



Dr.P.SELVAMANI

CURRICULUM VITAE



Prof. Dr. P. Selvamani

Head, Department of Pharmaceutical Technology &
Centre for Excellence in Nanobio Translational Research

Room No. 208, Academic Block B

University College of Engineering, **ANNA UNIVERSITY**

Bharathidasan Institute of Technology Campus

Tiruchirappalli, Tamil Nadu, India. PIN – 620 024.

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Orcid: https://orcid.org/0000-0001-6751-7133_ | **Researcher ID:** AAL-5702-2020 |

Scopus ID: 6507656758 | **Google Scholar ID:** TF2C6NAAAAAJ | **Vidwan ID:** 152176



RESEARCH AREAS

Wondered about the chemistry endowed in nature and in biological systems, being a medicinal chemist; my lab had explored the chemistry of various medicinal plants not limited to *Commiphora berryi* and other related species belonging to the family Burseraceae. Very recently, my lab is attempting to identify antimicrobial peptides from marine ecosystem. Research exploration on the broad domain involving drug discovery, drug development and drug delivery is underway. Interested in knowledge dissemination, periodically organizing professional events and loves to travel globally in pursuit of learning and performing interdisciplinary research.

EDUCATIONAL QUALIFICATIONS

Qualification	College/ University	Year of Completion
Ph.D. (Pharmacy)	Jadavpur University, Kolkata, WB.	2003

M.Pharmacy (Pharm. Chemistry)	Jadavpur University, Kolkata, WB.	2001
PG.D. (Cheminformatics)	Institute of Cheminformatics Studies, Noida, UP.	2004
B.Pharmacy	The T.N. Dr.M.G.R. Medical University, Chennai, TN	1999
H.Sc	Department of Government Examinations, Madras, TN.	1995
SSLC	Department of Government Examinations, Madras, TN.	1993

PROFESSIONAL EXPERIENCE

Name of Company / Institutions	Designation	From	To	Experience in Years
University College of Engineering, Anna University, BIT Campus, Tiruchirappalli	Professor	24.02.2018	Till date	
University College of Engineering, Anna University, BIT Campus, Tiruchirappalli	Associate Professor	24.02.2015	23.02.2018	3 years
University College of Engineering, Anna University, BIT Campus, Tiruchirappalli	Assistant Professor	01.01.2006	23.02.2015	9 years
Bharathidasan University, Tiruchirappalli	Lecturer	24.02.2003	31.12.2005	3 years
Bharathidasan University, Tiruchirappalli	Guest Lecturer	03.10.2002	23.02.200 3	1 year

AWARDS / HONOURS RECEIVED

1. Recipient of **Tamil Nadu Young Scientist Fellowship** for the year 2015 – Awarded by Tamil Nadu State Council for Science and Technology (TNSCST) carries a monthly fellowship of Rs.10000/month for a period of 6 months.
2. Recipient of **Young Investigator Award** for the year 2015 in recognition of research accomplishments – Awarded by Association of Pharmacy Professionals, India carries a memento and a certificate.
3. Recipient of **Active Researcher Award** for the year 2013 in recognition of research accomplishments – Awarded by Centre for Technology Development and Transfer, Anna University, Chennai carries a cash award of Rs.25000/-, a memento and a certificate.
4. Recipient of **CMI Level 5 Award** in Management and Leadership, Chartered Management Institute, United Kingdom

NATIONAL LEVEL ADDITIONAL RESPONSIBILITIES

1. Nominee of CPCSEA, Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, New Delhi. (November 2022 onwards)
2. Resource person for the UGC-Malaviya Mission Teacher Training Programme – Indian Knowledge Systems (October 2023 onwards)

ADDITIONAL / ACADEMIC RESPONSIBILITIES AT ANNA UNIVERSITY

1. Anna University nominee and Member in Board of Studies for the B.Tech Pharmaceutical Technology, Gnanamani College of Technology, Namakkal (Autonomous) from 2023 onwards.
2. Deputy Nodal Officer for the SC ST Cell, Anna University, Chennai from 14.02.2022 onwards. (Registrar Procs. No. 351/CCC/SC – ST Cell/2022 Dt. 14.02.2022)

3. Member in Board of Studies for the B.Tech Pharmaceutical Technology of Anna University, Chennai from 23.05.2022 onwards. (Faculty of Technology, Chairperson Lr. No. 11/AU/SSC/CBCS/FTY/2022 Dt. 23.05.2022)
4. Coordinator, TEQIP, UGC (Autonomous) and NBA activities for the Anna University, BIT Campus, Tiruchirappalli from September 2016 to till date. (Ref. No. AU/BIT/DEAN /2016 Dt.12.09.2016)
5. NSS Programme Officer, Anna University, BIT Campus, Tiruchirappalli from August 2016 to till date. (Ref. No. AU/BIT/ DEAN/2016 Dt.12.07.2016 up to 16.11.2021).
6. Doctoral Committee Member for the PhD candidate Mrs.Shaena Banu E in Anna University, Chennai (Director, CFR, Anna University Procs No. 16287697187/PhD/AR12 Dt.29.06.2016)
7. Coordinator, Centre for International Relations, Anna University, BIT Campus, Tiruchirappalli from August 2014 to till date.
8. Executive Committee Member of Centre for Excellence in Nanobio Translational Research (CENTRE), Anna University, BIT Campus, Tiruchirappalli from February 2014 to February 2020. (Ref No. Nil Dt.13.02.2014)
9. Care Taker of National Cadet Corps, Anna University, BIT Campus, Tiruchirappalli from December 2014 to July 2015 (Ref. No. AU/ BIT/ DEAN/ 2014 Dt. 18.12.2014).
10. Scientist in-charge, Central Animal Facility and Member, Institutional Animal Ethics Committee, Anna University, BIT Campus, Tiruchirappalli from February 2013 to February 2015 (Ref No. AU-ROT/AH/ 002/2013 Dt. 07.02.2013).
11. Member, Institutional Animal Ethics Adhoc Committee, Anna University, BIT Campus, Tiruchirappalli from October 2009 to February 2013 (Ref No. AUT/PHARMA/IAEC/001/25/09 Dt.22.10.2009).
12. Special Officer - Vice Chancellor's Secretariat, Anna University, Tiruchirappalli from July 2010 to August 2012 (Ref No. AUT/ESST/ 2010-03 Dt.26.07.2010).

13. Personal Secretary to Vice Chancellor, Vice Chancellor's Secretariat, Anna University, Tiruchirappalli from February 2010 to July 2010 (Ref. No. 008/2010 Dt.16.02.2010).
14. Member in Board of Studies, M.Pharm Courses & B.Tech Pharmaceutical Technology, Anna University, Tiruchirappalli – 620024 during the period from 2007 – 2011.

MEMBERSHIP OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

1. The Association of Pharmaceutical Teachers of India – TN/LM/263
2. The Indian Pharmacists Association – TN 426
3. Indian Society of Pharmacognosy – ISP/LM/TN/S-012
4. The Indian Pharmaceutical Association – TN/LM/0139
5. Tamil Nadu Pharmacy Council – 4151A1
6. Indian Biophysical Society – 576
7. Association of Pharmacy Professionals – APP/TN/LM-002/13 & Fellow Member
8. Proteomics Society, India – Life Member (S. No. 355)
9. The International Society of Quantum Biology and Pharmacology (2022 Onwards)

RESEARCH FELLOWSHIPS AND GRANTS RECEIVED

Recipient of **Tamil Nadu Young Scientist Fellowship** for the year 2015 – Awarded by Tamil Nadu State Council for Science and Technology (TNSCST) carries a monthly fellowship of Rs.10000/month for a period of 6 months.

CONFERENCE GRANTS RECEIVED

Event: International level “E-Symposium on Pharmaceutical Engineering – An Insight into Latest Developments”

Venue: Department of Pharmaceutical Technology, Bharathidasan University, Tiruchirappalli.

Role: Organizing Secretary

Date: 3rd March, 2006

Sponsored by

- (i) UGC, New Delhi (Unassigned Grant) – Rs.10000/-
- (ii) DIT, New Delhi (Sanction Order No. 2(55)/2005-T&IPD Dt.17.05.2006
Bank of India DD No. 924827 Dt. 12.05.2006 – Rs.50000/-)
- (iii) TANSCH, Chennai (Sanction order No. Rc. No. 690/ B/ 2005 Dt.
27.12.2005 Rs.10000/-)
- (iv) CSIR, New Delhi (Sanction Letter No. SYM / 2482/ 05-HRD Dt.
09.12.2005, Rs.20000/-)

Event: International Seminar and Workshop on Medical and Pharmaceutical Nanotechnology

Venue: Department of Pharmaceutical Technology, Anna University, Tiruchirappalli.

