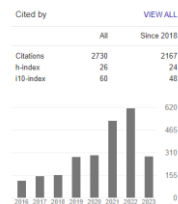


ACADEMIC BIO-DATA OF Dr. SRINIVAS CHOWDAPPA



Dr. Srinivas Chowdappa

- **Professor, Department of Microbiology & Biotechnology**

Address (Off):

- 1) **Registrar (Evaluation)**, Pariksha Bhavana Bangalore University, Jnana Bharathi Campus, Bangalore- 056,
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03. Educational Background:

Degree	Subject	University	Year	Class
Ph.D	Applied Botany	Mysore	2002	Not applicable
M. Phil	Seed Technology	Mysore	1991	First class (69%)
M.Sc	Botany (Microbiology & Aerobiology)	Mysore	1990	First class (60%)
B.Sc	CBZ	Mysore	1988	First class (68%)

04. Area of Specialization/Interest: Fungal Metabolites, Molecular Plant Pathology

05. Teaching & Research Experience: 26 Years

Sl. No.	Position	Year	Year of experience	University
1.	Registrar (Evaluation)	2023 February-Till date		Bangalore
2.	Director (UGC-HRDC)	2019 June -Till date	Four years	Bangalore
3.	Chairman	2020July -2022 July	2 years	Bangalore
4.	Professor	2013 June-Till date	09 years	Bangalore
5.	Associate Professor	2010 -2013	03Years	Bangalore
6.	Reader	2007-2010	03Years	Bangalore
7.	Lecturer (Senior Scale)	2004-2007	03 Years	Mysore
8.	Lecturer (Permanent)	1999-2004	05Years	Mysore
9.	Lecturer (Temporary)	1993-1999	06Years	Mysore
10.	Project Fellow	1992-1993	One year	CFT&RI

06. Research output:

Sl. No.		
a.	Number of Postdoctoral students supervised	02
b.	Number of Ph.D candidates successfully supervised	14
c.	Number of Ph.D candidates currently working	03
d.	Number of M. Phil candidates successfully completed	02
e.	Project work supervised by post-graduate students	
f.	M.Sc Bioscience	16
g.	M.Sc (Microbiology& Biotechnology)	60
h.	Publications: Articles in Journals	
	Research articles published at National journals	09
	Research articles published at international journals	57
i.	Book Chapters	17
		Total:83
H-index:26, i10-index:60		

07 (A) Publications in national journals:

1. **Srinivas, C.,** Niranjana, S.R., Kumar, L.P., and Shetty, H.S. **2002.** Improvement of Seed quality of Tomato using Biological Agents. Seed Tech News. 32(1): 251.
2. **Srinivas, C.,** Niranjana, S.R., and Shetty, H.S. **2005.** Effect of Bio-Agents and fungicides against *Phomopsis vexans* and on seed quality of Brinjal. Crop Improvement. Vol.32 (1): 95-101.
3. **Srinivas, C.,** Niranjana, S.R., and Shetty, H.S. **2005.** Field Survey and Estimation of Crop loss in Chilli (*Capsicum annum*) affected by *Colletotrichum capsici*. J. Basic Appl. Mycol. Vol.4 (I & II) 58-64.
4. **Srinivas, C.,** and Niranjana, S.R., **2005.** Effect of Bio-Agents against *Anthraco* and on Seed Quality of Chilli. National Journal of Life Sciences. Vol.2 (1&2)165-171.
5. **Srinivas, C.,** and Niranjana, S.R., **2006.** Effect of fungicides and bioagents against *Colletotrichum capsici* seed quality of chilli. Indian PhytoPathology. Vol. 59(1) 62-67.
6. **Srinivas, C.,** and Asha, B.B., **2008.** Biocontrol of Early Blight of Tomato by using *Pseudomonas fluorescens*, Journal of Ad. Plant Sci.21 (I) 55-59.
7. Narasimha Murthy, K., M. Malini., J. Savitha., and **Srinivas, C.,** 2012. Lactic acid bacteria (LAB) as plant growth promoting bacteria (PGPB) for the control of wilt of tomato caused by *Ralstonia solanacearum.*, Pest Management in Horticultural Ecosystems.18(1):60-65 **NAAS rating: 3.07**
8. G.N. Chaithra., B. Tambat., N.S. Prasanna., and **C. Srinivas.,** 2014. Demographic status of Midimaavu in Chikmagalur District, Central Western Ghats, India, Indian Forester.140 (11): 1131-1136.

9. D. Nirmaladevi., A. Ramesha., V. H. Sunitha., R.L. Babu., and **C. Srinivas.**, 2015. Antimicrobial and Cytotoxic Effects of the Bioactive Pigment Bikaverin Produced by *Fusarium oxysporum* f. sp. *lycopersici*. *J Mycol Plant Pathol.*n45(1)1 3-21.

07(B) Publications in international journals:

1. Balagangadharaswamy Shobha¹, Bagepalli Shivaram Ashwini², Mohammed Ghazwani³, Umme Hani³, Banan Atwah⁴, Maryam S. Alhumaidi⁵, Sumanth Basavaraju¹, **Srinivas Chowdappa**¹, Tekupalli Ravikiran¹, Shadma Wahab⁶, Wasim Ahmad⁷, Thimappa Ramachandrappa Lakshmeesha^{1*} and Mohammad Azam Ansari^{8,*} Trichoderma-Mediated ZnO Nanoparticles and Their Antibiofilm and Antibacterial Activities. *Fungi* **2023**, 9(2), 133; <https://doi.org/10.3390/jof9020133> (**Impact Factor: 5.724**)
2. Narasimha Murthy, K., Uday Shankar, A.C., De Britto, S., Lavanya, S.N., Abdelrahman, M., Soumya, K., Shetty, H.S., **Srinivas, C.** and Jogaiah, S., 2022. Chitosan and chitosan-derived nanoparticles modulate the enhanced immune response in tomato against bacterial wilt disease. *International Journal of Biological Macromolecules* **220** (2022) 223–237. (**Impact Factor: 8.025**)
3. Narasimha Murthy Konappa, Shreya M. Joshi, Nirmaladevi Dhamodaran, Soumya Krishnamurthy, Sumanth Basavaraju, **Srinivas Chowdappa**, and Sudisha Jogaiah. Greener synthesis of *Callicarpa tomentosa* routed zinc oxide nanoparticles and their mechanism behind antibacterial potential (2022). *Biomass Conversion and Biorefinery*. <https://doi.org/10.1007/s13399-022-03438-5> (**Impact Factor- 4.103**)
4. Konappa N, Uday Shankar AC, Dhamodaran N, Krishnamurthy S, Jagannath S, Uzma F, Pradeep CK, De Britto S, **Chowdappa S***, Jogaiah S. Ameliorated Antibacterial and Antioxidant Properties by *Trichoderma harzianum* Mediated Green Synthesis of Silver Nanoparticles. *Biomolecules*. 2021; 11(4):535. <https://doi.org/10.3390/biom11040535>. (**Impact Factor- 4.08**).
5. Nandini Boregowda, Sanjay C. Jogigowda, Gurulingaiah Bhavya, Channarayapatna Ramesh Sunilkumar, Nagaraja Geetha, Shashikant Shiddappa Udikeri, **Srinivas Chowdappa**, Muthusamy Govarthan, Sudisha Jogaiah. 2022. Recent advances in nano remediation Carving sustainable solution to clean-up polluted agriculture soils, *Environmental Pollution*, Volume 297, 118728, ISSN 0269-7491. <https://doi.org/10.1016/j.envpol.2021.118728>. (**Impact Factor- 9.988**).
6. Govindappa, M., Tejashree, S., Thanuja, V., Hemashekhar, B., **Srinivas, C.**, Nasif, O., & Raghavendra, V. B. (2021). Pomegranate fruit fleshy pericarp mediated silver nanoparticles possessing antimicrobial, antibiofilm formation, antioxidant, biocompatibility and anticancer activity. *Journal of Drug Delivery Science and Technology*, 61, 102289. (**Impact Factor- 2.734**).

