

Dr. Jaishree Vaijanathappa M. Pharm. Ph. D

Professor and Head

Faculty of Life Sciences

JSS Academy of Higher Education and Research (Mauritius) Ltd.

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Objective

To work in a motivating environment where I can apply and enrich my knowledge, skills to serve the organization with positive attitude and efficiency.

Research Interest

Herbal drug development, isolation of phytoconstituents, development of personal care products, pharmaceutical productions, pharmaceutical chemistry/medicinal chemistry, organic synthesis; development of analytical methods and preformulation studies, screening of isolated compounds for antioxidant, antibacterial and antidiabetic properties.

Professional Experience

S. No.	Designation	Institution/University	Duration
1	Professor and Head	School of Life Sciences, JSS Academy of Higher Education and Research Mauritius, Mauritius	07/01/2021- Till date
2	Assistant Professor, Department of Pharmaceutical Chemistry	JSS College of Pharmacy, JSSAHER, Mysuru	01/02/2019- 06/01/2021
3	Professor & Head Department of Pharmaceutical Analysis	SAC College of Pharmacy, B. G. Nagar, Karnataka State, India.	5/2015- 31/01/2019
4	Professor, Department of Pharmaceutical Chemistry	SAC College of Pharmacy, B. G. Nagar, Karnataka.	8/2013- 5/2015
5	Post Doctoral Research Scientist	Infection Control Laboratory, Department of Surgery, Columbia University, New York, USA.	8/2012- 8/2013
6	Professor & Head Dept of Pharmaceutical Chemistry	SAC College of Pharmacy, B. G. Nagar, Karnataka	11/2009 - 08/2012
7	Associate Professor	SAC College of Pharmacy, B. G. Nagar, Karnataka State, I	09/2008 - 10/2009
8	Research Scholar	JSS College of Pharmacy,	07/2005 -

		Ooty, Tamilnadu, India.	09/2008
	Lecturer	S. V. E. T'S College of Pharmacy, Humnabad, Karnataka, India.	06/2002-07/2005

Education

2005-2008 : Ph. D in JSS College of Pharmacy, Ooty/ The Tamil Nadu Dr. M.G.R. Medical University, Chennai. India.

Ph. D. Dissertation title "Investigation of Medicinal Plants for Hepatoprotective and Antioxidant Properties".

2000-2002: M. PharmV L College of Pharmacy, Raichur/ RGUHS, Bangalore (77%, College Topper)

Fellowships and Grants Received

S. No.	Year	Title of the project	Granting agency	Designation	Amount (Rs)
1	2007 - 2008	Investigation of medicinal plants for hepatoprotective and antioxidant properties.	Indian Council of Medical Research, New Delhi, India.	Senior Research Fellowship	18,000/Month
2	2010	National Seminar	Seminar Grant, Rajiv Gandhi University of Health Sciences, Bangalore.	Co-ordinator	25,000/-
3	2010	A national seminar on "Recent Trends in Pharmaceutical Chemistry and Interpretation Techniques".	Seminar Grant, Rajiv Gandhi University of Health Sciences, Bangalore.	Co-ordinator/ Organizing secretary	30,000/-
4	2011	A Comparative Study of Extraction of Essential Oils from the Aroma Plants by Using Different Extraction Procedures.	SPiCE Grant, VGST Karnataka Govt. Bangalore.	Principal investigator	30,000/-
5	2011	Challenges and New Techniques Involved in Drug Discovery- Staff Development Programme,	All India Council of Technical Education (AICTE) Staff	Convener/ Organizing secretary	7,00,000/-

			Development Programme Grant.		
6	2012	Comparative evaluation of total phenol, flavonoid and antioxidant properties of edible and non-edible fenugreek leaves.	VGST, Government of Karnataka (SPiCE project)		30,000
	2012	Anticancer and molecular docking study of plant isolated phytoconstituents and their analogs.	Research Project Scheme Grant from AICTE, New Delhi, India.	Principal investigator	10,12,000 /-
7	6-7 th March 2014	Two days National Seminar on Career Frontiers and Emerging Trends in Pharmaceutical Sciences	Rajiv Gandhi University of Health Sciences, Bangaluru	Convener/ Organizing secretary	15,000/-
8	2015	Quantitative determination of Efavirenz in animal plasma and its estimation by newer analytical methods by HPLC	VGST, K-FIST LEVEL-II, Karnataka Govt. Bangalore.	Principal investigator	20,00,000 /-
9	2015 - 2016	Isolation of Phytoconstituents from the Plants and Evaluation of Their Synergistic Activity For Antidiabetic and Antioxidant Properties	RGUHS Grant	Principal investigator	6,50,000/-
10	2019	QbD in Analytical method development and validation	JSS AHER Grant	Organizing Secretary	40,000/-
11	2020	Synthesis, molecular docking and evaluation of l-arginine attached	JSS AHER Research Grants	Principal investigator	50,000/-

		thiazole derivatives as nitric oxide synthase inhibitors			
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Honors and Awards

