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*
E mail : *dvpoornimakumar@gmail.com*
dvpoornimakumar@davangereuniversity.ac.in
Contact Number : *9481343465, 8660993168*

Vision

- **Functional Foods for treating Cancer and Neurodegenerative disorders**
- **To establish a laboratory to study and understand the Microbiome, Neuroprotection and Cancer**
- **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. MADHUSUDUAN** 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.	Cancer, 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 Leucas aspera Spreng. **Industrial Crops and Products, 156**. (112857) (**Impact factor: 6.449**)
2.	Rajashekar J, Kumar V, **Poornima D V**, Hari G, Torankumar S, *Gymnema sylvestre* 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). *In vitro* regeneration of *Psoralea corylifolia* Linn. : Involvement of endogenous polyamines during in vitro shoot development, **In Vitro Cellular & Developmental Biology – Plant**, ISSN: 1573-5044, (**Impact Factor: 2.252).**
4.	Pratap G. Kenchappa, **Poornima D Vijendra**, Raghavendra L.S Hallur, Ajay S. Khandagale, Ashok Kumar Pandurangan, Sathisha G. Jayanna, Manjula Shantaram, (**2023**). In vitro evaluation of neuroprotective potential of *Olea dioica* Roxb against Aβ peptide-induced toxicity in human neuroblastoma SH-SY5Y cells, **Frontiers in Pharmacology**, 1139606 (**Impact Factor: 5.988).-communicated**
	Publications upto 2019
5.	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 *Centella asiatica*. **Springer Plus 2:** 189. (**Impact factor: 1.846**)
6.	Giridhara Basappa, Vadlapudi Kumar, Sarojini BK, **Poornima DV,** Hari Gajula, Toran Kumar Sannabommaji and Rajashekar J (2015). Chemical composition, biological properties of *Anisomeles indica* Kuntze essential oil. **Industrial Crops and Products 77:** 89-96. (**Impact factor: 6.449**)
7.	Giridhara Basappa, Vadlapudi Kumar, Sarojini B K, **Poornima D V**, Hari Gajula, Torankumar Sannabommaji, Rajashekar J, (2015). Antidiabetic activity of *Anisomeles indica* Kuntze leaf flavonoid fraction in normal and alloxan induced diabetic mice,