7. Umadevi, U, Narasimha Murthy, K., Gayathri Devi, N. and **Srinivas, C.**, Isolation and identification of bacterial wilt causing *Ralstonia solanacearum* from groundnut (*Arachis hypogaea* L.). International Journal of Agricultural Technology 2021 Vol. 17(2):767-780.
8. Govindappa, M., Birawat, R. K., Akshatha, K., Raghavendra, V. B., Uzma, M., Sunayana, N., & Pugazhendhi, A. **Srinivas Chowdappa** (2021). In vitro therapeutic evaluation of nanoliposome loaded with Xyloglucans polysaccharides from Tamarindus flower extract. International Journal of Biological Macromolecules. (**Impact Factor- 5.162**)
9. Praveen N., Sheethal C. Gowda, K. Narasimha Murthy and **C. Srinivas.** (2022). Efficacy of chitosan nanoparticles against bacterial leaf blight of rice caused by *Xanthomonas oryzae* Pv. *oryzae*. **Mysore Journal of Agricultural Sciences.** 56 (3): 209-219
10. Balagangadharaswamy Shobha, Thimappa Ramachandrappa Lakshmeesha, Mohammad Azam Ansari, Ahmad Almatroudi, Mohammad A. Alzohairy, Sumanth Basavaraju, Ramesha Alurappa, Siddapura Ramachandrappa Niranjana and **Srinivas Chowdappa.** Mycosynthesis of ZnO Nanoparticles Using *Trichoderma* spp. Isolated from Rhizosphere Soils and Its Synergistic Antibacterial against *Xanthomonas oryzae* pv. *Oryzae*. 2020. Journal of Fungi, 6, 181; doi:10.3390/jof6030181(**Impact Factor- 4.7**)
11. Basavaraju Sumanth, Thimappa Ramachandrappa, Lakshmeesha, Mohammad Azam Ansari, Mohammad A Alzohairy, Arakere Chunchegowda Udayashankar, Balagangadharaswamy Shobha, Siddapura Ramachandrappa Niranjana, **Chowdappa Srinivas,** Ahmad Almatroudi. Mycogenic Synthesis of Extracellular Zinc Oxide Nanoparticles from *Xylaria acuta* and Its Nano antibiotic Potential. International Journal of Nanomedicine 2020:15 8519–8536. (**Impact Factor- 5.16**)
12. Balagangadharaswamy Shobha, Basavaraju Sumanth, **Chowdappa Srinivas.** 2020. Isolation and Identification of *Xanthomonas oryzae* pv. *oryzae* a Causative Organism for Bacterial Leaf Blight of Rice. Research Journal of Agricultural Sciences, An International Journal. 12(1): 27–31.
13. Shubha Jagannath, Narasimhamurthy Konappa, Arpitha Lokesh, Bhuvaneshwari, Tejaswini Dasegowda, Arakere C. Udayashankar, **Srinivas Chowdappa,** Maya Cheluviah, Praveen Satapute, Sudisha Jogaiah. 2020. Bioactive compounds guided diversity of endophytic fungi from *Baliospermum montanum* and their potential extracellular enzymes. Analytical Biochemistry 614 (2021) 114024. (**Impact Factor- 2.899**)
14. Narasimhamurthy Konappa, Arakere C. Udayashankar, Soumya Krishnamurthy, Chamanalli Kyathegowda Pradeep, **Srinivas Chowdappa,** Sudisha Jogaiah. 2020. GC–MS analysis of phytoconstituents from *Amomum nilgiricum* and molecular docking interactions

- of bioactive serverogenin acetate with target proteins. **Scientific Reports**. (2020) 10:16438. <https://doi.org/10.1038/s41598-020-73442-0>. (**Impact factor: 4.576**)
15. Narasimhamurthy Konappa, Soumya Krishnamurthy, Udayashankar C. Arakere, **Srinivas Chowdappa** and Niranjana Siddapura Ramachandrappa. Efficacy of indigenous plant growth promoting rhizobacteria and *Trichoderma* strains in eliciting resistance against bacterial wilt in tomato. *Egyptian Journal of Biological Pest Control*. (2020) 30:106. <https://doi.org/10.1186/s41938-020-00303-3> (**Impact Factor- 0.763**)
 16. **Srinivas Chowdappa**, Shubha Jagannath, Narasimhamurthy Konappa, Arakere C. Udayashankar, Sudisha Jogaiah. Detection and Characterization of Antibacterial Siderophore Secreted by Endophytic fungi from *Cymbidium aloifolium*. **Biomolecules** 2020, 10(10), 1412; <https://doi.org/10.3390/biom10101412> (**Impact Factor- 4.08**)
 17. **Narasimha Murthy Konappa**, Soumya Krishnamurthy, Srinivas Chowdappa and Niranjana Siddapura Ramachandrappa. 2019. Phytochemistry and antimicrobial activity of rhizome extracts of *Amomum nilgiricum* from the Western Ghats, India. **Journal of Herbs, Spices and Medicinal Plants**. 25(2):141–157. (**Impact Factor- 0.44**).
 18. Narasimhamurthy Konappa, Udayashankar C Arakere, Soumya Krishnamurthy, Kusuma Chathrapalya Gangadharaiyah, Vinod Gubbiveeranna, Nagaraju Shiviaha, **Srinivas Chowdappa** and Niranjana Siddapura Ramachandrappa. 2020. Evaluation of *in vitro* antioxidant, antidiabetic activities analysis from *Amomum nilgiricum* leaf extract. **Plant Science Today**. Vol 7(4): 1–11. <https://doi.org/10.14719/pst.2020.7.4.857>
 19. Shubha Jagannath, Narasimha Murthy Konappa, Ramesha Alurappa, **Srinivas Chowdappa**. 2019. Production, Characterization of Indole acetic acid and its bioactive potential from endophytic fungi of *Cymbidium aloifolium* L. *Journal of Biologically Active Products from Nature*. Pages 387-409
 20. Narasimha Murthy Konappa, Soumya Krishnamurthy, **Srinivas Chowdappa** and Niranjana Siddapura Ramachandrappa. 2019. Phytochemistry and antimicrobial activity of rhizome extracts of *Amomum nilgiricum* from the Western Ghats, India. *Journal of Herbs, Spices and Medicinal Plants*. 25(2):141–157. (**Impact Factor- 0.44**).
 21. Narasimha Murthy, K., Soumya, K., Chandranayaka, S., Niranjana, S.R., **Srinivas, C., 2018**. Evaluation of biological efficacy of *Trichoderma asperellum* against tomato bacterial wilt caused by *Ralstonia solanacearum*. *Egyptian Journal of Biological Pest Control*. 28:63. (**Impact Factor- 0.381**).

22. Narasimhamurthy K, Soumya K, A.C. Udayashankar, **C. Srinivas**, S.R. Niranjana. 2019. Elicitation of innate immunity in tomato by salicylic acid and *Amomum nilgircum* against *Ralstonia solanacearum*. Biocatalysis and Agricultural Biotechnology, 22 (2019) 101414. **(Impact Factor- 2.14)**.
23. **Srinivas, C.**, D. Nirmala, Devi, K. Narasimha Murthy, C.D. Mohan, B. Singh, N.K. Kalagatur, S.R. Niranjana, A. Hashem, A.A. Alqarawi, B. Tabassum, E. Abd_Allah, S. Chandra Nayaka. **2019**. *Fusarium oxysporum* f. sp. *lycopersici* causal agent of vascular wilt disease of tomato: Biology to diversity– A review. **Saudi Journal of Biological Sciences (2019)**, doi.org/10.1016/j.sjbs.2019.06.002. **(IF- 3.192)**.
24. Soumya, K., K. Narasimha Murthy, **C. Srinivas** and Niranjana, S.R. **2019**. Phylogenetic diversity analysis of *Ralstonia solanacearum*, *Pseudomonas fluorescens* and *Trichoderma asperellum* Isolated from tomato rhizosphere soil in Karnataka. International Journal of Current Microbiology and Applied Sciences. 8(03): 381-388. **(NAAS score 5.38)**.
25. Narasimha Murthy, K., K. Soumya, **C. Srinivas** and Niranjana, S.R. **2019**. Evaluation of *Carica papaya* leaf extracts for their efficacy on control of bacterial wilt of tomato caused by *Ralstonia solanacearum*. International Journal of Current Microbiology and Applied Sciences. 8(03): 366-380. **(NAAS score 5.38)**.
26. Fazilath Uzma, Chakrabhavi D. Mohan, Abeer Hashem, Narasimha Murthy Konappa, Shobith Rangappa, Praveen V. Kamath, Bhim P. Singh, Venkataramana Mudili, Vijai K. Gupta, Chandra N. Siddaiah, **Srinivas Chowdappa**, Abdulaziz A. Alqarawi and Elsayed F. Abd Allah. **2018** Endophytic Fungi—Alternative Sources of Cytotoxic Compounds: A Review. Frontiers in Pharmacology. 9:309. **(Impact Factor- 4.40)**.
27. Kumar, M. N., Babu, R. L., Patil, R. H., Kumar, K. K., Hegde, S. M., Nagesh, R., and **Srinivas, C***. (2018). Protein kinases orchestrate cell cycle regulators in differentiating BeWo choriocarcinoma cells. Molecular and cellular biochemistry, 1-15. **(IF- 2.561)**
28. Ramesha Alurappa and **Srinivas Chowdappa**. (2018). Antimicrobial activity and phytochemical analysis of endophytic fungal extracts isolated from ethno pharmaceutical plant *Rauwolfia tetraphylla* L. Journal of Pure and Applied Microbiology. 12(1), 317-332
29. Shubha J. and **Srinivas C.*** 2017. Diversity and extracellular enzymes of endophytic fungi associated with *Cymbidium aloifolium* L. African Journal of Biotechnology. Vol. 16(48), pp. 2248-2258.
30. Narasimha Murthy K., Fazilath Uzma, K. Soumya, **C. Srinivas**. 2017. Biocontrol of *Pseudomonas fluorescence* against *Ralstonia solanacearum* in tomato and its plant growth promoting effects. International Journal of Advanced Scientific Research and Publications (IJASRP). 3(1):01 -10.

