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RESEARCH AREA:

- Transgenic technology and Enhancement and production of phytochemicals and nutraceuticals
- Drug Discovery and Development -Phytodrugs
- Green Synthesis and bioactivity studies of nanoparticles.

PROFESSIONAL EXPERIENCE

Name of Company / Institutions	Designation of Post	Durations
Anna University Regional Campus – Tirunelveli	Dean	March 2019 – Till date
University College of Engineering ‘BIT – Campus, Tiruchirappalli	Professor	
University College of Engineering ‘BIT – Campus, Tiruchirappalli	Associate Professor	19.08.2012 – 18.08.2015
University College of Engineering ‘BIT – Campus, Tiruchirappalli	Assistant Professor (Senior Scale)	25.02.2007 – 18.08.2012
School of Engineering & Technology, Bharathidasan University	Lecturer	25.02.2003 – 24.02.2007
School of Engineering & Technology, Bharathidasan University	Lecturer (Contract)	1999 – 2003
Shri. A.M.M Murugappa Chettiar Research Center	Technologist	1997 – 1998
Sartorius Biotech India, Ltd, Bangalore	Executive Technical	1996 - 1997

Additional / Academic Responsibilities at University:

Sl. No	Name of the Post	From	To	Contributions
1	Training and Placement Coordinator	2004	2009	<ul style="list-style-type: none">➤ Initiated placement activities, provide training for students and conducted several placement drives in SET, Bharathidasan University, Tiruchirappalli.➤ Conducted several placement drives and training through CUIC, Anna University of Tiruchirappalli.➤ Many students were placed during the period in various industries like WIPRO, TCS, US Technologies, Sify, Cellworks etc.
2	Executive Warden	2012	2014	<ul style="list-style-type: none">➤ Executed the construction of Mess halls and Bore wells in both boys and girls hostels.➤ Brought out students mess in both boys and girls hostels.➤ Carries out repair and maintenance of hostel facilities.➤ Established Wi-Fi connections and Ro water facilities.➤ Regulated collection of mess bills.
3	Coordinator - TEQIP II	2014	2018	<ul style="list-style-type: none">➤ Coordinated in implementation of the TEQIP II Project in BIT, Tiruchirappalli.➤ Total granted Fund (Rs. 15.00 Crores) was managed and disbursed for various activities like procurement of equipment, NBA Accreditation, conduct of National and International conferences, FDP and training activities for staffs, faculty members and students.➤ Conducted Board of governors meeting for BIT Campus.➤ Steps were taken to obtain autonomous and TEQIP – III grant.
4	Chairman-Anti-Ragging Committee	2018	Till Date	<ul style="list-style-type: none">➤ Coordinated the overall disciplinary activities in the Institute.

AWARDS:

- Best paper award, National conference on plant Biotechnology, Biodiversity and Eco restoration held at Bareilly, UP (2001)
- Young Scientist Award, Department of Science and Technology, Govt of India (2008)
- Young Scientist Travel bursary, CPT, National Research council of Canada (2008)
- APP Young talent award 2016, Association of Pharmacy Professional, Madhya Pradesh, 2016

COUNTRIES VISITED:

Sl.No	Year	country	purpose
1	27th July- Aug 1st 2008	Quebec, Canada	To participate in the World Conference on Clinical Pharmacology and Therapeutics – CPT-2008
2	2nd- 06th Aug- 2008	Department of Agriculture and Environmental Studies, McGill University, Canada	Invited lecture in the Department of Agriculture and Environmental Studies and Research collaboration.

Membership of Scientific and Professional Societies:

- Indian Science congress
- European federation of Biotechnology
- Indian Biophysical Society.
- Biotechnological Research Society of India. LM 433
- Asia Pacific Chemical, Biological and Environmental Engineering Society
- Association of Pharmacy Professionals APP/TN/LM-010/14
- Materials Research Society of India (MRSI) LMB 2743.
- The Indian Society for Technical Education LM112764

REVIEWER IN INTERNATIONAL JOURNALS:

- Clean – Soil, Air, Water
- BMC Complementary and Alternative Medicine
- Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry
- ALGAL Research
- Journal of Nanoparticle Research & FLORA

Fellowships and Grants:

Senior Research fellow, Indo-Israel collaborative project, DST, New Delhi at Department of Biotechnology, Bharathidasan University, Tiruchirappalli, (1999-2000).

