	2020	**IJMRA**	9789387176836	National

BOOK CHAPTERS					
Sl. No.	**Authors**	**Year**	**Book Chapter**	**Publisher**	**ISBN**
1	Shuaib Pasha, Vijay Ramesh, Siddesh V Siddalingegowda, Anisha Jain, Chandan Dharmashekara, Shiva Prasad Kollur, Chandan Shivamallu, Sathyamurthy Srinivasa, **Chandrashekar Srinivasa**, Bhargav S	2025	**Genomic and Transcriptomic Analysis in Neurobiology**	Eliva Press Global Ltd., part of Eliva Press	978-99993-3-206-4

BOOK CHAPTERS					
2	Revanth HC, Shuaib Pasha, Shamanth D Harishkumar, Sathyamurthy Srinivasa, Shiva Prasad Kollur, Chandan Shivamallu, Meghashree Gangatikara, **Chandrashekar Srinivasa**, Bhargav Shreevatsa	2025	**Ethical Considerations and Future Directions in Neuro Bioinformatics**	Eliva Press Global Ltd., part of Eliva Press	978-99993-3-206-4
3	Sushma Pradep, Bhargav Shreevatsa, **Chandrashekar Srinivasa**, Pruthvish Reddy, Anisha S Jain, Shiva Prasad Kollur, Mahesh KP, Chandan Shivamallu, Sharanagouda S Patil	2024	**Physiological and Molecular Effect of Nanoparticles on Plants**	Iterative International Publishers	978-93-6252-310-5
4	Sushma Pradeep, Bhargav Shreevatsa, **Chandrashekar Srinivasa**, Pruthvish Reddy, Anisha S Jain, Shiva Prasad Kollur, Chethan I A, Sharanagouda S Patil, Mahesh KP, Chandan Shivamallu	2024	**Improvement of Plant Resistance to Pathogens by Overexpressing PR-Proteins**	Iterative International Publishers	978-93-6252-310-5
5	Sushma Pradeep, Bhargav Shreevatsa, **Chandrashekar Srinivasa**, Chandan Dharmashekar, Shiva Prasad Kollur, Sharanagouda S Patil, Mahesh KP, Chandan Shivamallu, Sharanagouda S Patil	2024	**Nanomedicines/Nano Drugs for the Treatment of Bacterial Diseases**	Iterative International Publishers	978-93-6252-310-5
6	Akash Patel, S. R. Santosh Kumar, **Chandrashekar Srinivasa**	2024	**Non-invasive Prenatal Detection of Fetal Sex and RhD Blood Type**	Springer	978-981-97-6401-3
7	Sowmya Kumar, **Chandrashekar Srinivasa**, Poojitha B Sridhara Setty, Shashanka K Prasad, Chandan Shivamallu, Shiva Prasad Kollur	2023	**Modulation Mechanism of Cellular Gene Expression by Nanoparticles**	SHINEEKS Publishers	978-1-63278-970-9
8	**Chandrashekar Srinivasa**, Chandan Shivamallu, Kollur Shiva Prasad, Santosh Kumar Shimoga, Rajanna, P.	2023	**Tracing Foodborne Pathogens Using Molecular-Based Approaches**	Apple Academic Press, Inc.	9781774910108