31. Fazilath Uzma and **Srinivas Chowdappa**. (2017). Antimicrobial and Antioxidant Potential of endophytic fungi isolated from ethno medicinal plants of Western Ghats, Karnataka. *Journal of Pure and Applied Microbiology*. 11(2), 1009-1025
32. Narasimha Murthy Konappa., Malini Maria., Fazilath Uzma., Soumya Krishnamurthy., Siddaiah Chandra Nayaka., Siddapura Ramachandrappa Niranjana., **Srinivas Chowdappa**., Lactic acid bacteria mediated induction of defence enzymes to enhance the resistance in tomato against *Ralstonia solanacearum* causing bacterial wilt, *Scientia Horticulturae* 207 (2016) 183–192. (**I F: 1.8**).
33. Fazilath Uzma., Narasimha Murthy, K., and **C. Srinivas**., Optimization of physiological conditions for L-asparaginase production by endophytic fungi (*Fusarium solani*) isolated from *Tinospora cordifolia* (Willd.) Hook. F & Thomson. *European Journal of Experimental Biology*, 2016, 6(3):37-45.
34. Fazilath Uzma, Narasimha Murthy Konappa, **Srinivas Chowdappa**. **2016**. Diversity and extracellular enzyme activities of fungal endophytes isolated from medicinal plants of Western Ghats, Karnataka. *Egyptian Journal of Basic and Applied Sciences*. 3:335–342.
35. Shubha, J., **Srinivas Chowdappa**., Phytochemical analysis and Antibacterial activity of *Cymbidium aloifolium* L. a medicinal orchid from Western Ghats of Karnataka, India. *International Journal of Advanced Scientific Research and Publications*, V2-2, 19-23, (2016).
36. Narasimha Murthy K., M. Malini, K. Soumya, Fazilath Uzma, Savitha J, S.R Niranjana, **C. Srinivas**. **2016**. Characterization of bacteriocin from lactic acid bacteria and its antibacterial activity against *Ralstonia solanacearum* causing tomato wilt. *Plant Science Archives*. **1**(1):44–58.
37. D. Nirmaladevi., M. Venkataramana., Rakesh K. Srivastava., S. R. Uppalapati., Vijai Kumar Gupta., T. Yli-Mattila., K. M. Clement Tsui., **C. Srinivas**., S. R. Niranjana., Nayaka S. Chandra., 2016. Molecular phylogeny, pathogenicity and toxigenicity of *Fusarium oxysporum* f. sp. *Lycopersici*. *Scientific Reports*, 6:21367|DOI: 10.1038/srep21367 (**I F: 4.122**).
38. Narasimha Murthy. K and **Srinivas C**. 2015. Extraction and Characterization of Extracellular Polysaccharide from *Ralstonia Solanacearum* Causing Wilt of Tomato. *International Journal of Agricultural Science and Research*. Vol. 5, Issue 4, 81-92.
39. Narasimha Murthy. K., Soumya. K. and **Srinivas. C**. 2015. Antibacterial activity of *Curcuma longa* (Turmeric) Plant extracts against bacterial wilt of tomato caused by *Ralstonia solanacearum*. *International Journal of Science and Research*. 4(1): 2136- 2141.

40. Narasimha Murthy Konappa., Malini Maria., Savitha Janakiraman., Soumya Krishnamurthy., Siddapura Ramachandrappa Niranjana., and **Srinivas Chowdappa.**, *Lactobacillus paracasei* subsp. *tolerans* a Novel Bacteriocin Producing Bacteria for control of Tomato Bacterial Wilt. Journal of Pure and Applied Microbiology, 2015. Vol.9 (3), p. 2523-2532. **(IF:0.073)**.
41. Alurappa Ramesha., M. Venkataramana., Dhamodaran Nirmaladevi., Vijai K. Gupta., S. Chandranayaka., and **Chowdappa Srinivas.**, Cytotoxic effects of oosporein isolated from endophytic fungus *Cochliobolus kusanoi*. Front. Microbiol., 01 September 2015 <http://dx.doi.org/10.3389/fmicb.2015.00870>. **(IF:4.1)**.
42. Jayaraman Sembian Ruso., Nagappan Rajendiran., **Chowdappa Srinivas.**, Konappa Narasimha Murthy., and Krishnamurthy Soumya., Antimicrobial Activities of Novel 3-Substituted [1,2,4] Triazolo[4,3-b] pyridazines Derivatives. Journal of the Korean Chemical Society, 2014, Vol. 58, No. 4. **(IF:1.2)**.
43. Narasimha Murthy. K., Fazilath Uzma, Soumya. K and **Srinivas. C.** 2014. The efficiency of *Ocimum sanctum* L. leaf extracts against bacterial wilt of tomato caused by *Ralstonia solanacearum* in tomato. International Journal of Current Microbiology and Applied Sciences. 3(12):234-245.
44. Ramesha Alurappa., Madhusudhan Reddy., Muthukurpalya Bojegovda., Vijith Kumar., Naveen Kumar Mallesh., and **Srinivas Chowdappa.**, Characterization and bioactivity of Oosporein produced by endophytic fungus *Cochliobolus kusanoi* isolated from *Nerium oleander* 2014. L. Nat. Prod Res DOI: 10.1080/14786419.2014.924933 **(IF:1.2)**.
45. D. Nirmaladevi., M. Venkataramana., S. Chandranayaka., A. Ramesha., N. M. Jameel., and **C. Srinivas.**, Neuroprotective Effects of Bikaverin on H₂O₂-Induced Oxidative Stress mediated Neuronal Damage in SH-SY5Y Cell Line. Cell Mol Neurobiology (2014) 34:973–985. **(IF:2.5)**.
46. D. Nirmaladevi., M. Anil Kumar, and **C. Srinivas.**, Production and Characterization of Exopolysaccharide from *F. oxysporum* f. sp. *lycopersici*. Int J Pharm Bio Sci 2014 Jan; 5(1): (B) 666 – 675. **(IF:2.9)**.
47. K. Narasimha Murthy., Fazilath Uzma., and **C. Srinivas.**, Induction of systemic resistance by *Trichoderma asperellum* against bacterial wilt of tomato caused by *Ralstonia solanacearum*. International Journal of Advanced Research (2013), Volume 1, Issue 10, 181-194 **(IF:1.6)**.
48. Ramesha, A., and **Srinivas, C.**, Antimicrobial activity and phytochemical analysis of crude extracts of endophytic fungi isolated from *Plumeria acuminata* L. and *Plumeria obtusifolia* L. European Journal of Experimental Biology, 2014, 4(2):35-43.

49. Soumya, K., Narasimha Murthy, K., Sreelatha, G.L., **Srinivas, C.**, and Sharmila, T., Influence of growth factors on the pigmentation of *Chaetomium cupreum* SS-02 and the antibacterial efficacy of the pigment against *Ralstonia solanacearum*. International Journal of Advanced Research (2013), Volume 1, Issue 10, 212-219. **(I F:1.6)**.
50. Chithrashree, Narasimha Murthy, K., and **Srinivas, C.**, Phytochemical screening and *In vitro* assessment of antimicrobial and antioxidant potential of *Andrographis serpyllifolia* an endemic medicinal plant from South India. International Journal of Advanced Research (2014), Volume 2, Issue 2, 917-928 **(I F 1.6)**.
51. Narasimha Murthy, K., Nirmala Devi., D. and **Srinivas, C.**, Efficacy of *Trichoderma asperellum* against *Ralstonia solanacearum* under greenhouse conditions, Annals of Plant Sciences, 2013, 02 (09), 342-350.
52. V. H. Sunitha., D. Nirmala Devi., and **C. Srinivas.**, Extracellular Enzymatic activity of Endophytic fungal strains isolated from Medicinal plants. World Journal of Agricultural Sciences 9 (1): 01-09, 2013.
53. Ramesha., A, Sunitha, V.H., and **Srinivas, C.**, Antimicrobial Activity of Secondary Metabolites from Endophytic Fungi Isolated from *Nerium oleander* L., Int J Pharm Bio Sci 2013 Jan; 4(1): (B) 683-693 **(IF 2.9)**.
54. Nirmaladevi, D., and **Srinivas. C.**, Cultural, Morphological, and Pathogenicity Variation in *Fusarium oxysporum* f. sp. *lycopersici* causing wilt of Tomato. Batman University Journal of Life Sciences, Volume 2, Number 1 (2012).
55. Chithrashree, and **C. Srinivas.**, Role of antioxidant scavenging enzymes and extracellular polysaccharide in pathogenicity of rice bacterial blight pathogen *Xanthomonas oryzae* pv. *oryzae*. African Journal of Biotechnology Vol. 11(68), pp. 13186-13193, 2012. **(I F 0.5)**.
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57. Sunitha, V. H., Ramesha. A., Savitha, J., and **Srinivas, C.**, Amylase production by endophytic fungi *Cylindro cephalum* sp. isolated from medicinal plant *Alpinia calcarata* (Haw.) Roscoe. Brazilian Journal of Microbiology 43(3) (2012):1213-1221. **(IF 0.9)**.
58. Chithrashree., A.C. Udaya Shankar., S. Chandra Nayaka., M. S. Reddy., and **C. Srinivas.**, Plant growth-promoting rhizobacteria mediated induced systemic resistance in rice against bacterial leaf blight caused by *Xanthomonas oryzae* pv. *oryzae*, Biological Control 59(2011)114-122. **(IF 2.290)**.

