

CURRICULUM VITAE

Dr. Sadashiv S. O. M.Sc., M. Phil., Ph. D. F.S.S.E.

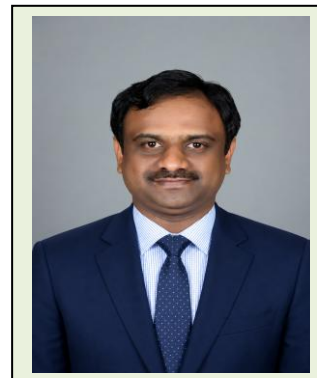
Assistant Professor

Department of studies in Food Technology

Areas of Specialization : Dairy microbiology, Medical microbiology, and Food Technology.

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Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	Ph. D.	Microbiology	Karnatak University, Dharwad	Dec 2014
2	M. Phil.	Microbiology	Vinayaka Missions University	June 2009
4	PG	Microbiology	Karnatak University, Dharwad	June 2008
5	UG	Chemistry, Botany, Industrial microbiology	Karnatak University, Dharwad	June 2005

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Assistant professor	Department of studies in Food Technology, Davangere University, Davanagere	PG	Aug 2019	Till date
2	Assistant professor	Department of Life Science, Garden City University, Bengaluru	UG & PG	Jan 2018	Aug 2019
3	Teaching Assistant	Department of studies in Microbiology, Davangere University, Davanagere	PG	Aug 2014	Dec 2017

Academic/Administrative responsibilities:	
1.	Board of Examination (BoE) member in the Department of studies in Food Technology, Davangere University, Davanagere 2020-21 and 2025-26
2.	IQAC Assistant Coordinator from May 2025 to till date
3.	Board of Studies (BOS) member for UG and PG in the Department of Microbiology, Adikavi Sri Maharshi Valmiki University, Raichur for the academic year 2024-25, 2025 -26
4.	SWAYAM coordinator for the Department of Food technology, from Feb 2025
5.	Board of Examiner (BOE – Extremal) member in the Department of Microbiology, Raichur University, Raichur for the academic year 2023-24 and 2024-25
6.	Board of Examiner (BOE – Extremal) member in the Department of Biotechnology, Vijayanagara Shree krishnadevaraya University, Bellary for the academic year 2023-24
7.	Co-Executive officer, Food Processing Centre, Department of studies in Food Technology, Davangere University, Davanagere.
8.	Department coordinator for the Internal discipline committee in the Department of studies in Food Technology, Davangere University, Davanagere
9.	Department council (DC) member in the Department of studies in Food Technology, Davangere University from Sep 2019 to Nov 2021 and Jan 2024 to till date.
10.	Board of Studies (BOS) member in the Department of studies in Food Technology, Davangere University from Sep 2019 to Aug 2022
11.	Chief Editor for the Journal Life Science Edge
12.	Board of Studies (BOS) and Board of Examination (BOE) member at Garden City University, Bengaluru in 2018-19
13.	Assistant coordinator for BPED Evaluation, May – June 2016, at Davangere University
14.	Assistant coordinator for PG Evaluation, May-June 2015, Nov-Dec 2015, at Davangere University
15.	Observer for UG courses examination in May-June 2015 at Davangere University
16.	Observer for UG/PG courses examination in Nov-Dec 2014 at Davangere University
17.	Board of Studies (BOS) member in the department of Microbiology Under Graduate (U.G) at Karnatak University in 2012-13 and 2013-14

Ph. D. Students			
Ph. D. Guided			
Sl. No.	Student Name	Title	Status
1.	Mrs. Prabhavati S. Erimani	Studies on formulated, Processed millet diet for amelioration of metabolic disorders	Awarded June 2026

Ph. D. guiding			
1.	Mr. Ajaykumar M.	An influence of millet based therapeutic formulations in Samsarjana karma - An approach to ayurvedic traditional medicine	Pursuing
2.	Mr. Santoshkumar Gataraddi	Nutrigenomic approach to variable response of ketogenic diet in uncontrolled Epilepsy	Pursuing
3.	Mr. Vishwa R.	Development and validation of a novel Ksheerapaka: A contemporary approach to Ayurvedic formulations	Pursuing
4.	Ms. Apoorva Kantharaj		Pursuing

Research Projects:					
Sl. No.	Title of the Project	Funding Agency	Project Budget	Period	Status
1.	Proximate assessment of different processing phases of minor millets	45 th Series of Student Project Programme – Biofuel Projects: Karnataka state council for science and technology	10,000	April 2022-	Completed
2.	Study of nutraceutical, Mineral and Heavy metals in different varieties of commercial pickles	43 rd Series of Student Project Programme – Biofuel Projects: Karnataka state council for science and technology	6,000/-	2019-20	Completed
3.	Prevention of pathogens isolated from biofuel producing plants by <i>Cucumis trigonus</i> extracts	42 nd Series of Student Project Programme – Biofuel Projects: Karnataka state council for science and technology	8,000/-	2018-19	Completed
4.	Bioethanol production process optimization from <i>Citrus sps.</i> Seed oil and its characterization	41 st Series of Student Project Programme – Biofuel Projects: Karnataka state council for science and technology	8,000/-	2017-18	Completed

Resource person/Invited talk/Session Chair	
1.	Resource person for “Internship on Industrial Food Microbiology Techniques” held from 11 th October to 31 st October, 2022 Organized under forum GENELIX-2022, Department of Biotechnology, G.M. Institute of technology, Davanagere.
2.	Delivered invited talk on “Eating habits” on 21 st August 2023, in B. community, five-day orientation programme organized by Bapuji institute of Hi-tech education, Davanagere
3.	Delivered invited talk on “Eating/Food habits” on 2 nd March 2024, in “International conference on biological alterations and applications for next generation living world” organized by Department of Biotechnology, Govt. V.Y.T. PG. Autonomous College, Durg, India Society for Science and Environment, Jalgaon, India, Zoological Society of Chhattisgarh, India at Chhattisgarh, India
4.	Delivered invited talk on “Eating habits” on 29 August 2024, in B. COMMUNITY, orientation programme organized by Bapuji institute of Hi-tech education, Davanagere
5.	Delivered invited talk on “Food and Health” on 13 th September 2024, in Visionary Voices - Dr. Thomas Kurien Memorial National Seminar organized by Alumni (2002-05 Batch) and Alumni Association, Kittel Science College, Dharwad. Karnataka
6.	Delivered invited talk on “Microbes and health” on 25 th September 2024, in Department of Botany, B.V.V.S Akkamahadevi women’s Arts, Science and Commerce college, Bagalkot, Karnataka
7.	Served as Session Chair for the oral presentation competition at "Two days - International Conference on “Pure and Applied Sciences (IConPAS2K25)” organized by Sharnbasva University, Kalaburagi and Sharnbasveshwar college of Science, Kalaburagi, on 4 th & 5 th , Jan 2025.
8.	Delivered talk on “Food for a healthy life” on 08 th February 2024, in the Annual day Programme, organized by LEA High School, Dharwad., Karnataka
9.	Chaired a session on 21-22 Feb 2024, in DBT & CSIR sponsored National conference on "Applied biological & biosciences interventions in new age translation therapeutics" organized by Division of Molecular biology, School of Life sciences, JSS AHER, Mysuru.
10.	Chaired a session on 18 th and 19 th September, 2025, in Life Sciences International Conference on “Recent discoveries and innovations in life sciences (ICRDILS-2025)”, organized by BPHE (Bhaskar Pandurang Hivale Education) Society’s Ahmednagar college, Station Road, Ahilyanagar, Ahmednagar, Maharashtra.

