

Curriculum Vitae



1. Personal information

01	Name Designation and Address	Dr. Kumaraswamy H.M., Associate Professor, Dept. Of Biotechnology and Bioinformatics Kuvempu University, Shankaraghatta-577451.
02	Contact Number and E-mail	+91 9482478923, 08282-256343 drkumarhm@gmail.com drhmklab@gmail.com hmk@kuvempu.ac.in
03	Date of Birth	01-06-1978
04	Gender and Marital status	Male Married
05	Nationality	Indian

2. Educational Qualifications

Sl. No	Name of the Degree	University/ Institution	Month and Year of Degree Awarded	Area of Research
01	Post Doc	Vanderbilt University-USA	2013	Cancer Biology
02	Ph.D	Kuvempu University	28 June 2008	Topic: Evaluation of Somaclonal variation, Phytochemical Constituents and Pharmacological activities of <i>in vitro</i> regenerants of <i>Embelia ribes</i> Burm. Phytochemistry, Pharmacology.
03	Post Graduate Degree	Kuvempu University	May 2004	Specialization: Biotechnology
04	Under Graduate Degree	Kuvempu University	May 2002	Chemistry, Botany and Zoology

3. Teaching Experience

Sl. No	Designation	University/ Institution	Period
01	Assistant Professor	Dept. Of Biotechnology, Kuvempu University	2021
02	Associate Professor	Dept. Of Biotechnology, Kuvempu University	2021- till to date

4. Academic Programs Taught: MSc., Biotechnology & Bioinformatics

Subject taught with specialization: Plant Biotechnology, Genetic Engineering, Industrial Biotechnology, Bio-chemistry, Phytochemistry, Biochemical techniques, Pharmacology, Cell biology.

5. Research Guidance

- ✓ PhD completed: 1
- ✓ Currently guiding: 5 PhD students
- ✓ Co guide: 4 PhD students
- ✓ Guided 36 MSc., Student Projects

6. Research Projects

Sl. No	Investigator/Co-investigator	Title of the Project	Funding Agency	Amount in Indian Rupees (INR)	Man Power appointed/Trained	Duration and Status (Ongoing/Completed)
01	Principal Investigator	Evaluation of Antiarthritic Property of the Bioactive Constituents of <i>Embelia ribes</i> Burm.	UGC	9,14,300	One project fellow	03 years, Completed
02	Mentor	Acetogenins Modulate ATM Signalling Pathway in Nicotine Induced Chemoresistance in Pancreatic Cancer	DST-WOSA	23,70,000	One Women Scientist	03 years, Ongoing
03	Principal Investigator	Embelin Can Modulate Ataxia-	DST-SERB	48,51,600	One project Assistant	completed

		Telangiectasia Mutated (ATM) Signalling In Nicotine Induced Chemoresistant Pancreatic Cancer				
04	Principal Investigator	Design and Development of Tumor Targetted Embelin loaded Nanoparticles	VGST	5,00,000		Completed
05	Co- Investigator	'Repositioning HIF1 alpha inhibitor BP-1B for DNA Damage Response (DDR) to induce BRCA ness in Cancer'	ICMR	69,00,000	One project Assistant	2022- 2025

7. Research Papers Published in National and International Journals

1. Navaneethgowda, P. V., Bodke, Y. D., Manjunatha, B., Kumaraswamy, H. M., & Meghana, P. (2023). Novel 1, 3-Indenedione-Based Azo Dyes: Synthesis, Characterization, Solvatochromic UV-Vis Absorption Study, and Biological Activity. *Russian Journal of General Chemistry*, 93(Suppl 4), S876-S884.
2. Prashanth, N., et al. "Nicotine promotes epithelial to mesenchymal transition and gemcitabine resistance via hENT1/RRM1 signalling in pancreatic cancer and chemosensitizing effects of Embelin-a naturally occurring benzoquinone." *Science of The Total Environment* (2023): 169727.
3. Rahman, A., Jain, R. S. K., Meghana, P., Nippu, B. N., Manjunatha, K. S., Rajaput, P. S., ..., H. M. Kumaraswamy & Satyanarayan, N. D., (2023). Tetrahydrobenzothiophene derivatives ameliorate Mia PaCa-2 cell progression and induces apoptosis via inhibiting EGFR2 tyrosine kinase signal. *Bioorganic Chemistry*, 106968.
4. B. N. Nippu, H.M. Kumaraswamy, N.D. Satyanarayan (2023). Exploration of Heterocyclic Molecules Inhibiting Angiogenesis Via VEGF Pathway Targeting VEGFR-2: An *In Silico*

Approach, *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*: 1-12.