59. Sunitha.V. Hegde., Ramesha., A. and **Srinivas., C.** 2011. Optimization of amylase production from an endophytic fungi *Discosia* sp. isolated from *Calophyllum inophyllum*. An International Journal of Agricultural Technology Vol.7 (3): 805-813. (**IF 0.115**).
60. Asha, B. B., Chandra Nayaka, S., Udaya Shankar, A.C., **Srinivas, C.**, Niranjana, S.R., 2011. Selection of effective bio-antagonistic bacteria for biological control of Tomato Wilt caused by *Fusarium oxysporum* f. sp. *lycopersici*. The Bioscan 6(2):239-244.
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7(C) Patents/Policy documents/Award/Fellowship

Sl. No.	Name of the patent	International/National	Document no.
1	Kojic acid from endophytic fungus <i>Lasiodiplodia theobromae</i> of <i>Piper nigrum</i> L.- method of extraction and purification	National	Application No. 202341002616A
2	Kojic acid from the endophytic fungus <i>Trichoderma virens</i> of <i>Piper nigrum</i> L.- method of extraction and purification	National	Application No. 202341002529A
3	Method for production and Characterization of oosporein from endophytic Fungus (<i>Cocoliobolus kusanoi</i>)	International	Application No. 2022/13756
4.	Novel ellagic acid and method of extraction and purification there off	National	Application No.202241066510A

Name of the award/fellowship/International/National/Agency

Sl. No.	3 rd South Asian Education awards (2018) -Research wing for Excellence in Professional Education & Industry.	National	EET CRS Research wing for Excellence in Professional Education & Industry, Research and Branding Company, Hyderabad.
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	Best Scientist Award (2016)	National	PEARL-A Foundation for Educational Excellence
	Elected as a Fellow by the Mycological Society of India-(MSI)-2018	National	Mycological Society of India

07(D) Book chapters published:

1. A. Ramesha, D. Nirmala Devi, Sunitha V. Hegde, and C. Srinivas. 2020. **Biotechnological approaches for the enhancement of anticancer secondary metabolite production from endophytic fungi.** New and Future Developments in Microbial Biotechnology and Bioengineering © 2020 Elsevier B.V. All rights reserved. <https://doi.org/10.1016/B978-0-12-821006-2.00011-X>
2. Narasimha Murthy K, Soumya K, Udayashankar AC, Niranjana SR and Srinivas C. 2020. **Beneficial Effects of Trichoderma on Plant–Pathogen Interactions: Understanding Mechanisms Underlying Genes.** C. Manoharachary et al. (eds.), Trichoderma: Agricultural Applications and Beyond, Soil Biology 61, DOI 10.1007/978-3-030-54758-5, ISBN: 978-3-030-54758-5. ISSN 1613-3382.
3. Narasimha Murthy Konappa, Soumya Krishnamurthy, Nirmala Devi, Udayashankar C Arakere, Srinivas Chowdappa, Roshan Akbarbasha, Niranjana Siddapura Ramachandrappa. 2020. **Nanofertilizers and Nanopesticides: Recent Trends, Future Prospects in Agriculture. Advances in Nano-Fertilizers and Nano-Pesticides in Agriculture.** <https://doi.org/10.1016/B978-0-12-820092-6.00012-4>. Imprint: Wood head Publishing, Paperback ISBN: 9780128200926
4. Narasimha Murthy K, Soumya K, Udayashankar AC, Srinivas C and Niranjana SR. 2020. **Opportunistic avirulent plant symbionts *Trichoderma*: exploring its potential against soil-borne phytopathogens.** Soil Biology, Vol. 61, Manoharachary et al. (Eds): Trichoderma: Agricultural Applications and Beyond, DOI10.1007/978-3-030-54758-5. ISBN: 978-3-030-54758-5. ISSN 1613-3382.
5. Narasimha Murthy, K., Soumya, K., Srinivas, C. and Niranjana, S.R. 2018. **Trichoderma as Biocontrol Agent: Mechanism and Sustainable Management of Phytopathogens.** Nova Science Publishers, INC. 400. Oser Avenue, Suite 1600, Hauppauge, NY 11788-3619, USA. ISBN: 978-1-53615-776-5. Pp. 103-140.
6. Soumya K, Narasimha Murthy K, Srinivas C and Niranjana S.R. 2018. **Role of Endophytes in Plant Growth Promotion and Disease Control.** Nova Science

Publishers, INC. 400 Oser Avenue, Suite 1600, Hauppauge, NY 11788-3619, USA. ISBN: 978-1-53615-776-5. Pp 217-260.

7. Narasimha Murthy, K. Soumya, A.C. Udayashankar, **C. Srinivas**, and Sudisha J. **2020**. **Biocontrol potential of plant growth-promoting rhizobacteria (PGPR) against *Ralstonia solanacearum*: Current and future prospects.** **Biocontrol Agents and Secondary Metabolites.** Wood head Publishing is an imprint of Elsevier, The Officers' Mess Business Centre, Royston Road, Duxford, CB22 4QH, United Kingdom, <https://doi.org/10.1016/B978-0-12-822919-4.00007-7>, ISBN: 978-0-12-822919-4, **153-170.**
8. Narasimha Murthy Konappa, Nirmaladevi Dhamodaran, Soumya Satyanand Shanbhag, Manjunatha A.S, Uday Shankar C Arakere, **Srinivas Chowdappa**. **2022**. Trichoderma: A Potential Biopesticide for Sustainable Management of Wilt Disease of Crops. Amitava Rakshit et al. (Eds): Biopesticides: Volume 2: Advances in Bio-Inoculants. <https://doi.org/10.1016/B978-0-12-823355-9.00003-1>. ISBN 9780128233559, Pp261-275. **Elsevier.**
9. Uday Shankar C Arakere, Shubha Jagannath, Soumya Krishnamurthy, **Srinivas Chowdappa**, and Narasimha Murthy Konappa* **2022**. Microbial bio-pesticide as a sustainable solution for management of pests: achievements and prospects. Amitava Rakshit et al. (Eds): Biopesticides: Volume 2: Advances in Bio-Inoculants. <https://doi.org/10.1016/B978-0-12-823355-9.00016-X>. ISBN 9780128233559, Pp183-200. **Elsevier.**
10. Narasimha Murthy K, Soumya K, **Srinivas C** and Uday Shankar AC, Sudish J. **2022**. Exploring the potential role of *Trichoderma* as friends of plant foes for bacterial plant pathogens. Amitava Rakshit et al. (Eds): Biopesticides: Volume 2: Advances in Bio-Inoculants. <https://doi.org/10.1016/B978-0-12-823355-9.00002-X>. ISBN 9780128233559, Pp383-399. **Elsevier.**
11. Fazilath Uzma and **Srinivas Chowdappa**. 2020. Endophytic Fungal Diversity in Selected Medicinal Plants of Western Ghats of India, Ethanopharmacology and diversity of medicinal plants, Apple Academic Press, CRC Press and Taylor & Francis Group 2020. Edited by Jayanta kumar patra, Gitishree das, Sanjeet kumar and Hrudayantha Thatoi.
12. **Endophytic Fungi: Promising Source of Novel Bioactive Compounds**, Fazilath Uzma, Chakrabhavi D. Mohan, Chandra N. Siddaiah and **Srinivas Chowdappa**. Springer Nature Switzerland AG 2019. B. P. Singh (ed.), *Advances in Endophytic Fungal Research*, Fungal Biology, <https://doi.org/10.1007/978-3-030-03589-1-12>.

13. **Endophytic Fungi and Bioactive Metabolites Production: An Update**
Ramesha Alurappa, **Srinivas Chowdappa**, Radhakrishnan Narayanaswamy,
Uma Rani Sinniah, Sudipta Kumar Mohanty and Mallappa Kumara Swamy. **2017**
Microbial biotechnology. Published by **Springer, Singapore Pte Ltd**.

14. **Plant Growth Promoting Rhizobacteria (PGPR) mediated plant disease resistance.**
Fazilath Uzma and **Srinivas Chowdappa**. **2017**. Agricultural Research Updates. Volume
18. **Nova Science publishers, New York, USA** edited by Prathamesh Gorawala and
Srushti Mandhatri. **ISBN: 978-1-53610-897-2**. Copyright © 2017 by Nova Science
Publishers, Inc.

