



Bharath Institute of Higher Education and Research

Faculty Profile

Personal Details	
Dr. LAVANYA BABU, M. Pharm, Ph.D.,	
Professor	
Pharmacognosy	
Faculty of Pharmacy, Bharath Institute of Higher Education and Research	
9840608079	
lavanya.pharmacy@bharathuniv.ac.in ; blavanyavels@gmail.com	

Area of Interest	Pharmacogenetic and Phytochemical design and the methods to research oriented
------------------	---

Subjects Taught	
UG	PG
B Pharm Pharmacognosy and Phytochemistry I & II Herbal Drug Technology Pharmaceutical Microbiology Quality control and Standardization of crude drugs Pharmaceutical Dietary supplements	
D Pharm Pharmacognosy Biochemistry	

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
B. Pharmacy	Pharmacy	The Tamil Nadu Dr MGR Medical University	First	Jan 1999
M. Pharmacy Pharmacognosy	Pharmaceutical Chemistry	Vels University	First with Distinction	May 2010
Ph.D.	Pharmaceutical Sciences	The Tamil Nadu Dr MGR Medical University	-	2002

Work Experience as on Oct-2020						
Name of the Institution/Company		Position		From		To
Jaya College of Paramedical Sciences. College of Pharmacy. Thiruninravur.		Assistant professor		June 2010		Sep 2016
Jaya College of Paramedical sciences. College of pharmacy. Thiruninravur.		Associate professor		Oct 2016		Aug 2019
B.S. Abdur Rahman Crescent Institute of Science& Technology		Assistant Professor		Aug 2019		Oct 2021
Jaya college of Paramedical sciences. College of pharmacy. Thiruninravur		Associate professor & Professor		Oct 2021		June 2023
Sree Sastha Pharmacy College, Chembarabakkam, Chennai		Professor		June 2023		Aug 2024
Faculty of Pharmacy, Bharath Institute of higher Education and Research		Professor		Nov 2024		Till date
Total experience	15	Teaching	14	Research	5	Administration

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
Recent Publications(Patents)- Chronological order				
Sl.No	Details			
1	Title of the patent Design: Pharmacological evaluation of antidiabetic and anti-hypersensitive activity from edible seeds Application Design No: 202341061131 Date of filing application: 11/09/2023 Published in the official Journal of Patent office: 06/12/2023 issue no: 40/2023			
2	Title of the patent Design: Biosensor based device to detect lung cancer Application Design No: 390697-001; Date of filing application: 29/03/2023, Published in the official Journal of Patent office: 20/07/202322 issue no 09/2023.			
3	Title of the patent Design: Smart and Portable Multichambered Device for Phytochemical Analysis Patent No: 412656-001 A; Date of filing application: 04/04/2024, Published in the official Journal of Patent office: 04/04/2024 issue no: 04/2024.			
4	Title of the patent Publication: Design and development of intranasal formulations of citalopram for bioavailability enhancement Patent No: 202311052574 A; Date of filing application: 04/08/2023, Published in the official Journal of Patent office: 01/09/2023 issue no: 35/2023.			
5	Title of the patent Publication: Isolation and Characterization of Bioactive Compounds from Stembark Extract of <i>Uapaca Pilosa</i> Hutch Application Design No: 202411030372 ; Date of filing application: 10/05/2024, Published in the official Journal of Patent office: 10/05/2024.			