Research Publications:	
a) National / International Journals	
1.	Basappa B. Kaliwal, Sadashiv S. O. , Mahantesh M. Kurjogi and Rajeshwari D. Sanakal (2011), Prevalence and Antimicrobial Susceptibility of Coagulase- Negative Staphylococci isolated from Bovine Mastitis, Veterinary World, 4(4):158-161
2.	Chandrashekhar G. Unakal, Amare Gebrehiwot, Sadashiv S. O. (2012), Preliminary screening of endophytic fungi from Rhamnus prinioides l. for antimicrobial activity, Int. J. Pharm & Ind. Res., Vol-02(04): 469-47
3.	Sadashiv S. O. and Kaliwal B. B. (2013), Prevalence of Bovine Mastitis in north Karnataka, India, Int. J. Pharm. & H. Care Res., 01 (04): 169 – 177

4.	Sanjay Mavanuri, Varsha Patil, Manjunatha Hanumanthappa, Shivarudrappa B.Bhairappanavar, Sadashiv S. O. , Santhosh Kondajji Hanumanthappa, Venkatarangaiah Krishna, Chandrashekhar Unakal (2013), Wound healing activity of <i>Brugmansia suaveolens</i> Bercht. & Presl. leaves methanol extract on Wistar albino rats, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2 (12): 7918- 7924
5.	Sadashiv S. O. and B. B. Kaliwal (2014), Antibiotic resistance of <i>Staphylococcus aureus</i> and Coagulase-Negative <i>Staphylococci</i> (CNS) isolated from Bovine mastitis in the region of north Karnataka, India, World Journal of Pharmaceutical Research, 3(01): 571-586
6.	Seema Kamble, Sushma Nadgoudar, Nayana Deshpande, Varsha Jayakar, Keshata Gaikwad, Ambarish Sindagi, Anmol Kurthkoti, Archana Kulkarni, Sadashiv S. O. , Chandrashekhar Unakal (2014), An in-vitro study on antibacterial activity of <i>Mimosa pudica</i> , <i>Cynodon dactylon</i> and <i>Impatiens balsamina</i> , World Journal of Pharmaceutical Research, Vol.-3(01): 739-748
7.	Shivarudrappa Bhairappanavar, Raju K C, Sadashiv S. O. , Chandrashekhar Unakal (2013), Synergistic effect of <i>Saccharomyces cerevisiae</i> and <i>Acetobacter xylinum</i> in the production of alcoholic beverages using tea powder and sugar as substrates, Int. J. Pharm. & H. Care Res., Vol.-02 (01): 8 – 11
8.	Chandrashekhar Unakal, Sadashiv S. O. , Shivarudrappa Bhairappanavar, Ambarish Sindagi (2014), Screening of Endophytic fungus <i>Aspergillus</i> sp. for amylase production. Int. J. Pharm. & H. Care Res., Vol.-02 (02): 40 – 45
9.	Siji Philip Kavil, Pallavesam A, Sumesh K.M, Shivarudrappa B. Bhairappanavar, Sadashiv S. O. , Chandrashekhar Unakal, Catherine Reena Paul (2014), Improvement of chitinase production capacity of <i>Shigella</i> sp. by random mutation and altering the nutrient component of production media. World Journal of Pharmacy and Pharmaceutical Sciences, Vol. – 03 (02): 1717-1726.
10.	Biradar N.V, Ambarish S. Sindagi, Bellad A. S, Jayarama Reddy, Ravi Navalur, Shivaraj Naykar, Mathews P. Raj, Sadashiv S. O. , Chandrashekhar Unakal (2014), Assessment of physico-chemical and microbiological parameters of Kotur Lake, Dharwad, Karnataka, India. Int.J.Curr.Microbiol.App.Sci. Vol 3(2): 88-96
11.	S. O. Sadashiv and B. B. Kaliwal (2014), Isolation, Characterization and antibiotic resistance of <i>Bacillus</i> spp. from bovine mastitis in the region of north Karnataka India. Int.J.Curr.Microbiol.App.Sci 3(4): 360-37.
12.	S. O. Sadashiv and B. B. Kaliwal (2015), Screening and antimicrobial resistance of <i>Escherichia coli</i> isolated from Bovine Mastitis in the region of north Karnataka, India. Indo American Journal of Pharmaceutical Research, 5(04): 1309-1316
13.	Sadashiv S. O. and Sharangouda J. Patil (2018), Role of Bovine Science Research in the Management of Food Security and Sustainability, Life Science Edge, Vol 4- ISSN 2249-2526
14.	Satyaki De and Sadashiv S. O. (2018), Critical role of animal science research in the food security and sustainability, Life Science Edge, Vol 4- ISSN 2249-2526
15.	Sharangouda J. Patil and Sadashiv S. O. (2018), Improved Fodder Production by Traditional Knowledge for Livelihood Security of Indian Farmers, Life Science Edge, Vol 4- ISSN 2249-2526

16.	B. P. Nandeshwarappa, Sandeep Chandrashekharappa, S. O. Sadashiv (Aug 2020), Synthesis and characterization of novel ethyl 2-oxo-2H-selenopyrano [2,3- b] quinoline-3-carboxylates and studied their antimicrobial activities, Chemical Data Collections 28 -100466, https://doi.org/10.1016/j.cdc.2020.100466
17.	B. P. Nandeshwarappa, Sandeep Chandrashekharappa, S. O. Sadashiv (2020), Synthesis and antibacterial evaluation of 3-acetyl-2H-selenopyrano[2,3-b]quinolin-2-ones, Chemical Data Collections 28 -100484, https://doi.org/10.1016/j.cdc.2020.100484
18.	BP Nandeshwarappa, SK Manjunatha, DK Ramesh, M. Suchitra, SO Sadashiv (2020), Synthesys and antimicrobial activity of 3-(2-(substituted 1,3,4-thiadiazol-2-ylamino) acetyl)-4-hydroxy-1-methyl/phenylquinolin-2(1H)-ones, RGUHS- Journal of pharmaceutical sciences, Vol 10(04). DOI: 10.5530/rjps.2020.4.3
19.	B.P. Nandeshwarappa, Sandeep Chandrashekharappa, S.O. Sadashiv , Sharangouda J. Patil, H. S. Onkarappa (2021), Nitrogen and selenium containing heterocycles: Part-2: Synthesis and antimicrobial activities of novel S-5-(2-oxo-2 H -selenopyrano [2,3- b] quinolin-3-yl)-1,3,4- oxadiazol-2-yl-2-cyanoethanethioates, Chemical Data Collections, 33 -100716 ISSN- 24058300
20.	J. Perraulta Lavanya, G. Gowthamraj, V. Hemalatha, S. O. Sadashiv , R. Sharath & N. Sangeetha (2022), Physicochemical, techno-functional and structural properties of gluten-free crackers developed from sorghum (<i>Sorghum bicolor</i> (L.)) varieties, International Journal of Food Science and Technology doi:10.1111/ijfs.15768.
21.	Sandeep Chandrashekharappa, S. O. Sadashiv , Sharangouda J. Patil, and B. P. Nandeshwarappa (2022), Design and synthesis of new series of 2-oxo-2H-selenopyrano[2,3-b] quinoline-3-carboxylates and evaluation of their antibacterial activity, Pharmaceutical Chemistry Journal, Vol. 56, No. 5, August, 2022 pp 638-644, (Russian Original Vol. 56, No. 5, May, 2022). DOI 10.1007/s11094-022-02688-x
22.	Karishma K. B., Afreen banu M., Venkatesh C. N., Prakruthi, Siddalingeshwara K. G., Sadashiv S. O. , and Sharangouda J. Patil, (June-2023), Comparative analysis of phytochemical potential in ethanol extract of <i>Cosmos Bipinnatus</i> and <i>Pteries fauriei</i> leaves, Adv. Pharmacol Toxicol, Vol 24((1), 25-32, ISSN-0973-2381
23.	Sharangouda J. Patil, Renuka Jyothi S., Sadashiv S. O. , Vishwantaha T., Jamila Khatoon Adam, and Suresh Babu Naidu Krishna. (August 2023) Antioxidant Potential of <i>Zephyranthes citrina</i> Seed Extract in <i>Saccharomyces cerevisiae</i> 's Oxidative Stress Response System. Current Trends in Biotechnology and Pharmacy, Vol. 17 (Supplementary issue - 3A) 1129 - 1140, ISSN 0973-8916 (Print), 2230-7303 (Online). 10.5530/ctbp.2023.3s.51
24.	Pranjal Kalekar, Vijay M Kumbar, Ravindranath Aladkatti, Suneel Dodamani, S O Sadashiv , Shridhar C Ghagane, Shivayogeeswar Neelagund, (Dec 2023), Potential of Seaweed <i>Ulva Fasciata</i> and its Derived Compounds Against Prostate Cancer - A Mini Review, Karnatak University Journal of Science 54(4), 84–90, https://doi.org/10.61649/kujos/v54i4.23.12
25.	Jyothi R., Srinivasa Murthy K. M., Prithiviraj Nagarajan, Premalatha S. J., Mohan Kumar B. S., Sadashiv S.O. , Lokeshwari J., and Sharangouda J. Patil (Oct 2024), <i>Colocasia esculenta</i> - An Important Medicinal Plant of India, African Journal of Biomedical Research. Vol. 27(3s), (Oct 2024), 3687 – 3692, ISSN 1119-5096