15. **Pectinase-an important microbial biocatalyst and its industrial applications.**
Fazilath Uzma, Chandra Nayak S, Venkataramana M, Udayashankar AC, Raghavendra
MP, Girish K.S, and **Srinivas Chowdappa**. **2015**. Microbial Catalysis, published by
Springer, USA.

16. **Jasmonic Acid: Role in Plant Systemic Acquired Resistance (SAR).** PP 67-128,
Chithrashree and **C. Srinivas**. Jasmonic Acid-Biosynthesis, Functions and role in plant
development. Nova Science Publishers, Inc, New York, **Edited by: Lucille Morrison**
(ISBN: 978-1-63463-878-4). **2015**.

17. **Studies on Polygalacturonase production by *Fusarium oxysporum* f. sp. *lycopersici***
isolated from tomato plants (*Lycopersicon esculentum*): Nirmala Devi and **C.**
Srinivas. 213-220. Microbial Resources for Crop Improvement, Satish Serial Publishing
House (Ssph) Azadpur, Delhi, India. **(ISBN: 978-93-81226-39-1)**. **Edited by: Biswanath**
Chakarabarty and Usha Chakarabarty. **2013**.

18. **Selection of bioantagonistic *Pseudomonas fluorescens* for the biological control of**
***Fusarium oxysporum* f. sp. *lycopersici* causing wilt of tomato:** **C. Srinivas** and Nirmala
Devi. 145-156. Microbial Resources for Crop Improvement, Satish Serial Publishing House
(Ssph) Azadpur, Delhi, India **(ISBN: 978-93-81226-39-1)**, **Edited by: Biswanath**
Chakarabarty and Usha Chakarabarty. **2013**.

19. **Biocatalysis: An Overview-Lipases, Amidases and Peptidases,**
Chandra S. Nayaka, Arakere C. Udayashankar, Raghavendra M. Puttaswamy, Nagaraju
Shivaiah, Girish K. Subbaiah, **Srinivas Chowdappa**, Siddapura R. Niranjana and
Harischandra S. Prakash, pp. 85-108, Nova Science Publishers, Inc, New York, **Edited by:**
Vijaikumar Gupta, Maria G. Tuohy, Guarydutt Shrama and Smriti Gaur (ISBN:978-
1-63463-878-4). 2013- March.

20. **Microbial Synthesis of Polygalacturonases and its Industrial Applications** (Arakere C. Udayashankar, Chandra S. Nayaka, Nirmala Devi, Nagaraju Shivaiah, **Chowdappa Srinivas**, Siddapura R. Niranjana and Harischandra S. Prakash, pp. 125-152. **Edited by: Vijaikumar Gupta, Maria G. Tuohy, Guarydutt Shrama and Smriti Gaur (ISBN: 978-1-63463-878-4)** 2013- March.

- **Nucleotide Sequences of organisms submitted to Gene Bank (NCBI): More than 100 isolates** of microbial cultures of Fungal & Bacterial nucleotides were sequenced and submitted to Gene Bank of National Centre for Biotechnology Information (NCBI).

07(E) Books published:

1. K. Narasimha Murthy, K. Soumya, S.R Niranjana, **C. Srinivas.**, A.C. Udayashankar. 2018. Bacterial wilt of tomato. LAP Lambert Academic Publishing, ISBN-13: 978-613-9-94364-7
2. Narasimha Murthy K, Soumya K, Udayashankar AC, **Srinivas C** and Niranjana SR. 2019. Management of Bacterial Wilt Caused by *Ralstonia solanacearum*. LAP Lambert Academic Publishing, ISBN- 978-613-9-45727-4
3. Narasimha Murthy K, Soumya K, Udayashankar AC, **Srinivas C** and Niranjana SR. 2019. Eco-friendly and Sustainable management of *Ralstonia solanacearum*. LAP Lambert Academic Publishing, ISBN-978-613-9-47577-3
4. Narasimha Murthy K, Soumya K, Udayashankar AC, **Srinivas C** and Niranjana SR. 2019. Isolation and Identification, Characterization of *Ralstonia solanacearum*. LAP Lambert Academic Publishing, ISBN-978-620-0-31031-6

07 (F) National and International Conference, Seminar attended:

- 1) **Srinivas, C.**, Niranjana, S.R., and Shetty, H. S. "Biological control of seed-borne fungal pathogens of tomato". Symposium on Biocontrol-based Pest Management for Quality Crop Protection in the Current Millennium held at Punjab Agricultural University, Ludhiana from July 18-19, 2001.
- 2) **Srinivas, C.**, Niranjana, S.R., Kumar, L.P., and Shetty, H.S., Occurrence and control of seed-borne fungal pathogens of Tomato, Chilli and Brinjal held at Dept. of Applied Botany, University of Mysore, August 6-8, 2001.

- 3) **Srinivas, C.**, Niranjana, S.R., Kumar, L.P., and Shetty, H.S., "Effect of Biological and Chemical agents on seed quality and field emergence of tomato seeds". Asian Congress of Mycology and Plant Pathology held at the Department of Studies in Applied Botany, Seed Pathology and Biotechnology, University of Mysore, Mysore from October 1-4, 2002.
- 4) **Srinivas, C.**, Niranjana, S.R., Kumar, L.P., and Shetty, H.S., "Improvement of Seed Quality of Tomato using Biological Agents". XI National Seed Seminar on Quality Seed to Enhance Agriculture Profitability held at Department of Seed Science & Technology, University of Agricultural Sciences, Dharwad from January 18-20, 2002.
- 5) **Srinivas, C.**, Niranjana, S.R., Kumar, L.P., and Shetty, H.S., "Effect of Biological agents on seed quality and field emergence of tomato seeds". 90th Session of Indian Science Congress held at Bangalore University, Bangalore from January 3-7, 2003.
- 6) **Srinivas, C.**, Niranjana, S.R., Kumar, L.P., and Shetty, H.S., Effect of Chemical and Biological Agents against *Colletotrichum capsici* on seed quality of Chilli. 91ST Indian science congress held at Chandigarh from January 3-7, 2004.
- 7) **Srinivas, C.**, Niranjana, S.R., and Shetty, H.S., Effect of fungicides and Bioagents against *Alternaria solani* and on seed quality of tomato, held at Dept. of Applied Botany, Mysore University, Nov.4-7, 2004.
- 8) Asha, B.B and **Srinivas, C.**, Management of Fusarium wilt in tomato (*Lycopersicon esculentum* Mill.) by using *Pseudomonas fluorescens* held at Dept. of Applied Botany, University of Mysore, Nov.28-29, 2007.
- 9) **Srinivas, C.**, Evaluation of antibacterial activities of leaf, root extracts and their Phytochemical profiles of *Andrographis serpyllifolia* and *Coleus caninus* held at Dept. of Biotechnology, University of Mysore, Nov.17-19, 2008.
- 10) Sunitha, S., and **Srinivas, C.**, *In vitro* evaluation of the antimicrobial activity of endophytic fungi isolated from medicinal plants. "National Symposium on New Vistas for Mycology in Meeting Global Challenges" held at Center for Advanced Studies in Botany University of Madras, Guindy Campus, Chennai, January 29 & 30th2009.
- 11) **Srinivas, C.**, "Selection of bioantagonistic *P. flouescens* for the biological control of *F. oxysporum* f. sp. *Lycopersici* causing wilt of tomato" Indian Society of Mycology and Plant Pathology held at Department of Botany, University of North Bengal, Siliguri, West Bengal, from October 23-25, 2009.
- 12) **Srinivas, C.**, Nirmala Devi, D., and Anil Kumar, M., "Polygalacturonase from *Fusariumoxysporum* f. sp. *lycopersici* production, characterization and purification" British Society of Mycology, IMC9 The Biology of fungi, held in Edinburgh, United Kingdom from 1-6th August 2010.