5. Jain, R. S. K., Meghana, P., Prashanth, N., Kumar, J. S., Satyanarayan, N. D., Sharath, R., ... & **Kumaraswamy, H. M.** (2023). Phenolic fingerprint, proximate analysis and nutraceutical effects of *Garcinia talbotii*, an under-utilized functional food endemic to Western Ghats. *Food Bioscience*, 102894.
6. C Inchara Moodbagil, Riaz Mahmood, HM Kumaraswamy, Vivek Chandramohan, Manjunath Dammalli, R Sharath, P Meghana, R Sandeep Kumar Jain, N Prashanth, JR Samartha. (2023). Identification of potential inhibitors of ATM kinase: pharmacoinformatics and molecular dynamics simulation approach. *Molecular Simulation*, 1-9.
7. Nippu B N, Abdul Rahman, Sandeep Kumar Jain R, Manjunatha K S, **H M Kumaraswamy**, K M Mahadevan, N D Satyanarayan. (2023) Design, Synthesis and Anticancer Screening of Cu-Catalyzed SnAr Substituted Pyridine Bridged Ring Systems. *Journal of Molecular Structure*, 1277: 134829.
8. Meghana P, Sandeep Kumar Jain R, Prashanth N, Santos Kumar J U, Sharath R, Satyanarayan N D, Rajesh R, Inchara Moodbagil C & Kumaraswamy H M. (2022). *Artabotrys odoratissimus* Bark Extract Restores Ethanol Induced Redox Imbalance and Toxicity in Hepatocytes and In Vivo Model. *Applied Biochemistry and Biotechnology*, 195(5), 3366-3383.
9. A. Rahman, N.B. Ningegowda, M.K. Siddappa, M. Pargi, H.M. Kumaraswamy, N.D. Satyanarayan, R. Achur. (2022). Synthesis of Palladium-Catalysed C–C Bond Forming 5-Chloro Quinolines via Suzuki-Miyaura Coupling; Anti-Pancreatic Cancer Screening on PANC-1 Cell Lines. *Chemistry & Biodiversity*. 2.9
10. Abdul Rahman, Prashanth N, Nippu B N, **H M Kumaraswamy**, A N Rajeshwara, N D Satyanarayan. (2022). Synthesis and anticancer screening of some novel Pd-catalysed 3-methyl indole based analogues on MIA PaCa-2 cell line. *Journal of Molecular Structure*, 1264:133211. 3.8
11. Nippu B N, Sandeep Kumar Jain R, Abdul Rahman, **H M Kumaraswamy**, N D Satyanarayan. (2022). Design and synthesis of novel tetrazolo quinolone bridged isatin derivatives as potential anticancer leads against MIA PaCa-2 human pancreatic cancer cell line. *Journal of Molecular Structure*, 1263:133103 3.8
12. Moodbagil, C. I., Mahmood, R., Jain, R., Meghana, P., Prashanth, N., **Kumaraswamy, H. M.**, & Sharath, R. (2022), Docking Based Screening of Potent Flavonoids as CHK2 Inhibitors from Genus *Miliusa*. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 1-6.