1. Senior Research Fellowship 2007- 2008 Oct (ICMR).
2. Received **Best Student Poster Award** in One Day Symposium on Future Directions of NMR Research Centre, **Indian Institute of Sciences, Bangalore** for poster presentation on 25th August 2007, entitled Phytochemical Investigation of *Enicostemmaaxillare* and *Argyreiacymosa*, Jaishree V, Badami S, Ravi S, Suresh B.
3. Reviewer, Indian Journal of Biophysics and Biochemistry.
4. Reviewer, Natural Products Research.
5. Reviewer, Journal of Saudi Chemical Society.

Life membership

1. Indian Pharmaceutical Association- KTK/BID/LM/0028.
2. NMR Research Centre-IISC BANGALORE.

Professional Activities

1. M. Pharm Projects Supervised: 25

S. No.	Project title	Name of the student
1	Microwave extraction of <i>Solanumviarum</i> fruits and their biological activities.	Bhagya T.S.
2	A Comparative study of microwave assisted extraction Vssoxhlet assisted extraction in the analysis of <i>in vitro</i> antioxidant study of <i>Michellachampaca</i> Linn flowers.	Shabna V.

3	Synthesis and evaluation of antimicrobial, antifungal and antioxidant activities of some fused ring system of thiazoles.	Ramdas S.N.
4	Synthesis of new structural alternatives in benzofuran for antimicrobial, antifungal and antioxidant properties.	Jadav Sachin Gorakshanath
5	Phytochemical investigation and <i>in vitro</i> antioxidant and antimicrobial activities of <i>Crossandra infundibuliformis</i> (Linn) Nees leave extracts.	Kumar G. Patil
6	Phytochemical investigation and <i>in vitro</i> antioxidant, antimicrobial and antifungal activities of <i>Wattakaka volubilis</i> (Linn) Stapf.	Poorna Chandra Tejaswi H.N.
7	Synthesis of some heterocyclic triazole derivatives and their <i>in vitro</i> antioxidant and antimicrobial properties.	Patil Santhosh KalyanRao
8	Synthesis of new furan derivatives and evaluation of their <i>in vitro</i> antioxidant and antimicrobial properties.	Kranthi Sinha Hanumant Randive
9	Isolation of swertiamarin from <i>Enicostemma axillare</i> and preparation of semisynthetic derivatives of swertiamarin for their biological evaluation.	Jamuna P.
10	Phytochemical investigation and <i>in vitro</i> antioxidant and antimicrobial activities of	Shirisha M.

	<i>Couroupita guianensis</i> (Linn) Nees Plant extracts.	
11	Synthesis and biological evaluation of some novel coumarin derivatives.	Bhutadiya Kamlesh Kumar Chaudary
12	Synthesis and biological evaluation of some oxadiazole derivatives.	Prajapathi Hardik Kumar
13	Synthesis and evaluation of some novel terfenadine analogues for their antihistaminic and anticancer activity.	G. Divya Theja
14	Analytical Method Development and Impurity Profile of Antihepatitis Drugs Bociprevir and Telaprevir.	Narendra N.
15	Newer Analytical Method Development and Validation for the Simultaneous Estimation of Lamivudine and Stavudine in Bulk Drugs and Dosage forms of Anti-HIV Agents.	Sarala B.
16	Development and Validation of HPLC method for Anticancer Agents in Pharmaceutical Bulk Drugs and Dosage Forms.	Purvini K.
17	Newer Analytical Method Development of ErlotinibHydrochlorideand Study of <i>In vitro</i> Drug-Drug Interaction with Proton Pump Inhibitors.	Sharath H. N
18	Development and Validation of Simple RP- HPLC Method for the Determination of Amino Acids in Fruits and Vegetables Available in South India.	Varada Sathyanatha K.