6	Title of the patent Publication: Investigation of Anti-Hyperlipidemic and anti-diabetic Activity of Nimbin in Wistar Rat 392988-001, Date of filing application: 18/08/2023.
Recent Publications(Journals)- Chronological order	
Sl.No	Details
1	B. Lavanya*, A. Maheshwaran N. Narayanan S. Suganya Y. Suryasree S. Velaravindhana M. Vigneshwar. A Review: <i>Cassia fistula</i> .Linn (Caesalpiniaceae). International Journal of Innovative Research and Advanced Studies. 3(8); 2016: 479-483.
2	B. Lavanya*, N. Narayanan, A. Maheshwaran. Pharmacological Studies on <i>Hypnea musciformis</i> (Wulfen) Lamouroux. International Journal of Advance Research, Ideas and Innovations in Technology. 2(4); 2016: 1-14.
3	B.Lavanya*, N.Narayanan, A.Maheshwaran, S.Suganya, Y.Surya sree, S.Vel Aravindan and M.Vigneshwar. Basic Anatomical and Pharmacognostical study of <i>Cassia fistula</i> Linn (Caesalpiniaceae). Int J Pharm Biol Sci. 6 (3); 2016:105-120.
4	B. Lavanya*, G. Vinoth, K. Vimal, B. M. Yamine, A. Maheswaran and N. Narayanan. Review of Perspiration: A Detailed Study of Microbes. International Journal of Pharmacognosy, 4(6); 2017: 100 – 106.
5	B. Lavanya*, G. Vinoth, K. Vimal, B. M. Yamine, A. Maheswaran and R. Senthilraj. Synergistic Antimicrobial effect against Microbes inducing Putrescent in Perspiration. Pharma Science Monitor IJPS 8(3); 2017: 166-172.
6	B. Lavanya*, N. Narayanan. Isolation, Characterization and Formulation of <i>Cassia fistula</i> .Linn (Caesalpiniaceae). Indo American Journal of Pharmaceutical Research 7(01); 2017; 7437-7446.
7	B. Lavanya*, A Maheswaran, N Vimal, K Vignesh, K Yuvarani, R Varsha. Extraction and effects of papain obtained from leaves of carica papaya: A remedy to dengue fever. International Journal of Pharmaceutical Science and Research. 3(1); 2018: 44-46.
8	B Lavanya*, A Maheswaran, N Vimal, K Vignesh, KY Uvarani, R Varsha. An overall view of <i>cassia</i> species phytochemical constituents and its pharmacological uses. International Journal of Pharmaceutical Science and Research. 3(1); 2018: 47-50
9	B Lavanya*, N Narayanan, Vijaya Vara Prasad, Antiepileptic activity of chloroform fraction barks of <i>Cassia fistula</i> Linn. (Caesalpiniaceae) on experimental animals. IJPR. 2020; 8(1): 346 – 356
10	B Lavanya* V. Dhanapal, Antibiotic prophylaxis of synergistic activity against the phenotypic changes in Cutaneous cells. JOHP-ISSN:2348-7704
11	Pavan Kumar, Bhuvaneswari, B Lavanya* Investigation of Anti-Hyperlipidemic and anti-diabetic Activity of Nimbin in Wistar Rat. Naturalista Campano- ISSN: 1827-7160: 2024;28(1).
Recent Publications (Books)- Chronological order	
Sl.No	Details
1	Dr. Lavanya Babu , Dr. Uttam Sharma, Dr, Rashu Tiwari HERBAL DRUG TECHNOLOGY, VOLUME-I JEC Publication, ISBN: 978-93-6175-115-8, Feb 2025
Recent Conferences-(attended and participated) –Chronological order	
Sl.No	Details

