

FACULTY PROFILE

Dr. POORNIMA D.V.

Assistant Professor

Department of studies in Food Technology

Qualification : M.Sc., M.Phil., Ph.D.

Areas of Specialization : Plant Biochemistry, Food Biochemistry

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Vision

- Functional Foods for treating NAFLD, Cancer and Neurodegenerative disorders
- To establish a laboratory to study and understand the Microbiome, Neuroprotection and NAFLD
- To evaluate the biological properties of Plant Secondary metabolites and their Nanoformulations.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	Ph.D.	BIOCHEMISTRY	Kuvempu University Shankaraghatta, Karnataka. Prof. G.J. SATHISHA Department of Biochemistry	2018
2	M.Phil.	BIOCHEMISTRY	Kuvempu University Shankaraghatta, Karnataka. Prof. B. MADHUSUDAN Department of Biochemistry	2009
3	NET/SLET	K-SET (SLET)	University of Mysore	2013
4	PG	BIOCHEMISTRY	Kuvempu University Shankaraghatta, Karnataka	1996
5	UG (B.Sc.)	CHEMISTRY BOTANY ZOOLOGY	Kuvempu University Shankaraghatta, Karnataka	1993

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Guest Lecturer	Kuvempu University	P.G.	01-05-1997	17-08-2009
2	Guest Lecturer	Davangere University	P.G.	18-08-2009	16-08-2019
3	Assistant Professor	Davangere University	P.G.	19-08-2019	Till-date

Areas of Research Interest:	
1.	Food Biochemistry, Neuroscience, Plant Biochemistry
Research Publications:	
Recent Publications- 2019 onwards	
a) International Journals	
1.	Poornima D.Vijendra , Sathisha G. Jayanna, Vadlapudi Kumar, Torankumar Sannabommaji, Rajashekar J, Hari Gajula (2020). Product enhancement of triterpenoid saponins in cell suspension cultures of <i>Leucas aspera</i> Spreng. Industrial Crops and Products , 156 . (112857) (Impact factor: 6.4) Q1
2.	Rajashekar J, Kumar V, Poornima D V , Hari G, Torankumar S, <i>Gymnema sylvestre</i> amyrin synthase mRNA, complete cds, Direct submission to NCBI, (2020), GenBank: MT001823.1
3.	Hari Gajula, Vadlapudi Kumar, Poornima D Vijendra , Rajashekar J, Torankumar Sannabommaji, Giridhara Basappa, (2021). <i>In vitro</i> regeneration of <i>Psoralea corylifolia</i> Linn. : Involvement of endogenous polyamines during in vitro shoot development, In Vitro Cellular & Developmental Biology – Plant , ISSN: 1573-5044, (Impact Factor: 2.2) Q2
4.	Pratap G. Kenchappa, Poornima D Vijendra , Raghavendra L.S Hallur, Ajay S. Khandagale, Ashok Kumar Pandurangan, Sathisha G. Jayanna, Mohammed Alshehri, Abdulrahman Alasmari, Samy Sayed, Manjula Shantaram and Muntazir Mushtaq (2023). In vitro evaluation of the neuroprotective potential of <i>Olea dioica</i> Roxb against A β peptide-induced toxicity in human neuroblastoma SH-SY5Y cells, Front. Pharmacol. 14:1139606 . doi: 10.3389/fphar.2023.1139606C (Impact Factor: 5.4) Q1
5.	Mohd Kashif, Prathibha Sivaprakasam, Poornima D Vijendra , Mohd Waseem and Ashok Kumar Pandurangan, (Nov. 2023) A recent update on Pathophysiology and therapeutic interventions of Alzheimer's disease, Current Pharmaceutical Design , 29 (43): 3428-3441 . (Impact factor: 3.2) DOI: 10.2174/0113816128264355231121064704, PMID: 38038007 Q2
6.	Valleti PV, Kumar V, Ramayanam PK, Gopalappa R, Vijendra Dittakoppa P , Cm A, Sillanpaa M, Al-Farraj S. (2024 Feb). Multifaceted Anticancer Potential of <i>Gnidia glauca</i> (Fresen.) Gilg Leaf Alkaloids: Impact on Multiple Cellular Targets. ACS Omega . 13;9(8):9615-9624. doi: 10.1021/acsomega.3c09578. PMID: 38434881; PMCID: PMC10905703, (Impact factor: 5.2) Q2
7.	Kumar Gajendra, Pratap GK, Poornima DV , Manjula Shantaram and Ranjita G (2024). Natural Acetylcholinesterase inhibitor derivative of Medicinal plants: multi-target

	therapeutic potential agents against Alzheimer's Disease, Eur. J. Med. Chem. Rep. ; 11, 100154, ISSN 2772-4174, https://doi.org/10.1016/j.ejmcr.2024.100154 . (https://www.sciencedirect.com/science/article/pii/S2772417424000268) (Impact factor:6.7) Q1
8.	Vivek Poorna Valleti, Kumar Vadlapudi, Pradeep Kumar Ramayanam, Ranjitha G, Poornima Vijendra Ditekoppa , Anuradha C.M. (Aug 2025). Exploring the Antimitotic, Thrombolytic and Cytotoxic Properties of Lasiosiphon glaucus or <i>Gnidia glauca</i> (Fresen.) Gilg Leaf Alkaloid Extract: Insights from Experimental and In Silico Investigations, Natural Product Research GNPL ; 39(16):4757-4761 . doi: 10.1080/14786419.2024.2349256. Epub 2024 May 6. PMID: 38706426. (Impact factor: 1.8) Q2
9.	Vishala Eshwarappa, Vadlapudi Kumar, Poornima Ditekoppa Vijendra* , Pratap G Kenchappa, Prathap H Manjunathaswamy, Ruksana Fayaz Ahamad , Poorna Vivek Valleti (2025). Elicitation Strategies for the Production of Bioactive Triterpenoid Saponins in Cell Suspension Cultures of <i>Gnidia glauca</i> (Fresen.) Gilg , Ind. Crops Prod. 225, 1–15. https://doi.org/10.1016/j.indcrop.2025.120576 . (Impact factor:6.4) Q1
10.	Poorna Vivek Valleti, Vadlapudi Kumar*, Poornima Vijendra Ditekoppa , Anuradha CM, Manjunatha T, Vishala Eshwarappa, Ruksana F, Savitharani M, Ranjitha G (2026). Integrative ethnopharmacological and mechanistic evaluation of <i>Gnidia glauca</i> alkaloids: Multi-target anticancer potential correlated with traditional use. Journal of Ethnopharmacology . https://doi.org/10.1016/j.jep.2025.121098 (Impact factor:6.8) Q1
11.	Kumar, V., Raghavendra, H. L., Poorna Vivek, V., Poornima D.V , Manjunatha, T. (2026). Multi-Target Antidiabetic Activity of a Rational Phytochemical Combination: Integrated Experimental and Network Pharmacology Evaluation Phytomedicine . Manuscript Number: PHYMED-D-26-06643 . (Submitted).
12.	Ranjitha Gopalappa, Pratap G Kenchappa, Poorna Vivek Valleti, Vishala Eshwarappa, Harshini V K, Vadlapudi Kumar, Yalpi Karthik, Poornima Ditekoppa Vijendra* , Manoj Kumar Arthikala* (2026). A Review on Molecular Aspects of Dietary Melatonin: Implications for Endocrine Functions and Disease Prevention. Hormones and Behaviour (submitted).
13.	Sachin Gudasi, Vishala Eshwarappa, Pratap G Kenchappa, Vadlapudi Kumar, Harshini V Kumar, Ashok Kumar Pandurangan, Poornima Ditekoppa Vijendra* (2026). Organic Mineral Wine from <i>Terminalia catappa</i> (Indian almond) Fruit Flesh and its Volatile Composition. (submitted).
14.	Vishala Eshwarappa, Vadlapudi Kumar, Poornima Ditekoppa Vijendra* , Pratap G Kenchappa, Poorna Vivek Valleti, Ranjitha Gopalappa, Ashok Kumar Pandurangan , V. K Harshini, (2026). Phytochemical Insights and Cytotoxic Potential of <i>Gnidia glauca</i> Leaf Epicuticular Wax.