26.	Shashidhar Doddamani, Ajay kumar M., Tumakuru Nataraj Sowmya, Hari V., Rajasamarsen Modi, Sadashiv S.O. , Sharangouda J. Patil and Chaithra B. (April 2025), Ayurveda Meets Modern Nutrition: Exploring the Pathophysiology and Management of Obesity, Journal of Neonatal Surgery, Vol. 14, (4), ISSN(Online): 2226-0439. Pp-1335-1342.
27.	Ajaykumar M, Sharangouda J. Patil and Sadashiv S. O. , (May 2025), Development and Standardization of millet-based diet for Samsarjana Krama, Conference proceedings, AYUSH for One Health: Compendium. ISBN: 978-81-986832-7-4
28.	Sujayendra Kulkarni, Suyamindra Kulkarni, Sadashiv S. O. , Pavan Kulkarni, Naveen Charantimath, (Nov 2025), A prospective study on Genomic Insights into Human Health and Disease, Journal of Carcinogenesis, 24 (2s), pp- 613-617, ISSN: 1477-3163
29.	Sujayendra Kulkarni, Suyamindra Kulkarni, Sadashiv S. O. , Pavan Kulkarni, (Nov 2025), Genomics For Precision Medicine: Bridging Research And Clinical Practice, International Journal of Environmental Sciences, 11(22), pp-4057-4061, ISSN: 2229-7359, https://theaspd.com/index.php
30.	Sujayendra Kulkarni, Suyamindra Kulkarni, Sadashiv S. O. , Pavan Kulkarni, Naveen Charantimath (Nov 2025), Advances in Genetics and Genomics: From Mechanisms to Medicine, International Journal of Environmental Sciences, 11(22), pp-4062-4066, ISSN: 2229-7359, https://theaspd.com/index.php
31.	Prabhavati S. Erimani, Sharangouda J. Patil and Sadashiv S. O (Dec 2025), Exploring Little Millet (<i>Panicum sumatrense</i>) Strain DHLM 36-3 and OLM-203 for Functional Food Development and Nutritional Enhancement, European Journal of Clinical Pharmacy, 7(1): 2912-2919.
32.	Prabhavati S. Erimani, Sharangouda J. Patil and Sadashiv S. O. (Jan, 2026), Harnessing Minor Millets (<i>Paspalum scrobiculatum</i>): Formulation and Nutritional Evaluation of Millet-Based Functional Foods, The Bioscan, 21(1): 153-163.
33.	Santoshkumar Gataraddi, Pooja Joshi, Sonal Bailur, Janak Nathan, Suyamindra S Kulkarni, Sharangouda J. Patil, Pramod B Gai and Sadashiv S.O. (February, 2026), Impact of Ketogenic Diet on Seizure Reduction in Uncontrolled Epilepsy Patients: A Comparative Analysis with Standard Antiepileptic Drug Therapy. Int J Drug Deliv Technol. 16(67s):954-958. DOI: 10.25258/ijddt.16.67s.81
34.	Ajaykumar M., Sharangouda J. Patil, Shashidhar H. Doddamani, and Sadashiv S. O. (May 2026), Sprouting, Soaking, and Drying Methods Alter the Proximate Composition of Millet Varieties: A Comparative Study, Agriculture Archives: An International Journal. 5(2): 35-39. DOI: https://doi.org/10.51470/AGRI.2026.5.2.35
35.	Ajaykumar M., Kurupalli Ramanjappa Mohan, Sharangouda J Patil, Shashidhar H Doddamani & Sadashiv S. O., (Aug 2026)Physical and engineering characterization of selected millet species for post-harvest applications. https://doi.org/10.14719/pst.15417

Book / Book Chapters Published:

1.	Title of the book : Screening and antibiotic Susceptibility of CNS from Bovine Mastitis (CNS- A threat to mastitis) Authors : Sadashiv S. O. and B. B. Kaliwal Publisher : Lambert Academic Publication, (2015), ISBN No- 978-3-659-59395-6.
2.	Title of the book : Prevalence and Characterization of Bacteria from Bovine Mastitis. Authors : Sadashiv S. O. and B. B. Kaliwal Publisher : Research India Publications. New Delhi. (2015), ISBN: 978-93-84443-13-9
3.	Title of the book : Agricultural technology for sustaining rural growth Chapter Title : Bovine Mastitis: A threat to dairy industry, Authors : Sadashiv S. O. , Jayaraj F. Chinchali, and B. B. Kaliwal Publisher : Biotech Books, (2015), ISBN: 978-81-7622-381-2, 507-534
4.	Title of the book : Insecticides resistance Chapter Title : Resistance in Bacteria Authors : Sadashiv S. O. and B. B. Kaliwal Publisher : INTECH (295-312), (2016), ISBN- 978-953-51-2258-6, http://dx.doi.org/10.5772/61479
5.	Title of the book : Role of animal sciences in national development, Volume 2 - Biotechnology for Human Welfare Chapter Title : Molecular methods in fungal identification Authors : Chandrashekhar Unakal, Sadashiv S. O. , B. B. Kaliwal Publisher : Today and Tomorrow's Printers and Publishers (2017), pp- 21-35, ISBN 81- 7019-559-0 (India), ISBN 1-55528-414-9 (USA)
6.	Title of the book : Role of animal sciences in national development, Volume 3 - A New Horizons in Biodiversity Chapter Title : Genetic Diversity of Mastitic Bacterial Isolates Authors : Sadashiv S. O. and B. B. Kaliwal Publisher : Today and Tomorrow's Printers and Publishers (2017), pp- 205-226, ISBN 81- 7019-560-9 (India), ISBN 1-55528-415-9 (USA)
7.	Title of the book : Bovine Science - A Key to Sustainable Development Chapter Title : Introductory Chapter Authors : Sadashiv S. O. and Sharangouda J. Patil Publisher : INTECH (295-312), ISBN: 978-1-78985-606-4, Print ISBN: 978-1-78985-605-7, DOI: 10.5772/intechopen.83723
8.	Title of the book : Non-conventional Energy Sources - The Need of the Hour Chapter Title : Review on Alternative Energy Resource from Agri Products and Agro wastes Authors : Sadashiv S. O. and Sharangouda J. Patil Publisher : Proceedings of the National Conference organized in Sree Siddaganga college of Arts, Science & Commerce, Tumakuru. (2018) ISBN: 978-93-5300-525-2