19	Development of newer analytical method for the determination of triclosan in ponds and river water near temples in south Karnataka by HPLC.	Hephziba Koshy
20	Development of Newer Analytical Method for the Determination of Pesticide Residues in Fruits and Vegetables by High Performance Liquid Chromatography.	Amrutha B. T
21	Quantitative determination of ledipasvir and sofosbuvir in animal plasma and their simultaneous estimation by reverse phase high performance liquid chromatography.	Anuradha N D
22	Quantitative determination of erlotinib hydrochloride in animal plasma by newer analytical method by using reverse phase high performance liquid chromatography.	Kusuma
23	Newer bioanalytical method development and validation of lamivudine and tenofovir disoproxil fumarate by reverse phase high performance liquid chromatography.	Chaitrashree N
24	Newer bioanalytical method development for quantification of dapagliflozin and saxagliptin by reverse phase high performance liquid chromatography.	Aksa Kurian
25	Synthesis and evaluation of quercetin derivatives for antioxidant and antimicrobial activities.	Sulakshana Shankar

26	Development of novel analytical bioanalytical methods for sorafenib tosylate and its degradation and stability studies by UFLC method	Shravani M
27	Synthesis, Molecular Docking and Biological Evaluation of Thiazole Attached L-Arginine Derivatives	Jamuna

2. Organizing secretary, for national seminar conducted by SAC College of Pharmacy, 2010.
3. Convenor/Organizing secretary for AICTE sponsored Staff Development Programme conducted at SAC College of Pharmacy on 25thApril to 7thMay 2011.
4. Organizing secretary for National seminar conducted by SAC College of Pharmacy, B.G. Nagar 2014.
5. Organizing secretary for national seminar in JSS College of Pharmacy, Mysore.

Patents and Publications

Patents

1. “Botanical Antimicrobial Compositions”. International publication no. WO 2014/092999, A1, One of the inventor of US Patent from Columbia University, New York, USA (International patent).
2. “Synthesis of N-Substituted Benzylidene 1-(1H-Naphtho[2,3-D]Imidazol-2-yl) Ethanamine”, Indian Patent Application number 201841032304A, The patent office Journal number 43/2019, Publication date 25/10/2019.

Publications

1. Shazalyana Azman, Mahendran Sekar, Suzana Wahidin, Siew Hua Gan, Jaishree Vaijanathappa, Srinivasa Reddy Bonam, Mallika Alvala, Pei Teng Lum, Vandana Thakur, Jayesh V Beladiya, Anita A Mehta. Embelin Alleviates Severe Airway Inflammation in OVA-LPS-Induced Rat Model of Allergic Asthma, **Journal of Asthma and Allergy**, 2021, 1511-1525.

2. Nurul Amirah Mohd Zaid, Mahendran Sekar, Srinivasa Reddy Bonam, Siew Hua Gan, Pei Teng Lum, M Yasmin Begum, Nur Najihah Izzati Mat Rani, Jaishree Vaijanathappa, Yuan Seng Wu, Vetriselvan Subramaniyan, Neeraj Kumar Fuloria and Shivkanya Fuloria. Promising Natural Products in New Drug Design, Development, and Therapy for Skin Disorders: An Overview of Scientific Evidence and Understanding Their Mechanism of Action. A Review, **Drug Design, Development and Therapy**. 2021.
3. Nur Sakinah Muhamad Fadzil, Mahendran Sekar, Siew Hua Gan, Srinivasa Reddy Bonam, Yuan Seng Wu, **Jaishree Vaijanathappa**, Subban Ravi, Pei Teng Lum and Shivsharan B Dhadde. Chemistry, Pharmacology and Therapeutic Potential of Swertiamarin – A Promising Natural Lead for New Drug Discovery and Development. **Drug Design, Development and Therapy. 2021 (Accepted)**
4. Sarala B, **Jaishree Vaijanathappa**. Simultaneous Quantitative Estimation of Lamivudine and Stavudine as Nucleoside Reverse Transcriptase Inhibitors in Tablet Dosage Form by RP-HPLC. **International Journal of Pharmaceutical Sciences Review and Research. 2021 (Accepted)**.
5. Chethan IA, **Jaishree V**. Oral hypoglycemic drugs: A fleeting look on the combination therapy. **International Journal of Pharmaceutical Research. 2021 (Accepted)**.
6. Purvini K, Chethan IA, **Jaishree V**. Novel analytical method development, validation and stability study of anticancer drug Erlotinib in tablet dosage form by RP-UFLC. **Indian Journal of Pharmaceutical Education and Research. 2021 (Accepted)**
7. Ajoy Basak, **Jaishree Vaijanathappa**, Sarmishta Basak. Lipid lowering natural products targeting hPCSK9 may prevent the severity of COVID-19 infection. **Corona viruses, 2021(Accepted)**
8. Nur Mursyida Saad, Mahendran Sekar, Siew Hua Gan, Pei Teng Lum, **Jaishree Vaijanathappa**, Subban Ravi. Resveratrol: A Comprehensive Review on its Chemical, Biological Activities and Therapeutic Potentials. **Pharmacognosy Journal 2020; 12(6). (Impact factor 0.82)**