	Publications upto 2019
15.	Vadlapudi Kumar, Chethan S Kumar, Gajula Hari, Nayana K Venugopal, Poornima D Vijendra and Giridhara Basappa (2013). Homology modeling and docking studies on oxidosqualene cyclases associated with primary and secondary metabolism of <i>Centella asiatica</i> . Springer Plus 2 : 189. (Impact factor: 1.846)
16.	Giridhara Basappa, Vadlapudi Kumar, Sarojini BK, Poornima DV , Hari Gajula, Toran Kumar Sannabommaji and Rajashekar J (2015). Chemical composition, biological properties of <i>Anisomeles indica</i> Kuntze essential oil. Industrial Crops and Products 77 : 89-96. (Impact factor: 6.2) Q1
17.	Giridhara Basappa, Vadlapudi Kumar, Sarojini B K, Poornima D V , Hari Gajula, Torankumar Sannabommaji, Rajashekar J, (2015). Antidiabetic activity of <i>Anisomeles indica</i> Kuntze leaf flavonoid fraction in normal and alloxan induced diabetic mice, International Journal of Advanced Research , 3(11), 921-927. (Impact factor: 0.07)
18.	Poornima D. Vijendra , KavithaM. Huchappa, Roopa Lingappa, Giridhara Basappa, Sathisha G. Jayanna and Vadlapudi Kumar (2016). Physiological and Biochemical Changes in Moth Bean (<i>Vigna aconitifolia</i> L.) under Cadmium Stress. Journal of Botany , Article ID 6403938, 13 pages http://dx.doi.org/10.1155/2016/6403938 .
19.	Giridhara Basappa, Vadlapudi Kumar, Sarojini BK, Poornima DV , Hari Gajula, Torankumar Sannabommaji and Rajashekar J (2016). Toxicity evaluation of <i>Anisomeles indica</i> Kuntze leaf flavonoid fraction. J Pharmacogn Nat Prod 2 :3 DOI: 10.4172/2472-0992.1000122. (Impact factor: 1.52)
20.	Poornima D.Vijendra , Sathisha G. Jayanna, Vadlapudi Kumar, Hari Gajula, Rajashekar J, Torankumar Sannabommaji, Giridhara Basappa and Anuradha C.M. (2017). Rapid <i>in vitro</i> propagation of <i>Leucas aspera</i> Spreng. A potential multipurpose Indian medicinal herb. Industrial Crops and Products 107 :281-287. (Impact factor: 6.2) Q1
21.	Hari Gajula, Vadlapudi Kumar, Poornima D. Vijendra , Rajashekar J., Torankumar Sannabommaji, Giridhara Basappa (2018). A combination of elicitor and precursor enhances psoralen production in <i>Psoralea corylifolia</i> Linn. suspension cultures. Industrial Crops and Products 124 : 685–691. (Impact factor: 6.2) Q1
b) National Journals	
Recent Publications- 2019 onwards	
1.	Torankumar Sannabommaji, Vadlapudi Kumar, Poornima DV , Giridhara Basappa, Hari Gajula and Rajashekar J (2019). Antibacterial Activity of <i>Gnidia glauca</i> (Fresen) Gilg. Phytochemical Extracts against Rice Bacterial Blight Pathogen <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . Ind. J. Pure App. Biosci. 7(5) : 287-296.
2.	Manjunatha L., Vadlapudi Kumar, Torankumar Sannabommaji, Poornima DV , Rajashekar J and Hari Gajula (2019). <i>In vitro</i> antioxidant and antidiabetic properties of

	<i>Eryngium foetidum</i> Linn. Biomedicine 39(4). (Impact factor: 0.16)
3.	Manjunatha L., Vadlapudi Kumar, Torankumar Sannabommaji, Poornima DV , Rajashekar J and Hari Gajula (2019). Influence of Nickel Treatment on Antioxidant Responses and Secondary Metabolite Production in <i>Eryngium foetidum</i> Linn. Ind. J. Pure App. Biosci. 7(5): 314-326.
4.	Torankumar Sannabommaji, Vadlapudi Kumar, Poornima DV , Giridhara Basappa, Gajula Hari and Rajashekar J (2019). Exploration of Antibacterial Properties of <i>Gnidia glauca</i> (Fresen) Glig. Leaf Saponin Fraction. International Journal of Pharmacognosy and Phytochemical Research. 12(1): 1-6. (Impact factor: 0.121)
5.	Rajashekar J, Kumar V, Poornima D V , Hari G, Torankumar S, Raghuramulu D (2021). Elicitor optimization for gymnemic acid production in cell suspension cultures of <i>Gymnema sylvestre</i> R.Br. International journal of Biology, Pharmacy and Allied Sciences. 10(3): 1112-1121. (Impact factor: 0.667)
6.	Rajashekar J, Kumar V, Poornima D V , Hari G, Torankumar S, Raghuramulu D (2021). Dose dependent effect of silver nitrate on gymnemic acid production in cell suspension cultures of <i>Gymnema sylvestre</i> R.Br. Biomedicine. 41(1): 16-22. (Impact factor: 0.16).
7.	Ghouseul Azam, Sathisha G. Jayanna, Anitha Nelliankla, Vasanthraj Boraiah, Sujatha M. Hanumegowda, Devaraja Sannanangaiah, Poornima D. Vijendra , Vadlapudi Kumar, Riaz Mahmood (2022). Evaluation of in vitro antioxidant, anti-inflammatory, anticoagulant and antiplatelet potential of <i>Rhus mysorensis</i> Biomedicine. 41(4): 724-731. (Impact factor: 0.16).
8.	Vishala E, Vadlapudi Kumar, Ruksana F, Poornima D.V. , Anuradha C.M., Prathap H.M., Pratap G.K., Savitharani M., Manjunatha T (2022). Phytocompounds profiling in cell suspensions extracts of <i>Gnidia glauca</i> (Fresen.) Gilg Ind. J. Pure App. Biosci. 11(2), 23-29. DOI: 10.18782/2582 – 2845. ISSN: 2582 – 2845
9.	Vishala E, Vadlapudi Kumar, Ruksana F, Poornima D.V. , Anuradha C.M., Prathap H.M., Pratap G.K., Savitharani M., Manjunatha T (2023). Hemolytic saponins product enhancement in cell suspension cultures of <i>Gnidia glauca</i> (Fresen.) Gilg. Biomedicine 43(01):291-298. https://biomedicineonline.org/index.php/home/article/view/2298 (Impact factor: 0.16).
10.	Pratap GK, Manjula Shantaram, Raghavendra HL, Santosh Kumar M, Harshini VK, Poornima DV (2023). A Comprehensive Analysis of Wild Edible Fruits from the Rangayyanadurga Four-Horned Antelope Wildlife Sanctuary. Biomedicine 43(02):545-53. https://biomedicineonline.org/index.php/home/article/view/2647 (Impact factor: 0.16).
11.	Ruksana F, Vadlapudi Kumar, Vishala E, Poornima D.V , Anuradha C.M, Prathap H.M, Savitharani M, Manjunatha T (2023). Quantification and FTIR Analysis of Precursor Mediated Alkaloid Production in Cell Suspension Culture of <i>Gnidia glauca</i> (Fresen.) Gilg. Ind. J. Pure App. Biosci. 11(3), 9-16. DOI: http://dx.doi.org/10.18782/2582-2845.8982.