13. Pargi, M., Jain Raviraj, S. K., Narayanappa, P., Urumarudappa, S. K. J., Malleshappa, P., & Malleshappa, K. H. (2022). Antiproliferative Effects of *Artabotrys odoratissimus* Fruit Extract and its Bioactive Fraction through Upregulation of p53/ γ H2AX Signals and G2/M Phase Arrest in MIA PaCa-2 Cells. *Anti-cancer agents in medicinal chemistry*, 22(17), 2998–3008. 2.8
14. Roy, R. D., Kandagalla, S., Krishnappa, V., Abid, R., **Honnenahally, K. M.**, & Krishnappa, M. (2022). Novel Insights into the Bioactive Metabolites of *Macrocybe gigantea* (Agaricomycetes), Using Gas Chromatography-Mass Spectrometry Combined with Chemoinformatic Approaches. *International Journal of Medicinal Mushrooms*, 24(3). 1.2
15. Manjunatha, Yadav D. Bodke, **H.M. Kumaraswamy**, K.M. Mussuvir Pasha, N. Prashanth, Priya R. Kadam. (2022). Synthesis, computational, hepatoprotective, antituberculosis, molecular docking studies of some coumarin derivatives. *Journal of Molecular Structure*, 1254:132410. 2.8
16. **Kumaraswamy, H. M.**, Krishna, V., Sharath, R., Satyanarayan, N. D., Meghana, P., Jain, R., Prashanth, N., & Raja Naika, H. (2022). Potential role of embelin in the prevention of Freund's adjuvant induced inflammation and ROS. *3 Biotech*, 12(1), 10. 1.3
17. Ereshanaik, M.C. Prabhakara, H.S. Bhojya Naik, B.R. Kirthan, **H.M. Kumaraswamy**, R. Sandeep Kumar Jain. (2022). DNA interaction studies of Cu(II), Co(II), and Ni(II) chelates derived from schiff base ligand. *Journal of the Indian Chemical Society*, 99(1):100288. 1.3
18. Manjunatha, Yadav D. Bodke, **H.M. Kumaraswamy**, P. Meghana, O. Nagaraja, G.C. Anjan kumar. (2022). Novel thioether linked 4-hydroxycoumarin derivatives: Synthesis, characterization, in vitro pharmacological investigation and molecular docking studies. *Journal of Molecular Structure*, 1249(4):131642. 3.8
19. H. Muktha, R. Sharath, Nagaraju Kottam, **H.M. Kumaraswamy**, S. Srinath. (2021). Carbon dots- A study of its cytotoxicity activity against HepG2 and MCF-7 cell lines. *Materials Today: Proceedings*, 48(3):608-612.
20. Lingaraju, K., Basavaraj, R. B., Jayanna, K., Bhavana, S., Devaraja, S., **Swamy, H. K.**, & Naika, H. R. (2021). Biocompatible fabrication of TiO₂ nanoparticles: Antimicrobial, anticoagulant, antiplatelet, direct hemolytic and cytotoxicity properties. *Inorganic Chemistry Communications*, 127, 108505.
21. Meghana P, Sandeep Kumar Jain R, Prashanth N & **Kumaraswamy H M.** (2020). Phytochemical profiling and screening of protective effects of *Artabotrys odoratissimus* on H₂O₂ induced oxidative stress in HEK-293 cells and erythrocytes. *Botany Letters*, 167:4, 471-484