BOOK CHAPTERS					
	Ashwini, Murali Mahadevamurthy				
9	Santosh Kumar, ShimogaRajanna, Naveen Kumar, KudureJayanna, Manoj Manjunath Bongale, **Chandrashekar Srinivasa**	2023	**Role of Foodborne Pathogens and Microorganisms in Food Safety**	Apple Academic Press, Inc.	9781774910108
10	Shashank M. Patil, **Chandrashekar Srinivasa**, RamithRamu, Shiva Prasad Kollur, Suhas Ramesh and Chandan Shivamallu	2022	**SARS-CoV-2 genome sequencing and promising druggable targets**	Elsevier Inc.	9780323955782
11	H.M. Vinusha, Shiva Prasad Kollur, P. Sushma, Anisha Jain, Shashanka K. Prasad, Chandan Shivamallu, **Chandrashekar Srinivasa**, ChukwuebukaEgbuna and Kingsley C. Patrick-Iwuanyanwu	2022	**Potential drugs in SARS-CoV-2 treatment: key features and mechanisms of actions**	Elsevier Inc.	9780323955782
12	**Chandrashekar Srinivasa**, Chandan Shivamallu, SharadadeviKallimani, P. Sushma, Shiva Prasad Kollur, Prabhurajeshwar and S.M. Gopinath	2022	**Application of molecular docking and dynamicstools in SARS-CoV-2 drug design: Ligand-protein interaction studies**	Elsevier Inc.	9780323955782
13	Santosh Kumar ShimogaRajanna, Madhuri Adiga, G. C. Kavitha, **Chandrashekar Srinivasa**, Santosh Joshi and Vijay Avin Balaji Ragunathrao	2022	**Biotechnology in Medicine: Advances-I**	Springer	9783030985530
14	**Chandrashekar Srinivasa**, G. C. Kavitha, M. Pallavi, Chandan Shivamallu, P. Sushma, Shiva Prasad Kollur, Mohammed Aiyaz, Arun Kumar Shukla, M. Murali, and Mohammad Azam Ansari	2021	**Role of Viruses in Nanoparticles Synthesis**	Springer	9789811619229
15	M. Murali, Banu Naziya, S. Brijesh Singh, **Srinivasa Chandrashekar**, A. C. Udayashankar, and K. N.	2021	**Management of Plant Fungal Disease by Microbial Nanotechnology**	Springer	9789811619229

BOOK CHAPTERS					
	Amruthesh				
16	N.K. Hemanth Kumar, M. Murali, H.V. Girish, **Srinivasa Chandrashekar**, K.N. Amruthesh, M.Y. Sreenivasa and Shobha Jagannath	2021	**Impact of climate change on biodiversity and shift in major biomes**	Elsevier	9780128229286
17	Shiva Prasad Kollur, Anisha S Jain, Gayatri Vaidya, Poojitha B SridaraSetty, Shivalingaiah, Ashwini Prasad, Ravindra Veerapur, Veena MalligereAnkegowda, Asad Syed, Ali. H Bhakali, **Chandrashekar Srinivasa**, Sharanagouda Patil, Chandan Shivamallu	2021	**Drug Repurposing Approach for Non-Small Cell Lung Cancer Targeting MAPK Signaling Pathway**	Eliva Press	9781636484167
18	**Chandrashekar Srinivasa**, Shivamallu, C., Santhosh Kumar, S.R., Sushma, P., Kollur, S.P., Patel, Seema J. Patil, S.S., Suhas, R., Egbuna, C. and Tung, B.T.M.	2021	**Medicinal Potentials of Phytochemicals as a Source of Drugs for the Treatment of Onchocerciasis (River Blindness)**	John Wiley & Sons, Inc.	9781119616603
19	Chandan, D., Kollur, S.P., Prasad, S.K., **Chandrashekar Srinivasa**, Prabhurajeshwar, Gopinath, S.M., Egbuna, C. and Shivamallu, C.	2021	**Medicinal Potentials of Phytochemicals for the Management of Rabies**	John Wiley & Sons, Inc.	9781119616603
20	Shiva Prasad Kollur, Gayatri Vaidya, Shivalingaiah, **Chandrashekar Srinivasa**, Ravindra Veerapur, Asad Syed, Ali H. Bahkali, Chandan Shivamallu	2021	**Amino-1,10-phenanthroline derived imine ligands and their tumoricidal potential: chemical preparation, structure and biological investigations**	Innovare Academic Sciences Pvt Ltd.	9788192828671
21	Ashwini Prasad, P. Sushma, Anisha S. Jain, M. N. Nagendra Prasad, Shiva Prasad Kollur, **S. Chandrashekar**, D	2020	**Current approaches for diagnosis and treatment of *Helicobacter pylori***	Nova Science Publishers	978-1-53618-115-9

BOOK CHAPTERS					
	Chandan and Chandan Shivamallu				
22	**Chandrashekar Srinivasa**, Chandan S, Shivaprasad K and Umesha S	2020	**Biochemical and Molecular studies on *Xanthomonas axonopodis* pv. *vesicatoria* pathogenesis in tomato**	IJMRA Publications	978-93-87176-81-2
23	Chandan S, **Chandrashekar Srinivasa** and Shivaprasad K	2020	**Molecular Diagnostics and Management of *Leptospira* Species**	IJMRA Publications	978-93-87176-82-9
24	Shivaprasad K, Chandan S, **Chandrashekar Srinivasa**, and Revanasiddappa H. D.	2020	**Organic Ligands and Metal Coordination Compounds in Biological Applications**	IJMRA Publications	9789387176836