	ISSN: 2582 – 2845.
12.	Manjunatha T., Vadlapudi Kumar, Ruksana F, Poornima D.V , Prathap H.M, Savitharani M, Vishala E (2023). Evaluation of In vitro Anti-inflammatory and Thrombolytic Activities of <i>Anisomeles indica</i> Kuntze. Ind. J. Pure App. Biosci. 11(2), 61-71. DOI: http://dx.doi.org/10.18782/2582-2845.8981 . ISSN: 2582 – 2845
13.	Ruksana F, Vadlapudi Kumar, Vishala E, Poornima D.V , Anuradha C.M, Prathap H.M, Savitharani M, Manjunatha T (2023). A non-destructive harvesting method to produce biologically active phenolics and flavonoids of <i>Gnidia glauca</i> (Fresen.) Gilg. Biomedicine 43(3): 843-849. DOI: https://doi.org/10.51248/.v43i3.3191 .
14.	Manjunatha T., Vadlapudi Kumar., Prathap H.M., Poornima D.V. , Ruksana F., Vishala E., Savitharani M., Anuradha C.M. (2023). Evaluation of in vitro antioxidant potential of <i>Anisomeles indica</i> Kuntze and exploration of its bioactive phytoconstituents. Biomedicine 43(3): 873-88. DOI: https://doi.org/10.51248/.v43i3.2541 .
15.	Pradeep Kumar Ramayanam, Kumar Vadlapudi, Vivek Poorna Valleti, Ranjitha G, Poornima D. V. , Anuradha C.M. (2024). Unveiling the medicinal potential of <i>Memecylon malabaricum</i> (c.b. clarke) Cogn.: Phytochemical insights and cytotoxic profiling for therapeutic advancements. International Journal of Scientific Research 13(2), ISSN No. 2277 – 8179. DOI : 10.36106/ijsr
16.	Pradeep Kumar Ramayanam, Vadlapudi Kumar, Poorna Vivek Valleti, Ranjitha G, Poornima DV , and Anuradha CM (Oct 2025). Phytochemical profiling, Cytotoxicity and Anti-inflammatory potential of <i>Memecylon malabaricum</i> (C.B. Clarke) Cogn. leaf extract. Journal of Natural Remedies 25(10), 2447-2457. eISSN: 2320-3358. DOI: 10.18311/jnr/2025/50295 Q3, (IF-0.39)
17.	Shafiabegum, Poornima Dittakoppa Vijendra* , Ambrish Ganachari, Udaykumar Nidoni, Sharanabasappa B. Yeri, Shrinivas Deshpande, Vadlapudi Kumar, G. K. Pratap and Poorna Vivek Valleti. (2026). Physico-Chemical Properties of Traditional Rajmudi Rice: A Comprehensive Evaluation. European Journal of Nutrition & Food Safety 18(7), 301-310, DOI: https://doi.org/10.9734/ejnfs/2026/v18i72109 ; Article no.EJNFS.162083 ISSN: 2347-5641;
18.	Shafiabegum, Poornima Dittakoppa Vijendra* , Ambrish Ganachari, Noor Nameera Khanum, Udaykumar Nidoni, Sharangoudar Hiregoudar, Shrinivas Deshpande, Sharanabasappa B. Yeri , Vadlapudi Kumar, Pratap G Kenchappa and Poorna Vivek Valleti. (2026). Physical Properties of Browntop Millet, Rajmudi Rice, and Polished Rice: A Comparative Characterization. Journal of Scientific Research and Reports 32(8), 830-840, DOI: https://doi.org/10.9734/jsrr/2026/v32i84422 ; Article no.JSRR.163504 ISSN: 2320-0227
	Publications upto 2019