- 13) Sunitha, S., Nirmala Devi, D., and **Srinivas, C.**, Screening for extracellular enzymes from endophytic fungal strains isolated from medicinal plants. National Seminar on Fungal Biodiversity & Bioprospecting in the age of Global Warming, held at the department of Botany, from October 29-30th 2009. Goa University, GOA.
- 14) Nirmala Devi, D., Anil Kumar, M., and **Srinivas, C.**, “Studies on Polygalacturonase from *F. oxysporum* f. sp *lycopersici* production and characterization” National seminar on Biodiversity for Human welfare held at Department of Microbiology, Mangalore University, Cauvery Campus, Madikeri, Kodagu, April.7-8th, 2010.
- 15) Nirmala Devi, D., Narasimha Murthy, K., and **Srinivas, C.**, “Cultural, morphological, and pathogenicity variation in *Fusarium oxysporum* sp. *lycopersici* causing wilt of tomato” 37th annual meeting of Mycological Society of India, Centre for Advanced Studies in Botany, University of Madras, Chennai, 8 to 9th February, 2011,
- 16) Narasimha Murthy, K., Nirmala Devi, D., and **Srinivas, C.**, “Isolation and characterization of *Ralstonia solanacearum* from wilted tomato plants.” CSIR National conference on “Dissecting complexities of plant biotechnology in the post-genomic era”, 21 Sept, 2011, Tumkur University, Tumkur.
- 17) Narasimha Murthy, K., and **Srinivas, C.**, Efficacy of Lactic Acid Bacteria in Biological Control against *Ralstonia solanacearum* for Protection of Tomato Plant. National conference on Biotechnology & Society (NCBS), 19- 20th April 2012, held in the Department of Biotechnology & Bioinformatics. Kuvempu University, Shimoga.
- 18) Chithrashree., A.C. Udayashankar., S. Chandra Nayaka., M.S. Reddy., **Srinivas, C.**, Plant growth-promoting rhizobacteria mediate induced systemic resistance in rice against bacterial leaf blight caused by *Xanthomonas oryzae* pv. *oryzae*. 3rd Global conference 10-13th January 2012, Rajasthan College of Agriculture, MPUAT, Udaipur, INDIA.
- 19) Narasimha Murthy, K., and **Srinivas, C.**, Lactic Acid Bacteria (LAB) as Plant Growth Promoting Bacteria (PGPB) in the control of wilt of tomato caused by *Ralstonia solanacearum*. IV National symposium on plant protection in horticultural crops: emerging challenges and sustainable pest management. 25-28 April 2012. IIHR, Bangalore.
- 20) **Srinivas, C.**, Characterization and bioactivity of bikaverin from *Fusarium oxysporum* f. sp. *lycopersici*. National Conference on Environmental Sciences and Health Hazards 19-21 Nov 2012, held at the Dept. of Microbiology and Biotechnology, Karnataka University, Dharwad.
- 21) Chithrashree., and **Srinivas, C.**, Role of antioxidant scavenging enzymes and extracellular polysaccharide in pathogenicity of rice bacterial blight pathogen *Xanthomonas oryzae* pv. *oryzae*. National Symposium on Blending Conventional and Modern Plant Pathology for Sustainable Agriculture, December 04-06, 2012 IIHR, Bangalore.

- 22) **Srinivas Chowdappa.**, Impact of Plant Growth Promoting Rhizobacteria (PGPR) on crop production. Two-day National Seminar on Applications of Biotechnology in Human welfare, March 28-29, 2014 held at Dept. of Microbiology, Davangere University, Davangere.
- 23) Fazilath Uzma., and **Srinivas Chowdappa.**, *In vitro* antimicrobial activity and phytochemical analysis of crude extracts of endophytic fungi isolated from selected medicinal plants. Two-day National Seminar on Applications of Biotechnology in Human welfare, March 28-29, 2014 held at Dept of Microbiology, Davanagere University, Davanagere.
- 24) Fazilath Uzma., and **Srinivas Chowdappa.**, Isolation, Identification and Screening of L-asparaginase producing endophytic fungi from the medicinal plant *Tinospora cordifolia*. National Symposium on Mycological Research- Emerging Trends, Applications and Prospects, February 23-24, 2015 held at Dept of Botany, Punjabi University, Patiala.
- 25) Fazilath Uzma., and **Srinivas Chowdappa.**, Screening and Optimization of Fermentation parameters for L-asparaginase production from the endophytic fungi of *Zingiber Officinale* Roscoe. Two-day NABS National Seminar on Biological Products for Crop, Animal and Human Health- Problems and Prospective held on August 21-22 2015 at the University of Mysore, Mysuru.
- 26) Fazilath Uzma., and **Srinivas Chowdappa.**, Screening for extracellular enzymes from endophytic fungi of medicinal plants. 103rd Session of Indian Science Congress, January 3-7, 2016 held at the University of Mysore, Mysuru.
- 27) Shubha, J., Kavitha, R., Ramyashree, S., Gayathri, M C., and **Srinivas, C.**, Extracellular enzymes from endophytic fungi of *Cymbidium aloifolium* from Western Ghats of Karnataka. 7th annual KSTA National conference February 5-6, 2015 held at Oxford College of Science, HSR Layout, Bangalore.
- 28) **Srinivas Chowdappa.**, Characterization and bioactivity of Oosporein produced by endophytic fungus *Cochliobolus kusanoi* isolated from *Nerium Oleander* L. National Symposium on Mycological Research- Emerging Trends, Applications and Prospects, February 23-24, 2015 held at Department of Botany, Punjabi University, Patiala.
- 29) **Srinivas Chowdappa.**, Endophytic fungi- A promising alternative source of Secondary metabolites. International Conference on bioactive chemicals for reproduction and Human Health, February 26-28, 2015 held at Dept. of Microbiology, Davangere University, Davangere.
- 30) **Srinivas Chowdappa.**, Plant-associated endophytic fungi are sources of potential bioactive compounds. September 29th -30th, 2015 held at the Department of Microbiology, Maharani's Science College for Women, Bengaluru.

- 31) **Srinivas Chowdappa.**, Evolving Trends and Challenges in Science Education. “Evolving Trends and Challenges in Science education and research- An Exploration”. January 29th and 30th, 2016 held at Basaveshwara College of Commerce, Arts and Science.
- 32) **Srinivas Chowdappa.**, Shivakumar Madagi and Ramesha C.K. Endophytic fungal bioactive compounds for the welfare of mankind. International Conference on Advances in Cellular, genomic and Epigenomic Insights on Environmental Mutagenesis and Health. January 27th to 29th, 2017 held at the School of Life Sciences, Manipal University, Manipal.
- 33) **Srinivas Chowdappa.**, Lactic acid bacteria mediated induction of defence enzymes to enhance the resistance in tomato against *Ralstonia solanacearum* causing bacterial wilt. National Conference on Biological Control: Integrating Recent advances in pest and Disease Management. February 9-11, 2017 held at Society for Biocontrol Advancement, Bengaluru.
- 34) **Srinivas C.** presented a paper titled “Evaluation and Optimization of Pectinase Production by Endophytic Fungi *Talaromyces* sp. isolated from *Calophyllum inophyllum*”, 5th Internal conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017) organized by Conference Info in association with Academic Science at Institution of Electronics and Telecommunication Engineers, Ganganagar, Bangalore, Karnataka, held on 26th November 2017.

07(G) Workshops Attended:

- 1) National Symposium on Innovations in Biotechnology: Entrepreneurial Opportunities & IPR, organized by Department of Microbiology & Biotechnology and VTU, Bangalore, October. 23-25, 2007.
- 2) "Workshop on Access to E-Resource for Teaching & Research" organized by Bangalore University, Jnana Bharathi Campus, Bangalore & Information library network (INFLIBNET), Ahmadabad, 28-29, April 2008.
- 3) Conference on Recent Trends in Genomics and Proteomics, organized by Indian Academy Degree College and Department of Microbiology and Biotechnology, Bangalore University, Bangalore, 26th and 27th May 2011.
- 4) National workshop on “Intellectual Property Rights” organized by University Law College and PG Department of Studies and Research in Law, Bangalore University, Bangalore and Karnataka State Council for Science and Technology, Bangalore on 13th April 2012.

07(H) Workshop/Seminars Conducted:

- 1) Organized as *Convener* DBT, CSIR and UGC, New Delhi Sponsored “**National Workshop on Microbial Biotechnology**” on PCR & Real-time PCR techniques in the department of Microbiology & Biotechnology, Bangalore University, Jnana Bharathi Campus, Bangalore-056, from 16-20th, Feb 2009.

- 2) Organized as *Secretary* a two-day workshop on the use of statistical software in biological research from 6-7th August, 2011 for Ph. D students of Bangalore University, Bangalore.
- 3) Organized a two-day seminar on “Microbial biotechnology” as Secretary on 28- 29th MAY 2012.
- 4) National Conference on “**Phytochemicals and Microbial Bioactive Compounds - Role in Agriculture and Human Welfare**” from 3rd- 4th October, 2019, sponsored by UGC, New Delhi.
- 5) Organized as coordinator two days National & International Webinar on 23rd - 25th JULY 2020.
- 6) A Webinar on “**Fungal metabolites as pharmaceuticals: Recent development**” organized by Bangalore University & Indian Association for Science Fiction Studies on 8 & 9th December 2020.
- 7) Organised as Chairman of the National Conference on “**Advances in Microbial Biotechnology: Current Trends and Future Prospects**” from 28th - 29th April, 2022, in Association with Microbiologists Society, India (MSI).

07(I) Scientific Session Chaired:

- 1) National Seminar on the current perspective of fungi in health care and environment (KAVAASTHA). Session IX Fungi in health care. Department of Microbiology & Biotechnology, Bangalore University, Jnana Bharathi campus, Bangalore. March 13-14, 2013.
- 2) National workshop on the application of Bioinformatics tools in biological sciences. Scientific Session-II. PG Department of Studies in Biotechnology and Microbiology.
- 3) National symposium on conventional and biotechnological perspectives of understanding the behaviour of living organisms and 37th annual meeting of the Ethological Society of India. Scientific Session II. PG Department of Studies in Biotechnology and Microbiology Karnatak University, Dharwad. November 15-16, 2013.
- 4) National Conference on Secondary metabolites of endophytic fungi/ medicinal plants and their anticancer properties (SMEFAP) as a resource person and presented a paper entitled “Endophytic fungi-A promising alternative source of secondary metabolites”. Department of Microbiology & Biotechnology, Bangalore University, Jnana Bharathi Campus, Bangalore. March 5th and 6th 2015.