9.	Title of the book : Innovations in Biochemical Techniques Chapter Title : Efficient synthesis and antimicrobial studies of 2-oxo-2H-selenopyrano [2,3-b] quinoline-3-carbonitriles Authors : B. P. Nandeshwarappa, S. O. Sadashiv, Sharangouda J. Patil and G. K. Prakash Publisher : Daya Publishing House, A Division of Astral International (P) Ltd. New Delhi, (2020), ISBN – 978-93-89605-25-9 (HB)
10.	Title of the book : Heterocycles – Synthesis and Biological Activities Chapter Title : Introductory Chapter: Synthesis and Antimicrobial Activities of Dihydroazeto [2',3':4,5] seleno[2,3-b] quinolines Authors : B. P. Nandeshwarappa, G. K. Prakash and S. O. Sadashiv Publisher : Intechopen. Registration number: 11086078, 7th floor, 10 Lower Thames Street, London, EC3R 6AF, United Kingdom, Printed in Croatia ISBN: 978-1-83880-624-8, eBook (PDF) (2020) ISBN: 978-1-83880-625-5, http://dx.doi.org/10.5772/intechopen.78709
11.	Title of the book : Biomolecule Chapter Title : Synthesis and antibacterial investigation of new derivatives of 3-(5-mercapto-1,3,4-oxadiazol-2-yl)-2H-selenopyrano[2,3-b] quinolin-2-ones Authors : B. P. Nandeshwarappa, S. O. Sadashiv, Sharangouda J Patil, B. Nagaraja and H. M. Manjunatha Swamy Publisher : Today & Tomorrow Printers and Publishers: TTPP. New Delhi, (2021), ISBN 10: 81-7019-702-2, ISBN 10: 9788170197027
12.	Title of the book : Organic Molecules - Efficacy, Remedies and Therapeutics Chapter Title : Synthesis of 3-acetyl-2H-selenopyrano[2,3-b] quinolin-2-ones: A potent antibacterial agent Authors : B. P. Nandeshwarappa, Sandeep Chandrashekhara, S. O. Sadashiv and Sharangouda J. Patil and Manjunath S. Katagi Publisher : Jaya Publishing House, Publisher and Distributor, H-1/60, Sector – 16, Rohini, Delhi-110089 (INDIA) Delhi, (2021), ISBN: 978-93-90611-97-3
13.	Title of the book : Essential Biomolecules Chapter Title : Effect of Imidacloprid on Physiological State of Soil Isolate <i>Bacillus Weiherstephanensis</i> Authors : A. A. Shetti, S. O. Sadashiv and B. B. Kaliwal Publisher : Narendra Publishing House, Publisher and Distributor, C-21, Varun Apartments, Sector-9, Rohini, Delhi- 110085 (INDIA) (2021), ISBN: 978-93-90611-96-6
14.	Title of the book : Polyimides Chapter Title : Introductory Chapter: Polyimides - Importance and Its Applications Authors : B.P. Nandeshwarappa, Sandeep Chandrashekhara, Manjunath S. Katagi, S.O. Sadashiv, G.M. Shilpa, Raghu Ningegowda and Sharangouda J. Patil Year : September 2022 Publisher : INTECH, ISBN - PRINT ISBN-978-1-83969-884-2, 978-1-83969-885-9, DOI: 10.5772/intechopen.106519

15.	Title of the book : Enzymes-Mechanisms and Action Chapter Title : Pectinases, Sources, Classification, Mechanisms and Industrial Applications Authors : Eramma N., Renuka Jyothi S., Sadashiv S.O. and Sharangouda J. Patil Year : December 2022 Publisher : Jaya publishing house, Publisher and Distributor, H-1/60, Sector – 16, Rohini, Delhi-110089 (INDIA), ISBN: 978-93-56511-84-2
16.	Title of the book : Advances in Chemical Biology - An Insight of New Applications and Developments - Volume - 1 Chapter Title : Promising Medicinal Chemistry of Thiazole, their Derivatives, Biological Significance Authors : Kiran Yadav C, Maruthesh H, Praveen Kumar C. H., Manjunatha S. Katagi, Sharangouda J. Patil, Sadashiv S. O. and Nandeshwarappa B. P. Year : May 2023 Publisher : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (May 2023), ISBN: 979-8-88940-053-0
17.	Title of the book : Advances in Chemical Biology - An Insight of New Applications and Developments - Volume - 1 Chapter Title : Nanotechnology Influence in Male Fertility and Sperm Function Authors : Darcia D'mello, Ivan Aranha, Lavanya L, Renuka Jyothi S, Sadashiv S. O., Nandeshwarappa B. P, Premalatha S. J and Sharangouda J. Patil Year : May 2023 Publisher : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (May 2023), ISBN: 979-8-88940-053-0
18.	Title of the book : Advances in Chemical Biology - An Approach to Future Perspectives, Volume – 3 Chapter Title : Studies on Anti-tubercular Activity of Heterocyclic Compounds Authors : Praveen Kumar C. H. Maruthesh H., Niranjana E., Kiran Yadav C., Manjunatha S. Katagi, Sharangouda J. Patil, Sadashiv S. O. and Nandeshwarappa B. P. Year : June 2023 Publisher : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (June 2023), ISBN: 979-8-88940-057-8
19.	Title of the book : Advances in Chemical Biology - An Overview of Research Milestones and Applications - Volume 2 Chapter Title : Review on Oxime as a Smart Candidate to Reactivate Acetylcholinesterase Inhibited by Organophosphorus Compounds Authors : Maruthesh H., Praveen Kumar C.H., Kiran Yadav C., Manjunatha S. Katagi, Sadashiv S. O., Sharangouda J. Patil and Nandeshwarappa B. P. Year : September 2023 Publisher : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (Sep 2023), ISBN: 979-8-88940-980-9
20.	Title of the book : Plant metabolites and vegetables as nutraceuticals Chapter Title : Nutraceutical potential of selected vegetables Authors : N. Eramma, S. O. Sadashiv, Raghu Ningegouda, S. Renuka Jyothi, and Sharangouda J. Patil

	Year : Jan 2025 Publisher : Apple Academic Press Inc., 1265, Goldenroad Circle, NE, Palm Bay, FL 32905 USA, Co-published with CRC Press (Taylor & Francis), 2385 NW Executive Center Drive, Suite 320, Boca Raton FL 33431. (Jan 2025), ISBN: 9781774915448 (hardcover), ISBN: 9781774915455 (softcover), ISBN: 9781032680125 (ebook)
21.	Title of the book : Plant metabolites and vegetables as nutraceuticals Chapter Title : Plant metabolites and vegetable for liver disease prevention and treatment Authors : Daria D'Mello, S. O. Sadashiv , S. Renuka Jyothi, and Sharangouda Patil Year : Jan 2025 Publisher : Apple Academic Press Inc., 1265, Goldenroad Circle, NE, Palm Bay, FL 32905 USA, Co-published with CRC Press (Taylor & Francis), 2385 NW Executive Center Drive, Suite 320, Boca Raton FL 33431. (Jan 2025), ISBN: 9781774915448 (hardcover), ISBN: 9781774915455 (softcover), ISBN: 9781032680125 (ebook)
22.	Title of the book : Nutraceuticals for the Treatment and Prevention of Sexual Disorders Chapter Title : A Nutraceutical Approach in the Prevention of Vaginal Infection Authors : Pramod T., Keshavamurthy M., Vishwanatha T., Sadashiv S. O. , and Sharangouda J. Patil Year : Jan 2025 Publisher : Apple Academic Press Inc., 1265, Goldenroad Circle, NE, Palm Bay, FL 32905 USA, Co-published with CRC Press (Taylor & Francis), 2385 NW Executive Center Drive, Suite 320, Boca Raton FL 33431. (Jan 2025), ISBN: 978-1-77491-731-2 (hardcover), ISBN: 978-1-77491-731-9 (softcover), ISBN: 978-1-00350-377-4 (ebook)
23.	Title of the book : Biotechnology for Environmental Sustainability Chapter Title : Emerging Pollutants, Monitoring, and Remediation Techniques: A Sustainable Environmental Applications Authors : H. Raghavendra, R. Gulappagouda, D. K. Basavaraj, Ganesh Nayak, P. Shivakumar Singh, S. O. Sadashiv Year : 11 Feb 2025 Publisher : Springer Nature Singapore Pte Ltd., Hardcover ISBN - 978-981-97-7220-9, Softcover ISBN 978-981-97-7223-0, eBook ISBN - 978-981-97-7221-6, pp - 187-208. https://doi.org/10.1007/978-981-97-7221-6_7
24.	Title of the book : Biotechnology for Environmental Sustainability Chapter Title : Microbe–Mineral Interactions: Environmental Pollution and Management Authors : Santoshkumar Gataraddi, Ravindranath H. Aladakatti, Sharangouda J. Patil & S. O. Sadashiv Year : 11 Feb 2025 Publisher : Springer Nature Singapore Pte Ltd., Hardcover ISBN - 978-981-97-7220-9, Softcover ISBN 978-981-97-7223-0, eBook ISBN - 978-981-97-7221-6, pp - 661-671. https://doi.org/10.1007/978-981-97-7221-6_22
25.	Title of the book : Biotechnology and Phytochemical Prospects in Drug Discovery. Interdisciplinary Biotechnological Advances.