Sponsored Research				
Funding Agency	**Title**	**Amount**	**Status**	**PI/Co-PI**
UGC (University Grants Commission), Government of India, New Delhi	Elucidation of the molecular mechanism of lasso peptides xanthomonin I–III from *Xanthomonas* species inhibiting RNA biosynthesis	₹10,00,000 (10 Lakhs)	Ongoing	Principal Investigator (PI)

Student Mentorship and Supervision: Ph.D. Research Scholars		
Sl. No.	**Name of Research Scholar**	**Title of Research**
1	**Yadunandan**	Expression and Elucidation of Lasso Peptides from *Xanthomonas perforans* and *Xanthomonas citri* and Their Potential Role in Inhibition of RNA Biosynthesis
2	**Prajwal Bhanu R B**	Isolation and Characterization of Potential Probiotic Strains from Fermented *Banana Pseudostem* for Therapeutic Applications
3	**Pradeep M**	To Study Anti-Diabetic and Pharmacological Potential of Biogenic Nanoparticles: An *In Vivo* and *In Silico* Approach
4	**Bhagyashree O**	Evaluating the Efficacy of *Anacardium occidentale* on Dental Biofilm-Forming Cariogenic Bacteria and Its Utilization in Oral Hygiene

Academic Responsibilities (BOS, Academic Council, Syndicate, IQAC, NAAC, NIRF, Committees)					
Sl. No.	**Academic Responsibility / Position Held**	**Department / Institution / University**	**Role**	**From**	**To**
1	**BOS**	Davangere University	**Member**	2025	2028
2	**BOS**	St. Philomena's College, Mysore	**Member**	2026	2029
3	**BOE**	Davangere University	**Member**	—	—
4	**Local Inspection Committee (LIC)**	Davangere University	**Member**	13/12/2025	—
5	**Local Inspection Committee (LIC)**	Davangere University	**Member**	10/12/2024	—
6	**Local Inspection Committee (LIC)**	Bidar University	**External Member**	10/01/2026	13/01/2026
7	**Examination Squad Duty**	Davangere University	**Member**	18/06/2025	05/07/2025
8	**Board of Examination (BoE)**	Davangere University	**Member**	28/10/2025	28/10/2026
9	**Board of Examination (BoE)**	University of Mysore	**External Member**	2024	2025
10	**Board of Examination (BoE)**	Sri Krishnadevaraya University	**External Member**	2023	2024
11	**BOS**	JSS Arts, Commerce and Science College	**External Member**	2021	2024
12	**Doctoral Advisory Committee (DAC) / PhD Research Advisory Committee (RAC)**	JSS Academy of Higher Education & Research, Mysore	**External Member**	2019	Till date

Administrative Responsibilities (Director, Dean, Chairperson, Coordinator, Nodal Officer, Warde, etc)					
Sl. No	**Administrative Responsibility / Position Held**	**Department / Institution / University**	**Nature of Assignment (Permanent / Additional Charge / Nomination)**	**From**	**To**
1	**Member for NPTEL SWAYAM Program**	Biotechnology, Davangere University	**Additional Charge**	2020	Till date
2	**Member for Dr Babu Jagjivan ram studies and Research**	Biotechnology, Davangere University	**Additional Charge**	2025	Till date

Awards & Recognition					
Sl. No.	**Award / Honour / Recognition**	**Awarding Organization / Agency**	**Level**	**Year**	**Cash Award / Citation / Medal**
1	**Best Oral Presentation Award**	7th International Conference on "Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022), Goa, India	International	2022	Best Oral Presentation Award
2	**Certificate of Presentation**	7th International Conference on "Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development (OCAEBGD-2022), Goa, India	International	2022	Presentation Certificate
3	**UGC Ph.D. Research Fellowship**	University Grants Commission (UGC)	National	2013–January 2014	Research Fellowship
4	**Best Research Publication Award**	Vision Group of Science and Technology, Department of Biotechnology and Science & Technology, Government of Karnataka	State	2012–13	Best Research Publication Award

Awards & Recognition					
5	**Best Poster Presentation Award**	Eleventh All India Conference on Cytology and Genetics, Bangalore University	National	January 2012	Best Poster Presentation Award
6	**University Grant Commission (UGC) – Project Assistant**	University Grants Commission (UGC)	National	2009–2012	—