19.	Kumar V, Poornima DV , Anuradha CM, and Suresh Kumar Chitta (2008) Biochemical changes during callus regeneration in <i>Ficus carica</i> L. (c.v. Gular). Journal of Ecobiology ISSN: 0970-9037, 22(2) : 183-188.
20.	Vadlapudi Kumar, Ramakrishna Golla, Poornima DV , Anuradha CM, Suresh Kumar Chitta, Satisha GJ (2012). Changes in nitrogen assimilating enzymes during <i>in vitro</i> plant regeneration in <i>Plumbago zeylanica</i> L. Soushrutam 1(1) : 1-14.
21.	Poornima DV , Divakara R, Roopa K, Hari Gajula, Rajashekar J, Sathisha GJ, Vadlapudi Kumar (2015) Differential response of two safflower (<i>Carthamus tinctorius</i> L.) cultivars to NaCl stress. The Journal for Cell Biology . Photon 106: 525-537.
22.	Poornima D.Vijendra , Sathisha G. Jayanna, Vadlapudi Kumar, Hari Gajula, Rajashekar J, Torankumar Sannabommaji and Giridhara Basappa (2017). Antioxidant status during <i>in vitro</i> plant regeneration in <i>Leucas aspera</i> Spreng. International Journal of Pure & Applied Bioscience Manuscript No: IJPAB-2017-5133. (Impact factor: 0.654)
23.	Hari Gajula, Vadlapudi Kumar, Poornima D Vijendra , Rajashekar J, Torankumar Sannabommaji, Giridhara Basappa (2018). Distribution of psoralen in different organs of <i>Psoralea corylifolia</i> L. Journal of Pharmacognosy and Phytochemistry 7(6) : 300-302. (Impact factor: 0.454)
c) International Conference	
1.	Suchitra S, Sree Vidya BN, Nagaveni L, Divakara R, Madhumathi G Hiremath, Poornima DV , Kumar V and Suresh Kumar Chitta (2001). Physiological and Biochemical Changes in Chick pea (<i>Cicer arietinum</i> L.) during Salt Stress. In : Proceedings of 70 th Annual Meeting of Society of Biological Chemists (India), Hyderabad. P2B35 pp. 179.
2.	Roopa K, Divakara R, Savitha KR, Madhumathi G Hiremath, Poornima DV , Kumar V and Suresh Kumar Chitta (2001). Studies on Anti-oxidant Enzyme Changes in Safflower (<i>Carthamus tinctorius</i> L.) during Salt Stress. In : Proceedings of 70 th Annual Meeting of Society of Biological Chemists (India), Hyderabad. P2B34, pp. 179.
3.	70th Annual Meeting of Society of Biological Chemists (India) , organized by Department of Biochemistry, Osmania University, Hyderabad, 27 th 29 th , December, 2001.
4.	Poornima D.Vijendra , Sathisha G. Jayanna and Vadlapudi Kumar (2016). Alternative strategy for the production of <i>Leucas aspera</i> Spreng. Saponins. Presented at International Conference on Understanding the Molecules of Life in the Era of New Biology, pp.139. Organized by Departments of Life Sciences, Davangere University from 20 th to 22 nd October, 2016 (PP05 under Role of Biotechnology and Environmental Production).
d) National Conference	
Recent National conference- 2019 onwards	
1.	Oral presentation: ಪೂರ್ಣಿಮಾ ಡಿ. ವಿಜೇಂದ್ರ, ಸತೀಶ ಜಿ.ಜಯಣ್ಣ ಮತ್ತು ವಡ್ಲಪೂಡಿ ಕುಮಾರ್. ತುಂಬೆ ಸಸ್ಯದ ಸಪೋನಿನ್‌ಗಳ ಉತ್ಪಾದನೆಗೆ ಪರ್ಯಾಯ ತಂತ್ರ (Alternative technique for production of saponins from

	<i>Leucas aspara</i>). 15ನೇ ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ. 15-17ನೇ ಸೆಪ್ಟೆಂಬರ್. 2019, ದಾವಣಗೆರೆ.
2.	Participated in National Conference On “Impact of Research Development in Life Sciences (IRDLS)” organized by Dept. of Biochemistry and Food Technology, from 30 th to 31 st March 2022
3.	Oral presentation in “National Conference on Impact of Food on Life Style Diseases” on ‘Melatonin: Extraction, Isolation and Identification from the leaf extract of <i>Gnidia glauca</i> ’ organized by Kuvempu University, Shankaraghatta, from March 28 th - 29 th , 2023
4.	Oral presentation in “National Conference on CURRENT PROGRESS IN BIOCHEMISTRY-2024” on ‘Unlocking Nature's Pharmacy: Evaluate the Medicinal Significance of Melatonin Extract from <i>Gnidia glauca</i> ’ organized by Karnataka university, Dharwad, January 24 th and 25 th , 2024
5.	Poster presentation in National conference on “Future Foods: A transformation of the way in the sustainability of food production, processing and value addition” on ‘Physico-Chemical and Functional Characterization of Rajamudi Rice: A Traditional Nutrient-Rich Variety from Karnataka’ organized by UAS, Raichur and AFST(I), Mysuru, 11 th and 12 th September 2025 .
6.	Poster presentation in National conference on “Future Foods: A transformation of the way in the sustainability of food production, processing and value addition” on ‘Physico-Chemical and Functional Characterization of Brown Top Millet: A Neglected Nutrient-Rich Grain’ jointly organized by UAS, Raichur and AFST(I), Mysuru, held at UAS, Raichur, 11 th and 12 th September 2025 .
7.	Oral presentation in “International Conference on “Sustainable Innovations in Agriculture, Veterinary and Allied Sciences (SIAVAS-2025)” on ‘Millet – Based Dietary Diversification: Comparative Physico-chemical and Functional properties of Brown top millet with Raw Rice’ organized by University of Agricultural Sciences, Raichur and National Agriculture Development Cooperative Ltd (NADCL), Baramulla, J&K, held in UAS, Raichur, December 29 th and 31 st , 2025
8.	Poster presentation in National conference on “NCRTCS-2026: Recent Trends in Chemical Sciences” on ‘Sustainable Green Synthesis and Characterization of Zinc Oxide Nanoparticles using Browntop Millet (<i>Brachiaria ramosa</i>)’ organized by Dept. of studies in Chemistry, Davangere University, Davangere, 29 th May 2026 .
	Upto 2019:
9.	Vadlapudi Kumar, Poornima DV , Ramakrishna G and Suresh Kumar Chitta (2002). Efficient in vitro plantlet regeneration of <i>Plumbago zeylanica</i> L. In: Proceedings of National Conference on Recent Trends in Plant Science Research, organized by Post-graduate & Research Centre in Botany, St. Thomas College, Pala, Kottayam, Kerala.
10.	Poornima D.Vijendra , Sathisha G. Jayanna, Manjunath T and Vadlapudi Kumar (2017). Overproduction of triterpenoid saponins in cell suspension cultures of <i>Leucas aspera</i> Spreng. Presented at National Conference on Trends in Bioactive Natural Products and Health Care (BNPHC), pp.84. Organized by DOS in Biochemistry, Mangalore University, Post Graduate Centre, Chikka Aluvvara, Kodagu, from 6 th and 7 th October, 2017.
11.	Poornima D.Vijendra , Sathisha G. Jayanna and Vadlapudi Kumar (2019). Overproduction of triterpenoid saponins in cell suspension cultures of <i>Leucas aspera</i> Spreng. Presented at