Role: Organizing Secretary

Date: 25-26th September, 2008

Sponsored by

- (v) INSA, New Delhi (Sanction order No. SP/C-17/2008 Dt.20.08.2008, SBI
Cheque No. 019382 dt.8.10.2008, Rs.10000/-)
- (vi) DBT, New Delhi (Sanction Letter No. BT/HRD/29/064/08 Dt. 03.11.2008,
Union Bank of India DD No. 009270 Dt. 12.11.2008, Rs.24588/-)
- (vii) DRDO, New Delhi (DRDO Sanction Letter No. ERIP/ ER/ 08-09/C/
65/ M/ 01 Dt.15.09.2008)
- (viii) BRNS, New Delhi (Sanction Letter No. 2008/17/34/66/BRNS/1870
Dt.24.10.2008)
- (ix) CSIR, New Delhi (Sanction Letter No. SYM / 3923/ 08-HRD Dt.
28.07.2008, Rs.75000/-)

Event: National Level Conference on Recent Trends and Applications of Nanotechnology in Pharmacy and Biology

Venue: Department of Pharmaceutical Technology, Anna University of Technology, Tiruchirappalli

Role: Member in the Organizing Committee

Date: 21-22nd January, 2010

Sponsored by

- (x) CSIR, New Delhi SYM/5034/09-HRD dated Dec 2,2009 Rs.0.25 lakhs
No. 7/396/2009-Admin-II dated 25.03.2010 Rs.0.25 lakhs
- (xi) DST, New Delhi Sanction order No. VI-D& P/321/09-10/TDT dated
23.12.2009 Rs.3.00 lakhs

Event: Nanobio Collaborative International Conference

Venue: Department of Pharmaceutical Technology, Anna University,
Bharathidasan Institute of Technology Campus, Tiruchirappalli –
620024 Organized in association with University of South Florida and
Mother Teresa Women’s University, Kodaikanal.

Role: Convener

Date: 27-29th June, 2013

Sponsored by

- (xii) Centre for International Affairs, Anna University, Chennai
Lr.No.CIA/Hosp./2013, Dt.04.10.2013 Rs.2.00 lakhs
- (xiii) DST, New Delhi VI-D&P/464/2014/TDT Dt:10.06.2013 Rs.4,75,000/-
- (xiv) Mother Teresa Women’s University, Kodaikanal MTU Dt: 16.05.2013
Rs.2.00 lakhs
- (xv) ICMR, New Delhi No.7/151/13-Seminars (HRD) dt.21.05.2013
Rs.40,000/-
- (xvi) INSA, New Delhi SP/C-25/2013, Dt: 31/05/2013/809 Rs.40,000/-
- (xvii) DRDO, New Delhi ERIP/ER/13-14/C/63 29.08.2013 Rs.50,000/-DBT,
New Delhi

Event: National Conference on Advances in Drug Design Discovery
and Development

Venue: Department of Pharmaceutical Technology, Anna University,
Bharathidasan Institute of Technology Campus, Tiruchirappalli –
620024

Role: Convener

Date: 24 – 25th July, 2014

Sponsored by

- (xviii) INSA, New Delhi SP/C-37/2014-621, Dt: 16.07.2014 Rs.20000/-
- (xix) DRDO, New Delhi ERIP/ER/14-15/C/29 Dt.23.07.2014 Rs. 50000/-
- (xx) BRNS, Mumbai No. 37/17/22/2014 – BRNS Dt.2.7.2014 Rs.50000/-
- (xxi) DBT, New Delhi DBT/CTEP/01/201400037 Dt:18.07.2014 Rs.50000/-

(xxii) TANSCHÉ, Chennai 1289-B/2014 Dt. 26.09.2014 Rs.20000/-

Event: International Conference on Innovations and Future Research
Dimensions on Nano-bio Pharmaceutical Technology

Venue: Department of Pharmaceutical Technology, Anna University,
Tiruchirappalli

Role: Organizing Secretary

Date: 7 – 8th October, 2014

Sponsored by

(xxiii) TEQIP II Sponsored: BIT/DEAN/TEQIP/2014-35 Dt.08.08.2014
Rs.150000/-

(xxiv) DBT, New Delhi DBT/CTEP/01/201400562 Dt:25.09.2014 Rs.75000/-

Event: 5th Annual International Convention of Association of
Pharmacy Professionals. Theme: Redefining Pharmacy Education
and Regulation for Translational Drug Research in India.

Venue: Department of Pharmaceutical Technology, Anna University,
Bharathidasan Institute of Technology Campus, Tiruchirappalli –
620024

Role: Organizing secretary

Date: 22-23rd January, 2016

Sponsored by

(xxv) DBT, New Delhi, Sanction Order No. DBT/CTEP/01/201501121 Email Dt.
31.08.2015 Rs.100000/-

(xxvi) DST, New Delhi. Sanction Order No. VI-D&P/532/2015-16/TDT Dt.
13.01.2016 Rs.250000/-

Event: MHRD Sponsored GIAN course on New Concepts in Tumor
Biology: From the Bench to Bedside.

Venue: Department of Pharmaceutical Technology, Anna University,
Bharathidasan Institute of Technology Campus, Tiruchirappalli –
620024

Role: Coordinator

Date: 22-26th March, 2021

Sponsored by

(xxvii)GIAN Sanction Order No. IIT/GIAN/S-20/1841 Dt. 25.02.2020
Rs.568000/- (8000 USD)

TRAVEL GRANTS RECEIVED

1. 5th International Conference on Scientific and Clinical Applications of Magnetic Carriers. Lyon, France. 20-22, May, 2004.
 - a. CSIR New Delhi - Rs. 25000/-
 - b. Magnetic Microsphere Society - Free Registration

2. 7th International Conference on Scientific and Clinical Applications of Magnetic Carriers. Vancouver, Canada. 20-24, May, 2008.
 - a. Centre for Cooperation in Science and Technology among Developing Societies (CCSTDS), Chennai. S.O.No. DO/LR/TF-I/08 Dt. 11.04.2008 Rs.25000/-
 - b. DBT, New Delhi. No. BT/HRD/29/064/08 dt.29.10.2008 Rs.24588/-
 - c. CSIR Letter No.22/IA/PFA/61/2008 dt.05.05.2008 Rs. 25000/-
 - d. Magnetic Microsphere Society - Free Registration

3. 9th International Conference on Scientific and Clinical Applications of Magnetic Carriers. Minneapolis, USA. 22-26, May, 2012.
 - a. Centre for Cooperation in Science and Technology among Developing Societies (CCSTDS), Chennai. S.O.No. DO/LR/TF-I/12-13 Dt. 08.05.2012 Rs.25000/-
 - b. DBT, New Delhi. No. CTEP/02/201200333 Dt.25.02.2012 Rs.75000/-
 - c. Magnetic Microsphere Society - Free Registration and 600 USD/-

4. 11th International Conference on Scientific and Clinical Applications of Magnetic Carriers held during 31st May to 4th June 2016 held at University of British Columbia, Vancouver, Canada.
 - a. DBT, New Delhi - DBT/CTEP/02/201600407. Rs.75000/-
 - b. Magnetic Microsphere Society - CAN DOLLARS - 600/-

5. 12th International Conference on Scientific and Clinical Applications of Magnetic Carriers held during 22.05.2018 - 26.05.2018 held at University of Copenhagen, Copenhagen, Denmark.