Membership in Professional Bodies				
Sl. No	**Name of the Professional Body / Society**	**Membership Category (Life / Annual / Fellow / Senior Member / Honorary)**	**From**	**National / International**
1	Indian Science Congress Association	Life Membership	2014 L27917	National
2	The Association of Food Scientists & Technologists	Life Membership	2020 AFST/LM/4-2020/DVGNG/3515	National

Extension & Outreach						
Sl. No	**Activity / Programme**	**Nature of Contribution (Coordinator / Convener / Resource Person / Expert / Volunteer / Consultant)**	**Organizing Institution / Agency**	**Level (University / State / National / International)**	**Date / Academic Year**	**Outcome / Impact**
1	National conference	Session chair	GM University	National	7/08/2026	Knowledge sharing

Expert Talks					
Sl. No	**Title of Lecture / Programme**	**Organizing Institution**	**Role (Keynote / Invited Speaker / Resource Person / Panel Expert)**	**Level (University / State / National / International)**	**Date**
1	Molecular Basis of Cellular check points	VSK University Ballari	**Invited Speaker**	**University**	24/07/2025

National and International Conferences:					
Sl. No.	**Authors**	**Year**	**Conference / Symposium / Event**	**Presentation / Participation Details**	**Venue**
1	**Chandrashekar, S.** and Umesha, S.	2014	Indian Science Congress Association, Bangalore Chapter and Department of Studies in Zoology, University of Mysore	*Salicylic acid regulates the defense transcripts in tomato upon infection with Xanthomonas perforans*. Poster presented from 3rd–5th January.	University of Mysore, Mysore, India
2	**Chandrashekar, S.** and Umesha, S.	2012	Eleventh All India Conference on Cytology and Genetics	*Induction of anti-oxidant enzyme associated with bacterial spot pathogenesis in tomato.* Poster presented from 23rd–25th January. **Awarded as the Best Poster.**	Bangalore University, Bangalore, India
3	**Chandrashekar, S.** and Umesha, S.	2012	National Conference on Biotechnology and Society	*Sensitive and specific detection of Xanthomonas axonopodis* pv. *vesicatoria by direct colony PCR*. Poster presented from 19th–20th April.	Kuvempu University, Shankaraghatta, India
4	**Chandrashekar, S.** and Umesha, S.	2011	World Congress on Biotechnology	*Development of PCR-SSCP technique to detect bacterial wilt pathogen of vegetables.*	Hyderabad, India

National and International Conferences:					
				Poster presented at the conference organized by Omics Group from 21st–23rd March.	
5	**Chandrashekar, S.** and Umesha, S.	2010	Dr. Norman E. Borlaug Commemoration National Conference on Plant Diversity and Plant Health	*Molecular characterization of Ralstonia solanacearum using Polymerase Chain Reaction-Single Strand Conformation Polymorphism Analysis.* Poster presented at the conference organized by the Department of Studies in Botany, University of Mysore, from 11th–12th March.	Mysore, India
6	**Chandrashekar, S.**	2009	National Symposium on "Integrated Approaches- In the Sustainable Management of Plant Diseases" and Indian Society of Mycology and Plant Pathology Zonal Meet (South) and National Symposium	Participated in the National Symposium organized by the University of Agricultural Sciences, Dharwad, and Indian Society of Mycology and Plant Pathology Zonal Meet (South) and National Symposium from 9th–10th October.	Mysore, India

Research Paper Presentation/ Chaired in Seminar:					
Sl. No.	**Year**	**Research Paper / Topic**	**Seminar / Conference / Event**	**Venue / Organizer**	**Date**
1	2020	**Role of Probiotics in Monitoring Human Health**	Karnataka Vaibhava, organized by Government of Karnataka in association with various universities	Haveri, Karnataka	17th–19th January 2020

Research Paper Presentation/ Chaired in Seminar:					
2	2019	Research Paper Presented at AICTE Sponsored National Conference on **Emerging Multi-disciplinary Trends in Biotechnology and Engineering: A Future Perspective**	AICTE Sponsored National Conference	Acharya Institute of Technology, Hesaraghatta Road, Bangalore	23rd–24th August 2019