	Chapter Title : Biological Activities of Unripe Fruit Extract Such as Anti-Inflammatory, Antibacterial, Anti-Urease, and Anti-α-Amylase Effects Authors : M. Ajaykumar, Santoshkumar Gataraddi, Paramesha Mahadevappa, Ravindranath H. Aladakatti, Sharangouda J. Patil & S. O. Sadashiv Year : 23 Apr 2025 Publisher : Springer, Singapore. Print ISBN - 978-981-96-2789-9. Online ISBN - 978-981-96-2790-5, https://doi.org/10.1007/978-981-96-2790-5_5
26.	Title of the book : Biotechnology and Phytochemical Prospects in Drug Discovery. Interdisciplinary Biotechnological Advances. Chapter Title : Drug Discovery in the Context of Covid-19 Authors : Santoshkumar Gataraddi, M. Ajaykumar, Ravindranath H. Aladakatti, Sharangouda J. Patil & S. O. Sadashiv Year : 23 Apr 2025 Publisher : Springer, Singapore. Print ISBN - 978-981-96-2789-9. Online ISBN - 978-981-96-2790-5, https://doi.org/10.1007/978-981-96-2790-5_7
Editor of the Books:	
1.	Title : Role of animal sciences in national development, Volume 2 - Biotechnology for Human Welfare Publisher : Today and Tomorrow's Printers and Publishers (2017), ISBN 81-7019-559-0 (India), ISBN 1-55528-414-9 (USA)
2.	Title : Role of animal sciences in national development, Volume 5 - Recent Trends in Animal Sciences Publisher : Today and Tomorrow's Printers and Publishers (2017), ISBN 81-7019-562-5 (India) ISBN 1-55528-417-5 (USA)
3.	Title : Bovine Science - A Key to Sustainable Development Publisher : Intechopen. (2018), ISBN: 978-1-78985-606-4, Print ISBN: 978-1-78985-605-7
4.	Title : Innovations in Biochemical Techniques Publisher : Daya Publishing House, A Division of Astral International (P) Ltd. New Delhi, (2020), ISBN – 978-93-89605-25-9 (HB)
5.	Title : Heterocycles - Synthesis and Biological Activities Publisher : Intechopen. Registration number: 11086078, 7th floor, 10 Lower Thames Street, London, EC3R 6AF, United Kingdom, Printed in Croatia ISBN: 978-1-83880-624-8, eBook (PDF) (2020) ISBN: 978-1-83880-625-5, DOI: 10.5772/intechopen.78709
6.	Title : Biomolecule Publisher : Today & Tomorrow Printers and Publishers: TTPP. New Delhi, (2021), ISBN 10: 81-7019-702-2, ISBN 10: 9788170197027

7.	Title Publisher	: Essential Biomolecules : Narendra Publishing House, Publisher and Distributor, C-21, Varun Apartments, Sector-9, Rohini, Delhi- 110085 (INDIA) (2021), ISBN: 978-93-90611-96-6
8.	Title Publisher	: Organic Molecules - Efficacy, Remedies and Therapeutics : Jaya Publishing House, Publisher and Distributor, H-1/60, Sector – 16, Rohini, Delhi-110089 (INDIA) Delhi, (2021), ISBN: 978-93-90611-97-3
9.	Title Publisher	: Advances in Chemical Biology - An Insight of New Applications and Developments - Volume - 1 : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (May 2023), ISBN: 979-8-88940-053-0
10.	Title Publisher	: Advances in Chemical Biology - An Approach to Future Perspectives, Volume 3 : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (June 2023), ISBN: 979-8-88940-057-8
11.	Title Publisher	: Advances in Chemical Biology - An Overview of Research Milestones and Applications - Volume 2 : SHINEEKS Publishers, 304 S. Jones Blvd #2521, Las Vegas NV 89107, USA, (Sep 2023), ISBN: 979-8-88940-980-9

Reviewer/ Editor for the journals:

1.	Reviewer - Thai Journal of Pharmaceutical Sciences, E-ISSN(s): 1905-4637, P-ISSN(s): 0125-4685
2.	Editorial board – Advances in Pharmacology and toxicology, ISSN – 0973-2381
3.	Reviewer - Current Research in Nutrition and Food Science, ISSN: 2322 -0007
4.	Reviewer - Journal of Food Measurement and Characterization, ISSN of 2193-4126
5.	Reviewer - Plant Science Today, eISSN 2348-1900

M. Sc., Project/Dissertation guided:

Sl. No.	Student Name	Title	Year
1.	Mr. Prakash J.	Screening of carbofuran degrading bacteria from soil sample	2015
2.	Mr. Keerthi Kumar K. A.	Screening and antibiotic sensitivity of <i>Staphylococcus aureus</i> from clinical samples	2015
3.	Ms. Divya S. Raikar.	Screening of antimicrobial properties of <i>Trigonella faenumgraecum</i> and <i>Spinacia oleracea</i>	2015

4.	Mr. Mahamed Rafi S.	Study on physico-chemical and biological parameters of different lakes around Davangere city	2016
5.	Mrs. Shilpa V. H.	Bacteriological study of roadside contaminated food	2016
6.	Mr. Ramesh	Quality assessment of drinking water around Davangere city	2017
7.	Mr. Manjunath	Quality control tests and bacteriological study for raw milk samples from different villages	2017
8.	Ms. Shaik Afroja Begum	Extraction of Oil and Secondary Metabolites from <i>Illicium Vernum</i> for its Antifungal Activity	2018
9.	Ms. Medha Sen and Ms. Pooja Gupta	Study on phytochemical analysis of <i>Ocimum basilicum</i> and <i>Citrus maxima</i> and their antimicrobial activity	2018
10.	Mr. Lovkesh Sharma and Ms. Preethi	Effect of antimicrobial oil obtained from seeds of <i>Illicium verum</i> , <i>Glycine max</i> , and <i>Trachyspermum ammi</i> on pyogenic organisms	2018
11.	Ms. Chandra Dey and Ms. Aindrila Das	Physiochemical & Biological analysis of Mandlur and Suuhas nagar lake water	2019
12.	Ms. Ashwini G.	Evolutionary technology in biscuits crackers and cookies	2020
13.	Mr. Dhanush Rayapati G.	Comparative analysis of milk from different animals	2020
14.	Ms. Aiman Saniya K.	Antinutritional factors in Indian millet	2021
15.	Mr. Kirana S J.	Development of a rapid detection and quantification method for yeasts and molds in dairy products	2021
16.	Mr. Mahendra I. B.	Physicochemical characteristics of commonly used flours in India	2021
17.	Ms. Bhavitha N. M.	Screening of common food borne pathogens from bakery sweets	2022
18.	Ms. Megha P. O.	Identification and Screening of common food borne pathogens from soft beverages	2022
19.	Ms. Priyanka R. K. T.	Identification and screening of food borne pathogens isolated from dairy foods (Cheese)	2022
20.	Mr. Sathydhar M.	Nutritional assessment of various processing phases of Kodo and Little millet	2022
21.	Mr. Tejkumar B. S.	Analysis of food borne pathogens isolated from dry fruits (Pista)	2022
22.	Ms. Noor Ayesha	Assessment of physio-chemical and nutraceutical properties of fermented millets	2023
23.	Mr. Bharath S.	A study on phytochemical, biochemical analysis and nutraceutical properties of used banana and palash leaves	2023
24.	Ms. Meghana Y.	A study on phytochemical extraction, properties, and enzyme analysis of Areca husk	2023
25.	Ms. Ruchitha O. P.	Microbial synthesis of naringinase and its applications in debittering of fruit juice	2023
26.	Ms. Siri B. R.	Detection and enumeration of food borne pathogens in spoiled foods	2023