- a. CSIR/PFA/2316/18-HRD – Rs.30000/- (Declined to avail)
- b. Magnetic Microsphere Society – Free Registration

COMPLETED PG/UG PROJECTS

Number of PG Projects Completed: 48 Nos

S.no	Name of the student & reg no	Name of the University	Title of thesis	Year
1	N.Satheeshkumar(055112)	BDU	Formulations and <i>In-vitro</i> Evaluation of Pantoprazole Sodium Magnetic Micro Sphere	2007
2	K.Dhanalakshmi(055104)	BDU	Formulations and Evaluation of Mefenamic Acid Tablets	2007
3	A.Senthil Kumar(0695023)	BDU	Method Development and Validation of for Combination of Anti-steroidal Drugs	2008
4	R.Magesh(0695010)	BDU	Qualification of Rapid Mixer Granulator and Process Validation Studies of Acarbose Tablets	2008
5	S.P.Saravanan (0695025)	BDU	Sucralfate Magnetic Nanosuspension for Ulcer Therapy	2008
6	V.Senthilkumar(0695024)	BDU	Formulations and evaluation of Albendazole magnetic nano suspension a novel drug delivery approach for treating Helminthiasis.	2008
7	P.Chandrasekar(0695005)	BDU	Formulations and evaluation of poly herbal tablets and its anti-diabetic activity.	2008

8	M.Mohammed Raffick (0695011)	BDU	Formulations and evaluation of in-vitro release kinetics of extended release film coated tablet Oxcarbazepine	2008
9	P.Dwarakanan dha Reddy (0695007)	BDU	Process validation of solid dosage form of Etodolac extended release tablets	2008
10	R.DilmaelKrishan (0695006)	BDU	Nano Encapsulation of Paclitaxel for controlled delivery using ultra-thin poly electrolyte capsule as carrier	2008
11	A.Mohd Sheik Tharik (01107911024)	AUT	Trace level detection of conventional related compounds in environmental samples and characterization of antidote for Sulphur poisoning.	2009
12	R.TamilMurugan (01107911043)	AUT	Analytical method development and validation of pharmaceutical dosage forms of sildenafil citrate by using UV spectroscopy and RP-HPLC.	2009
13	T.Hazarathaiiah (01107911009)	AUT	Validation of parenterals sterilization by membrane filtration techniques: a critical study	2009
14	Naina Castro P.M (01107911027)	AUT	Development and validation for the determination of Thiamine Mononitrate, Riboflavin, Niacinamide and Pyridoxine HCL in multi vitamin and multi mineral capsules	2009
15	A.Parthasarathi (01107911031)	AUT	Novel carrier for drug delivery in cancer therapy.	2009

16	B.Sivakami (01107911040)	AUT	Synthesis, method development and validation of 2-(1-benzoyl-5-phenyl-4,5-dihydro -1h- pyrazol-3-yl) 6-chloro-4 methoxy phenol derivatives.	2009
17	M.JubaithaBe gam (01107911010)	AUT	Forced degradation studies and evaluation of Propafenone HCL tablets by HPLC and UV method	2009
18	M.Rajasekar (01107911034)	AUT	Analytical method development and validation for the quantitative estimation of Methyldopa by HPLC for related compounds.	2009
19	P.Gosend (01107911008)	AUT	Analytical method development and validation for the estimation of Glucosamine sulphate tablets by RP-HPLC method.	2009
20	L.Kingston (01107911017)	AUT	Development and validation of RP-HPLC and UV methods for the simultaneous estimation of Simvastatin and Ezetimibe in combined dosage forms.	2009
21	Vinod.B (01107911049)	AUT	New method for the determination of Ormeloxifen hydrochloride IP - a serum (selective estrogen receptor modulator) in the pure and formulated form	2009
22	Sarbudeen.M (01107911039)	AUT	Analytical method development and validation by reverse phase HPLC method and comparative drug release study by UV method for Diclofenac sodium sustained release tablets.	2009

23	P.Shanmugam	AUT	HPLC method development and validation of Amoxicillin and Dicloxacillin dispersible tablets.	2009
24	P.Santhosh Kumar (01107911047)	AUT	Formulation development and comparative evaluation of transdermal therapeutic system for anti-emetic therapy	2009
25	K.Karthikeyan (01107911018)	AUT	Fabrication of novel bio fibers containing silver nanoparticles with anti-microbial activity- a promising tool for wound dressing.	2009
26	J.Joysa Ruby (01107911017)	AUT	Formulation development and evaluation of co-trimoxazole gelatin coated tablet and its stability studies.	2009
27	M.Elango (01108911010)	AUT	Bio activity guided fractionation and characterization of chemical constituents of <i>Heliotropiumzeylanicum</i> Forsk	2010
28	S.Kalimuthu (01108911017)	AUT	Chemical and molecular characterization of bioactive phytoconstituents of selected herb with special emphasis on chromatography and spectroscopy	2010
29	K.C KannihaPriyadharsana (01108911019)	AUT	Assay method development and validation of Aripiprazole immediate release tablets	2010
30	C.Kalaiselvan (01108911016)	AUT	Isolation and characterization of impurities in Cefdinir drug substance.	2010
31	S.Shanmugavel	AUT	Synthesis, step by step characterization of layer-by-	2010

	(01108911041)		layer magnetic nanoparticles as versatile carriers for anti-tumor agents	
32	T.Suguna (01108911042)	AUT	Analytical method development and validation for the determination of methane sulphonic acid in Rasaglinemesylate drug substance by ion chromatography using suppressed conductivity detector	2010
33	Antaryami Jena (01108911005)	AUT	Preparation of bone implant using synthetic nanocalcium phosphate and nano hydroxyapatite incorporating bone morphogenic protein	2010
34	Kanchuchara n Panda (01108911018)	AUT	Taste masked Racecodotril oral disintegrating tablets.	2010
35	B.Balamuruga n (01108911006)	AUT	Anti-inflammatory and hepatoprotective activity on Commiphora species and its poly herbal capsule formulation	2010
36	V.Arulmozhi (01108911001)	AUT	Analytical method development and validation of Roseclitasone maleate tablets by using RP-HPLC method	2010
37	A.Ramni (01108911032)	AUT	Analytical method development and validation of Rosuvastatin and Ezetimive tablets by using HPLC	2010
38	P.Shamnug am (01108911040)	AUT	HPLC method development and validation of amoxicillin and Dicloxacillin dispersible tablets.	2010

39	S.ArulJothi (0110991101)	AUT	Isolation and structure elucidation of phytoconstituents of selected plants.	2011
40	K.Hari Gopala Reddy (0110991104)	AUT	Formulation, optimization and evaluation of Stavudine loaded niosomes and quantitative estimation by HPLC	2011
41	Kadambavad hani (0110991105)	AUT	Formulation, characterization optimization, stability studies of Lornoxicam nano emulsion and its analytical method development	2011
42	C.Thirunavukkarasu (011099110)	AUT	Design of optimized capecitabine nanoparticulate formulation, stability and its analytical method development	2011
43	R.Mailvelan	AUT	Development and validation of RP-HPLC and UV spectrometric methods for the simultaneous estimation of Ubidcarenone and Colmifene citrate in tablet dosage form	2012
44	Sherlina Daphny C - 810013511013	AUT	Exploration for active Antimicrobial protein from sting ray Fish	2014
45	Monisha S. 810013511008	AUT	Development and evaluation of resealed erythrocyte loaded with antineoplastic agent	2014
46	M.Meenakshi 810017511003	AUC	Phytochemical characterization and standardization of ayurvedic medicated oil NRAF-RD007	2019
47	Maiyazhagan aar L 810018511007	AUC	Formulation of 5-fluorouracil loaded magnetic liposomes as novel theranostics for rheumatoid arthritis	2020

48	G.R.Harsathra m 810020511001	AUC	Bioprospection of antimicrobial peptides from edible marine gasropods: purification and invitro bioactivity evaluation	2022
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Number of UG Project Completed: 64 batches

S.No	Name of the student & reg no	Name of the University	Title of thesis	Year
1	D.Sathishkumar- E004935	BDU	Biological evaluation of crude extract of <i>Heliotropium zeylanicum</i>	2004
2	R.Preethi- E105037	BDU	Diuretic and anti-microbial studies for the formulated extracts	2004
3	Chandrasekhar Amara Gayathri.v	BDU	Isolation and characterization of secondary metabolite and checking its anti-microbial activity of a marine organism	2004
4	S.Vijaykumar K.Gopi T.Sasikumar	BDU	Rx-analyser software for drug interactions using visual basic-6.0	2004
5	T.R.AllenRanish - E105018 P.Anusha Devi - E105019 S.Premithan - E105040	BDU	Separation of glycoprotein from jack fruit (<i>Artocarpusheterophyllus</i>) using affinity chromatography	2004
6	Gayathri.V - E104893	BDU	Isolation and characterization of secondary metabolite and checking its antimicrobial activity of marine organism	2004