Workshop and Training Programs					
Sl. No.	**Year**	**Workshop / Training Programme / Course**	**Organizing Institution / Organizer**	**Venue**	**Duration / Date**
1	2026	**UGC-Sponsored Interdisciplinary Refresher Course in Biological Sciences**	UGC-Malaviya Mission Teacher Training Centre, Karnataka University, Dharwad	Online	19.01.2026 – 31.01.2026
2	2024	**16th Refresher Course in Life Sciences**	University Grants Commission (UGC) Sponsored Refresher Course, University of Mysore	Online	22.02.2024 – 13.03.2024
3	2021	**Two Weeks Refresher Course on Life Sciences**	MHRD, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	—	1st–15th September 2021
4	2020	**12 Weeks MOOC/FDP NPTEL Online Certification Course**	NPTEL	Online	September–December 2020

Workshop and Training Programs					
5	2020	**Two Weeks Online Workshop: "Comprehensive e-Learning to e-Training Guide for Administrative Work"**	MHRD, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	Online	25th May–5th June 2020
6	2020	**Four Weeks Orientation Programme**	MHRD, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	—	4th June–1st July 2020
7	2020	**One Week Faculty Development Programme on "Open-Source Tools for Research"**	MHRD, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	—	8th–14th June 2020
8	2020	**E-Workshop on "Structure Based Ligand Drug Design"**	Department of Pharmaceutical Chemistry, JSS College of Pharmacy	Shivarathreeshwara Nagar, Mysuru	13th–14th July 2020
9	2020	**Faculty Development Programme**	Davangere University	Davangere University, Davangere	6th–13th January 2020
10	2019	**TEQIP III Initiative International Workshop on "Embracing Industry 4.0 Revolution – Bioimaging Trends and Applications in Life Sciences"**	Department of Biotechnology	Jayachamrajendra College of Engineering, Mysuru	23rd–25th October 2019

Workshop and Training Programs					
11	2019	**International Workshop on "Borderless Biology: From Basics to Business"**	Division of Biochemistry, School of Life Sciences, JSS AHER	JSS Academy of Higher Education and Research, Mysuru	18th–20th December 2019
12	2019	**National Training Programme on "The Issues and Policies Related to GMOs/GM Crops in India"**	Department of Science and Technology, Government of India, New Delhi; organized by Directorate of Research, GKVK	GKVK, Bangalore	9th–13th December 2019
13	2012	**DBT-Sponsored Training on Whole Genome Sequencing and Annotation**	Bioinformatics Centre, Indian Institute of Spices Research	Kozhikode	21st–25th February 2012
14	2006	**On-the-Job Training – "DNA Fingerprinting"**	Department of Plant Biotechnology, Government Biotech Park	Hulimavu, Bangalore	5 days, 12th–16th June 2006
15	2006	**Mammalian Cell Culture Workshop**	Institute of Bioinformatics and Applied Biotechnology (IBAB), under the guidance of Dr. Yathindra and Dr. S. Patole	Whitefield, Bangalore	4 days, 1st–4th February 2006

Online Certifications and Workshops (2020–2021)				
Sl. No.	**Year**	**Online Certification / Workshop / Programme**	**Organizing Institution / Organizer**	**Date / Duration**
1	2021	**Refresher Course on Life Sciences**	MHRD, Government of India	1st–15th September 2021
2	2020	**Comprehensive e-Learning to e-Training Guide for Administrative Work**	MHRD, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	25th May–5th June 2020
3	2020	**Structure Based Ligand Drug Design** – E-Workshop	JSS College of Pharmacy, Shivarathreeshwara Nagar, Mysuru	13th–14th July 2020
4	2020	**Faculty Development Programme**	Davangere University	6th–13th January 2020
5	2020	**Orientation Programme**	MHRD, Government of India	4th June–1st July 2020
6	2020	**Faculty Development Programme on "Open-Source Tools for Research"**	MHRD, Government of India	8th–14th June 2020
7	2020	**NPTEL Online Certification Courses** – Successfully completed 12-week MOOC/FDP	NPTEL	September–December 2020

Research Metrics (as on 08/10/2026)		
Sl. No.	**Publication Impact Indicator**	**Details**
1.	Total Research Publications	69
2.	Books Published	6
3.	Book Chapters Published	24
4.	Total Citations (Google Scholar)	1181
5.	**h-index (Google Scholar)**	20
6.	**i10-index (Google Scholar)**	25
7.	Patents Published	5
8.	Sponsored Research Projects Ongoing	1
9.	Ph.D. Scholars Guiding	4
10.	Research Awards / Honours	6

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