9. Nurul Iman Nurul Fuad, Mahendran Sekar, Siew Hua Gan, Pei Teng Lum, **Jaishree Vaijanathappa**, Subban Ravi. Lutein: A Comprehensive Review on its Chemical, Biological activities and Therapeutic Potentials **Pharmacognosy Journal 2020; 12(6). (Impact factor 0.82)**
10. **V. Jaishree**, Shravan Narsimha. Swertiamarin and quercetin combination ameliorates hyperglycemia, hyperlipidemia and oxidative stress in streptozotocin-induced type 2 diabetes mellitus in wistar rats. **Biomedicine & Pharmacotherapy 130 (2020) 110561. (Impact factor 4.54).**
11. Prasanna V. Habbu, Narayan Miskin, Venkatrao H. Kulkarni, Pradeep Bhat, Arun Joshi, Anant Bhandarkar, Satish Kulkarni, Sheshagiri R. Dixit, **Jaishree Vaijanathappa**. Isolation, characterization, and cytotoxic studies of secondary metabolites from the leaves of *Bauhinia foveolata* Dalzell: An endemic tree from the Western Ghats, India. **Journal of Applied Pharmaceutical Science 2020, 10(03), 135-148. (Impact factor 0.62).**
12. **Jaishree Vaijanathappa**, Jamuna P, Ramesh B, Sheshagiri R Dixit, Prabitha Prabhakaran. Molecular docking, antiproliferative and anticonvulsant activities of Swertiamarin isolated from *Enicostemma axillare*. **Bioorganic Chemistry, 2019. (Impact factor 4.90)**
13. Sharath HN, **Jaishree V**, Manish Majumder. In vitro drug-drug interaction study of Erlotinib hydrochloride with proton pump inhibitors in aqueous medium and rat plasma using RP-HPLC. **International Journal of Creative Research Thoughts. 2018, 763-777. (Impact factor 5.97)**
14. Sirisha M, **Jaishree V**. Phytochemical screening, antioxidant and antiproliferative activities of successive extracts of *Couroupita guianensis* Aubl. Plant. **Indian Journal of Natural Products and Resources. 2018, 9(1), 22-27. (Impact factor 0.11)**
15. Arnab K. Ghosh, Sossy Sahakian, **Jaishree Vaijanathappa**, Tripti Biswas, Swati Kapil. Evaluation of Two Novel Alcohol-Free Oral Rinses Containing a Biguanide and Botanicals against Ventilator-Associated Pneumonia