	National Symposium on Emerging Trends and Challenges in Life Sciences, PP 5. Organized by Department of Biochemistry, Davangere University, Shivagangothri, Davangere, 26 th and 27 th April, 2019.
Book Published / Book Chapters Published:	
1. Title	: Hairy Root Cultures of <i>Gymnema sylvestre</i> R. Br. To produce gymnemic acid.
Topic	: Methods in Molecular Biology Series, Protocols for In vitro Cultures and Secondary Metabolite Analysis of Aromatic and Medicinal Plants.
Authors	: Rajashekar V, Vadlapudi Kumar, Veerashree V, Poornima DV , Torankumar Sannabommaji, Hari Gajula and Giridhara B
Publisher	: Springer-Humana Publishers, International
2. Title	: An alternative approach for anticancer compounds production through plant tissue culture techniques.
Topic	: Anticancer Plants: Natural Products and Biotechnological Implements
Authors	: Hari Gajula, Vadlapudi Kumar, DV Poornima , J Rajashekar, SS Torankumar, Giridhara Basappa and TU Santhosh
Publisher	: Springer Publishers.
3. Title	: Phytochemical Analysis with special reference to leaf saponins in <i>Gnidia glauca</i> (Fresen.) Gilg.
Topic	: Biotechnological Approaches for Medicinal and Aromatic Plants Conservation, Genetic Improvement and Utilization
Authors	: Torankumar Sannabommaji, Vadlapudi Kumar, DV Poornima , Hari Gajula, J. Rajashekar, T. Manjunatha and Giridhara Basappa
Publisher	: Springer Nature Singapore Pte Ltd.
4. Title	: Chemistry, Bioactivities and Biotechnological Production of Rosmarinic Acid.
Topic	: MS Akhtar and MK Swamy (Eds), "Phytocompounds: From Sources to Bioactivities and Applications". 50.
Authors	: Hari Gajula, Vadlapudi Kumar, Poornima D Vijendra , Rajashekar Jarubandi, Torankumar Sannabommaji, Giridhara Basappa
Publisher	: Studium Press LLC (USA)
Book Chapters - 2019 onwards	
5. Title	: Secondary metabolites from mangrove plants and their biological activities.
Topic	: Biotechnological Utilization of Mangrove Resources. Chapter 5, 1 st Edition.
Authors	: Hari Gajula, Vadlapudi Kumar, Poornima D Vijendra , Rajashekar Jarubandi, Torankumar Sannabommaji, Giridhara Basappa
Publisher	: Academic Press-an imprint of Elsevier, Cambridge, United States
Gajula, H., Kumar, V., Vijendra, P.D., Rajashekar, J., Sannabommaji, T., Basappa, G., 2020. Chapter 5 - Secondary metabolites from mangrove plants and their biological activities, in: Patra, J.K., Mishra, R.R., Thatoi, H.B.T.-B.U. of M.R. (Eds.), . Academic Press, pp. 117-134. https://doi.org/https://doi.org/10.1016/B978-0-12-819532-1.00005-6	
6. Title	: Topical Update on Natural Candidates against Colorectal Cancer

	Topic : Natural products for treating colorectal cancer Authors : Poornima D.V, Pratap G.K, Kumar Vadlapudi, Manjula S Publisher : IGI Global, Hershey, Pennsylvania, USA
7.	Title : Plant-Based Foods for the Management of Cancer Topic : Functional Compounds and Foods of Plant Origin Authors : Pratap G. Kenchappa, Poornima D. Vijendra, Harshini V. K, Prathap H. Manjunatha Swamy Publisher : 2025 Apple Academic Press, Inc. Co-published with CRC Press (Taylor & Francis) ISBN number-9781003640042
8.	Title : Nanomedicine-based drug delivery systems for treating neurodegenerative diseases Topic : Encyclopedia of Green Materials Authors : Pratap G.K, Poornima D.V, Kumar Vadlapudi, Ruksana F Publisher : Springer Nature Publishing, London, UK (global) Berlin, Germany (corporate) New York City, USA (sales) Poornima, D.V., Pratap, G.K., Vadlapudi, K., Vishala, E. (2022). Green Nanoparticles in Drug Delivery of Cancer Therapy, Biomedical Applications. In: Baskar, C., Ramakrishna, S., Daniela La Rosa, A. (eds) Encyclopedia of Green Materials. Springer, Singapore. https://doi.org/10.1007/978-981-16-4921-9_150-1
9.	Title : Green nanoparticles in drug delivery of cancer therapy, biomedical applications Topic : Encyclopedia of Green Materials Authors : Poornima D.V, Pratap G.K, Kumar Vadlapudi, Vishala E Publisher : Springer Nature Publishing, London, UK (global) Berlin, Germany (corporate) New York City, USA (sales) Pratap, G.K., Poornima, D.V., Vadlapudi, K., Ruksana, F. (2022). Nanomedicine-Based Drug Delivery Systems for Treating Neurodegenerative Diseases. In: Baskar, C., Ramakrishna, S., Daniela La Rosa, A. (eds) Encyclopedia of Green Materials. Springer, Singapore. https://doi.org/10.1007/978-981-16-4921-9_149-1
10.	Title : Protective Effects of Cannabis in Neuroinflammation-Mediated Alzheimer's Disease Topic : Medical Cannabis and the Effects of Cannabinoids on Fighting Cancer, Multiple Sclerosis, Epilepsy, Parkinson's, and Other Neurodegenerative Diseases Authors : Mohd Kashif, Mohammad Waseem, Poornima D Vijendra, Ashok Kumar Pandurangan Publisher: IGI Global, USA Kashif, M., Waseem, M., Vijendra, P. D., & Pandurangan, A. K. (2023). Protective Effects of Cannabis in Neuroinflammation-Mediated Alzheimer's Disease. In R. Zeine & B. Teasdale (Eds.), <i>Medical Cannabis and the Effects of Cannabinoids on Fighting Cancer, Multiple Sclerosis, Epilepsy, Parkinson's, and Other Neurodegenerative Diseases</i> (pp. 48-75). IGI Global. https://doi.org/10.4018/978-1-6684-5652-1.ch002
11.	Title : Natural Anti-angiogenic agents: A Promising Therapeutics for targeting

Angiogenesis in Cancer Topic : Pharmaceutical Benefits of Natural Products Authors : Ranjitha G, Pratap G.K, Kumar Vadlapudi, Poornima D Vijendra, Publisher: IGI Global, USA Gopalappa, R., Vijendra, P. D., Kenchappa, P. G., & Vadlapudi, K. (2023). Pharmaceutical Benefits of Natural Products: Natural Anti-Angiogenic Agents – Promising Therapeutics for Targeting Angiogenesis in Cancer. In N. Radhakrishnan, S. Vasantha, & A. Pandurangan (Eds.), <i>Natural Products as Cancer Therapeutics</i> (pp. 106-146). IGI Global. https://doi.org/10.4018/979-8-3693-0703-8.ch005	
12. Title	: Elucidating the Molecular Mechanism involved in Regulating Alzheimer's Disease by Capsaicin Topic : Capsaicinoids Authors : Akila Muthuramalingam, Mohd Kashif, Poornima D Vijendra, Mohammad Waseem, Ashok Kumar Pandurangan Publisher: Springer Nature Singapore Pte Ltd.2024 DOI: 10.1007/978-981-99-7779-6_22
13. Title	: Multifactorial Drug - A Revolution in the Treatment of Cancer by Inhibiting Hedgehog Pathway Topic : Promising cancer therapeutic drug targets: Recent advancements Authors : Santosh Kumar M, Poornima D. Vijendra, Pratap G. Kenchappa, Gowtami A (2024) Publisher: Bentham Science Publishers Pte. Ltd. 80 Robinson Road #02-00, Singapore 068898 ISBN number-978-9815238594
14. Title	: Antimicrobial Secondary Metabolites of Mangroves: Updated Review Topic : Bioactive Compounds in Mangroves and their Associates Authors : Poorna Vivek Valleti, Kumar Vadlapudi, Pradeep Kumar Ramayanam, G. Ranjitha, Poornima Vijendra Ditttekoppa, C. M. Anuradha (2025) Publisher: Springer Nature, p. 1-23 https://doi.org/10.1007/978-3-031-63920-3_31-1 ISBN number-9783031910654 Poorna Vivek, V., Vadlapudi, K., Ramayanam, P. K., Ranjitha, G., Ditttekoppa, P. V., & Anuradha, C. M. (2025). Antimicrobial secondary metabolites of mangroves: Updated review. In Reference Series in Phytochemistry (pp. 1–23). Springer Nature Switzerland.
15. Title	: Seafood: A Source Of Cancer Preventive Bioactive Compounds Topic : Functional Foods Beyond the Fundamentals: Conventional to Novel Authors : Pratap G. Kenchappa, Poornima D. Vijendra, Kumar Vadlapudi, Savitha Rani, Harshini V. Kumar (2026) Publisher : Cambridge Scholars Publishing, Lady Stephenson Library, Newcastle upon Tyne, United Kingdom
16. Title	: Nanomaterials in Neurodegenerative Disease Therapy: Current Advances and Future Perspectives