Completed B.Tech/M.Tech Projects:

Number of M.Tech Projects Completed:17 Number of B. Tech Project Completed86

PhD Research Projects (Completed):

Sl. No	Name of the Research Scholar	Title of the Thesis	Year of Completion
1	S.Ramkumar	Screening Identification and Characterization of Polyphenol oxidase in tea (<i>Camellia sinensis</i> (L.))	December, 2012
2	V.Sudershana Deepa	Micropropagation and Antidiabetic effect of <i>Andrographis Lineata</i> Wall. EX.Nees- An Endemic Medicinal Plant	March, 2013
3	K.Kumaraguru	Biosorption of hexavalent chromium using marine algae from synthetic and industrial Wastewater	December, 2015
4	K.Rajaram	A Comprehensive approach to explore the antidiabetic potential of <i>Tephrosiatinctoria</i> pers.: an endemic medicinal plant	December ,2015
5	Sony Das.	Studies on anti-arthritis activity and anti-inflammatory activities of <i>Blepharispermum subsessile</i> DC	May, 2019

PhD Research Projects (Ongoing):

1	V. Tamil Elakia	Production and applications of biosurfactants in industries	Ongoing
2	R. V. Meenakshi	In vitro and In vivo anti diabetic assay using a poly herbal formulation- MEHANI	Ongoing

SPONSORED RESEARCH ACTIVITIES:

Sl. No	Title of Projects	Funding Agency	Amount	Year
1	<i>In vitro</i> regeneration of selected endangered medicinal plants, activity guided extraction, comparative assessment of antidiabetic and antioxidant Activity (Principal Investigator).	DST-SERC	20,30,400/-	2011
2	Simultaneous silencing of multiple pro-angiogenic factors to suppress tumor- induced angiogenesis (Co-Investigator)	DBT	72,66,000/-	2013
3	Hands on training on Biopharmaceutical approaches in plant based drug discovery STTC-PROGRAMME	DBT	3,00,000/-	2012
4	Enhancement and scale up the gingerol content in the <i>Zingiber officinale</i> using gamma radiation and validation of its antidiabetic potential	DST-SERB	32,46,000/-	2018

BOOKS/CHAPTERS:

1. D.C.Aiswarya, K.Rajaram and **P.Sureshkumar** (2014) "Biosynthesis of silver nanoparticles using *Tephrosiatinctoria* for antibacterial activity against multidrug resistant pathogens" *Nanobio Pharmaceutical Technology: Applications and Perspectives*. Elsevier, Reed Elsevier India Pvt Ltd. ISBN : 978-935-107-293-5 . PP 105-110.
2. K.Rajaram and **P.Sureshkumar** (2015). "Comparative Assessment of *in vitro* antioxidant and Antiproliferative activity in *Morinda citrifolia* fruit and commercial juice". *Biotechnological approaches for sustainable development*" Regency publications. Astral International (P) Ltd, New Delhi. ISBN : 9788189233938. PP 201-210.
3. **P.Sureshkumar**, B.Anandraj and S.Rajasekaran (2016). "Handbook on Molecular and Analytical Techniques in Biotechnology". SELP Publication, Tiruchirappalli. ISBN: 978-93-80509-82-2

Publications:

1. Vasudevan A., N. Selvaraj, **P. Sureshkumar** and A. Ganapathi (2001) "Multiple shoot induction from shoot tip explants of cucumber (*Cucumis sativus*)". *Cucurbit Genetics Report* 24 : 8-12.
2. Vivekananda M., **P. Sureshkumar**, B.Anand and M. Devatha (2004): "Basic aspects of nanotechnology in human welfare". *Journal of Theoretical and Experimental Biology*, 1: 49-55. I
3. **Sureshkumar P**, N. Selvaraj, A. Ganapathi, S. Kasturirengan A. Vasudevan and V.Ramesh Anbazalagan (2005) "Assessment of factors influencing Agrobacterium mediated transformation in cucumber (*Cucumis sativus* L.)". *Journal of Plant Biotechnology* 7: 4, 225-231.
4. Bupesh G., S. Nandagopal, A. Ganeshkumar, **P. Sureshkumar** and K. Saravanamurali