27.	Mr. Vishwanatha	Screening and partial purification of millet based bacterial cellulase: A potential clarifying agent of juice	2023
28.	Ms. Meghana M.	Formulation and analysis of multigrain soup	2024
29.	Mr. Prateek	Exploration of therapeutic benefits of different spices and millets decoction	2024
30.	Mr. Sathisha U.	Effects of different drying methods on nutritional composition of different millets	2024
31.	Mr. Sunil S.	Comparative assessment of nutrients and adulterants in different milk samples	2024
32.	Mr. Vikas P. Kabbur	Pilot study on wine production from <i>Ficus carica</i> fruit (fig fruit)	2024
33.	Ms. Amrutha B. P.	"Formulation of Functional Beverage by Blending Mature and Tender Coconut Waters	2025
34.	Mr. R. Bharath Kumar	Formulation and Evaluation of Functional Tea Pre-Mix prepared from Wood Apple	2025
35.	Mr. Deekshith J. G.	Formulation and evaluation of Nutri-Porridge	2025
36.	Ms. Madhu Priya N. P.	Detection and Identification of Microplastics in Processed and Packaged Foods	2025
37.	Ms. Sahana S. R.	Assessment of enzymes in processed kodo millet	2025
38.	Ms. Sinchana T. L.	Development and Evaluation of Functional Beverage Formulated from Sauerkraut Extract	2025
39.	Mr. Amogha T.	Comparative Analysis of <i>Triticum dicoccum</i> and <i>Triticum aestivum</i> Based on Ayurvedic Text and Dietary Significance	2026
40.	Ms. Harshitha H. E.	Formulation and Characterization of Phytochemical-Enriched Milk	2026
41.	Ms. Jayalakshmi G. S.	Formulation and Characterization of Millet-Based Yoghurt as a Plant-Derived Dairy Alternative	2026
42.	Ms. Vaishali G. A.	Okra Water as a Functional Beverage: Development and Quality Assessment	2026

International/National Conferences:

1. Poster presentation on "Survey and Screening of Bacteria causing Bovine Mastitis from North Karnataka region" in the National Conference on Environmental Sciences and Health Hazards, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 19-21st November, 2012 at Karnatak University, Dharwad.
2. Participated in the "Science and Technology for Social Transformation - 5th Annual KSTA Conference, jointly organized by Karnataka Science and Technology Academy and Dayanada Sagar Institution, Bangalore on 19-20th December, 2012 at Bangalore.
3. Poster presentation on "Isolation and Screening of Escherichia coli causing Bovine Mastitis from North Karnataka region" in the National Conference on Endocrinology and Reproduction:

Innovative in Reproductive Biotechnology, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 11-13th February, 2013 at Karnatak University, Dharwad.
4. Poster presentation on “Antibiotic resistance of Staphylococcus aureus and Coagulase-Negative Staphylococci (CNS) isolated from Bovine mastitis in North Karnataka, India” in the National Symposium on Conventional and Biotechnological Perspectives of Understanding the Behavior of Living Organisms, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 15-16th November, 2013 at Karnatak University, Dharwad.
5. Oral presentation on “Effect on Biochemical parameters of milk induced by mastitic pathogens” in the National Seminar on Applications of Biotechnology in human welfare, organized by Department of Microbiology, Davanagere University, Davanagere, Karnataka, on 28-29th of March 2014.
6. Poster presentation in “Global summit on Emerging Science & Technologies: Impact on Environment & Human Health (ESTIEH – 2014)” & Special symposia on “Cancer Therapy & Environment Toxicology”, 01-03 August, 2014 jointly organized by Department of Biotechnology, Vikrama Simhapuri University, Nellore, AP, India and UNT Health Science Center, Fortworth, Texas, USA.
7. Oral presentation on “Molecular characterization and antibiotic resistance of Staphylococcus species isolated from Bovine mastitis”, in the international conference on Bioactive chemicals for reproduction and Human health and 33rd Annual meeting of the society for reproductive biology and comparative endocrinology, 26th – 28th February, 2015, organized by Life Science Departments, Davangere University, Davangere.
8. Participated in the International symposium on Understanding the molecules of life in the era of new biology and 28th All India Congress of Zoology (AICZ), 20th – 22nd October, 2016, organized by Life Science Departments, Davangere University, Davangere.
9. Poster presentation on Molecular methods in fungal identification, in 104th Indian Science Congress” at Sri Venkateshwara University, Tirupati, 3-7 January 2017
10. Poster presentation on Molecular methods in fungal identification, in 104th Indian Science Congress” at Sri Venkateshwara University, Tirupati, 3-7 January 2017
11. Poster presentation on "North Karnataka Ethnic Foods: Ready to Serve and Eat" in the TRANSITION-FORGOTTEN ETHNIC FOODS OF INDIA. at Garden city University, Bangalore, 9th March 2018
12. Participated in International Conference on Security, Garden city University, Bangalore, on 7th March 2018
13. Oral presentation on “Modification, Optimization and Characterization of Biodiesel production process of Citrus sps. seed oil” in the National Conference on Emerging Trends in production of Biofuel and their Impact on Global economy, held at CHRIST (Deemed to be University), Bangalore from 27-28th July, 2018.

14. Poster presentation on " Nanotechnology for water treatment" in the International Conference on Multidisciplinary Approach of Science: Nanotechnology - a Boon for Mankind, at Garden city University, Bangalore, 18-19th September 2018
15. Poster presentation on "non-communicable diseases" in the National Conference on Advances and Innovations in Biotechnology, Multidisciplinary approaches to food, health, environmental and energy issues, jointly organized by School of Basic and Applied sciences, Dayanand Sagar University, Department of Biotechnology, Dayanand Sagar college of Engineering, Society for Biotechnologists (India), at Dayanand Sagar University, Bangalore, 15-16th November 2018
16. Poster presentation on "Algae" in the National Conference on Advances and Innovations in Biotechnology, Multidisciplinary approaches to food, health, environmental and energy issues, jointly organized by School of Basic and Applied sciences, Dayanand Sagar University, Department of Biotechnology, Dayanand Sagar college of Engineering, Society for Biotechnologists (India), at Dayanand Sagar University, Bangalore, 15-16th November 2018
17. Poster presentation on " Phytochemical, GCMS analysis of *Ocimum basilium* & *Citrus maxima* seeds and their antimicrobial activity" in the international conference on "Advances in Therapeutic Molecules and Drug Design [ATMDD-2019], organized by Karpagam Academy of Higher Education, Coimbatore, Tamilnadu, 9-11th January, 2019
18. Poster presentation on " Physico-Chemical and Biological Parameters of Two Lakes in Bengaluru City – A Key to Prevent Pollution" in the 11th Annual KSTA conference, under the theme New Vistas in Science and Technology for common good, jointly organized by Karnataka Science And Technology Academy and NMKRV College for women, at NMKRV college for women, Bangalore, 01-02nd February, 2019
19. Presented paper on Design, synthesis and antimicrobial studies of 3-acetyl-2H-selenopyrano [2,3-6] quinoline-2-ones at two days national conference on "Recent advances in chemical biology and material engineering, on 30-31st January 2020, organized by Department of chemistry, Veerashaiva college, Ballari, Karnataka.
20. Participated in three days National level Rational festival "Karnataka Vaibava", from 17th to 19th January 2020 at Ranebennur, Karnataka
21. Oral presentation on "Survey on Assessing the Awareness of Nutritional Benefits of Nutri Cereals" in 5th International Conference on Food and Nutrition (Virtual), held on 16th & 17th November, 2022, Malaysia. Authors: Prabhavati S. Erimani, Greeshma Vinod, Shania Siddique, Dondapati Jeneesha, Prathyusha Namathoti, Kancharla Sahithi, **Sadashiv S. O.**
22. Oral presentation on "Assessment of Nutraceuticals of Minor Millets and their Evaluation of Health Benefits" in "Millet Magic: Sowing Sustainable Futures-2023" (NCM-MMSSF-2023), Two-day National Seminar, held on 17 and 18 November 2023, organized by SAFI Institute of Advanced Study (SIAS), Rasiya Nagar, Vazhayoor East PO, Malappuram- 673633, Kerala, India, Co-sponsored by Kerala State Centre for Science Technology and Environment (KSCSTE), Govt. of Kerala, Authors: Prabhavati S Erimani, Ravindranath H Aladakatti, Sharangouda J Patil , and **Sadashiv S O**
23. Oral presentation on "Bio-Synthesis of Phytochemicals: Innovations, Challenges, Advantages, Implications" in "Millet Magic: Sowing Sustainable Futures-2023" (NCM-MMSSF-2023), Two-day