- 5) “Science and Technology for Future of Humanity”, 10th Annual conference organized by KSTA and REVA University, Rukmini Knowledge Park, Kattigenahalli, Yelahanka, held on 18th and 19th, January 2018.
- 6) Second National Conference on Biotechnological Solutions for Sustainable Environmental Management held at Dept. of Studies and Research in Environmental Science, Tumkur University, Tumkur on February 15th, 2018.
- 7) Session III: PGPR in Stress Tolerance and omics advances in PGPR research (STO) 5th National Asian PGPR Conference for Sustainable and Organic Agriculture Eco-friendly Bio-Innovations for Integrated Crop Management, Soil Health and Environment 23-25 February 2019. Organized by the Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur, Andhra Pradesh & India Chapter of Asian PGPR Society
- 8) National Conference on “Phytochemicals and Microbial Bioactive Compounds - Role in Agriculture and Human Welfare” from 3rd– 4th October 2019, sponsored by UGC, New Delhi organised by the Department of Microbiology & Biotechnology, Bangalore University.

08. Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference Proceedings.

Sl. No.	The title of the Paper presented	Title of Conference/ Seminar, month, and year	Organizer	Level
1	Chaired the session	62 nd Annual Conference of Association of Microbiologists of India (AMI) September 2022	University of Mysore, Mysore	International
2	Evaluation of bioactive Metabolites of endophytic Fungus <i>Fusarium solani</i> obtained from the medicinal plant <i>Tinospora cordifolia</i> from the western ghats of Karnataka	Recent Advances in Biodiversity, Biology, and Biotechnology of Fungi November 2019	46 th annual meeting of the Mycological Society of India Pondicherry University, Pondicherry	National
3	PGPR in Stress Tolerance and omics advances in PGPR Research (STO) 2019	National Asian PGPR Conference for Sustainable and Organic Agriculture Eco-friendly Bio-Innovations for Integrated Crop Management, Soil Health, and Environment	Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur, Andhra Pradesh & India Chapter of Asian	National

			PGPR Society	
4	Medicinal Plants Associated Endophytic A source of Bioactive compounds	International Symposium on Fungal Biology; Advances, Applications and Conservation (INSFB) November 2018	45 th annual meeting of the Mycological Society of India Pune	National
5	Chaired the session	Biotechnological Solutions for Sustainable Environmental Management February 2018	Tumkur University, Tumkur	National
6	Biotechnological Solutions for Sustainable Environmental Management, on February 15th, 2018.	Second National Conference held at Dept. of Studies and Research in Environmental Science	Tumkur University, Tumkur	National
7	Science and Technology for Future of Humanity. 2018.	10 th Annual Conference organized by	KSTA and REVA University	National
8	Medicinal plants-associated endophytic fungi: a source of potential bioactive compounds. 2018	International Symposium on Fungal Biology: Advances, Applications and Conservation & 45 Annual Meeting of the Mycological Society of India	National Fungal Culture Collection of India (NFCCI) DST - National Facility	National
9	Evaluation and Optimization of Pectinase Production by Endophytic Fungi <i>Talaromyces</i> sp. isolated from <i>Calophyllum inophyllum</i> ", 2017.	5 th Internal Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017)	Institution of Electronics and Telecommunication Engineers, Ganganagar, Bangalore	National
10	Advances in cellular, Genomic, and epigenomic insights on environmental Mutagenesis and Health	41 st Annual Meeting of Environmental Mutagen Society of India (EMSI) January 2017	Manipal University, Manipal, India	International

11	Evaluation and Optimization of Pectinase Production by Endophytic Fungi <i>Taloromyces</i> sp. Isolated from <i>Calophyllum inophyllum</i>	5 th international conference on Advancement in Engineering, Applied Science and Management (ICAEASM) 26 th November 2017	Conference Info in Association with Academic Science at an institution of Electronics and Telecommunication Engineers, Bangalore	International
12	Lactic acid bacteria mediated induction of Defence Enzymes to enhance the resistance in tomato against <i>Ralstonia Solanacearum</i> causing Bacterial wilt	National Conference on biological control: Integrating Recent Advances in Pest and Disease Management on 9-11 February 2017	Society for Biocontrol Advancement Bengaluru	National
13	Characterization and Bioactivity of Oosporein Produced by Endophytic Fungus <i>Cochliobolus Kusanoi</i> Isolated from Nerium Oleander. L	National Symposium on Mycological Research-Emerging Trends, Applications, and Prospects February 23-24, 2015	41 st annual meeting of the Mycological Society of India Punjab University, Patiala	National
14	Plant-Associated Endophytic Fungi are sources of Potential Bioactive Compounds	New Approaches and Concepts in Microbial Biotechnology 29-30 th September 2015	Maharani's Science College for Women, Bengaluru	National
15	Impact of Plant Growth Promoting Rhizobacteria (PGPR) on crop production	"Applications of biotechnology In Human Welfare" 28-29 th March 2014	Department of Studies in Microbiology, Davangere University, Davangere	National
16	Chaired the session "Fungi and health care"	National Seminar on Current Perspectives of Fungi in Health Care and Environment (Kavaastha) 13 th and 14 th March 2013	39 th Annual Meeting of Mycological Society of India	National
17	Chaired the session	National workshop on application of bioinformatics tools in biological sciences. 30 March 2013	Under the DBT-BIF Programme Department of Biotechnology, New Delhi Department of Biotechnology and Microbiology, Karnatak University,	National

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09. Sponsored Project handled as Principal Investigator (PI)/ Co-Co-Principal Investigator (Co-PI):-

Completed projects:

- **Principle Investigator-UGC-** Molecular characterization of *Fusarium oxysporum* sp. *lycopersici* causing wilt of tomato, **Amount: 11,65,000=00**
- **Principle Investigator-BUB-**Production and Characterization of Polygalacturonase from *Fusariumoxysporum* f. sp. *lycopersici* causing wilt of tomato, **Amount: 1,00,000=00**
- **Co-Principle Investigator-DST-** Studies on Hyaluronan-Hyaluronan Binding protein interactions: A potential Prognostic marker for risk assessments of patients with pre and progressive malignant cervical lesions, **Amount: 21,00,000=00**
- **Co-ordinator, UGC-SAP-II (2018-2022), Amount: 85,0000=00, sanctioned by UGC, New Delhi**

10. Memberships in professional organizations/Associations:

- 1) Indian Society of Mycology and Plant Pathology, Udaipur, Rajasthan (Life member)
- 2) Society of Biological Chemists, Indian Institute of Science, Bangalore (Life member)
- 3) The Indian Science Congress Association, Kolkata, West Bengal (Life member)
- 4) National Academy of Biological Sciences, Chennai, Tamil Nadu (Life member)
- 5) Mycological Society of India, Chennai, Tamil Nadu (Life member)
- 6) Indian Phytopathological Society, Pusa Campus, New Delhi (Life member)
- 7) Asian PGPR Society for Sustainable Agriculture, Hyderabad, Telangana (Life member)
- 8) Microbiologists Society, India, Osmanabad, Maharashtra, India (Life member)
- 9) Association of Microbiologists of India (AMI), Pusa Campus, New Delhi (Life member)

11. Recognitions and Positions:

• **Positions held in administration:**

- a) Faculty advisor, University of Mysore, Post-Graduate Centre, Hemangothri, Hassan (1999-2003)
- b) Course Co-ordinator, Department of Bioscience, PG Centre, University of Mysore Hemangothri, Hassan, from 17-01-2006 to 22-06-2007.
- c) Director, HRDC (Human Resources Development Centre), Bangalore University, Bangalore-056, from 2019 till date.
- d) Chairman, Department of Microbiology & Biotechnology, Bangalore University from 2020 to till date.
- e) Director, HRDC (Human Resources Development Centre), Bangalore University, Bangalore, from 2019-till date.

- f) Registrar (Evaluation), Pariksha Bhavana Bangalore University, Jnana Bharathi Campus, Bangalore- 056, from February 2023-till date.