- (2007) “Antibacterial activity of *Menthapiperita* L. (peppermint) from leaf extracts – a medicinal plant”. *ActaagriculturaeSlovenica*, 89: 73-79. 1581-9175 I.
5. **Sureshkumar P.** and K. Shankaran (2007)“In vitro damage to rat intestine by EnteropathogenicE.colias revealed by release of glucosidases”.*Journal of Scientific and Industrial Research* 8: 66, 640. 0022 N.
 6. **Sureshkumar P.**, S. Sucheta, P. Selvamani, S. Latha and V. SudharshanaDeepa(2008) “Antioxidant activity of some selected Indian Medicinal plants”. *African Journal of Biotechnology*. 7 (12): 1826-1828. N.
 7. **Sureshkumar P.**, V. SudarshanaDeepa, S. Srinivasan, P. Selvamani and S. Latha(2009) “Antioxidant studies on ethanolic extract on *Commiphoraspp*”. *African Journal of Biotechnology*. 8(8):1630-1636. N.
 8. SudarshanaDeepa V. and **P. Sureshkumar** (2010) “Preliminary phytochemical investigation and in vitro antioxidant activity of *Andrographispp*”.*Journal of pharmacy Research*, 3(9), 2206-2210. N.
 9. *Sureshkumar P.*, S. Sucheta, A. Umamaheswari and V. SudarshanaDeepa (2011)“In vitro and in vivo Polyherbal Hair oil in the treatment of Dandruff”. *Journal of Pharmacy Research*. 3(12) 2956-2958.
 10. Rajaram K. and **P. Sureshkumar** (2011), “In vitro antioxidant and antidiabetic activity of *Tephrosiatinctoria* Pers. An endemic medicinal plant of South India”. *Journal of Pharmacy Research*, 3(4), 891-893. N
 11. Sudarshana, D.V., Rajaram, K., Anis, K.M., Soni, D. and **Suresh, K.P.** (2011). “High frequency regeneration and shoot multiplication in *Andrographislineata* Wall. ex. Nees: an endemic medicinal plant of South India”. *Journal of Medicinal Plant Research.*, 5(20), 5044-5049
 12. Priya D, Rajaram K and **SureshKumarP** (2011). “Phytochemical studies and GC-MS analysis of *Carallumafimbriata*wall.”.*International Journal of Pharmaceutical Research & Development*, Vol. 3(10), pp. 105 – 110. I
 13. Revathi S.L., **Sureshkumar P**, SudarshanaDeepa V, NadanaRajavadivu G, Mayuri M (2012),“Phytochemical analysis of *Andrographisserpyllifolia* (Rohl.ex.Vahl) Wright”. *International Journal of Pharmaceutical science and health care*, 2(1). I
 14. Priya D., Rajaram K., **Suresh K.P.** (2012), In vitro Antioxidant and Preliminary Phytochemical Studies of *Carallumafimbriata* Wall., *International Journal of Pharmaceutical Research*, Vol. 4 (2), .44-48.
 15. Ramkumar S, **SureshkumarP**,Mandal A. K. A., Rajaram K. and Mohankumar P. (2012). “Identification of superior varieties of tea (*Camellia sinensis*(l.) o. kuntze)in the selected UPASI germplasm using biomarkers”. *Journal of medicinal plant research*, 6(5), 727- 743.
 16. Rajaram K., D. Priya, V. SudarshanaDeepa and **P. Sureshkumar** (2012) “In vitro regeneration of *Carallumafimbriata* Wall by organogenesis”, *Australian Journal of Crop Science*. 6(1):41-45. I

17. V.SudarshanaDeepa, **P. Sureshkumar**, B. Vadivukkarasi, Florida Tilton. (2013) "Molecular docking studies on selected phytochemicals from different *Andrographis* AGAINST PPAR- and C/EBP- α receptors for type-2-diabetes".Asian Journal of Pharmaceutical and Clinical Research, Vol. 6(2), pp. 193-196.
18. Rajaram M. Moushmi M. Velayutham Dass Prakash Premkumar Kumpati M. Ganasaraswathi; **P. Sureshkumar** (2013) Comparative Bioactive Studies Between Wild Plant and Callus Culture of *Tephrosiatinctoria* Pers." ApplBiochemBiotechnolVol 171 (8) 2105-2120 DOI 10.1007/s12010-013-0444-3 I
19. SudarshanaDeepa V., Rajaram K., **Sureshkumar P.** (2013) "In vitro and in vivo antidiabetic effect of *Andrographis lineata* Wall. Ex. Nees and *Andrographis serphyllifolia* Wt. Lc leaf extracts" African Journal of Pharmacy and Pharmacology, Vol.7(29), pp. 2112-2121.
20. SudarshanaDeepa V. and **P. Sureshkumar** (2010) "Preliminary phytochemical investigation and in vitro antioxidant activity of *Andrographis*".Journal of pharmacy Research, 3(9), 2206-2210.
21. Latha S., Rajaram K., **Sureshkumar P.**(2014) "Hepatoprotective and antidiabetic effect of methanol extract of *Caralluma fimbriata* in streptozocin induced diabetic albino rats". International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 6(1), 665-668. I
22. Priya D, Rajaram K, **Sureshkumar P.**(2014) "Evaluation of anticancer activity of methanolic extract of *Caralluma fimbriata* wall. against lung cancer cell line" World Journal of Pharmacy and Pharmaceutical Sciences, Vol. 3(4), 1263-1271.
23. Kumaraguru K, **Sureshkumar P.**(2014) "Kinetics, Modeling, Thermodynamic analysis and optimization of biosorption parameters for biomass of *Sargassum wightii* using response surface methodology". International Journal of Chem Tech Research, Vol. 6, 3040-3052.
24. Soni Das, **Sureshkumar** PGC-MS based Phytochemical Screening in ethyl acetate root extract of *Blepharispermum subsessile* DC; Journal of Chemical and Pharmaceutical Sciences (2) 113-116.
25. K.Kumaraguru, **P.Sureshkumar** (2014)'Response surface modeling and optimization of chromium (VI) removal from aqueous solution using marine algae in batch process' Journal of Chemical and Pharmaceutical Sciences, (4), 188-192.
26. Ramkumar Samynathan Chella Perumal Palanisamy, Sudhakar Gandhi, Abul Kalam A. Mandal, Mohankumar Padmanabhan, **Sureshkumar Periyasamy** and Gopalakrishnan Velliyur Kanniappan (2014) ;Isolation and Characterization of polyphenol oxidase from UPASI selected clone of *Camellia sinensis* (L.) O. Kuntze; Indo American Journal of Pharm Research 4(12).1462-14673.
27. Rajaram, D.C. Aiswarya **P.Sureshkumar**. (2015) "Green synthesis of silver nanoparticle using *Tephrosiatinctoria* and its antidiabetic activity." Materials Letters, (138) 251-254.
28. SudarshanaDeepa V., Rajaram K., **Sureshkumar P.** (2015) "Dimethyl γ , γ' , 4,4'-tetrahydroxy- δ -truxinate isolated from the leaves of *Andrographis lineata*. Wall. ex. Nees suppress adipogenesis in 3T3-L1 preadipocytes for type β Diabetes" Pak. J. Pharm. Sci., 28 (2) 443-448.