7	Elayaraja.K - E106246	BDU	Evaluation of biological activities of crude extracts of <i>Capparis sepiaria Linn</i>	2005
8	M.Ramadevi - E106143 S.Nancy - E106137	BDU	Isolation and evaluation of anti-bacterial activity for the crystalline secondary metabolites obtained from various isolated marine microorganisms	2005
9	Antony Lawrence Paul J. Dheenan M.Muthuraja G .Prabakaran Syed Mohammed Siddiq.SK	BDU	Freeze pelletization technique for formulation of drug loaded matrix pellets	2006
10	N.Bhaskar- E106131 P.Valarmathi- E106150	BDU	Preliminary isolation, characterization bio evaluation of crude protein fraction obtained from <i>Trochus radiatus</i> (Gastropoda) - a marine mollusk	2006
11	GhayathriRajan - E330125 K.Arthi - E330111	BDU	Design development and process optimization for separation of isopropanol water azeotrope by extractive distillation in pharmaceutical production process	2007
12	S.P.Ananth - E330112 P.Pavithradhevi - E330147 A.Suresh - E330157	BDU	Biochemical characterization, growth optimization of isolated marine microorganism and preliminary evaluation of isolated secondary metabolites as novel antibiotics	2007

13	S.Parthasarathi - E330146	BDU	Formulations and evaluation of plain and magnetic RanitineHCl microsphere	2007
14	R.Suganya - E430158	BDU	Toxicity and anti-cancer evaluation of <i>Commiphora caudata</i>	2008
15	S.SebastinArokiadass- E430150	BDU	Equipment qualification for bulk drugs and intermediates	2008
16	G.Abinaya - E430111 T.Manopriya - E430137	BDU	A RP-HPLC Method for Estimation of Loratidine in Dosage Forms	2008
17	K.Prasanna - E430144	BDU	Formulation, <i>in-vitro</i> evaluation and encapsulation of Ranitidine magnetic granules	2008
18	B.BenjaminDisaali - E430120 P.D.Athmaram - E430165 S.Benthurajan - E430166	BDU	Production of Sulfamethoxazole nanoparticles by nanoprecipitation method	2008
19	M.Daniel Buckle Navamani K.Muthamizhi	BDU	Structure based drug designing for cytochrome-b in cataract	2009
20	Karvannan.N-0551006 Kavikrishnan-0551007 Vijaykumar-0551025	BDU	Comparative studies of e and z Guggulsterone in <i>Commiphora</i> species using HPLC analysis	2009

21	Aishwarya.T- 011071540001	AUT	Preparation and characterization of Glucosamine sulphate magnetic nanoparticle for anti-arthritis therapy	2011
22	Naveenkumar .T - 011071540021	AUT	Preparation and evaluation of Mefenamic acid magnetic nanoparticles for rheumatoid arthritis	2011
23	Nithya K - 01108154022	AUT	Antimicrobial Evaluation and Characterization of organic extracts of <i>Sargassum wightii</i> and <i>Kappaphycus alvarezii</i>	2011
24	Saranraj S - 011071540021	AUT	Preparation and evaluation of Indomethacin Nanoemulsion	2011
25	Padmitha NK - 011081540023	AUT	Synthesis and evaluation of ester and amino terminated polyamidoamide (PAMAM) Dendrimers for its metal binding behavior	2012
26	Dheebika G - 01109154006	AUT	In-vivo Pharmacological screening of crude extracts of Capparis sepiaria and Cadaba indica for urolithiasis and diuretic activity	2013
27	Sindhuja Y- 01109154040	AUT	In-vivo Pharmacological screening of crude extracts of Capparis sepiaria and Cadaba indica for urolithiasis and diuretic activity	2013
28	Gayathri K - 01109154033	AUT	Antimicrobial appraisal of protein extract of Donax cuneatus marine edible bivalve and its Characterization	2013

29	Surender V- 01109154045	AUT	Exploration of Marine invertebrate Donax cuneatus and strombus for its antimicrobial activity	2013
30	Divya Bharathi M.N - 01110154007	AUT	Phytochemical analysis and in-vivo evaluation of Anti-psoriatic activity of Justicia tranqueariensis in BALB/C	2014
31	Saranya S - 01110154033	AUT	Evaluation of ethanolic extract of Aristolochia bracteolata and its synthesized AgNP's for their Antiacterial Efficacy	2014
32	Omrohini M - 01110154022	AUT	Investigation of Anticholinesterase activity of Cadaba indica and capparis sepiaria and isolation of active components.	2014
33	Sobiya M - 01110154043	AUT	Investigation of Anticholinesterase activity of Cadaba indica and capparis sepiaria and isolation of active components.	2014
34	Vinothkumar G. - 810011237050	AUT	Scrutiny of temporins binding energy and pattern counter to 41K and 4G7G by insilico method	2015
35	Keerthana T - 810011237025	AUT	In-vitro anticancer and anti-Bacterial activity of southern tropical medicinal Plant	2015
36	Ponmalar M- 810011237035	AUT	Preliminary phytochemical and Pharmacological evaluation of Chloroform and ethanolic extract of sterblus species	2015
37	A.Ajithkumar 810012237002	AUC	Formulation and Evaluation of Tenofovir Nanoemulsion	2016
38	D.Pavithra 810012237030	AUC	Formulation and Evaluation of Tenofovir Nanoemulsion	2016

39	A.Aswathy Priya 810012237008	AUC	Invitro antioxidant potential of ethanolic extract of garuga pinnata, bosewellia serrata, evolvulus alsinoides	2016
40	S.Nithya 810012237029	AUC	Invitro antioxidant potential of ethanolic extract of garuga pinnata, bosewellia serrata, evolvulus alsinoides	2016
41	P Keerthana 81003237023 G.Kavithalaya 81003237021	AUC	Synergistic performance evaluation of developed Magnetoliposomes for anti-cancer chemo therapy	2017
42	Maheshvijay P 81003237026	AUC	Clinical trial management and documentation of clinical research data of PZ-121 ABV using SAS for NDA	2017
43	Archana G P 810014237009	AUC	Preparation and characterization of ferrogel for anti-ulcer treatment	2018
44	Natesh Prabu M 810014237028	AUC	Study and optimization of process design over distillation to improve efficiency in pharmaceutical industries	2018
45	Sangeetha T 810014237041	AUC	Preparation and characterization of ferrogel for anti-ulcer treatment	2018
46	Subashini K 810014237047	AUC	Scaleup and process engineering of Product A	2018
47	KONDASAMY M 810015237016	AUC	Reverse phase-hplc assay method development and validation of vitamin d3 in magnesium and vitamin d3 tablets	2019

48	PRIYANKA P 810015237028	AUC	In -vitro study of anastrozole loaded nanosuspension for the treatment of breast cancer	2019
49	SHAIK THAJDEEN S 810015237037	AUC	In -vitro study of anastrozole loaded nanosuspension for the treatment of breast cancer	2019
50	DHIVYA KP 810016237008	AUC	Formulation and evaluation of smart tablets for improved ulcer therapy	2020
51	RANJITH K 810016237033	AUC	Formulation and evaluation of smart tablets for improved ulcer therapy	2020
52	ZULEGA NILOFAR S 810016237049	AUC	CDISC clinical SDTM project on Rheumatoid Arthritis-An example of applying CDISC standard	2020
53	PRIYADHARSHI NI R 810017237029	AUC	Development of 5-Fluorouracil loaded magnetic nanoliposomes for breast cancer treatment	2021
54	UDHAYA KUMAR S 810017237037	AUC	Development of 5-Fluorouracil loaded magnetic nanoliposomes for breast cancer treatment	2021
55	ROSI R 810017237032	AUC	Formulation and characterization of Letrozole loaded magnetically triggered nanoliposomes for breast cancer targeting	2021
56	VENKATA KRISHNAN P 810017237038	AUC	Formulation and characterization of Letrozole loaded magnetically triggered nanoliposomes for breast cancer targeting	2021

57	DHIVYA N 810018237014	AUC	Formulation of magnetic mucoadhesive tablets of omeprazole for duodenal ulcer	2022
58	YOGANANTH P 810018237050	AUC	Process and facility design for manufacturing of metronidazole injection	2022
59	VIJAYASELVASI NGH J 810018237047	AUC	Process and facility design for manufacturing of metronidazole injection	2022
60	PRAVIN M 810018237301	AUC	Process and facility design for manufacturing of metronidazole injection	2022
61	DHIVAKARAN 810019237007	AUC	Formulation development, optimisation and evaluation of magnetic effervescent tablets for peptic ulcer therapy.	2023
62	GOMATHI M 810019237011	AUC	Formulation development, optimisation and evaluation of magnetic effervescent tablets for peptic ulcer therapy.	2023
63	PRIYANGA G 810019237027	AUC	Formulation optimisation, evaluation of magnetically targeted pantoprazole effervescent tablets for improved antiulcer therapy	2023
64	SHAMINI S 810019237035	AUC	Formulation optimisation, evaluation of magnetically targeted pantoprazole effervescent tablets for improved antiulcer therapy	2023