	International Journal of Advanced Research, 3(11), 921-927. **(Impact factor: 0.07)**
8.	**Poornima D. Vijendra**, KavithaM. Huchappa, Roopa Lingappa, Giridhara Basappa, Sathisha G. Jayanna and Vadlapudi Kumar (2016). Physiological and Biochemical Changes in Moth Bean (*Vigna aconitifolia* L.) under Cadmium Stress. **Journal of Botany,** Article ID 6403938, 13 pages http://dx.doi.org/10.1155/2016/6403938.
9.	Giridhara Basappa, Vadlapudi Kumar, Sarojini BK, **Poornima DV,** Hari Gajula, Torankumar Sannabommaji and Rajashekar J (2016). Toxicity evaluation of *Anisomeles indica* Kuntze leaf flavonoid fraction. **J Pharmacogn Nat Prod 2**:3 DOI: 10.4172/2472-0992.1000122. **(Impact factor: 4.2)**
10.	**Poornima D.Vijendra,** Sathisha G. Jayanna, Vadlapudi Kumar, Hari Gajula, Rajashekar J, Torankumar Sannabommaji, Giridhara Basappa and Anuradha C.M. (2017). Rapid *in vitro* propagation of *Leucas aspera* Spreng. A potential multipurpose Indian medicinal herb. **Industrial Crops and Products 107:**281-287· (**Impact factor: 6.449**)
11.	Hari Gajula, Vadlapudi Kumar, **Poornima D. Vijendra,** Rajashekar J., Torankumar Sannabommaji, Giridhara Basappa (2018). A combination of elicitor and precursor enhances psoralen production in *Psoralea corylifolia* Linn. suspension cultures. **Industrial Crops and Products 124:** 685–691. (**Impact factor: 6.449**)
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 Gnidia glauca (Fresen) Gilg. Phytochemical Extracts against Rice Bacterial Blight Pathogen *Xanthomonas oryzae* pv. oryzae. **Ind. J. Pure App. Biosci**. **7(5):** 287-296. (**Impact factor: 0.654**)
2.	Manjunatha L., Vadlapudi Kumar, Torankumar Sannabommaji, **Poornima DV,** Rajashekar J and Hari Gajula (2019). *In vitro* antioxidant and antidiabetic properties of *Eryngium foetidum* Linn**. Biomedicine 39(4).** (**Impact factor: 0.13**)
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 *Eryngium foetidium* Linn. **Ind. J. Pure App. Biosci. 7(5):** 314-326. (**Impact factor: 0.654**)
4.	Torankumar Sannabommaji, Vadlapudi Kumar, **Poornima DV**, Giridhara Basappa, Gajula Hari and Rajashekar J (2019). Exploration of Antibacterial Properties of *Gnidia glauca* (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 *Gymnema sylvestre* 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 *Gymnema sylvestre* R.Br. **Biomedicine. 41(1):** 16-22. (**Impact factor: 0.13**).
7.	Ghouseul Azam, Sathisha G. Jayanna, Anitha Nelliankla, Vasanthraj Boraiah, Sujatha M. Hanumegowda, Devaraja Sannaningaiah, **Poornima D. Vijendra**, Vadlapudi Kumar, Riaz Mahmood (2021). Evaluation of in vitro antioxidant, anti-inflammatory, anticoagulant and antiplatelet potential of *Rhus mysorensis* **Biomedicine. 41(4):** 724-731. (**Impact factor: 0.13**).
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 *Gnidia glauca* (Fresen.) Gilg (Manuscript No: IJPAB-2022-8960) **Ind. J. Pure App. Biosci**. DOI: 10.18782/2582 – 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 *Gnidia glauca* (Fresen.) Gilg. **Biomedicine. 43(1): page No. (ISSN: 0970 2067)**
10.	Vivek Poorna Valleti, Kumar Vadlapudi, Pradeep Kumar Ramayanam, Ranjitha G, **Poornima Vijendra Dittekoppa**, Anuradha C.M. (**2022**). Exploration of in vitro antimitotic, thrombolytic and cytotoxicity properties of *Gnidia glauca* (Fresen.) Gilg, **Future Journal of Pharmaceutical Sciences- communicated**
	Publications upto 2019
11.	Kumar V, **Poornima DV,** Anuradha CM, and Suresh Kumar Chitta (2008) Biochemical changes during callus regeneration in *Ficus carica* L. (c.v. Gular). **Journal of Ecobiology** ISSN: 0970-9037, **22(2):** 183-188.
12.	Vadlapudi Kumar, Ramakrishna Golla, **Poornima DV,** Anuradha CM, Suresh Kumar Chitta, Satisha GJ (2012). Changes in nitrogen assimilating enzymes during *in vitro* plant regeneration in *Plumbago zeylanica* L. **Soushrutam 1(1):** 1-14.
13.	**Poornima DV,** Divakara R, Roopa K, Hari Gajula, Rajashekar J, Sathisha GJ, Vadlapudi Kumar (2015) Differential response of two safflower (Carthamus tinctorius L.) cultivars to NaCl stress. **The Journal for Cell Biology**. Photon 106: 525-537.
14.	**Poornima D.Vijendra,** Sathisha G. Jayanna, Vadlapudi Kumar, Hari Gajula, Rajashekar J, Torankumar Sannabommaji and Giridhara Basappa (2017). Antioxidant status during *in vitro* plant regeneration in *Leucas aspera* Spreng. **International Journal of Pure & Applied Bioscience** Manuscript No: IJPAB-2017-5133. (**Impact factor: 0.654**)
15.	Hari Gajula, Vadlapudi Kumar, **Poornima D Vijendra**, Rajashekar J, Torankumar

	Sannabommaji, Giridhara Basappa (2018). Distribution of psoralen in different organs of *Psoralea corylifolia* 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 (*Cicer arietinum* L.) during Salt Stress. In : Proceedings of 70th 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 (*Carthamus tinctorius* L.) during Salt Stress. In : Proceedings of 70th 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, 27th 29th, December, 2001.
4.	**Poornima D.Vijendra**, Sathisha G. Jayanna and Vadlapudi Kumar (2016). Alternative strategy for the production of *Leucas aspera* 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 20th to 22nd 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 *Leucas aspara*). 15ನೇ ಕನ್ನಡ ವಿಜ್ಞಾನ ಸಮ್ಮೇಳನ. 15–17ನೇ ಸೆಪ್ಟೆಂಬರ್. 2019, ದಾವಣಗೆರೆ.
2.	**Poster presentation in** National Conference On "Impact of Research Development in Life Sciences (IRDLS)" organized by Dept. of Biochemistry and Food Technology, from 30th to 31st March 2022
	Upto 2019:
3.	Vadlapudi Kumar, **Poornima DV,** Ramakrishna G and Suresh Kumar Chitta (2002). Efficient in vitro plantlet regeneration of *Plumbago zeylanica* 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.
4.	**Poornima D.Vijendra**, Sathisha G. Jayanna, Manjunath T and Vadlapudi Kumar (2017). Overproduction of triterpenoid saponins in cell suspension cultures of *Leucas aspera* 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 Aluvara,Kodagu, from 6th and 7th October, 2017.

5.	**Poornima D.Vijendra**, Sathisha G. Jayanna and Vadlapudi Kumar (2019). Overproduction of triterpenoid saponins in cell suspension cultures of *Leucas aspera* Spreng. Presented at National Symposium on Emerging Trends and Challenges in Life Sciences, PP 5. Organized by Department of Biochemistry, Davangere University, Shivagangothri, Davangere, 26th and 27th April, 2019.