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29. RamkumarSamynathan, ChellaPerumalPalanisamy, Sudhakar Gandhi, Abdul Kalam A. Mandal, MohankumarPadmanabhan, **Sureshkumar Periyasamy**, Gopalakrishnan VelliyurKanniappan(2015) Biochemical analysis on crop shoots of *Camellia sinensis* (L.) o. Kuntze tea from the selected UPASI-16 " ScriptaScientificaPharmaceutica (1) 34-42.
30. Adam, S., **P. Sureshkumar**, P. Santhanam., S. Dinesh Kumar and P. Prabhavathi (2015); Bioremediation of Tannery Wastewater Using Immobilized Marine Microalga *Tetraselmis* sp.: Experimental Studies and Pseudo-Second Order Kinetics; *Journal of Marine Biology and Oceanography* (4) 1.
31. KeerthanaMurali, RajaramKrishnasamy, Dinesh Krishnappa, **SureshkumarPeriyasamy** (2015); In silico anticancer studies of bioactive compounds in *Tephrosiapurpurea*Pers;
32. Journal of Natural Products and Biomedical Research, 1(1)21-25. 32. Sony Das., **Sureshkumar P** (2016) “Effect of methanolicroot extract of *Blepharispermumsubsessile* DC in controlling arthritic activity”. *Research Journal of Biotechnology* 11(4)65-74
33. Soni Das and **Sureshkumar. P** (2016) “GC-MS metabolic finger printing tool in the screening of potent bioactive components of *Blepharispermumsubsessile*” *Res. J. Chem. Environ* 20 (5)24-28.
34. RamkumarSamynathan, **Suresh kumarPeriyasamy**, Sudhakar Gandhi, J. Anitha, GeethaSanmugam, MohankumarPadmanabhan, Gopalakrishnan V elliyurKanniappan (2016) ;Biochemical and molecular analysis of *Camellia sinensis* (L.) O. Kuntze tea from the selected P/11/15 clone; *Journal of Genetic Engineering and Biotechnology* 14 (1) 69-75
35. Sivabalan Karthik, Gadamchetty Pavan, Selvam Sathish, Ramamoorthy Siva, **Periyasamy Suresh Kumar**,Markandan Manickavasagam(2018) Genotypein dependent and enhanced in planta *Agrobacterium tumefaciens* mediated genetic transformation of peanut [*Arachishypogaea* (L.)] 3 *Biotech* 8:202.
36. J .Sasidharan , R. V. Meenakshi , **P. Suresh Kumar** (2018), Green Synthesis, Characterization and Evaluation of In-vitro Antioxidant & Anti-diabetic Activity of Nanoparticles from a Polyherbal formulation- Mehani, *Journal of Environmental Nanotechnology.*, Volume 7, No. 3 pp. 51-59.
37. RajaramKrishnasamy and **SureshkumarPeriyasamy (2019)**, Regulating role of ethyl acetate fraction of *Tephrosiatinctoria pers.* in carbohydrate metabolism and oxidative stress in diabetic rats, *Biomedicine & Pharmacotherapy*, Volume 114, June 2019, 108842.