RESEARCH GUIDANCE (PH.D.) (COMPLETED)

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
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1.	Anis Kumar M 20096022002	Agronomic assessment of bioinoculant consortium for bioorganic agroproduction of secondary metabolites from <i>Andrographis paniculata</i>	2009	30.12.2016
2.	Arputha Bibiana M 20115061001	Bioprospecting dietary antimicrobial proteins and peptides from <i>Donax cuneatus</i> and <i>Pitar erycina</i>	2011	03.09.2018
3.	Dhivya P. S 1322559124	Neuroprotective effect of traditional herbs for the attenuation of cognitive deficits	2013	27.06.2019
4.	Jayalakshmi R 1423759742	Analysis, identification of active botanical ingredients and relative evaluation to decipher their role against cancer cell lines	2014	07.09.2021
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NATIONAL JOURNALS

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15. Anis kumar M, Sakthivel U, Selvamani P. Plant Growth Promoting Rhizobacteria (PGPR) Cells Mediated Antibacterial Activity in the Extracts of Andrographis Paniculata, Asian Journal of Microbiology Biotechnology and Environmental sciences, 2015; 17: 153-156.
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SPONSORED RESEARCH PROJECTS

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status
1	Development of a novel Calcifediol loaded Nano-in-Micro (NiM) inhalable	CSIR	~25.00 Lakhs	3 Years	Ongoing

	antibacterial powder formulation against respiratory superbugs.				
2	Evaluation of molecular modulating role of <i>Jatropatanjorensis</i> (Euphorbiaceae) on NF-kB/NrF2 signaling pathway of colon carcinogenesis.	SERB	21.90 lakhs	2018-2020	Completed
3	Development and Evaluation of Natural Antimicrobial Peptide(s) Incorporated Formulation for MDR- Anti- Infectious Therapy	UGC	24.48 lakhs	2015 - 2020	Completed
4	Discovery and characterization of novel bioactive peptides from marine gastropods	UGC	23.56 Lakhs	2017 - 2022	Completed
5	Development of peptide conjugated nano-magnetic probes as cancer theranostics	DST & JSPS	Rs.5.92 Lakhs & 980,000 JPY	2018 - 2020	Completed
6	Research Seed Grant	TEQIP II	50,000	2016	Completed
7	Bioassay guided fractionation of proteins/peptides from marine resources, structural characterization and evaluation as therapeutic lead against nosocomical pathogens	SERB	53.392 Lakhs	2015 - 2019	Completed

	and as nutraceutical supplement					
8	Magnetically triggered drug release from magnetic nanoparticles	DST & DAAD	5.00 Lakhs DAAD – 6170 Euros	2015 – 2017	Completed	
9	Systematic exploration and pharmacological appraisal of active botanical ingredient (fraction) isolated from herbs as possible adjunct / alternate therapeutic aid for dementia associated with Alzheimer's disease	DST	26.85 Lakhs	2012 – 2015	Completed	
10	Isolation, Characterization and Formulation Studies of Gums Obtained from <i>Albizia stipulata</i> and <i>Prunus cerasoides</i> of Mizoram	DBT	57.62 Lakhs (Rs. 29.40 Lakhs for Anna University)	2012 – 2015	Completed	
11	National Facility on Drug Development for Academic Institutions, Pharmaceutical and Allied Industries	DST	600 Lakhs	2010– 2012	Completed	
12	Design Construction of Fe Drug Nano Complex	DRDO	12.564 Lakhs	2010 – 2013	Completed	

	loaded nano/micro bullets using a novel hybrid technology for magnetic targeted therapy and its comparative evaluation with special emphasis on rheumatoid arthritis.				
13	Synthesis, step by step characterization of multilayer magnetic nanoparticles as versatile antitumor agent	TNSCST	10000	2009 – 2010	Completed
14	Formulation and pharmacotechnical evaluation of controlled release transdermal drug delivery system of a selected new antiemetic drug.	University Grants Commission, New Delhi	5.85 Lakhs	2008 – 2011	Completed
15	Screening of some selected South Indian medicinal plants for treating Rheumatoid Arthritis.	TNSCST & DST	10.74 Lakhs	2007 – 2010	Completed
16	Formulation and evaluation of magnetic nanosuspensions: A classical approach for targeting poorly soluble drugs in oral tract	TNSCST	5000	2007 – 2008	Completed

17	Bioprospection and characterization of bioactive metabolites from marine organisms as possible therapeutic agents	TNSCST	2.19 Lakhs	2005-2007	Completed
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LIST OF SEMINARS / SHORT TERM COURSES / FDPS/ WORKSHOPS ORGANIZED

- Member in the organizing committee of National level conference on “Current trends in orienting students towards industrial projects” held on 23-25th February. 2004, at School of Engineering and Technology, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu.
- Member in the organizing committee of National Level Technical Symposium on “Pharma Innovations” held on 24th January 2006, at School of Engineering and Technology, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu.
- Member in the organizing committee of National Level Technical Symposium on “Contract Research and Patent Rights” held on 24th February 2006, at School of Engineering and Technology, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu.
- Organized an International level “E-Symposium on Pharmaceutical Engineering – An Insight into Latest Developments” held on 3rd March 2006, at School of Engineering and Technology, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu.
- Member in the organizing committee of International level “Theoretical Chemistry Symposium” held on 11-13th December 2006, at Department of Chemistry, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu.
- Member in the organizing committee of National Level Technical Symposium on “Exploring the research platform for pharmaceutical product and process development” held on 15-16th March 2008, at Anna University, Tiruchirappalli – 620 024, TN.

- Organized an International Seminar and Workshop on “Medical and Pharmaceutical Nanotechnology” “held on 25–26th September 2008, Anna University, Tiruchirappalli – 620 024, Tamil Nadu.
- Member in the organizing committee of National Level Conference on “Recent Trends and Applications of Nanotechnology in Pharmacy and Biology” held on 21–22nd January 2010, at Anna University, Tiruchirappalli – 620 024, Tamil Nadu.
- Convener of the Nanobio Collaborative International Conference held on 27–29 June, 2013, at Anna University, Bharathidasan Institute of Technology Campus, Tiruchirappalli – 620024 in association with University of South Florida and Mother Teresa Women’s University, Kodaikanal.
- Organized a Faculty Development Program on ‘Multidisciplinary Perspectives for Pharmaceutical, Life Science Educators And Researchers’ held on 9 – 14th December, 2013 at Anna University, Bharathidasan Institute of Technology Campus, Tiruchirappalli – 620024.
- Organized a National Conference on “National Conference on Advances in Drug Design Discovery and Development” held on July 24 – 25th 2014 at Anna University, Bharathidasan Institute of Technology Campus, Tiruchirappalli – 620024.
- Member in the organizing committee of the DST and TEQIP II sponsored “National Conference on Recent Strategies in Herbal Research – An Experimental Approach” organized by Department of Pharmaceutical Technology, Anna University, BIT campus, Tiruchirappalli on 19–20th Sep 2014.
- Organized an International Conference on “International Conference on Innovations and Future Research Dimensions on Nanobio Pharmaceutical Technology” held on October 7 – 8th 2014 at Anna University, Bharathidasan Institute of Technology Campus, Tiruchirappalli – 620024.
- Member in the organizing committee of the 4th Annual National Convention of Association of Pharmacy Professionals. Theme: ‘Industry participation in Academic intervention: Need for overall upgradation of Pharmacy Profession’ organized by Invertis University held on 31st Jan 2015.