- Pathogens Using an *in vitro* Biofilm Model. **International Journal of Applied Science and Technology** 2015, 5(6). 1-11. (Impact factor 0.544)
16. Krantisinha H. Randive, **Jaishree V**, Santosh K. Patil, Kumar Patil. Synthesis and biological evaluation of novel coumarin derivatives as antioxidant agents. **Russian Journal of Bioorganic Chemistry**, 2015, 41 (3) 324-332. (Impact factor 0.830)
17. Kumar G. Patil, **V. Jaishree**, H. N. Poornachandra Tejaswi. Evaluation of Phenolic Content and Antioxidant Property of *Crossandra infundibuliformis* Leaves Extracts. **American Journal of Plant Sciences**, 2014, 5, 1133-1138. (Impact factor 0.36)
18. **Jaishree V**, Bhagya TS, Dinesh R, Kumar G. Patil. A Comparative Evaluation of In Vitro Antioxidant, Antimicrobial and Cytotoxic Properties of Microwave and Soxhlet Assisted Extracts of Solanum viarum Fruits. **The Natural Product Journal**, 2012 (2), 280-286. (Impact factor 1.94)
19. **Jaishree V**, Gupta PD. Nanotechnology: A Revolution in Cancer Diagnosis. A Review. **Indian Journal of Clinical Biochemistry**. 2012, 27(3), 214-220. (Impact factor 1.14)
20. Bhalgat Chetan M, Darda Pooja V, Priya, Bhanu, Ramesh B, **Jaishree V**, Sachin Jadhav. Novel pyrimidines: Synthesis, Antioxidant and Anti-inflammatory Screening. **Research Journal of Pharmacy and Technology**; 2012, 5(3), 383-386. (Impact factor 0.41)
21. Chitale Sandeep K, Ramesh B, Bhalgat Chetan M, **Jaishree V**, Puttaraj C, Bharathi DR. Synthesis and Antioxidant Screening of some Novel 1,3,4-thiadiazole Derivatives. **Research Journal of Pharmacy and Technology** 2011, 4(9), 1404-1408. (Impact factor 0.41)
22. **Jaishree V**, Shabna V. A comparative study in vitro antioxidant and DNA damage protection of soxhletVs microwave assisted extracts of *Micheliachampaca* Linn. flowers. **Indian Journal of Natural Products and Resources**. 2011, 330-334. (Impact factor 0.11)

23. **Jaishree V**, Ramdas N, Sachin J, Ramesh B. *In vitro* antioxidant properties of new thiazole derivatives. **Journal of Saudi Chemical Society**. 2011, (16), 371-376. (Impact factor 3.517)
24. Shyam Kumar, Gunashekar D, **Jaishree V**, Channabasavaraj K P. Hepatoprotective activity of *Coccinia indica* leaves extract. **International Journal of Pharmaceutical and Biomedical Research** 2010, 1(4), 154-156. (Impact factor 0.08)
25. Jinesh VK, **Jaishree V**, Shrishailappa Badami, Shyam W. A comparative evaluation of antioxidant properties of edible and non-edible leaves of *Anethumgraveolens*. **Natural Product Radiance** 2010, 1, 168-173. (Impact factor 0.45)
26. **Jaishree V**, Shrishailappa Badami, Praveen Thaggikuppe Krishnamurthy. Hepatoprotective and antioxidant activity of ethyl acetate extract of *Enicostemmaaxillare* against CCl₄ induced liver injury. **Indian Journal of Experimental Biology** 2010, 48, 896-904. (Impact factor 0.783)
27. **Jaishree V**, Shrishailappa Badami. Hepatoprotective and antioxidant activity of swertiamarin isolated from *Enicostemmaaxillare* against D-Galactosamine induced liver injury. **Journal of Ethnopharmacology** 2010, 130, 103-106. (Impact factor 3.69)
28. **Jaishree Vaijanathappa**, Shrishailappa Badami, Tamizh Mani T, Rupesh Kumar M. Antinociceptive activity of Swertiamarin isolated from *E. axillare*. **Phytomedicine**. 2009, 16, 227-232. (Impact factor 4.18)
29. **Jaishree Vaijanathappa**, Shrishailappa Badami, Suresh Bhojraj. Antiedematogenic and Free Radical Scavenging Activity of Swertiamarin Isolated from *Enicostemma axillare*. **Planta Medica**. 2009, 75, 12-17. (Impact factor 2.74)
30. Shrishailappa Badami, **Jaishree Vaijanathappa**, Suresh Bhojraj. *In vitro* antioxidant activity of *Argyreiacymosa* bark extracts. **Fitoterapia**, 2008, 79, 287-289. (Impact factor 2.345)

31. **Jaishree Vaijanathappa**, Shrishailappa Badami, Suresh Bhojraj. *In vitro* antioxidant activity of *Enicostemma axillare*. **Journal of Health Science. 2008, 54, 1-5.(Impact factor 0.41)**