1	Participated in “Herbotech-2010” held on 21 st January at Sri Ramachandra medical University, Chennai.
2	Presented the paper in Poster Session “Anti- diabetic effect of Herbal extract mixture and its Standardization” in “Indian Pharmaceutical Association Convention -2010” held on 14 ma Sri Ramachandra University, Chennai.
3	Presented one paper in Oral Presentation Session “Standardization on Nisa Amlaki Tablet a Monograph” in Sai Siddha college, Chennai,2010 held on 30 th April 2010
4	Presented one poster presentation in “International conference on Naturalproducts in management of Cancer, Diabetes and Viral infections” Sastra University, Thanjavur held on 7 and 8 March, 2013.
5	Participated in the delegate in the National Seminar on “Emerging Trends on New Generation Drugs”18 Nov, 2016 by the Faculty of Pharmacy, Karpagam University, Coimbatore.
6	Presented poster presented in Two days Conference on Convergence of Technology in Phytopharmaceuticals and its importance in Trade and entrepreneurship held on 15 and 16 Nov 2016 at PSG College of Pharmacy, Coimbatore.
7	Participated in the AICTE sponsored ^{National} Conference “Recent Trends In Industrial Pharmacology-2015” Held On 13 March 2015Puducherry.
8	Participated “Life Cycle of a Drug” on 5th June 2020 organized by Crescent School of Pharmacy
9	Completed Patent Information Course certificate on Nov 2020
10	Attended Online Workshop on “Design and development of E -Content” Organized by CITL BSAR on Aug 2020.
11	National level Conferences “Recent Advances in Herbal Drug Processing, Development and Research” Organized by Sri Ramachandra University, Chennai
12	International Conferences “Natural Products in the Mangement of Cancer,Diabetes and Viral infections” organized by Centre for Advanced Research in Indian System of Medicine and Sastra University,Thanjavur
13	National Conferences “Recent Trends in Industrial Pharmacognosy” Organized by Mother Theresa Post Graduate and Research Institute of Health Sciences,Puducherry

Memberships in Professional Bodies	
Sl.No	Name of the Professional Body
1	Life member of Indian Pharmaceutical Association (TN351)
2	Life member of Tamil Nadu Pharmacy Council (Certificate No: 4135A1)
3	Life member of The Association of Pharmaceutical Teachers of India. (Certificate No: TN/LM-646)

Training Programmes Organized and Attended	
Sl.No	Details in Chronological order
1	As a CO-CONVENOR in SSPCCON 2023 National Seminar on “Evade Global Consequences & Exploring Scientific Investigation on Pharmacy, Nov 11 2023 Organized by Sree Sastha Pharmacy College, Chembarabakkam Chennai
2	As a PROGRAMME COORDINATOR in National Level e-FDP on Strengthen Marginal: Reconcile: The Latest and Enactment in Pharmaceutical Sciences on March 2024

3	<u>NPTEL Course</u> - Online Refresher Course in Pharmacy for Higher Education – 12 Weeks completed on Apr 2019 Organized by MHRD
4	<u>NPTEL Course</u> - Annual Refresher Programme in Teaching (ARPIT) February 2020 8 Weeks Organized by MHRD
5	Faculty Development Program on Emerging Trends in Plant Sciences - Topic I - Complementary Digital Tools in Plant Taxonomy on Feb 2020.
6	Faculty Development Program on National Level FDP on Recent Trends in Phytopharmaceuticals on July 2020.
7	Faculty Development Program on Emerging Trends in Plant Sciences Topic I Complementary Digital Tools in Plant Taxonomy at Vivekananda College of Pharmacy Madurai on 17 Feb 2021
8	One-week National Faculty Development Program at Shri Venkateswara college of Pharmacy on 17 Dec 2023- 22 Dec 2023
9	Professional Development of Research Novelties in Pharmaceutical Delegation in Academics at Sree Balaji medical college on 14 Apr 2024- 21 Apr 2024
10	Faculty Development Program on “Integration of Sustainable Practices in Pharmaceuticals Academics Industry Research and Public health at Vels University on 24 mar 2025- 28 mar 2025
11	Faculty Development Program of one week online Program on Pharmacovigilance and Drug Safety AI Driven Approaches and Challenge during 17 mar 2025- 22 mar 2025.

Roles and Responsibilities

Sl.No	Details
1	Used to make the students to familiar with modern techniques in Project.
2	Assign the journal works to mentee students
3	Create the models to support the study
4	To update and maintain the Faculty of pharmacy BIHER garden
5	Planning to class schedule to adhere to assignments, discussion session and contribute the ppt to all the units to make it easy to the students
6	Perform the end semester projects with creative manner
7	To participate the Documentation work on PCI UGC and NAAC