22. P. Meghana, Jain R. Sandeep Kumar, Telkar Sandeep, N. Prashanth, **H.M. Kumaraswamy**. (2019). Acetogenins as potential checkpoint-2 kinase inhibitors: an *in silico* analysis. *Journal of Proteins and Proteomics*, 10:299-311.
23. Supriya Srinivasan, Tulasigeri Totiger, Chanjuan Shi, Jason Castellanos, Purushottam Lamichhane, Austin Dosch, Fanuel Messaggio, Nilesh Kashikar, **Kumaraswamy Honnenahally**, Yuguang Ban, Nipun Merchant, Michael VanSaun, and Nagaraj Nagathihalli. (2018). Tobacco Carcinogen-Induced GM-CSF Production Activates CREB to Promote Pancreatic Cancer. *Cancer Research*, 78(21), 6146–58
24. Arunodaya Hosahalli Sumithregowda, Krishna Venkatarangaiah, **Kumaraswamy Honnenahally**, Vinaykumar Nagenahalli Manjunath. (2017). Cytotoxicity and Oral Acute Toxicity Studies of *Litsea glutinosa* C. B (ROB) Stem Bark Ethanol Extract. *Pharmacognosy Journal*, 9(6):880-886.
25. Supriya Srinivasan, Venkatakrishna Jala, **Kumaraswamy Honnenahally**, Jason Castellanos, Praveen Kumar. (2017). Urolithin A prevents pancreatic tumor growth and increases survival by inhibiting PI3K/PDK1 and STAT3 signaling. AACR; *Cancer Research*, 77(13 Suppl):5259-5259 (conference Paper).
26. Jason Castellanos, Supriya Srinivasan, **Kumaraswamy Honnenahally**, Chanjuan Shi, Michael N Vansaun, David Robbins, Nipun B Merchant, Nagaraj Nagathihalli.(2016). Oncogenic mutant KRAS modulates CREB activation through MEK-ERK and AKT signaling in pancreatic cancer. AACR; *Cancer Research*, 76: 2618-2618(conference Paper).
27. Jason Castellanos, **Kumaraswamy Honnenahally**, Chanjuan Shi, Nipun Merchant, Nagaraj Nagathihalli. (2015). GM-CSF induces CREB signaling pathways and modulates tobacco carcinogen-induced pancreatic tumorigenesis. AACR; *Cancer Research*, 75(15 Suppl): 924-924(conference Paper). 11.2
28. **Kumaraswamy Honnenahally**, Chanjuan Shi, Xi Chen, Jason Castellanos, Nipun Merchant, Timothy Blackwell, Nagaraj Nagathihalli. (2015). Abstract A33: γ H2AX: A molecular marker of DNA damage response in smoking-induced pancreatic ductal adenocarcinoma. AACR; *Cancer Research*, 75(13 Suppl):A33-A33 (conference Paper). 11.2
29. Mahadevappa Paramesha, Chapeyil Kumaran Ramesh, Venkatarangaiah Krishna, H. Malleshappa Kumar Swamy, S. J. Aditya Rao. (2015). Effect of dehydroabietylamine in angiogenesis and GSK3- β inhibition during wound healing activity in rats. *Medicinal Chemistry Research*, 24(1): 295. 2.6
30. N. Nagathihalli, **K. Honnenahally**, H. Tanjore , F. Revetta , X. Chen ,J. Castellanos , C. Shi , N. Merchant. (2014). Smoking-Induced DNA Damage Results in ATM-Dependent

Phosphorylation of Histone H2AX in Pancreatic Cancer. *Pancreas*, 43(8):1394-1394 (conference Paper).