Book Published / Book Chapters Published:

- **Title : Hairy Root Cultures of *Gymnema sylvestre* 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

- **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.

- **Title : Phytochemical Analysis with special reference to leaf saponins in *Gnidia glauca* (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.

- **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

- **Title : Secondary metabolites from mangrove plants and their biological activities.**
- **Topic : Biotechnological Utilization of Mangrove Resources. Chapter 5, 1st 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

- **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

- **Title : Functional Foods For Management Of Cancer**
- **Topic : Functional Foods Beyond the Fundamentals: Conventional to Novel**
- **Authors** : Pratap G. Kenchappa, **Poornima D. Vijendra**, Kumar Vadlapudi, Prathap H. Manjunatha Swamy
- **Publisher :** Cambridge Scholars Publishing, Lady Stephenson Library, Newcastle upon Tyne, United Kingdom

- **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
- **Publisher :** Cambridge Scholars Publishing, Lady Stephenson Library, Newcastle upon Tyne, United Kingdom

- **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**

- **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**

Thesis Evaluation:

"Green Synthesis, Characterization and Biological Applications Of *Butea monosperma* 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 Dalbergia cochinchinensis 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 *Ocimum sanctum* 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**

Workshops/Seminars/Symposium Attended:

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, 21st March, 2001.

3. National Seminar on "Advances in Microbial Research", organized by Department of Microbiology, Kuvempu University – P.G. Centre, Davangere. 7th to 9th 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. 21st and 22nd March, 2003

6. Seminar on "Recent Advances in Biochemical Sciences" organized by Department of Biochemistry, Kuvempu University – P.G. Centre, Davangere. 24th 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. 10th and 11th February, 2006.

8. National Seminar on "Advances in Biochemistry, Biotechnology and Nanotechnology-Science for 21st 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, Davanagere, 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.**

Recent Seminars organized: (as a committee member)

1.	World Food Day and Inauguration of Food Technology Forum – Dept. of Food Technology. Oct 16th **2019.**

Recent Webinars organized: (as a committee member):

2.	Natural Products Development- Dept. of Food Technology. May 31st 2020.
3.	Immunity and infection: Biochemical approaches for therapies- SBC (I) and Dept. of Biochemistry, June 15th to June 21st 2020.
4.	Artificial Intelligence: Applications in Life Science- Department of Food Technology, June 15th 2020
5.	Recent Trends in Food Science and Technology- Department of Food Technology, June 11th and 12th 2021.
6.	Frontiers in Biochemical Sciences- SBC (I) and Department of Biochemistry, June 19th 2021.
7.	Nutritional aspects and molecular events during Covid 19 pandemic- Department of Food Technology, June 21st 2021.
8.	Vaccines Upstream- Enabling Vaccine Production and Recent Developments- SBC (I) and Department of Biochemistry, July 3rd 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, 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 15th -21st 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 20th 2020.
13	National Workshop on "Highlights and Implementation of National Education Policy-2020" organized by Bangalore University, from 24th to 28th August 2020.
14	Virtual webinar on "Three days national convention on NEP 2020" organized by Davangere University, held from 21st to 23rd September 2020.
15	Webinar on the occasion of Sir MV Birthday organized by Swadesi vijnan andolan, on 15th 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 8th and 9th 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 17th -22nd May, 2021.
18	Successfully completed **Two weeks online Refresher Course on Life Sciences** organized by the Human Resource Development Centre, University of Hyderabad from 13th to 25th 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 14th – 19th 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.

Oral/Poster Presentation:

1	**Oral presentation in** 15th Kannada Science Conference on "Overproduction of triterpenoids from *Leucas aspera* Spring." held on 15-17th September 2019.
2	**Poster presentation in** National Conference On "Impact of Research Development in Life Sciences (IRDLS)" organized by Dept. of Biochemistry and Food Technology, from 30th to 31st March 2022 at Kuvempu University, Shankaraghatta, Shivamogga.

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 *Terminalia catappa* L. fruit pericarp phytochemical fractions"**

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 *Terminalia catappa* L. fruit pericarp phytochemical fractions"**

Personal Details	
Gender	Female
Date of Birth	27-07-1972

	Address for Communication	Permanent address
Contact details	**Department of PG studies in Food Technology** **Davangere University** **Shivagangothri** **DAVANGERE – 577007.**	**#782/16, "Pragnya"** **4th Main, 5th Cross** **Saraswathi Nagar 'A' Block** **DAVANGERE- 577004**
Electronic address	**Telephone-** Mobile : 9481343465 Home : ***E mail*** : *dvpoornimakumar@gmail.com* **Website**: Google Scholar Link : Poornima D Vijendra , Poornima D.V. ResearchGate Link : Poornima D Vijendra	