Topic : Nano- Therapeutics for Neurodegeneration: From Bench to Bedside Authors : Varsha S N, Poornima D V* , Pratap G K, Kumar V, Poorna Vivek Valleti, Bhagya Lakshmi, Nirmala B* (2026) Publisher : Bentham Science Publishers Pte. Ltd. 80 Robinson Road #02-00, Singapore 068898
Thesis Evaluation:
“Green Synthesis, Characterization and Biological Applications Of <i>Butea monosperma</i> Mediated Silver Nanoparticles” Pravara Institute of Medical Sciences
Peer Reviewed articles:
1. Ms.No. FPJ-D-21-00029R2-Phenolic constituents study for the identification of <i>Dalbergia cochinchinensis</i> in CITES enforcement Forest Products Journal---2021
2. 3619510-Therapeutic effects of polyphenols on the treatment of colorectal cancer by regulating Wnt β-catenin signaling pathway Journal of Oncology----2021
3. ABAB-D-21-00638 –Comprehensive study of human FBXW7 deleterious nsSNP’s functional inference and susceptibility to gynaecological cancer Applied Biochemistry and Biotechnology---2021
4. Book Chapter reviewed for the book entitled “Handbook of Research on Natural Products and Their Bioactive Compounds as Cancer Therapeutics.” Chapter is “Natural Products That Target Cancer Stem Cells.”
5. Book Chapter reviewed for the book entitled “Handbook of Research on Natural Products and Their Bioactive Compounds as Cancer Therapeutics.” Chapter is “Flavonoids, their anticarcinogenic effects and molecular modeling studies: Flavonoids, their anticarcinogenic effects”.
6. Book Chapter reviewed for the book entitled “Pharmacological Benefits of Natural Agents”. Chapter is “Medicinal herbs against central nervous system disorders”. 2022
7. Book Chapter reviewed for the book entitled “Pharmacological Benefits of Natural Agents”. Chapter is “Effect of <i>Ocimum sanctum</i> on cancer progression and it’s effective therapeutic activity”. 2022
8. Book Chapter reviewed for the book entitled “Pharmacological Benefits of Natural Agents”. Chapter is “Utility of natural products in antiaging”. 2022
9. Manuscript entitled “<u>Development of a novel vaccine candidates against <i>Cardiobacterium valvarum</i> through reverse vaccinology and computational approaches</u> “. reviewed for Biomed research international , Hindawi publications-2023
10. Book chapter reviewed for the book entitled “Role of Medicinal Plants in Complementary and Alternative System of Medicine”. Chapter is “In vitro Anti-HIV Activities of Medicinal Plants and Bioactive compounds and their Importance in Complementary System of Medicine”. 2023.
11. Book chapter reviewed for the book entitled “Probiotics, Gut microbiota and Epigenetic changes”. Chapter is “Probiotics, Gut microbiota and Epigenomics A

review of pre-clinical and clinical investigations". 2023.
12. Manuscript for Scientific Reports reviewed "Elicitor-mediated enhanced accumulation of steroidal sapogenin in hairy root cultures of <i>Trigonella foenum graecum</i>". 2024
13. Manuscript for Central Nervous System Agents in Medicinal Chemistry (Bentham science publishers) titled, Alzheimer's disease: A Comprehensive Review of Recent Advances". 2025
14. Manuscript reviewed for Food Chemistry titled, NADES-Based Extraction of Betalains from <i>Terminalia catappa</i>: Impact on Bioaccessibility, Antioxidant Capacity, and Antimicrobial Efficacy". 2025
15. Manuscript for Scientific Reports titled, Phytohormonal Elicitation Triggers Oxidative Stress and Enhances Menthol Biosynthesis Through Modulation of Key Pathway Genes in <i>Mentha piperita L</i>". 2025
<i>Workshops/Seminars/Symposium Attended:</i>
1. Symposium on "Fundamentals of Molecular Biology", organized by Department of Microbiology, Kuvempu University – P.G. Centre, Davangere, sponsored by Indian Academy of Science (Bangalore), India, March, 2000.
2. National Seminar on "New Trends in Biochemistry & Biotechnology", organized by Department of Biochemistry, Kuvempu University – P.G. Centre, Davangere, sponsored by University Grants Commission, New Delhi, India, 21 st March, 2001.
3. National Seminar on "Advances in Microbial Research", organized by Department of Microbiology, Kuvempu University – P.G. Centre, Davangere. 7 th to 9 th March, 2001.
4. National Conference on Recent Trends in Plant Science Research, at Mahatma Gandhi University, Kottayam, 14-15, November, 2002.
5. Seminar on "Perspectives in Microbial Biotechnology", organized by Department of Microbiology, Kuvempu University – P.G. Centre, Davangere. 21 st and 22 nd March, 2003
6. Seminar on "Recent Advances in Biochemical Sciences" organized by Department of Biochemistry, Kuvempu University – P.G. Centre, Davangere. 24 th March, 2003.
7. Two-days National Seminar on "Trends and Technologies in the Biochemical Sciences", organized by Department of Biochemistry, Kuvempu University – P.G. Centre, Davangere. 10 th and 11 th February, 2006.
8. National Seminar on "Advances in Biochemistry, Biotechnology and Nanotechnology-Science for 21 st Century, organized by Department of Biochemistry, Kuvempu University – P.G. Centre,

Davangere. 13th and 14th November, 2006.

9. National Seminar on “Trends in the Biochemical Sciences,” organized by Department of Biochemistry, Kuvempu University – P.G. Centre, Davangere, 26th March, 2008.
10. Seminar on “Medicinal Foods: Cures for All Diseases,” organized by Department of Food Technology, Davangere University, Davangere, 25th March, 2011.
11. Seminar on “Advances in Molecular Biochemistry,” organized by Department of Biochemistry, Davangere University, Davangere, 20th March, 2012.
12. Seminar on “Recent trends in Probiotics,” organized by Department of Microbiology, Davangere University, Davangere, January, 2014.
13. Seminar on “Applications of Biotechnology for Human Welfare,” organized by Department of Microbiology, Davangere University, Davangere, 28th and 29th March, 2014.
14. Seminar on “Horizons of Biochemistry and Avenues for Biochemists,” organized by Department of Biochemistry, Davangere University, Davangere, May 2014.
15. KSTA-sponsored Special Lecture Workshop on “Horizons of Biochemistry and Avenues for Biochemists,” organized by Department of Biochemistry, Davangere University, Shivagangothri, Davangere, on 14th and 15th October, 2014.
16. International Conference on “Bioactive Chemicals for Reproduction and Human Health & 33rd Annual meeting of the Society for Reproductive Biology and Comparative Endocrinology”, organized by Life Science Departments of Davangere University. 26th to 28th February, 2015.
17. UGC-sponsored International Symposium on “Understanding the Molecules of Life in the Era of New Biology” and 28th All India Congress of Zoology (AICZ), Davangere University, Shivagangothri, Davangere, from 26th to 28th February, 2016.