31. Khadeer B. M. Ahamed Harish Basavanthappa Gowdru, Sharath Rajashekarappa **Kumar Swamy H. Malleshappa** Venkatarangaiah Krishna, (2013). Molecular docking of glycogen synthase kinase3- β inhibitor oleanolic acid and its wound-healing activity in rats. *Medicinal Chemistry Research*, 22(1), 156-164.
32. Harish B. Gowdru, Shrath Rajashekarappa, **Kumara Swamy H. Malleshappa**, Katenahally R. Maruthi, Venkatarangaiah Krishna. (2011). In Vitro Regeneration of Inflorescence and Callus Enhancement of *Celastrus paniculatus* Willd. *Medicinal and Aromatic Plant Science Biotechnology*, 5(2): 147-151.
33. R. Sharath, B.G. Harish, V. Krishna, B.N. Sathyanarayana and **H.M. Kumara Swamy** (2010). Wound healing and protease inhibition activity of Bacoside-A, isolated from *Bacopa monnieri* wettest. *Phytotherapy Research*, 24: 1217-1222.
34. B.G. Harish., V. Krishna., H.S. Santhosh Kumar, B.M. Khdeer Ahamed, R. Sharath, **H.M Kumaraswamy**. (2008). Wound healing activity and docking of glycogen-synthase-kinase-3- β -protein with isolated 7enzodiazepin lupeol in rats. *Phytomedicine* 15, 763–767.
35. Prabhakara, M. C., Naik, H. S. Bhojya, Krishna, V. and **Kumaraswamy, H. M.** (2007). Binding and oxidative cleavage studies of DNA by mixed ligand Co (III) and Ni (II) complexes of quinolo [3, 2-b] 7enzodiazepine and 1, 10-phenanthroline. *Nucleosides, Nucleotides and Nucleic Acids*, 26:5, 459 – 471.
36. **Kumaraswamy H.M.**, Krishna,V., Shankarmurthy,K., Abdul Rahiman,B, Mankani, K.L., Mahadevan,K.M., Harish,B.G.,and Raja Naika,H (2007). Wound healing activity of embelin isolated from the ethanol extract of leaves of *Embelia ribes* Burm. *Journal of Ethnopharmacology*. 109: 529-534.
37. Rajnaika H, Krishna .V, Vardaraj. N and **Kumaraswamy H.M** (2007). Micropropagation and Evaluation of Genetic variability among in Vitro regenerants of *Nervalia zeylanica* (L.) DC. *Medicinal and Aromatic Plant Science Biotechnology*, 1(1)112-117.
38. Harish B. G, Krishna,V. Sharath R, **H.M. Kumara swamy**, Raja naika H., Mahadevan K. M. (2007). Antibacterial activity of celapanin, a sesquiterpene isolated from the leaves of *Celastrus paniculatus* Willd. *Int. J. Bio Med. Pharma. Sci*, 1(1):65-68.
39. B.M. Khadeer Ahamed, V. Krishna., Harish B.Gowdru., H. Raja Naika, **H.M. Kumaraswamy**, R. Sharath, J. D. Chethan, K.M. Mahadevan. (2007). Isolation of bacterial constituents from the stem bark extract of *Grewia tiliaefolia* Vahl. *Research journal of Medicinal Plants*, 1(3):72-82.

8. Workshop attended:

- Integrated OMICS III (Genomics, Proteomics and Bioinformatics) at NCBS, TIFR Bangalore from 19th – 23rd Sep 2022.

9. Conferences, Seminars etc., Attended and Papers presented

Sl. No	Seminar/Conference	Date	Title of the Paper Presented	Remarks
01	Conference	2006	Evaluation of hepatoprotective activity of embelin isolated from <i>Embelia ribes</i> Burm.	Poster presentation
02	Seminar	2006	Intellectual Property Rights'	Poster presentation
03	National Seminar	2006	on Biochemistry, Biotechnology and Nanotechnology-21 st Century	Poster presentation
04	International Conference	2007	Evaluation of Antimutagenic activity of embelin an active constituent isolated from <i>Embelia ribes</i> Burm.	Poster presentation
05	National Conference	2007	Evaluation of Antioxidant activity of embelin an active constituent isolated from <i>Embelia ribes</i> Burm.	Poster presentation
06	International symposium	2009	Screening of Somoclonal variation by using RAPD marker among in vitro regenerants of <i>Embelia ribes</i> Burm.	Poster presentation
07	State level conference Mesmerizing Fields of Biotechnology	8 th & 9 th April 2011	Plantlet regeneration from anther callus of <i>Embelia ribes</i> Burm.	Oral presentation
08	State level conference Dissecting the complexities of plant Biotechnology in the Post genomic era.	21 Sep 2011	Isolation and Characterization of Embelin a benzoquinone from seeds of <i>Embelia ribes</i> Burm.	Poster presentation
09	International conference-AACR-NEW ORELANCE-USA	May 18-21, 2014	Gamma H2AX a molecular marker for smoking induced pancreatic ductal adeno carcinoma.	Poster presentation
10	International conference-APA-	Nov 5-8, 2014	Smoking induced DNA damage results in ATM dependent phosphorylation of Histone H2AX	Oral-Young Investigator Award from American