Papers Presented in Conferences

1. *In vitro* antioxidant properties of *Enicostemma axillare* Linn Raynal. Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products from 24-26 Feb 2007 at JSS College of Pharmacy, Ooty.
2. Isolation and Identification of Phytoconstituents from *Enicostemma axillare*. Jaishree V, Badami S. International Herbal Conference 2009, from 26-28 Feb 2009 at TheLalitAshoka Hotel, Bangalore.
3. Phytochemical Investigation of *Enicostemma axillare* and *Argyreia cymosa*, Jaishree V, Badami S, Ravi S, Suresh B. One Day Symposium on Future Directions of NMR Research Centre, Indian Institute of Sciences, Bangalore for poster presentation on 25th August 2007.
4. Cytotoxicity study of Swertiamarin and biflavonoid ether. Jaishree V, Badami S, Sandeep. Indian Council of Medical Research Conference, from 14 and 15 Nov 2009 at Grace College of Pharmacy.
5. A comparative evaluation of *in vitro* antioxidant study of ethanol extract of dried and fried *Piper longum* fruits. ShyamWaghmare, Jaishree V, Badami S, Sidhavinayak. Indian Council of Medical Research Conference, from 14 and 15 Nov 2009 at Grace College of Pharmacy.
6. Jaishree V, Badami S. *In vitro* cytotoxic study of swertiamarin and biflavonoid ether Isolated from *Enicostemma axillare*. Abstract accepted for poster presentation in 5th International Congress on Complementary Medicine Research, ICCMR 2010, Tromso, Norway.
7. *In vitro* antioxidant activity of *Michelia champaca* flower extracts. Jaishree V, Shabna V, Ramesh B. Poster presentation in 62nd IPC Manipal, India.

8. Synthesis of new structural alternatives of benzofurans for their antimicrobial and antifungal properties. Santosh Patil, Jaishree V. Sachin Jadhav, Ramesh B. Poster presentation in 62nd IPC, on 17-19 2010, Manipal, India.
9. A comparative study of *in vitro* antioxidant and DNA damage protection of Soxhlet assisted extract vs microwave assisted extract of *Michelia champaca* flowers. Shabna V. Jaishree V. Kumar Patil. Poster presentation on 17-19th December 2010, Manipal University, Manipal, India.
10. *In vitro* antioxidant and anti-inflammatory properties of *Wattakaka volubilis* leave extracts. Jaishree V, Poornchandra Tejaswi, Kumar Patil, Ramesh B. The 12th congress of International Society for Ethnopharmacology [ISE] to be held at Science City, Kolkata, India during February 17-19, 2012.
11. Phytochemical Screening, antioxidant and antiproliferative activities of *Couroupita guianensis* plant extracts. Jaishree V. Sirisha M. Poster presentation in International Training Workshop on Herbal Medicine: Drug Discovery from Herbs-Approaches, Innovations and applications, 30-31st March 2015, at JSS University, Mysuru and Centre for Science and Technology (of the Non-Aligned and other Developing Countries (NAM S & T Centre).
12. Analytical method development and validation of Simultaneous estimation of Lamivudine and Stavudine drugs in bulk and combined dosage form by RP-HPLC. Sarala B, Jaishree V, Sharath H. N. Poster presentation in International Conference: Next generation pharmacist in pharmaceutical industry and in clinical practice, at PES College of Pharmacy on 17th and 18th October 2015.
13. Development and Validation of Analytical Method for Anticancer Drug Erlotinib in Bulk Drug and in Tablet Dosage Form Based on HPLC. Jaishree V, Purvini K, Amrutha B.T. Poster presentation in International

Conference: Next generation pharmacist in pharmaceutical industry and in clinical practice, at PES College of Pharmacy on 17th and 18th October 2015.

Seminar and Conferences Conducted

1. A national seminar on “Recent Trends in Pharmaceutical Chemistry and Interpretation Techniques”.2010
2. Challenges and New Techniques Involved in Drug Discovery- Staff Development Programme, 25th April to 7th May,2011.
3. Two days National Seminar on Career Frontiers and Emerging Trends in Pharmaceutical Sciences6-7th March 2014.
4. One day national seminar on “QbD in Analytical Method Development and Validation” conducted as Organizing secretary in JSS College of Pharmacy, Mysuru on 1st October 2019

Seminar and Conferences Attended

1. “New Concepts, Methods and Technology in Pharmaceutcal Education and Research” on 22nd August 2005 to 3rd September 2005, at Manipal College of Pharmaceutical Sciences. MAHE, Manipal.
2. Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products. 24-26th Feb 2007.
3. The art of Scientific Writing, on 25th and 26th April 2008, organized by KMCH College of Pharmacy, Coimbatore. Tamilnadu.
4. International Conference on Ethnopharmacology and Alternative Medicine and Annual Conference of National Society of Ethnopharmacology, on 20-22 Jan 2006 at Amla Cancer Research Centre, Thrissur, India.
5. Quality Improvement Programme on “Modern Trends in Pharmaceutical Chemistry” Feb 7-20 2006. Sponsored by All India Council for Technical Education, New Delhi, organized by JSS College of Pharmacy, Ootacamund, Tamilnadu.