Recent seminars and FDPs attended:

18. UGC-sponsored National Symposium on “Emerging Trends and Challenges in Life Sciences”, Department of Biochemistry, Davangere University, Shivagangothri, Davangere, on 26th and 27th April, **2019**.

19. **Faculty development Programme-** 2020. Organised by Davangere University, Davangere, from 6th Jan to 13th Jan **2020**.
20. Participated and completed **hands on training** program on “**Zebrfish as an Experimental Model [HoTZEM]**” during the period of 04 to 07 July 2024 organized by Department of studies in Biotechnology, Davangere University, Davangere.

Recent Seminars organized: (as a committee member)

1.	World Food Day and Inauguration of Food Technology Forum – Dept. of Food Technology. Oct 16 th 2019 .
2.	LEGACY 2025-National seminar on “Bridging Minds: From Social Policy to Scientific Progress” organized by Shivangotri Campus Alumni Association, Davangere University, Davangere, on 25 th October 2025 .

Recent Webinars organized: (as a committee member):

3.	Natural Products Development- Dept. of Food Technology. May 31 st 2020.
4.	Immunity and infection: Biochemical approaches for therapies- SBC (I) and Dept. of Biochemistry, June 15 th to June 21 st 2020 .
5.	Artificial Intelligence: Applications in Life Science- Department of Food Technology, June 15 th 2020
6.	Recent Trends in Food Science and Technology- Department of Food Technology, June 11 th and 12 th 2021.
7.	Frontiers in Biochemical Sciences- SBC (I) and Department of Biochemistry, June 19 th 2021.
8.	Nutritional aspects and molecular events during Covid 19 pandemic- Department of Food Technology, June 21 st 2021.
9.	Vaccines Upstream- Enabling Vaccine Production and Recent Developments- SBC (I) and Department of Biochemistry, July 3 rd 2021.

Online Orientation programme/Refresher course/FDPs/Workshops/Webinars attended:

1	Successfully completed a 4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from June 26 – July 24,
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	2020 and obtained GRADE – A+ conducted by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT – PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
2	Attended Five days FDP on “Post COVID 19 challenges in Science and Technology” organized by Dept. of Chemistry, Jain Group of Institutions, Bengaluru. June 2020.
3	Participated “Science Leadership Workshop” organized by University of Punjab in association with Science Academies, from June 22 to June 28, 2020.
4	Pandemics and their Socio-Economic Impacts, Loganatha Narayanasamy government college (autonomous) Ponneri 601 204, Tiruvallur dt, Tamil nadu. May 2020.
5	International webinar on Hormones: Breast Cancer, Mizoram University. May 2020.
6	International webinar on Stress and Brain Health, organized by Dept. of Biochemistry, St Aloysius college, Mangaluru. July 2020
7	Webinar on Evaporative Light Scattering Detector (ELSD) for Pharmaceutical and Food Analysis. Spinco Biotech. June 2020
8	Webinar on Challenges & Advancements in the field Spectroradiometry , Organized by SINSIL July, 2020.
9	Webinar on Hyperspectral imaging: Introduction & challenges in Field, Airborne application, Organized by SINSIL, July, 2020
10	National Webinar Series (NWS)-2020 on “Immunity and infection: Biochemical approaches to therapies” from 15 th -21 st June 2020
11	Webinar on DBT’s Response to COVID-19, organized by India Alliance, July 2020.
12	National Webinar on “Awareness Program on Organ Donation” August 20 th 2020.
13	National Workshop on “Highlights and Implementation of National Education Policy-2020” organized by Bangalore University, from 24 th to 28 th August 2020.
14	Virtual webinar on “Three days national convention on NEP 2020” organized by Davangere University, held from 21 st to 23 rd September 2020.
15	Webinar on the occasion of Sir MV Birthday organized by Swadesi vijnan andolan, on 15 th September 2020.
16	International Webinar on “ The Career Catalyst: Plan, Prepare, & Prosper in Life Sciences” organized by the Division of Biochemistry, Faculty of Life Sciences, JSS AHER, Mysore, held on 8 th and 9 th May 2021.
17	Attended One week FDP on “Protein- Receptor Binding Chemistry” organized by VSCIMB, The Maharaja Sayajirao University, Baroda (MSU) and Dept. of Biotechnology, NIT, Warangal, held from 17 th -22 nd May, 2021.
18	Successfully completed Two weeks online Refresher Course on Life Sciences organized by the Human Resource Development Centre, University of Hyderabad from 13 th to 25 th September, 2021 and obtained grade ‘A+’ .
19	One week International virtual Lecture Workshop on “ Recent Advances and Current Trends in Biological Sciences” organized by Dept. of Botany, Davangere University, from 14 th – 19 th February, 2022.
20	Participated in the “Indo-USA International Conference on Applications of Nanotechnology in Biology, Biotechnology and Biopharmaceuticals (ICNB3)”organized by School of Life-

	Sciences. Abdur Rahman Crescent Institute of science and Technology in association with University of Missouri, USA, The Biotech Research Society, India, Microbiologist Society, India, nano & Biomaterials Association, BSACIST on 11th and 12th August 2022.
21	Participated in the “International Conference on Applications of Natural Products Nanomaterials and Nano-pharmaceuticals (ICAN3) (Hybrid mode)” organized by School of Life-Sciences. Abdur Rahman Crescent Institute of science and Technology in association with Nano and Biomaterials Association (NBA) The Biotech Research Society (BRSI), India Centre for Surface Technology and Applications (CeSTA), Korea Aerospace University, Republic of Korea on 09 th and 10 th August 2023
22	Successfully completed 16th REFRESHER COURSE IN LIFE SCIENCES (ONLINE) organized by the UGC-Human Resource Development Centre, University of Mysore from 27 th February to 13 th March, 2024 and obtained grade ‘A’ .
23	National level online Faculty Development Programme on “Smart teaching with AI – Transforming higher education” organized by the Postgraduate and research department of Commerce, Agurchand Manmull Jain College, Meenambakkam, Chennai, in association with Book Bytes International Publications held on 31 st October 2025.
24	Successfully completed UGC SPONSORED INTERDISCIPLINARY REFRESHER COURSE IN BIOLOGICAL SCIENCES (ONLINE) organized by the UGC-MMTT Centre, Karnatak University from 19 th January to 31 st January, 2026 and obtained grade ‘A’