	HAWAII-USA		in pancreatic cancer.	Pancreatic Association
11	28 th All India Congress of Zoology & International symposium- Davangere	Oct 20-22, 2016	Xanthones as potential human vascular endothelial growth factor receptor 2 (kdr) kinase domain inhibitors: An <i>in silico</i> analysis	Poster presentation
12	28 th All India Congress of Zoology & International symposium- Davangere	Oct 20-22, 2016	Alkaloids from <i>Artbotyrs</i> Species as potential Chk2 kinase inhibitors: An <i>in silico</i> analysis	Poster presentation
13	National seminar on Frontier Research in Diversity and Taxonomy of Medicinal Plants	Nov 4-5, 2016	Phytochemical investigation of <i>Garcinia talbotii</i> . Raizada, an endemic plant of the western ghats.	Poster presentation
14	National seminar on Frontier Research in Diversity and Taxonomy of Medicinal Plants	Nov 4-5, 2016	Acetogenins as potential checkpoint-2 kinase inhibitors: An <i>in silico</i> analysis	Poster presentation
15	International Symposium on "Developing Drugs for Tomorrow (Challenges and Opportunities) – AIMM, Karnataka.	Jan 1-3 2018	In vitro Protective Effects of <i>Garcinia talbotii</i> . Raizada Extracts on Induced Oxidative Damage.	Poster presentation
16	International Symposium on "Developing Drugs for Tomorrow (Challenges and Opportunities) – AIMM, Karnataka.	Jan 1-3 2018	Acetogenins as Phoshatidyl inositol-3-Phosphate kinase inhibitors: An <i>insilico</i> analysis	Poster presentation
17	International Symposium on "Developing Drugs for Tomorrow (Challenges and Opportunities) –	Jan 1-3 2018	Screening of phytoconstituents and evaluation of antioxidant activity of <i>Archidendron monadelphum</i> .	Poster presentation

	AIMM, Karnataka.			
18	International Symposium on “Developing Drugs for Tomorrow (Challenges and Opportunities) – AIMM, Karnataka.	Jan 1-3 2018	Screening of phytoconstituents and evaluation of antioxidant activity of <i>Nothopegia racemosa</i> (Dalz.) Ramam.	Poster presentation
19	Indian Association for Cancer Research-Annual Conference, Thiruvananthapuram, India.	Feb 5-7 2020	Antineoplastic effects of <i>Garcinia talbotii</i> extracts on Human Pancreatic cancer cell lines.	Poster presentation
20	Indian Association for Cancer Research-Annual Conference, Thiruvananthapuram, India.	Feb 5-7 2020	Antiproliferative effects of ethyl acetate extract from <i>Artabotrys odoratissimus</i> R.Br.	Poster presentation
21	Indian Association for Cancer Research-Annual Conference, Thiruvananthapuram, India.	Feb 5-7 2020	Investigation of Gemcitabine Resistance in Nicotine Mediated Pancreatic Tumor Micro-Environment.	Poster presentation
22	Indian Association for Cancer Research-Annual Conference, Thiruvananthapuram, India.	Feb 5-7 2020	Design and development of tumour targeted embelin loaded nanoparticles.	Oral presentation
23	International Conference on Artificial Intelligence and Soft Computing (ICAISC-2021)	Feb 11-13 2021	Xanthenes as potential human vascular endothelial growth factor receptor 2 (kdr) kinase domain inhibitors: an in silico analysis	Oral presentation
24	International Conference on Artificial Intelligence and Soft Computing (ICAISC-2021)	Feb 11-13 2021	Docking based screening of potent flavonoids as CHK2 inhibitors from Genus <i>Miliusa</i> .	Oral presentation
25	ಕನ್ನಡ ವಿಜ್ಞಾನ	Sep 15- 17	ಮನೋರಂಜಿನಿ: ಸುಗಂಧಭರಿತ ಸಸ್ಯದ ಅಧ್ಯಯನದ ಔಷಧೀಯ	Oral presentation