- Organizing secretary for the 5th Annual International Convention of Association of Pharmacy Professionals. Theme: Redefining Pharmacy Education and Regulation for Translational Drug Research in India. Scheduled on January 22-23rd, 2016 at Anna University, Bharathidasan Institute of Technology Campus, Tiruchirappalli – 620024.
- Advisor and Scientific Committee Member for the International Conclave for the Advancements in Bio, Chemical and Pharmaceutical Technologies held on 6-8th March, 2019 at PABCET, Tiruchirappalli.
- Organized the MHRD Sponsored GIAN course on 'New Concepts in Tumor Biology' Course Code: 196020H01 held during May 2022.
- Organized the Global Colloquium on Oncology Research and Therapy' Theme: Education and Research towards Tumor Eradication 11-12th February, 2023.
- Convened the International Conference on Challenges in Higher Education for Under Privileged – A Global Perspective at Anna University, Chennai from 12-14th April, 2023

PROFESSIONAL RECOGNITIONS

RESEARCH EXAMINERSHIP

- External Member for the public viva-voce examination for the PhD candidate Mr. Mohamed Asik on his research thesis titled 'On the therapeutic use of myrtenal in Alzheimer's disease and glioblastoma multiforme as a bifunctional inhibitor of BACE-1 and PRMT5' (Reg. No.: 21145697159) (Director-Research, Bharathidasan University, Tiruchirappalli Procs No. 31802/Ph.D.K9/Zoology/FT/ Oct 2015/dt. 30.11.2023) Supervisors – Dr. G. ARCHUNAN & Dr. B. KADALMANI
- External examiner for the PhD thesis titled 'An Innovative Approach to Enhance Oral Bioavailability of Eprosartan Mesylate, Loaded in Biodegradable Nanoparticles' submitted by Smt. Easha Biswas from Jadavpur University, Kolkata – 2022.

- External examiner for the PhD thesis titled PhD thesis titled “Design and development of mucoadhesive formulations of polyphenol for the treatment of oral submucous fibrosis” submitted by Mr. Chetan Hasmukh Mehta from Manipal Institute of Higher Education, Manipal - 2022.
- External examiner for the M.Tech by research thesis titled ‘Synthesis and characterization of un-encapsulated and pterostilbene-entrapped liposomes, preliminary study of the relative apoptotic effect of free pterostilbene and pterostilbene-entrapped liposomes on human cells- possible role of human caspase-14’ submitted by Mr. Hiray Kaustubh Sunil from VIT, Vellore - 2021.
- External Examiner for the conduct of Public Viva-voce examination for the PhD candidate Ms.R.Sabitha (5460/PHDK7/DIR/BIOMEDICAL SCIENCE Dt. 23.06.2021) Thesis title: Amliorative effect of p-coumaric acid on ethanol induced toxicity in male wistar rats.
- External examiner for the PhD thesis titled ‘Preparation and Evaluation of a Protective Formulation in Animal Models for the Assessment of Overexposure to Ocular Irritants in Riot Control Situation’ submitted by Ms. Harshita Krishnatreya from University of Calcutta - 2021.
- External examiner for the PhD thesis titled ‘Biodegradable Nanoparticles: A novel drug delivery system to improve oral bioavailability’ submitted By Sri. Pradipta Sarkar’ From Jadavpur University, Kolkata - 2020.
- External examiner for the PhD thesis titled ‘Pharmacokinetic Evaluation of Various Dosage Forms of Sustained Release Gliclazide Tablets and Its Therapeutic Efficacy in Diabetic Patients’ submitted by Smt. Rubina Roy (Bose) from Jadavpur University, Kolkata - 2018.
- External examiner for the PhD thesis titled ‘Clinical Investigation to Drug Interaction Between Olmesartan & Atorvastatin as Combined Dosage Form on Marketed Product’ submitted by Shri. Rakesh Das from Jadavpur University, Kolkata - 2015.

DOCTORAL COMMITTEE MEMBERSHIP

- Doctoral Committee Member for the PhD candidate Mr. P.Jeyavel Karthick (Reg. No.: 21145697159) under full-time mode in Bannari Amman Institute of Technology, Satyamangalam (Director, CFR, Anna University Procs No. 21145697159/Ph.D./AR9, Dated: 24.08.2022) Supervisor – Dr. S.Tamilselvi
- Doctoral Committee Member for the PhD candidate Ms. Shreyasi Kundu (Reg. No.: 22PHD0325) under full-time mode in Vellore institute of Technology, Vellore (Dean, Academic Research Ref.No.:VIT/Dean(AR)/Ph.D./22PHD0325/L02 Date: November 25, 2022) Supervisor – Dr. Suresh P K
- Doctoral Committee Member for the PhD candidate Ms. Sowmya K (Reg. No.: 22225297124 Session: July 2022) under full-time mode in AC Tech, Anna University, Chennai (Director, CFR, Anna University Procs No. 22225297124/PhD/AR9 Dt.17.07.2022) Supervisor – Dr. S.Renganathan
- Doctoral Committee Member for the PhD candidate Mr. Senthil Nathan M (Reg. No.: 22145697109 Session: July 2022) under part-time mode in KSR College of Technology, Tiruchengode (Director, CFR, Anna University Procs No. 22145697109/PhD/AR9 Dt.14.07.2022) Supervisor – Dr. B.Mythili Gnanamangai
- Doctoral Committee Member for the PhD candidate Ms. Nandhini N (Reg. No.: 22245691134) under full-time mode in Bannari Amman Institute of Technology, Satyamangalam (Director, CFR, Anna University Procs No. 22245691134/Ph.D./AR9, Dated: 14.03.2022) Supervisor – Dr. S.Tamilselvi
- Doctoral Committee Member for the PhD candidate Ms. Parvatham K under full-time mode in Bharathidasan University, Tiruchirappalli Supervisor – Prof. V. Rajesh Kannan
- Doctoral Advisory Committee (DAC) for the Ph.D. candidate Ms. V Sai Vaishnavi, Reg. No. 19PPT035 of JSS Academy of Higher Education and Research from 18.02.2020 onwards.
- Doctoral Committee Member for the PhD candidate Mr.R.Seenivasagam in Bharathidasan University, Tiruchirappalli [Ref No.21286 /PhD.1/ Biomedical

Science/Part-time/October 2011/Dt.11.10.2011] (Ref. BU/BMS/2011/2520 Dt.29-11-2011)

BOARD OF STUDIES MEMBERSHIP

- External Expert Member in Board of Studies for the B.Tech Biotechnology of KS Rangasamy College of Technology, Tiruchengode from 10.11.2023 onwards. (Principal Lr. No. KSRCT/BT/2023-24/BOS Dt. 10.11.2023)
- Anna University nominee and Member in Board of Studies for the B.Tech Pharmaceutical Technology, Gnanamani College of Technology, Namakkal (Autonomous) from 2023 onwards.
- Member in Board of Studies for the B.Tech Pharmaceutical Engineering of Vinayaka Missions Research Foundation, Salem from 2021 onwards.
- Member in Board of Studies for the M.Sc. Biodiversity and Bioprospecting – UGC Innovative Program of Bharathidasan University, Tiruchirappalli from 2010 onwards.

CHAIRPERSON FOR CONFERENCES / SEMINAR / TECHNICAL SYMPOSIA

- Member of the Scientific Services Committee (Poster Evaluator) in the 65th Indian Pharmaceutical Congress held at Amity University; Noida held during 20 – 22nd Dec, 2013.
- Chaired the Scientific Session of the National Conference on Redesigning Pharmacy Education and Research: Contemporary issues and future strategies. held on 16th March 2014, at Sri Siddhartha Pharmacy College, Nuzvid, Andhra Pradesh.
- Chaired the Scientific Session in the APP 7th Annual Convention and 2nd Indo-US conference MTCCFSPST "Modern Trends, Current Challenges and Future Scenario of Pharmaceutical Sciences and Technology" at Vels University Campus, Pallavaram, Chennai held on 27th July 2018.
- Chaired the Scientific Session in the APP 8th Annual Convention and 4th Indo-US conference on Research and Innovations in Pharmaceutical

Sciences, Progress and Barriers at JSS College of Pharmacy, Ooty held on 24-25th July, 2019