National Seminar, held on 17 and 18 November 2023, organized by SAFI Institute of Advanced Study (SIAS), Rasiya Nagar, Vazhayoor East PO, Malappuram- 673633, Kerala, India, Co-sponsored by Kerala State Centre for Science Technology and Environment (KSCSTE), Govt. of Kerala, Authors: Sharangouda J Patil and Sadashiv S O
24. Poster presentation on “Amelioration of millets for sustainable human health” in "International society of gene & cell therapy convention", Two-day 6th annual convention, held on 20th and 21st September 2024, organized by Dr. Agarwal Hospitals and RV College of Engineering (Autonomous) Bengaluru, Dr. Agarwal Hospitals, Bengaluru, Authors: Ajaykumar M., Ravindranath Aladakatti, Sharangouda J Patil and Sadashiv S O
25. Presentation on “Millet-enriched ayurvedic diets: bridging traditional touch to modern nutritional science in Samsarjana krama” in Life Sciences International Conference on “Recent discoveries and innovations in life sciences (ICRDILS-2025)”, organized by BPHE (Bhaskar Pandurang Hivale Education) Society’s Ahmednagar college, Station Road, Ahilyanagar, Ahmednagar, Maharashtra. ISBN: 978-81-959604-5-3, Authors: Ajaykumar M., Patil Sharangouda J. and S. O. Sadashiv
26. Presentation on “Clinical divergence in ketogenic diet efficacy for epilepsy: Laying the basis for genetic insights and therapeutic strategy” in Life Sciences International Conference on “Recent discoveries and innovations in life sciences (ICRDILS-2025)”, organized by BPHE (Bhaskar Pandurang Hivale Education) Society’s Ahmednagar college, Station Road, Ahilyanagar, Ahmednagar, Maharashtra. ISBN: 978-81-959604-5-3, Authors: Gataraddi Santoshkumar, Kulkarni Suyamindra S., Sadashiv S. O.
27. Presentation on “Assessment of processed food and formulated millet diets for amelioration of metabolic disorders” in Life Sciences International Conference on “Recent discoveries and innovations in life sciences (ICRDILS-2025)”, organized by BPHE (Bhaskar Pandurang Hivale Education) Society’s Ahmednagar college, Station Road, Ahilyanagar, Ahmednagar, Maharashtra. ISBN: 978-81-959604-5-3, Authors: Erimani Prabhavati P., Aladakatti Ravindranath, H., Patil Sharangouda J. and Sadashiv S. O.
28. Presentation on “Unwrapping the problem: microplastic contamination from food packaging to plate” in Life Sciences International Conference on “Recent discoveries and innovations in life sciences (ICRDILS-2025)”, organized by BPHE (Bhaskar Pandurang Hivale Education) Society’s Ahmednagar college, Station Road, Ahilyanagar, Ahmednagar, Maharashtra. ISBN: 978-81-959604-5-3, Authors: Vishwa R., Madhu Priya N. P., Ajaykumar M., Patil Sharangouda J. and Sadashiv S. O.
Workshops/ Training Programme Attended:
1. Completed the training in the Dairy Farming organized by Agricultural Extension centre, Saidapur Farm, Dharwad from 13th to 18th July 2009.
2. Participated in the National Microbiology CME and workshop on Role of Real Time PCR in the Diagnosis of Infectious Diseases held at S. S. Institute of Medical Sciences and Research Centre, Davanagere on 30th April 2011.
3. Attended workshop on Intellectual Property Rights Jointly organized by Karnataka State Council for Science and Technology, Bangalore and I.P.R. Cell, Planning and Development Section, Karnatak University, Dharwad held on 29th June 2011.

4. Completed the course on REAL TIME PCR held at State-of-the-art genomics training facility, Invitrogen Bioservices India Pvt. Ltd, Bangalore on 29-31st August, 2012.
5. Participated in the National workshop on Application of Bioinformatics Tools in Biological Sciences organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad, on 30th of March 2013.
6. Participated in the National workshop on “Application of Bioinformatics in Medicine” organized by Department of Bioinformatics and Biotechnology, Karnataka State Women’s University, Bijapur, on 8-9th of January 2013.
7. Participated in the training programme on “Plant Disease Management Approaches using Microbial and Plant Genomic Resources” sponsored by Indian Council of Agricultural Research (ICAR), New Delhi under Niche area of excellence and organized by the University of Agricultural Sciences, Dharwad from 24th January 2014 to 13th February 2014.
8. Participated in the KSTA Special Lecture Workshop on “Horizons of Biochemistry and Avenues for Biochemists” Jointly organized by Department of Biochemistry, Davangere University, Davangere and Karnataka Science and Technology Academy, Bangalore from 14th to 15th October, 2014.
9. Participated in One day National seminar on “Modern trends in Genetics, Molecular Biology” organized by Government First grade college, Davangere, on 3rd October 2015.
10. Participated in one day National workshop on “Apiculture” organized by Garden City University, Bangalore, on 6th February 2019.
11. Participated in One day National workshop on “PCR and its application in Molecular Biology” organized by Garden City University, Bangalore, on 8th March 2019.
12. Attended Faculty Development Program organized by Davangere University, Shivangotri, Davangere from 6th January 2020 to 13th January 2020.
13. Completed 4-Week Induction/Orientation Programme for "Faculty in Universities / Colleges / Institutes of Higher Education" from June 04 - July 01, 2020. organized by Teaching Learning Centre, Ramanujan College, University of Delhi, sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya National mission on teachers and teaching
14. Completed online Two – Week Refresher Course in “LIFE SCIENCES” from 01 – 15 September, 2021, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with Miranda House, University of Delhi under the aegis of Ministry of education, Pandit madan mohan malaviya National mission on teachers and teaching.
18. Completed UGC Sponsored Two-week Refresher Course (Online) in Life Sciences (Food Technology), from 27 Feb 2024 to 13 March 2024, organized by UGC-HRDC, University of Mysore.
19. Completed UGC Sponsored Two-week Refresher Course (Online) in Interdisciplinary Refresher Course in Biological Science from 19-01-2026 to 31-01-2026 organized by UGC-Malaviya Mission Teacher Training Centre, Karnatak University, Dharwad.