	ಸಮ್ಮೇಳನ -2021	2021	ಗುಣಗಳು.	
26	ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ -2021	Sep 15- 17 2021	ಮೇಧೋಜೀರಕ ಗ್ರಂಥೀಯ (ಪ್ರಾಂಕ್ರಿಯಾಟಿಕ್) ಕ್ಯಾನ್ಸರ್ ನಿರೋಧಕ ಪ್ರೇರಿತ ಔಷಧ ಪ್ರತಿರೋಧ ಮತ್ತು ಅದರ ಸಂವೇಧನಾಶೀಲತೆ.	Oral presentation
27	ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ -2021	Sep 15- 17 2021	ಅಳಿವಿನಂಚಿನಲ್ಲಿರುವ ಪ್ರಬೇಧ "ಹಕ್ಕರಾ" ಬುಡಕಟ್ಟು ಜನಾಂಗದ ಸಂಜೀವಿನಿ.	Oral presentation
28	ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ -2021	Sep 15- 17 2021	ಪಶ್ಚಿಮ ಘಟ್ಟಗಳ ಮಳೆಕಾಡು ಸುತ್ತಲಿನ ಹಳ್ಳಿಗರ ಆಹಾರ ಭದ್ರತೆಯಲ್ಲಿ ಕಾಡು ತರಕಾರಿಗಳ ಪಾತ್ರ ಮತ್ತು ಪ್ರಾಮುಖ್ಯತೆ.	Oral presentation
29	ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ -2021	Sep 15- 17 2021	ಸಸ್ಯಗಳ ಬೆಳವಣಿಗೆಯಲ್ಲಿ ಅಂತರ ಸೂಕ್ಷ್ಮಣು ಸಹಜೀವಿಗಳ ಪಾತ್ರ	Oral presentation
30	IABMS –NITTE 2021	Nov 25-27 2021	<i>Artabotrys odoratissimus</i> bark extract ameliorates ethanol induced oxidative stress <i>in vitro</i> and <i>in vivo</i> through down regulation of ERK signaling.	Poster presentation
31	IABMS –NITTE 2021	Nov 25-27 2021	<i>Garcinia talbotii</i> fruit extract triggers P53 mediated apoptosis in human pancreatic cancer cells.	Poster presentation
32	IABMS –NITTE 2021	Nov 25-27 2021	Chemo-sensitization and ROS mediated apoptosis induced by evodiamine in pancreatic ductal adeno carcinoma (PDAC).	Poster presentation
33	IABMS –NITTE 2021	Nov 25-27 2021	Active principles of genus <i>Milium</i> modulates ATM signaling pathway: Molecular docking and Molecular dynamic simulation study.	Poster presentation
34	IABMS –NITTE 2021	Nov 25-27 2021	Mineral content of wild vegetables from central western ghats and their significance in nutritional security of rural population.	Poster presentation

35	43 rd Indian association for cancer research-2024, IISER Pune	Jan 19-22 2024	Nicotine promotes EMT and Gemcitabine Resistance via hENT/RRM1 signalling in Pancreatic cancer and chemosensitizing effects of Embelin- a naturally occurring Benzoquinone.	Poster presentation
36	National conference on Emerging Trends in Biomedical Research, SDM University, Dharwad.	Feb 23-24 2024	Plant based natural products as anticancer agents: Embelin a natural benzoquinone sensitizes nicotine induced EMT in pancreatic cancer.	Oral presentation

10. Administrative Experience

Sl.No	Position	Organization	Duration	Responsibilities
01	Member	School of Biological Sciences	One year	PhD Doctoral Committee examination, M.Phil., examination
02	Chairman	Board of examination	2017-18	Conducting Practical Exams and Evaluation of theory Papers

11. Memberships of University Bodies/other organizations

Sl. No	University/ Organization /Institute Body	Nature of Association	Period
01	Kuvempu University	Member, Board of Examination	2012 onwards
02	Kuvempu University	Executive member, Kuvempu university Teachers Association	2012-13
03	Society of Biological Chemist	Life time member	2014 onwards
04	Indian Association for Cancer Research	Life time member	2019 onwards
05	Association of Food Scientists & Technologists (INDIA)	Life time member	2022 onwards

12. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received.

Sl.No	Name of Award	Awarding Agency	Year
1.	C.V. Raman Post-doctoral fellowship	UGC, New Delhi	2013
2.	Young Investigator Award	American Pancreatic Association	2014
3.	Young Scientist Award	VGST-Karnataka	2017