- Jury member for the poster evaluation in the 11th International Conference on the Scientific and Clinical Applications of Magnetic Carriers, Vancouver, Canada held during 31.05.2016 - 04.06.2016.
- Jury member for the poster evaluation in the 12th International Conference on the Scientific and Clinical Applications of Magnetic Carriers, Vancouver, Denmark held during 22.05.2018-26.05.2018.
- Member of the Scientific Services Committee (Poster Evaluator) in the 71st Indian Pharmaceutical Congress held at Sri Ramachandra Institute of Higher Education and Research, Chennai held during 20 - 22nd Dec, 2019.
- Chaired the scientific sessions in the APP 10th Annual Virtual International Convention on Dec 10 & 11, 2021 at Vels deemed to be University, Chennai, Tamilnadu,
- Jury member for the poster evaluation in the APP 13th Indo-US Conference Feb 10, 2021.
- Chaired the 'Scientific Oral Session' in the Indo-Caribbean Virtual International Symposium 'Women Researcher Award Competition 2022' organized by APP Hyderabad & Trichy Local Branches and APP Comm Clin Pharm Division hosted by Nand Kishore College of Pharmacy, Naini, Allahabad, Uttar Pradesh, India in commemoration of International Day of Women & Girls in Science on 12th Day of February 2022.
- Chaired "Scientific Lecture Session " during 1st Indo-Japanese International Conference on "Recent Advances & Global Challenges in Pharmaceutical Field" organized virtually by APP Tamilnadu State Branch and APP Japanese International Branch in collaboration with APP Pharmaceutical Education & Healthcare Management Division at School of Pharmaceutical Sciences, Vels Institute of Science Technology and Advanced Studies Pallavaram, Chennai, Tamilnadu in commemoration of 'World Health Day 2022'. DR. PALANISAMY SELVAMANI Given this April 2022 on the 9th day
- 'Chairperson' of 'Scientific Lecture Session' virtually in the 21st Indo-US international Conference Theme: "Global Challenges & Current Updates in

Pharmaceutical Sciences" organized by APP Karnataka State Branch and APP American International Branch in collaboration with APP BioTech Division at Sir C.R. Reddy College of Pharmaceutical Sciences Eluru, Andhra Pradesh in celebration of 'Pharmacy Week 2022'. Given on 25th-26th day of November 2022.

GUEST LECTURES DELIVERED

1. Delivered a lecture on Nanotechnology and its Applications in Drug Delivery in the National Level Technical Symposium on Recent Trends in Biotechnology and its Applications on 8th April 2006 organized by the Department of Biotechnology, Pavendar Bharathidasan College of Engineering and Technology, Tiruchirappalli – 620024
2. Delivered a lecture on Patents and Publications in the National Level Technical Symposium on Emerging Trends in Biotechnology and its Applications on 18th March 2009 organized by the Department of Biotechnology, Pavendar Bharathidasan College of Engineering and Technology, Tiruchirappalli – 620024.
3. Delivered a lecture on Pharmacology for drug discovery and development for the M.Sc students on 22nd January 2012 Centre for Research and Development of Siddha, Ayurvedha Medicines, Bharathidasan University.
4. Delivered a lecture on Nano-food-technology: out of the laboratory on to our plates in the National Level Technical Symposium on Emerging Trends in Biotechnology on 26th March 2012 organized by the Department of Biotechnology, Pavendar Bharathidasan College of Engineering and Technology, Tiruchirappalli – 620024
5. Delivered a lecture on Classical Techniques for Extraction of Phytoconstituents in the DBT Sponsored Hands on Training on Biopharmaceutical Approaches in Plant Based DRUG Discovery (Phytodrugs – 2012) held during 02-16th May, 2012 organized by the Department of Biotechnology, Anna University of Technology, Tiruchirappalli – 620 024

6. Delivered a lecture on Biological Applications of Nanotechnology Refresher Course in Life Science on 01.07.2013 organized by the UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli – 620024
7. Delivered a lecture on characterization of nanoparticles and Synthesis of nanoparticles in the Refresher Course in Life Science on 05.07.2013 organized by the UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli – 620024
8. Delivered a lecture on Synthesis of Nanoparticles and characterization of nanoparticles in the Refresher Course in Life Science on 10.07.2013 organized by the UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli – 620024
9. Delivered a lecture on Overview of Magnetic Separation Techniques in the Short-Term Course on Integrated Separation Process for Environmental and Biotechnology Applications held on 19–20th July, 2013 organized by the Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli.
10. Delivered a lecture on Chemical methods of nanoparticle synthesis in the CISR, DST Sponsored National level seminar on ‘Modern Trends in Pharmaceutical Sciences’ held on 8–9th August, 2013 organized by the Himalayan Pharmacy Institute, Sikkim.
11. Delivered a lecture on State-of-the-art review on bionanotechnology: Navigating from Thematic Research to Innovation in the DST Sponsored National Work shop on “Tuning Nanoscientific Research Towards Industrial Needs” from 5th October to 8th October, 2013 organized by the Department of Biotechnology, Chemistry and Physics, Mother Teresa Women’s University, Kodaikanal in Attuvampatty campus, Mother Teresa Women’s University, Kodaikanal
12. Poster Session Chair in the 65th Indian Pharmaceutical Congress held during 20 – 22nd Dec, 2013 at Amity University, Noida.
13. Delivered a lecture on Phytoconstituents and Pharmacology of *Commiphora berryi* in the 3rd Annual National Convention held on 18th January 2014 organized by the Faculty of Pharmacy, Dharm Singh Desai University, Nadiad, Gujarat

14. Delivered a lecture on Advanced Methods for Nanomaterial Synthesis / Characterization on 13.02.2014 in the Centre for Advanced Faculty Training on 'Development and nanosizing of biotechnological products for fisheries and aquaculture' organized by the Central Institute of Fisheries Education, Mumbai
15. Delivered a lecture on Advanced Methods for Nanomaterial Synthesis / Characterization on 13 – 14th Feb, 2014 in the Centre for Advanced Faculty Training on 'Development and nanosizing of biotechnological products for fisheries and aquaculture' organized by the Central Institute of Fisheries Education, Mumbai
16. Delivered a lecture on Modern Progress in Biotechnology in the International Conference on Modern Progress in Biotechnology held on 9 – 10th Oct, 2014 organized by the Department of Biotechnology, Anna University, BIT campus, Tiruchirappalli
17. Delivered a Keynote lecture on Green Synthesis of Nanoparticles in the Faculty Development Programme on 6th Dec, 2014 organized by the Sree Sastha Institute of Engineering and Technology, Chennai
18. Delivered a lecture on Drug Designing on 13th January, 2015 for the PG Students organized by the Department of Biochemistry, KSR College of Arts and Science, Tiruchengode.
19. Delivered a lecture on Advances in Ultra violet and Visible Spectroscopy and Practical applications in Pharmaceutical Analysis in the TEQIP II & DST sponsored Hands on training on "Sophisticated Instruments" held from 16– 20th February, 2015 organized by the Anna University, BIT campus, Tiruchirappalli
20. Delivered a lecture on Biodiversity Conservation and Green Technology for Environment Protection in the National Conference on Current Perspectives and Challenges in Biodiversity and its Conservation held on 6 – 7th Mar, 2015 organized by the Rajah Serfoji Government College, Tanjore
21. Delivered a lecture on Advances in magnetic nanoparticles mediated targeted drug delivery 4th Indo-African Conference on Advances in Nanoscience and Nanotechnology – Its Societal Impact on 18th Sep, 2015

organized by the Department of Biotechnology, Bannariamman Institute of Technology, Satyamangalam.

22. Delivered a lecture in the National Level Conference on Recent Developments in Medical Biotechnology held on 3.2.2016 organized by the Selvam Arts and Science College, Namakkal.
23. Delivered a lecture in the Refresher Course on Laboratory Techniques in Clinical Biochemistry on 13th February 2016 organized by the Jeppiaar Engineering College, Chennai.
24. Delivered a lecture on Emerging Trends and Innovations in Drug Delivery Workshop on 18.03.2016 organized by the Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada.
25. Delivered a lecture on Drug Designing Using Food Sources and Assessing its Quality in the Special lecture organized by Department of Food Science and Nutrition, School of Professional Studies, scheduled on 02.03.2016 Periyar University, Salem.
26. Delivered a Keynote Lecture on Big Data Analytics in the DST sponsored 10 days programme on Big Data Analytics held during 14–23rd July 2016 organized by the Department of Computer Applications, AU-BIT.
27. Delivered a lecture on Applications of Nanotechnology on 02–03rd November 2016 organized by the Department of Biotechnology, Bannariamman Institute of Technology, Satyamangalam.
28. Delivered a lecture on Cancer therapy through cellular targeting on 21.11.2016 at the Technische Universitat, Ilmenau, Germany during the DST/DAAD Collaborative Project visit during 19.11.2016 to 28.11.2016.
29. Delivered a lecture on Cancer therapy through cellular targeting on 22.11.2016 at the Section of Experimental Oncology and Nanomedicine, University Hospital Erlangen, Germany during the DST/DAAD Collaborative Project visit during 19.11.2016 to 28.11.2016.
30. Delivered a Keynote Lecture on Bioinformatics and Big Data in the National workshop on Modernization in Bioinformatics and Big Data held during 19 – 26th Dec, 2016 organized by the Department of Computer Applications, AU-BIT.