International Conferences:

1. **P. Sureshkumar**, N. Selvaraj, Kasturirengan, A. Ganapathi: *Agrobacterium* mediated transformation in Cucumber (*Cucumissativus* L): 2006 *In vitro* Biology Meeting, Minneapolis Hilton In Minneapolis, Minnesota, USA. June 3-7, 2006.
2. **P. Sureshkumar**, S. Sucheta, V. SudarshanaDeepa, P. Selvamani and S. Latha:Effect of polyherbal hair oil in the treatment of dandruff. World conference on Clinical

Pharmacology and Therapeutics– CPT, 27th July- Aug 1st,2008 Quebec, Canada.

National Conferences:

1. N. Selvaraj, G.Vengadesan, **P. Sureshkumar**, R. PremAnand and A. Ganapathi Enhanced somatic embryogenesis and plant regeneration of *Cucumissativuss*suspension culture. National Conference on Plant Biotechnology, Biodiversity and Ecorestoration for Global Prosperity Nov 24th -26th, 2000, Bareilly, India.
2. N. Selvaraj, G.Vengadesan, **P. Sureshkumar**, R. PremAnand and A. Ganapathi. Regeneration of plants from hypocotyls derived callus of cucumber (*Cucumissativus*l). National Conference on Plant Biotechnology, Biodiversity and Ecorestoration for Global Prosperity Nov 24th -26th, 2000 Bareilly, India.
3. **P. Sureshkumar**, B. Anand and N.**Vaijayanthi**. “Applications of biometrics in human identification” ; Proceedings of a National Level Seminar on “Current Trends in Orienting Students towards Industrial Project”, 23rd -25 Feb,2004, SET, Bharathidasan University.
4. **P.Sureshkumar** and B. Anand. “Scenario of Indian Biotech Industries”;Proceedings of a National Level Seminar on “Current Trends in Orienting Students towards Industrial Project” 23rd -25th Feb2004, SET, Bharathidasan University.
5. M. Vivekananda, P.Sureshkumar, M. Saravanan and B. Anand. AtmosphericN₂ fixation in blue green algae”, National Symposium on “MicroalgalBiotechnology 11th–13thMar, 2004, NFMCC, Bharathidasan University, Tiruchirappalli.
6. M. Vivekananda, **P. Sureshkumar**, M. Devatha, B. Anand and Abdul Hameed. “Applications of nanotechnology in biotechnology”. International Seminar on “Challenges and applications in Biotechnology”Mar04th - 06th, 2004, ThanthaiHansRoever College, Perambalur.
7. M. Vivekanandan, **P. Sureshkumar**, B. Anand and M. Devatha. “Current applications of nanotechnology in medicine”. National Level Seminar on “Special Lectures on Bio-Sciences”, March 21st – 1stApril, 2004, Department ofBiotechnology, Bharathidasan University, Tiruchirappalli.
8. M.Vivekanandan, **P. Sureshkumar**, B. Anand and R. Thenmozhi: “Global warming, its impact and mitigation measures”, National Level Seminar‘Induction on TraningProgramme in EnvironmentalEngineering’1-11 June2004.,Periyar Maniammai College of Technology for Women, Tanjore.
9. M.Vivekanandan, **P. Sureshkumar**, B. Anand and M. Devatha: Pharmacogenomics and drug development” International Seminar‘Current Trends in Biological Scenario’Vellalar College of Arts & Science, Erode,2004
10. M.Vivekanandan, M.Devatha, **P.Sureshkumar** and **B. Anand**: “Transgenic plants for edible vaccine production”. Paper presented at the National level Seminar on “Biotechnology update for Teachers/ Researches”, Jun 7-9, 2004.Department of Plant Science, Bharathidasan University.