Online Webinars/Conferences/Quiz

1. Participated in online "COVID 19 E-Quiz competition, held on 5th May 2020, organized by Shri Gavisiddeshwar Arts, Science and Commerce College, Koppal
2. Completed the International online Quiz on "COVID 19, Protection and prevention". Organised by Mannar Thirumalai Naicker College (Autonomous), Centre for Competitive Examinations. 24th May 2020
3. Attended the 'One Week Live Webinar Series of International E-Conference in Plant Sciences' held on 25th - 30th May 2020 organized by Department of Studies in Botany, Davangere University, Shivagangothri, Davangere, Karnataka, India.
4. Participated in the Webinar series and virtual conference on "Food Forensics: Investigating Food Crimes and Frauds, held on 16th, 17th, and 23rd May, 2020, organized by Gujarat Forensic Sciences University.
5. Attended the Webinar on 'Food Protection - Science and Strategies' held on 31st of May, 2020, organized by ASSOCIATION OF FOOD SCIENTISTS AND TECHNOLOGISTS (INDIA).
6. Participated and completed in the Online Quiz on Research Methodology, held on 06th to 10th June, 2020, Organized by the Department of Statistics. St. Joseph's College. Tiruchirapalli, Taminadu.
7. Participated and completed National Webinar Series (NWS)-2020 on "Immunity and infection: Biochemical approaches to therapies" from 15th -21st June 2020, organized by Department of Biochemistry, Davangere University, Shivagangothri, Davangere, Karnataka, India
8. Participated in Quiz Competition of Biotechnology, held on 30th June 2020, Organized by Department of Biotechnology, Faculty of Science, Mehsana Urban Institute of Sciences, Ganpat University, Kherva
9. Completed course review through Online Quiz on "MICROBIAL BIOTECHNOLOGY" organized by Palanisamy college of arts, Perundurai, Tamilnadu.
10. Participated in the International Webinar Series on "Recent Trends in Life Sciences" held on 02nd July 2020, Organized by the Department of Zoology, G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu, India
11. Participated in Five Days National Webinar On "Scientific Tools to Boost Immunity and Mental Health" held during 6th to 10th July 2020 organized by IQAC and Faculty of Science, Amruteshwar Arts, Commerce and Science College, Vinzar, Pune.
12. Participated in Online Quiz on "BASIC BOTANY", held on 10th July 2020, organised by Department of Botany, H.P.T. Arts & R.Y.K. Science College, Nashik.
13. Participated in the webinar entitled "IOT in Agriculture", held on 15th – 16th July 2020, Organised by The oxford college of Engineering, Bangalore.
14. Participated in the National level online Quiz on Research methodology and statistics, held on 16th July 2020, organized by the Department of Computer Science, A J College of Science & Technology, Thonnakkal, Thiruvananthapuram.
15. Participated in Two-day National online workshop on "Effective Online Teaching Aids for Environmental Studies" held on 17th & 18th July 2020, organized by S. K. Somaiya College of Arts, Science & Commerce, Vidyavihar, Mumbai.
16. Attended the webinar on "Toxicological Studies – An essential part of drug discovery" on 22nd July 2020, organized by SNS college of Technology, Coimbatore.
17. Participated in National Level online quiz on "Beneficial Roles of Fungi" held from 23rd to 28th July 2020, Organized by S.R.N.M.N College of Applied Sciences, Shivamogga, Karnataka
18. Participated in the E-Quiz – GENOPHILIA, held on 7th August 2020, Organized by Dept. of Zoology and Genetics, The Oxford College of Science, Bangalore.
27. Participated in Symposium on "Immunological Developments in 21st century and Covid-19 Challenges" held on 29th April 2021, Organized by the West Indian Immunology Society (R), Trinidad and Tobago.

Organization of conference / Programmes

1. Accommodation & Transportation committee - in the National Conference on Environmental Sciences and Health Hazards, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 19-21st November, 2012 at Karnatak University, Dharwad.
2. Organizing member – in the National Conference on Endocrinology and Reproduction: Innovatives in Reproductive Biotechnology, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 11-13th February, 2013 at Karnatak University, Dharwad.
3. Organizing member – in the National workshop on Application of Bioinformatics Tools in Biological Sciences organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad, on 30th of March 2013.
4. Organizing member – in the National Symposium on Conventional and Biotechnological Perspectives of Understanding the Behaviour of Living Organisms, organized by Department of Biotechnology and Microbiology, Karnatak University, Dharwad on 15-16th November, 2013 at Karnatak University, Dharwad.
5. Joint Treasurer - in the international conference on Bioactive chemicals for reproduction and Human health and 33rd Annual meeting of the society for reproductive biology and comparative endocrinology, 26th – 28th February, 2015, organized by Life Science Departments, Davangere University, Davangere.
6. Joint Treasurer - in the International symposium on Understanding the molecules of life in the era of new biology and 28th All India Congress of Zoology (AICZ), 20th – 22nd October, 2016, organized by Life Science Departments, Davangere University, Davangere.
7. Programme coordinator –“Consortium of Science & Innovations” An interaction of Students-Teachers-Scientists, on 14th February, 2019, Organized in the Department of Life Sciences, Garden City University, Bangalore in association with Karnataka Rajya Vijnana Parishat (KRVP).
8. Organizing committee member – International webinar on natural products development on 31 may 2020, organized by Department of Food Technology, Davangere University, Davangere.
9. Programme coordinator – World food day – 2020 on the theme “Grow, Nourish, Sustain: Together”, 16th October 2020, Organized in the Department of studies in Food Technology, Davangere University, Davangere
10. Event coordinator – Cooking without fire, 12th February, 2021, Organized in the Department of studies in Food Technology, Davangere University, Davangere
11. Organizing committee member – Two Days National Webinar On “Recent Trends in Food Science and Technology” on 11th and 12th June 2021, Organized by AFST(i), Davangere Chapter & in Association with Food Tech Forum, Department of studies in Food Technology.
12. Organizing committee member – One Day National Webinar on “Nutritional aspects and molecular events during Covid-19 pandemic” on 21st June 2021, Organized by Food Tech Forum, Department of studies in Food Technology.

13.	Organizing committee member – One day International Webinar On “Higher Education and Research Opportunities in EU and France” on 2 nd July 2021, Organized by AFST (i), Davangere Chapter & in Association with Food Tech Forum
14.	Programme Coordinator – World Food Day 2021 on the theme “Our actions are our future”, on 16 th October 2021, Organized in the Department of studies in Food Technology, Davangere University, Davanagere.
15.	Organizing Secretary - Visionary Voices - Dr. Thomas Kurien Memorial National Seminar, on 13 Sep 2024, organized by Alumni (2002-05 Batch) and Alumni Association, Kittel Science College, Dharwad. Karnataka

Achievements/Awards

1.	DBT Ph. D. Fellowship - 2011 to 2014
2.	Young Scientist Award - Best poster presentation in the National conference on Environmental Sciences and Health Management, 2012
3.	Young Scientist Award - Best poster presentation in the “Global summit on Emerging Science & Technologies: Impact on Environment & Human Health (ESTIEH – 2014)” & Special symposia on “Cancer Therapy & Environment Toxicology”, 2014
4.	Prof. B. B. Kaliwal’s Gold Medal Award - For contributions and recognition of research in Microbiology, 2016
5.	Appreciation Award - From the Zoological society of India, in the international symposium on Understanding the molecules of life in the era of new biology and 28 th All India Congress of Zoology (AICZ), 2016
6.	Best project of the year - From Karnataka State council for Science and Technology, in the Student Project Programme (SPP) – Biofuel project, 2017-18 (41 th series), 2018
7.	The best Scientist award, received by Mayas Academic Excellence awards, 22 nd December 2019.
8.	Certificate of Recognition – From Padmashree Institute of Management and Sciences (Autonomous), Bangalore, on 21 st September 2024

Professional Membership

1.	Life Member for Society for Reproductive Biology and Comparative Endocrinology (Lm405-2013)
2.	Life member for The Indian Science Congress Association (L30964) – from Nov- 2016
3.	Life member for the Association of Food Scientists & Technologists (INDIA). CSIR - CFTRI Campus, Mysuru. AFST(I) (AFST/LM/4-2020/DVNG/3502)
4.	Life membership for the Karnataka Rajya Vijnana Parishat, Karnataka – From March 2022
5.	Life Membership of Karnataka Association for the Advancement of Science (KAAS), Bangalore from Jan - 2023
6.	Fellow of Society for Science and Environment (From Jan 2023)

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