31. Delivered a lecture on Drug Delivery Techniques in the UGC Refresher Course on in Biosciences 6th November 2017 organized by the Academic Staff College, Bharathidasan University, Tiruchirappalli.
32. Delivered a lecture on Delivery of Biologics – Role of Nanotechnology in the Course on “Advances in Nanobiotechnological Tools in Fisheries” on 7th December 2017 organized by the Central Institute of Fisheries Education, Mumbai.
33. Delivered a lecture on Smart nano drug delivery systems: A journey from fundamentals to the clinic in the National seminar on Recent Advances in Pharmaceutical Sciences, held during 23–24th March 2018 organized by St. Mary’s College of Pharmacy, Secunderabad
34. Delivered a lecture on Advances in Magnetic Drug Delivery in the 2nd Indo-Swiss Conference on Current trends and Challenges in Drug Development & Delivery, IDC 2018, held on 25.07.2018 organized by RVS Padmavathi Ammal College of Pharmacy, Coimbatore
35. Delivered a lecture on Drug Discovery and Chaired poster session in the APP 7th Annual Convention and 2nd Indo-US conference MTCCFSPST-2018 held on 27.07.2018 organized by School of Pharmaceutical Sciences, Vels University, Pallavaram, Chennai
36. Delivered a Lecture on Magnetic nanomaterials in the Indo-Malaysian Conference on Global Scenario and Challenges in Pharmaceutical Sciences and Nanotechnology organized by Malla Reddy College of Pharmacy, Dhulapally, Secunderabad.
37. Delivered a lecture on Personalized Medicine in the National Seminar on Network Pharmacology – An innovative approach to drug discovery held on 12.04.2019 organized by Roever College of Pharmacy, Perambalur.
38. Delivered a Lecture on Personalized Medicine and Chaired the Scientific Session in the 8th Annual Convention and 4th Indo-US Conference on Research and Innovations in Pharmaceutical Sciences, Progress and Barriers held on 24–25th July, 2019 organized by JSS College of Pharmacy, Ooty.
39. Delivered a Lecture on Protein and Peptide Pharmaceuticals in the APP 8th Indo-Malaysian Conference on Innovations and Updates in

Pharmaceutical Sciences held on 8th November, 2019 organized by Samskruti Collge of Pharmacy, Ghatkesar, Hyderabad.

40. Delivered a Lecture on Magnetic Liposomal Drug Delivery System on June 2019 at Yokohama National University, Japan during the research visit of Indo-Japan collaborative research project.
41. Delivered a Lecture on Magnetic Liposomes on January 2020 at the JEOL NMR Centre, RIKEN, Japan during the research visit of Indo-Japan collaborative research project.
42. Delivered a Lecture (online) on Role of Epigenetics in Cancer Translational Research on 12th September, 2020 in the e-Faculty Development Programme organized by the Nehru College of Pharmacy, NGI-Kerala.
43. Delivered a Lecture (online) on Role of Epigenetics in Cancer Translational Research on 14th September, 2020 in the webinar organized by College of Pharmaceutical Sciences, Dayananda Sagar University, Bengaluru.
44. Delivered a lecture on the Two-Day Workshop on Biomedical Applications using Nanotechnology - "Biomedical Applications of Magnetic Nanoparticles" organized by Department of Biomedical Engineering, Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam on 20-21 Jan, 2021.
45. Delivered a Lecture (online) in the 12th Indo-US Conference on "Nanotechnology in the Pharmaceutical Sphere: Contemporary Approaches and Therapeutic Applications" at Parul Institute of Pharmacy and Research, Parul University, Vadodara, Gujarat, India on 30th January 2021.
46. Speaker in the AICTE Sponsored Short Term Training Programme (STTP) Phase II through online mode on 19th to 24th July 2021 (Theme: Quality by Design (QbD) application in Pharmaceutical Product Development – Present and future prospective) organized Department of Pharmaceutics by Annamacharya College of Pharmacy (NAAC - A and NBA Accredited), Rajampet.
47. Resource Person for the UGC-Sponsored Online Refresher course in Life Sciences (Interdisciplinary), held from 08th September to 21st September 2021.

48. Delivered a lecture on "Biomedical Applications of Magnetic Particles – An Update" in the APP 15th Indo US Virtual International Conference at Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Gandhinagar, Gujarat, India on 1st-2nd December 2021.
49. Delivered a lecture on "Cancer Genomics" in the 7th Indo-Caribbean International Conference on "Global Advances and Issues in Pharmaceutical Education and Research" at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu Vijayawada, Krishna, Andhra Pradesh on 10th-11th August 2022 organized by Delhi NCT Branch in collaboration with APP West Indies International Branch and APP AnalChem Division.
50. Delivered a lecture on "Cancer Epigenetics and Immunotherapy" in the National pharmacy week celebrations 2022 held on 18.11.2022 (online) at the College of Pharmacy, Sri Ramakrishna Institute of Paramedical Sciences, Coimbatore.
51. Delivered a lecture on "Role of Artificial intelligence for personalized precision medicine" in the 6th National Symposium on "Emerging Infectious Diseases & Novel Drug Development (EID-NDD 2022) on the Theme: Artificial Intelligence in Drug Discovery and Development for Infectious Diseases" on 02.12.2022 & 03.12.2022 at Swamy Vivekanandha College of Pharmacy, Tiruchengode.
52. Delivered a lecture on "What nanotechnology is, what it can do, and where it can take us..." in the Two Days National Level Conference on "Nanotechnology in Drug Delivery Systems – A Current Scenario and Future Scope" on 5th & 6th December 2022 at the Department of Pharmaceutics, Nehru College of Pharmacy, Thrissur, Kerala.
53. Delivered a lecture on "What nanotechnology is, what it can do, and where it can take us..." in the One Day National Seminar on Nanotechnology – The future prospects and possibilities on 5th & 6th December 2022 at KTN College of Pharmacy, Chalavara, Kerala.
54. Delivered a lecture on 'Development of Peptide-conjugated Nano-magnetic Probes as Cancer Theranostics' in the International Conference on Consortium of Universal Research Erudition on 3-6th February, 2023 at Madurai Kamaraj University, Madurai, Tamil Nadu.

55. Delivered a lecture on 'Development of Peptide-conjugated Nano-magnetic Probes as Cancer Theranostics' in the 1st Indo-Italian International Conference on Current Aspects of Pharmaceutical and Cancer Research Worldwide in commemoration with World Cancer Day at SNS College of Pharmacy and Health Sciences, Coimbatore, Tamil Nadu.
56. Delivered a lecture on 'Development of Peptide-conjugated Nano-magnetic Probes as Cancer Theranostics' held on 07.02.2023 (online) at the College of Pharmacy, Sri Ramakrishna Institute of Paramedical Sciences, Coimbatore
57. Delivered a lecture on 'Tumor Drug Targeting Strategies' in the International Seminar Pharmalims 2023. (Advancement and new era technologies in pharmaceutical Drug discovery, design and delivery) on 8th February, 2023 organized by ELIMS college of Pharmacy, Thrissur, Kerala.
58. Delivered a lecture on 'Anti-Cancer therapeutic peptides- An Update' in the One Day International Seminar of Anti-Cancer Research on 13th February, 2023 organized by School of Pharmaceutical Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Pallavaram, Chennai.
59. Delivered a lecture in the Seminar on "Drug Discovery, Design and Development: Current Scenario and Future Perspective" at the Erode College of Pharmacy on 09.03.2023
60. Delivered a lecture on 'Higher Education in Pharmacy: Avenues and Opportunities' in the Online webinar on 16th July, 2023 organized by Live Pharma Coalition.
61. Delivered a lecture on 'Role of Pharmaceutical Engineers in Healthcare Industries' online on 18th August, 2023 organized by Mahindra College of Engineering, Namakkal.
62. Delivered a lecture on 'Demystifying Intellectual Property: A concise roadmap for academics' on 19th February, 2024 organized by Thiruthangal Nadar College of Arts and Science, Chennai

Updated on 25.03.2024



Dr. P. SELVAMANI

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Dept. of Pharmaceutical Technology,
University College of Engineering,
Anna University, BIT Campus, Tiruchirappalli

Signature