11. Biotechnology, Aug 1st-2nd, 2005, Vivekananda College of Engineering for Women, Elayampalayam, Tiruchengode. M. Vivekanandan, A. Saravanan, **P. Sureshkumar**, B. Anand, M. Devatha: "Engineering crops for tolerance to abiotic stresses": Paper presented on the National level Seminar, Jan 2nd, 2005, Department of Plant Science, Bharathidasan University.
12. **P. Sureshkumar** and C. Saravanakumar: "Studies on Enteropathogenic *E. coli* pathogenesis using virulent and attenuated strains". Indo-Australian Conference on Biotechnology in infectious diseases March 1-3, 2005, Kasturba Medical College, Manipal Academy of Higher Education, Manipal.
13. **P. Sureshkumar**, M. Liakath and R. Mahaveer: "Extraction of stevioside from *Stevia rebaudiana*—a natural sweetener". National level seminar on Emerging trends in industrial biotechnology "BioXplore'05, Department of Industrial
14. **P. Sureshkumar.**, Selvaraj, Kasturirengan, A. Ganapathi: "Expression of GUS and NPT-II genes in cucumber (*Cucumis sativus*)" National Symposium on Transgenic crops in Pest Management, September 12-13, 2005, Department of plant molecular biology and Biotechnology, Tamil nadu Agricultural University, Coimbatore.
15. **P. Sureshkumar**, K. Sankaran, P. Rajaguru and R. Girija: Identification and detection of enteropathogenic *E. coli* (epec) infection in diarrhoeal patients (infants) National three day national conference on Path to Health – Biotechnology Revolution India 24th -26th Nov 2005, Anna University, Chennai.
16. G. Bupesh, **P. Sureshkumar**, P. Gunasekaran, K. Saravanamurali: Hepatoprotective Efficacy of *Hypnea muciformis* on aflatoxin Induced toxicity in rats , International Conference on Biotechnological Approaches in Bioresource Management (ICBAM-07) 23rd-26th, 2007, Department of Biotechnology, Bharathidasan University, Tiruchirappalli-24.
17. S. Sucheta, G. Bupesh, **P. Sureshkumar.** and R. Nelson : Evaluation of Antidandruff activity using Polyherbal Oil (medicinal plants), Vision on rural water, Life environment for the 21st Century (VRWLE) 29th -31st Jan 2007, Department of Geology, Bharathidasan University, Tiruchirappalli-24.
18. H. Abirami, **P. Sureshkumar.** and A. Settu: *In vitro* regeneration and extraction of secondary metabolites in *Aegle marmelos* (L.) Correa .Symposium on Bioresources in the Development of medicine & 28th Annual conference of Indian Association of Biomedical scientists, 20th-22nd September, 2007.
19. **P. Sureshkumar**, S. Srinivasan, A. Benno Susai Vijayakumar, V. Sudarshana Deepa, A. Prabhakaran – "Antihyperglycaemic activity of *Cinnamomum macrocarpum* (Hook F)" International Conference on Translational Pharmacology and 41st annual conference of Indian Pharmacological Society, 18th - 20th Dec, 2008 AIIMS, New Delhi, India.
20. **P. Sureshkumar**, V. Sudarshana Deepa, S. Srinivasan, A. Prabhakaran P. Selvamani, and S. Latha. "Antioxidant studies on ethanolic extract on *Commiphora spp*". International

Conference on Translational Pharmacology and 41st Annual conference of Indian Pharmacological Society, 18th- 20th Dec, 2008, AIIMS, New Delhi, India.

21. **P. Sureshkumar**, S. Srinivasan, A. BennoSusaiVijayakumar, V. SudarshanaDeepa, A. Prabhakaran –“Antihyperglycaemic activity of *Rhizophoramucronata*: International Herbal Conference, 26th- 28thFeb,2009, IISC, Bangalore.
22. V.SudarshanaDeepa and **P. Sureshkumar**. *In vitro* antioxidant activity of *Andrographislineata* Wall ex Nees..International conference on frontiers in biomedical science, Aug 2nd - 5th, 2009,Holy Cross College, Tiruchirappalli.
23. S. L. Revathi, V. SudarshanaDeepa, **P. Sureshkumar**.Antibacterial activity *Andrographis serpyllifolia*.International conference on frontiers in biomedical science, Aug 2nd to 5th, 2009,Holy Cross College, Tiruchirappalli.
24. **P. Sureshkumar**. S. Srinivasan, A. BennoSusaiVijayakumar, V. SudarshanaDeepa, A. Prabhakaran“Antihyperglycaemic activity of *Cinnamomum macrocarpum* (Hook F)”,National conference on Diabetes mellitus and Cancer(Dia-Can’08) ,20th& 21st December 2008. Annamalai university, Chidambaram
25. V. SudarshanaDeepa, K.Rajaram, **P. Suresh kumar**. High frequency regeneration and shoot multiplication in *Andrographislineata* Wall .ex.Nees: An endemic medicinal Plant. Zonal Conference on Plant Physiology, Nov 22nd, 2010 VIT Vellore.
26. K.Rajaram, D.Priya, S.Latha, V.SudarshanaDeepa and **P. SureshKumar**. *In vitro* regeneration of *Caralluma fimbriata* Wall by organogenesis Zonal Conference on Plant Physiology, Nov 22nd, 2010, VIT Vellore.
27. **P.SureshKumar**,C.Jeyajothi, V.SudarshanaDeepa, K.Rajaram. *In vitro* antioxidant and anticancer activity of *Costus igneus*.E.Br.Indian science Congress, 3-Jan7,2011, SRM University, Chennai.
28. Sobana M., Rajaram K., **SureshkumarP**. *In silico* and hairy root induction studies in *Tephrosia tinctoria* Pers. for anticancer activities. National symposium cum workshop on “Recent trends in structural bioinformatics and computer based drug designing”, Feb 19th-22nd, 2013,Alagappa University, Karaikudi.
29. K.Kumaraguru and **P.Sureshkumar**, “Biosorption of chromium (VI) ion from aqueous solution using brown marine algae” International Conference on biotechnology and human welfare – 2013 organized by SASTRA University Thanjavur. Dec 6-8, 2013
30. Keerthana M, Rajaram K, Dinesh K, **Sureshkumar P**. *In silico* anticancer studies of bioactive compounds in *Tephrosia purpurea* Pers. 6th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design", Feb 18–21, 2014, Alagappa University, Karaikudi, Tamil nadu, INDIA.
31. K.Kumaraguru and **P.Sureshkumar**,”Response surface methodology approach for optimization of biosorption process for removal of Cr (VI) by brown marine algae and applicability in isotherms and thermodynamics modeling” International Conference on