Oral/Poster Presentation:

1	Oral presentation in 15 th Kannada Science Conference on “Overproduction of triterpenoids from <i>Leucas aspera</i> Spring.” held on 15-17 th September 2019.
2	Participation in National Conference On “Impact of Research Development in Life Sciences (IRDLS)” organized by Dept. of Biochemistry and Food Technology, from 30 th to 31 st March 2022 at Kuvempu University, Shankaraghatta, Shivamogga.
3	Oral presentation in National Conference On “Impact of Food on Life Style Diseases” (IFLSD-2023) organized by Dept. of Food Technology, from 28 th to 29 th March 2023 at Kuvempu University, Shankaraghatta, Shivamogga
4	Oral presentation in National Conference On “TRENDS AND INNOVATION IN HEALTH, NUTRITION, FOOD, AND CROP SECURITY” (IFLSD-2023) and SKILL DEVELOPMENT WORKSHOP ON ADVANCES IN CHROMATOGRAPHY FOR DRUG DISCOVERY organized by DEPARTMENT OF STUDIES AND RESEARCH IN BIOCHEMISTRY, FOOD AND NUTRITION, BIOTECHNOLOGY, AND MICROBIOLOGY, from 21 st to 23 rd August 2023 at Tumakuru University, Tumakuru.
5	Participated in 57 th Annual Convention of ISAE on Agri-Food Systems’Transformation through Engineering Innovations and International symposium on Engineering Interventions for Making Millets a Global Food (2023) organized by Indian Society of Agricultural Engineers, New Delhi and University of Agricultural Sciences, Raichur, Karnataka (India), from 6 th to 8 th November 2023 at College of Agricultural Engineering University of Agricultural Sciences, Raichur.
6	Oral presentation in “National Conference on CURRENT PROGRESS IN BIOCHEMISTRY-2024” on ‘Unlocking Nature's Pharmacy: Evaluate the Medicinal Significance of Melatonin Extract from <i>Gnidia glauca</i> ’ organized by Karnataka

	university, Dharwad, January 24 th and 25 th , 2024
7	Poster presentation in National conference on “Future Foods: A transformation of the way in the sustainability of food production, processing and value addition” on ‘Physico-Chemical and Functional Characterization of Brown Top Millet: A Neglected Nutrient-Rich Grain’ organized by UAS, Raichur and AFST(I), Mysuru, 11 th and 12 th September 2025 .
8	Poster presentation in National conference on “Future Foods: A transformation of the way in the sustainability of food production, processing and value addition” on ‘Physico-Chemical and Functional Characterization of Rajamudi Rice: A Traditional Nutrient-Rich Variety from Karnataka’ organized by UAS, Raichur and AFST(I), Mysuru, 11 th and 12 th September 2025 .
9	Oral presentation in “International Conference on “Sustainable Innovations in Agriculture, Veterinary and Allied Sciences (SIAVAS-2025)” on ‘Millet – Based Dietary Diversification: Comparative Physico-chemical and Functional properties of Brown top millet with Raw Rice’ organized by University of Agricultural Sciences, Raichur and National Agriculture Development Cooperative Ltd (NADCL), Baramulla, J&K, held in UAS, Raichur, December 29 th and 31 st , 2025 .
10	Poster presentation in National conference on “NCRTCS-2026: Recent Trends in Chemical Sciences” on ‘Sustainable Green Synthesis and Characterization of Zinc Oxide Nanoparticles using Browntop Millet (<i>Brachiaria ramosa</i>)’ organized by Dept. of studies in Chemistry, Davangere University, Davangere, 29 th May 2026 .

Ph.Ds Awarded/Ongoing					
Sl. No.	Title of the Thesis	Institution/ University	Month and Year	Name of the Student	PhD Thesis awarded/ Ongoing
1	<i>In vitro</i> plant regeneration and production of Terpenoids and Saponins in Cell and Tissue cultures of <i>Gnidia glauca</i> (Fresen.) Glig.	Davangere University	March 2024	Dr. Vishala E	Awarded (Co-guide)
2	Chemical profiling and characterization of <i>Gnidia glauca</i> (Fresen.) Glig. Indole amines and Indole alkaloids	Davangere University	December 2021-22	Mrs. Ranjitha G Ph.D./BIOCHEMISTRY/01/2021-22	Ongoing (Co-guide)
3	Nutritional Profiling of <i>Brachiaria ramosa</i> (L.) Stapf. and Formulation of Health Promoting Product	Davangere University	April 2023-24	Mrs. Shafia Begum 23PHDFOODTECH13	Ongoing (Guide)

4	Formulation of Synbiotic Functional Food and Assessment of Phytonutrients Biotransformation and Shelf-Life Stability.	Davangere University	2025-26	Miss. Noor Nameera Khanam Ph.D/FOOD TECHNOLOGY/05/2024-25	Ongoing (Guide)
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Achievements/Awards / Abroad visit / Professional Membership

1	1993: University 4th Rank in B.Sc. (C.B.Z.), Kuvempu University, Shankaraghatta.
2	1996: University 2nd Rank in M.Sc. (Biochemistry), Kuvempu University, Shangaraghatta.
3	Life Member of Society of Biological Chemists (India), Indian Institute of Science, Bengaluru, since 2005.
4	Life member of Association of Food Scientists & Technologists (India), 2020.
5	Awarded with the Minor Research Grant from Davangere University (DUSMYTR)- “Isolation, characterization and evaluation of biological properties of <i>Terminalia catappa</i> L. fruit pericarp phytochemical fractions”
6	Best oral presentation award to PhD student Miss Ranjitha G. in “National Conference On “Impact of Food on Life Style Diseases” (IFLSD-2023) organized by Dept. of Food Technology, from 28th to 29th March 2023 at Kuvempu University, Shankaraghatta, Shivamogga
7	Best oral presentation award to PhD student Miss Ranjitha G. in “National Conference on CURRENT PROGRESS IN BIOCHEMISTRY-2024” organized by Dept. of Biochemistry, Karnataka university, Dharwad from 24th to 25th January, 2024.

Research Projects Sanctioned:

1	Awarded with the Minor Research Grant (Rs 20,000.00) from Davangere University (DUSMYTR)- “Isolation, characterization and evaluation of biological properties of <i>Terminalia catappa</i> L. fruit pericarp phytochemical fractions”
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Personal Details		
Gender	Female	
Date of Birth	27-07-1972	
Contact details	Address for Communication	Permanent address
	Department of Studies in Food Technology Davangere University Shivagangothri DAVANGERE – 577007.	#782/16, “Pragnya” 1 st Main, 5 th Cross Saraswathi Nagar ‘A’ Block DAVANGERE- 577004
Electronic address	Telephone- Mobile : 9481343465 ; 8660993168 9448772091; 6362060396; 8660795827 E mail : dvpoornimakumar@gmail.com dvpoornimakumar@davangereuniversity.ac.in Website: Google Scholar Link : Poornima D Vijendra , Poornima D.V. ResearchGate Link : Poornima D Vijendra	