6. Participated in 57th Indian Pharmaceutical Congress-2005 held at Hitex, Madhapur, Hyderabad from 2nd Dec to 4th Dec 2005.
7. Quality Improvement Programme on “Approaches to Drug Development” March 30-April 06, 2007, sponsored by All India for Technical Education, New Delhi, organized by Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ootacamund, Tamilnadu.
8. International Herbal Conference 2009, from 26-28 Feb 2009 at TheLalitAshoka Hotel, Bangalore.
9. National Seminar on “Trends in Pharmaceutical Sciences, Practice and Education” 1-3 May 2008, organized by JSS College of Pharmacy, Ootacamund, Tamilnadu.
10. A National seminar on “Intellectual Property Rights (IPR) and Regulatory Affairs-Basics and Emerging Trends” on 10-11th February 2012 at Sri Adichunchanagiri College of Pharmacy, B.G. Nagar, Karnataka.
11. Participated in the conference “Diet: Cause and Prevention of Diseases” held at Adichunchanagiri Biotechnology and Cancer Research Institute, B.G. Nagar on 18th February 2012.
12. Participated in “Mysteries of our universe-A Scientific Inquiry” organized at BGS institute of technology, BG Nagar-571448 on 31 Oct 2014.
13. Participated in “Workshop on Health Care and Environmental Ethics” organized by IEC and Medical Education Unit held on 12th February 2016 at Adichunchanagiri Institute of Medical Sciences, B.G. Nagar, Karnataka, India.
14. Participated in “Training and Workshop on Bioethics” organized by Department of Pharmaceutics held on 1st December 2015 at Sri Adichunchanagiri College of Pharmacy, B.G. Nagar, Karnataka, India.
15. Workshop on Research and publications Ethics. Organized by IEC Sri Hasanamba Dental College & Hospital on 23rd December 2015, Hassan.
16. Workshop on Research Ethics. Organized by IEC, SJM College of Pharmacy on 25th January 2016 at SJM College of Pharmacy, Chitradurga, Karnataka.

17. Workshop on Sensitisation of syllabus for B. Pharm and M. Pharm Courses, on 14th July 2017 held at Krupanidhi College of Pharmacy, Bangalore, Karnataka.
18. One Day Symposium on Future Directions of NMR Research Centre, Indian Institute of Sciences, Bangalore for poster presentation on 25th August 2007.
19. Participated 62nd Indian Pharmaceutical Congress, on 17-19th December 2010, Manipal University, Manipal, India.

Research Experience

- ❖ Development of health care products (Surgical scrub, alcohol hand sanitizers, wound healing creams, anti-irritant and antiaging products, beautifying lotions, sustain release antibacterial soap).
- ❖ Natural preservatives for cosmetics, food and pharmaceuticals.
- ❖ Wound dressings, infection resistant coatings (for oxygen masks and gloves).
- ❖ Oral rinses for ventilator associated pneumonia patients and also for daily normal usage for oral care.
- ❖ **Natural eye drop** (Potent effect against all types of cataract).
- ❖ Development of antiseptic impregnated end tracheal tubes.
- ❖ Three years experience as Senior Research Fellow in Project entitled **“Investigation of Medicinal Plants for Hepatoprotective and Antioxidant Properties”** in Department of Pharmaceutical Chemistry, in JSS College of Pharmacy, Ooty, Tamil Nadu, India.
- ❖ Phytochemical screening of medicinal plants and ethnobotanical surveys of medicinal and indigenous plants.
- ❖ One-year dissertation work for the completion of M. Pharmacy course; entitled **“Synthesis and Biological Evaluation of PyrazolylBenzofurans and their Mannich Bases”**.

- ❖ Synthesis of organic compounds, their characterization by spectral analysis; **Interpretation of UV, IR, NMR and Mass spectra. Screening of synthesized compounds.**

Above furnished details are in best of my knowledge.

Dr. Jaishree Vaijanathappa