Green Technology for Environmental Pollution Prevention and Control” organized by NIT, Trichy, 29, September, 2014.

32. **P.Sureshkumar**,Soni Das. Anti-oxidant and anti-arthritic activities of methanolic extract of *Blepharispermumsubsessile* DC: a medicinal plant.International conference on Emerging Trends in Biotechnology (ICETB-2014), November 6-9, Jawaharlal Nehru University, New Delhi.
33. **P.Sureshkumar**,Sobana Mohan, RajaramKrishnasamy "Apoptotic effect of *Tephrosiatinctoria*Pers. in breast cancer cell line and its molecular dockings studies with anticancer targets. National conference on "Recent Developments in Medical Biotechnology and Structure based drug designing" at Department of Biosciences and Biotechnology, IIT Guwhati ,Dec 6-7,2015.
34. **P.Sureshkumar**.,Soni Das. "Micropropagation of *Tephrosiatinctoria* Pers.: An endemic medicinal plants" BOKUMBH 2016 – A National Conference on Recent Trends and Advances in Biotechnology ,February 20-21, 2016, University of Allahabad.
35. R.V.Meenakshi, P.Suresh Kumar, “Review on Network Pharmacology Based Approaches in Treating Diabetes”. Proceedings released at International conference at National Institute of Ayurveda, Jaipur, Feb 5-7, 2017.
36. J.Sasidharan, R.V.Meenakshi, E.KavithaSivaguru, P.Suresh Kumar, Green synthesis, characterization and In Vitro antioxidant and Antidiabetic activity of silver nanoparticles using a polyherbal formulation- MEHANI. Proceedings released at TEQIP II sponsored International conference on advances in Biological, Chemical and Physical Sciences (ABCPS), Anna University, Tiruchirappalli, March 2018, ISBN: 978-93-80622-24-8.
37. Selvakumar M, Sasidharan J, Meenakshi RV and **Sureshkumar P**, *In-Silico* molecular docking analysis of *Zingiberofficinale*phytoconstituents against rheumatoid arthritis, National conference on Sustainable Development with pharmacological research and innovations at JSS college of pharmacy, Ooty, Sep 28-29, 2018.

INVITED AS CHAIRPERSON AT NATIONAL CONFERENCES/SYMPOSIA:

1. Chaired a Technical Session in SYMBIO 2K5 – Symposium, 2005organized by the Department of Technology, Annamalai University, Chidambaram.
2. Chaired a Technical Session in SYMBIO 2K8 – Symposium, 2008 organized by the Department of Technology, Annamalai University, Chidambaram
3. Delivered an lecture on “Biotechnology- overview”, organized by Bouliwarclub, 2005 Kaveri College for women, Tiruchirappalli
4. Delivered an expert lecture on Transgenic Technology for Human Welfare in UGC Refresher Course on Industrial Biotechnology, 2006, Annamalai University, Chidambaram.
5. Delivered an expert lecture on Glimpses of Transgenic Technology in National conference in trends in Biotechnology, Department of Technology, 2007 National Institute of Technology, Tiruchirappalli.