12. Programmes conducted as a Director (UGC-HRDC) for the academic year 2019-2020

I. Orientation Programmes

Sl. No.	Programme	Schedule
1	Orientation Programme	06/06/2019 to 26/06/2019
2	Orientation Programme	15/07/2019 to 03/08/2019
3	Orientation Programme	16/09/2019 to 01/10/2019
4	Orientation Programme	06/01/2020 to 27/01/2020

II. Refresher Courses

Sl. No.	Courses	
1	Economics	06/06/2019 to 19/06/2019
2	English	15/07/2019 to 27/07/2019
3	Mathematics	19/08/2019 to 31/08/2019
4	Kannada	12/09/2019 to 25/09/2019
5	Law and Human Rights (ID)	14/09/2019 to 26/09/2019
6	Commerce and Management	18/11/2019 to 30/11/2019
7	Media and Development (ID)	18/11/2019 to 30/11/2019
8	Information and Communication Technology (ID)	02/12/2019 to 14/12/2019
9	Teacher Education (ID)	02/12/2019 to 14/12/2019
10	Life sciences (ID)	26/12/2019 to 08/01/2020
11	Material sciences (ID)	06/01/2020 to 20/01/2020

III Short-term Courses

Sl. No.	Courses	
1	Communication Skills and Computer Applications	10/06/2019 to 15/06/2019
2	Gender Sensitization	05/08/2019 to 10/08/2019
3	Research Methodology	14/10/2019 to 19/10/2019
4	Disaster Management	30/12/2019 to 04/01/2020
5	One Day Principles Meet	27/01/2020
6	Workshop on MOOC's e-content development and open Educational Resources	10/02/2020 to 15/02/2020
7	One Week contact/hands on experience programme for ARPIT learners	24/02/2020 to 29/02/2020
8	Non-Academic Staff Training	16/03/2020 to 21/03/2020

- Programmes conducted as a Director (UGC-HRDC) for the Academic Year 2020-21

II (A) Refresher Courses: Theme- Learning outcome and Competences

Sl. No.	Courses	Schedule
1	Law and Human Rights	01.09.2020 to 14.09.2020
2	Languages, Literature and Cultural Studies (Indian, English and Foreign Languages)	05.10.2020 to 17.10.2020
3	Physics	02.11.2020 to 14.11. 2020
4	Mathematics	17.11.2020 to 28.11.2020

II. (B) Refresher Courses: Inter/Multidisciplinary Courses

Sl. No.	Courses	Schedule
1	Cognitive Economics and Business	01.09.2020 to 14.09.2020
2	Languages, Comparative Literature and Cultural Studies (Indian Languages and Kannada)	05.10.2020 to 17.10.2020
3	Information and Communication Technology	02.11.2020. to 14.11.2020
4	Life Sciences	17.11.2020 to 28.11.2020
5	Teacher Educators: Learning Outcomes and Educational Reform-Pedagogy, Assessment and Quality Assurance	07.12.2020 to 19.12.2020

III. Workshops/Short-term Courses (One Week)

Sl. No.	Courses	Schedule
1	Workshop on MOOC's e-content development and Open Educational Resources	17.082020 to 22.08.2020
2	Disaster Management	24.08.2020 to 29.08.2020
3	Research Methodology	21.09.2020 to 26.09.2020
4	Gender Sensitization	12.12.2020 to 17.12.2020
5	Communication Skills and Computer Applications	02.11.2020 to 07.11.2020
6	Leadership Development Programme	23.11.2020 to 28.11.2020
7	Interaction Programme for Ph.D. Research Scholars and Post-Doctoral Fellows	14.12.2020 to 19.12.2020

- **Positions held as Chairman in Academic Bodies:**

- Chairman, Board of Examination (BOE) in Bioscience, University of Mysore, Hemangothri, Hassan, from 2005-2006
- Chairman, Board of Examination (BOE) in Microbiology, Bangalore University, Bangalore (2010-2011,2014-2015 & 2017-2018)
- Chairman, BOE in Biotechnology, Karnataka State Women's University, Vijayapur (2015-2016)
- Chairman, Board of Studies (BOS) in Microbiology & Biotechnology, Bengaluru North University, 2018-till date
- Chairman, Board of Studies (BOS) in Microbiology & Biotechnology, Bengaluru City University, 2018- date

- f) Chairman, BOE in Biotechnology (UG and PG), Davanagere University, Davanagere (2017-18)
- g) Chairman, Local Inspecting Committee, Davanagere University, Davanagere (2017-18)

• **Positions held as Custodian & Co-ordinator:**

- a) Deputy Custodian for 3rd-semester M.Sc., examinations (Valuation and tabulation) PG exams, 2009-2010. Bangalore University
- b) Custodian for valuation of II & IV Semester Science subjects Bangalore University, Bangalore 2012 examinations
- c) Custodian for (B-Vocational), Bangalore University, 2015
- d) Revaluation Co-ordinator Bangalore University, Bangalore (2012-2013), (2014-2015)
- e) Co-ordinator for conducting Ph.D entrance examination for science students, Bangalore University, Bangalore (2014)
- f) Doctoral committee member Department of Applied Botany, Mangalore University (2016-2017)
- g) Custodian for Valuation of I, II, III and IV Semester M.Sc Microbiology examinations, Bangalore University, Bangalore 2017-2018 examinations.

08. Member in Academic Bodies:

- Member of Local Inspection Committee, Bengaluru Central University (2018-19)
- Member BOE in Biotechnology (PG), Mangalore University (2017-2018)
- Member, of the Scrutiny committee at Akkamahadevi Women's University, Vijayapura (2017-18)
- Member, BOS Department of Microbiology (PG) Davanagere University (2018-2021)
- Member BOS for Biotechnology (University representative), Jyoti Nivas College Autonomous (2017-18)
- Member BOS for Microbiology and Biotechnology (University representative), St. Joseph's College Autonomous (2017-18)
- Member BOS for PG Microbiology, Karnataka University, Dharwad (2017-18)
- Member BOS for PG Microbiology, Bangalore University, Bangalore (2017-18)
- Member, BOE for Biotechnology (PG) Tumkur University (2018-19)
- Member, Selection Committee for selection of Project fellow under DBT, Gulbarga University, Kalaburagi, Karnataka (2017-18)
- Member for granting affiliation for B.Ed Colleges under Davanagere University, Davanagere (2017-18)
- Member BOS for Microbiology, Tumkur University, Tumkur (2017-18)
- Member, Doctoral committee in Microbiology, Davanagere University, Davanagere (2017-18)
- Member, Doctoral Committee for PG Department of Studies and Research in Microbiology, Kuvempu University, Jnanasahyadri, Shankarghatta, Shimoga (2017-18)
- Member, BOE for Ph. D course work examination, Bangalore University, Bangalore (2017-18)
- Observer for K-SET examination, Bangalore University, Bangalore conducted at MES Institute of Management, Rajajinagar, Bangalore- 560010 (2017-18).

- Member, of the Doctoral committee for Microbiology, Davangere University, Davangere (2017-18).
- Member, BOE for PG Biotechnology, Tumkur University, Tumkur (2017-18).
- Member for Scrutinizing applications for the post of Assistant, Associate and Professors, Davangere University, Davangere (2017-18)
- Faculty member for assessing the academic work under UGC/AICTE/NBA/NAAC at Bangalore University, Bangalore (2017-18)
- Member, BOE for PG Microbiology, Davangere University, Davangere (2017-18)
- Member of Local Inspection Committee, Davanagere University, Davanagere (2017-18)
- Examiner and member of the Board in M. Phil Biotechnology, Gulbarga University, Kalaburagi, Karnataka (2017-18).
- Member of the Approval committee for PG admissions, Bangalore University, Bangalore (2016-17).
- Member, Swami Vivekananda 154th Birth celebrations at Bangalore University, Bangalore (2016-17).
- Member BOS for Microbiology (UG & PG), Thiruvellur University (2016-2017)
- Member BOS in Bio-informatics Karnataka State Women's University, Vijayapur (2016-2017)
- IQAC member Karnataka State Women's University, Vijayapur (2016-2017)
- Member BOS for PG Microbiology, Indian Academy College, Bangalore (2016-2017)
- Member BOS for Microbiology, MLA College, Bangalore (2016-2017)
- Member BOE for Department of Applied Botany, Mangalore University (2016-2017)
- Member BOS for the Department of Zoology, Davangere University, Davangere (2016-2017)
- Member BOS for Microbiology (Under Graduate), Gulbarga University, Gulbarga (2016-2017)
- IQAC member, Karnataka State Women's University, Bijapur (2015-2017)
- Member BOS for PG studies in Biotechnology, Karnataka University, Dharwad (2015-2016)
- Member BOS, Government Science College, Bangalore (2015-2016)
- Member for PhD coursework examination, Mangalore University (2015-2016)
- Member BOE for Biotechnology, Gulbarga University, Gulbarga (2015-2016)
- Member BOE for M. Phil (Seed Technology), University of Mysore (2014-2015)
- Member BOS for PG Biotechnology, Davangere University, Davangere (2014-2017)
- Member BOS for Biotechnology, Karnataka State Women's University, Vijayapur (2013-2016)
- Member BOE for PG Microbiology Davangere University, Davangere (2013-2014), (2016-2017)
- Member BOE for PG Microbiology, Mangalore University (2010-2011)
- Member BOE for PG Microbiology, Kuvempu University, Shimoga (2009-2010)
- Member BOS for Biosciences, University of Mysore (2006-2009)
- Governing council member to affiliated college, Bangalore University, Bangalore (2016-2017)

(Srinivas C)