6. Delivered an expert lecture on Recent Trends in Transgenic Technology in a “welcome day “,2007 programme organized by the Department of Biotechnology, Periyar Maniammai College of Technology for Woman.
7. Delivered an expert lecture on Transgenic Technology for crop improvement organized by the Department of Gene Technology, J.J College of Arts and Science, 2007, Pudukottai.
8. Delivered an expert lecture on Biopharmaceuticals organized by the Department of Biotechnology, 2009, St.Joseph’s College, Tiruchirappalli.
9. Delivered an expert lecture on Plant based Biopharmaceuticals organized by the Department of Chemical Engineering, 2010, Annamalai University, Chidambaram.
10. Delivered an expert lecture on “Biopharmaceutical Approaches in Plants” organized by Department of Biotechnology (TEQIP II Sponsored Faculty Development Programme On Emerging Trends in Biotechnology), 2013, Anna University, BIT Campus, Tiruchirappalli.
11. Resource Person in the Short Term Training Course on Plant Genetic Engineering organized by Department of Biotechnology and Genetic Engineering, Bharathidasan University, Tiruchirappalli– 620024 during 27th November – 13th December, 2013.
12. Delivered an expert lecture on “Modern Phytomedicine: Plant Based Drug Development for diabetes” in the national level seminar, Herbal Focus 2014“Medicinal plant research – prospects and Challenges” on 14thFebruary 2014 at Srimad Andavan Arts and Science College, Tiruchirappalli.
13. Resource person in TEQIP – II sponsored two days “International Conference on Modern Progress in Biotechnology” held during 9-10thOctober, 2014” Department of Biotechnology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
14. Chaired a session in TEQIP – II sponsored National conference on Green Engineering and Technologies for sustainable future held in the Department of petrochemical technology, Anna University – BIT campus, Tiruchirappalli during 5-6th December, 2014.
15. Chief Guest and delivered an expert lecture on “on Recent trends in Transgenic Technology” in the National conference on Green Biotechnology - EXORIDUM" , held on 30th September, 2015 at Government College of Technology, Coimbatore.
16. Chief Guest and delivered an expert lecture on “Nanoparticle and its antidiabetic activities – an overview” in the Indo – African symposium on Pharmaceutical Nanosciences” held 19th September, 2015, JSS college of pharmacy, Ootacamund.

CONFERENCES / SEMINARS/WORKSHOPS ORGANIZED:

1. Member in Organizing an Symposium on Human Genome Project, 2000 conducted by Department of Biotechnology, Bharathidasan University, Tiruchirappalli.
2. Member in Organizing a Workshop on Plant Tissue culture and gene transfer,2001conducted by Plant Molecular biology unit, Department of Biotechnology, Bharathidasan University, Tiruchirappalli.

3. Member in Organizing an Indo-UK workshop on Molecular biology,2002 conducted by Department of Biotechnology, Bharathidasan University, Tiruchirappalli.
4. Member in Organizing a three days national seminar “Current trends in Orienting students towards Industrial project, 2004 School of Engineering &Technology, Bharathidasan University, Tiruchirappalli.
5. Coordinator in Organizing a workshop on Fermentation technology in collaboration with Sciences India Pvt. Ltd, Chennai, 2004. School of Engineering& Technology, Bharathidasan University, Tiruchirappalli.
6. Organized a National level Technical symposium “Genesis 2K5’, 2005. School of Engineering & Technology, Bharathidasan University, Tiruchirappalli.
7. Member in Organizing a National symposium on recent Advances in Biotechnology,2010 by Department of Biotechnology, Anna University of Technology, Tiruchirappalli.
8. Member in Organizing an International workshop on Micronucleus assay with Buccal cells for Human and Environmental Monitoring, 2011, by Department of Biotechnology, Anna University of Technology, Tiruchirappalli.
9. Organized as a Course Director DBT sponsored Short Term Training Programme "Biopharmaceutical approaches in Plant Based Drug Discovery" 2nd to 16thMay, 2012. (Phytodrugs-2012)at Department of Biotechnology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
10. Coordinator in Organizing a TEQIP sponsored Workshop on “Current Trends in Herbal Drug Discovery”,2013, by Department of Biotechnology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
11. Coordinator in organizing a TEQIP sponsored National Conference on Plant Metabolomics on “October 15 & 16, 2014 by Department of Biotechnology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
12. Coordinator in Organizing a TEQIP – II sponsored one week Hands on training program on “Molecular and Analytical Techniques in Biotechnology – 2015”held during 7-11th September 2015 at Department of Biotechnology, BIT Campus, An na University, Tiruchirappalli– 620024.
13. Coordinator in Organizing a TEQIP – II sponsored two days Seminar on “Network Pharmacology- *A new horizon in drug design* (Phytodrugs 2016)”held during 30thand31stAugust 2016 at Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli– 620024.
14. Organizing Secretary in the International Conference of Advances in Biological, Chemical & Physical Sciences during 13-15th March,2017 at Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.

**LIST OF SEMINAR / SHORT TERM COURSE /FDP/ WORKSHOP ATTENDED:
(WITHIN INDIA):**

1. Attended a DBT sponsored Two week Short Term Training Programme on “Biomedical Applications of RNAi Technology” at Department of Biotechnology, Anna University, BIT Campus, Tiruchirappalli, during the period from 28.01.2015 to 10.02.2015.
3. Attended a TEQIP – II sponsored Two week Faculty Development Programme on “Comprehensive Approach of Biotechnological Applications” organized by the Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli from 16.04.2015 to 29.04.2015.
4. Attended a TEQIP – II Sponsored Two week Faculty Development Programme on “Nanotechnology Applications in Engineering and Technology (NAET’15)” from 06.05.2015 to 19.05.2015 organized by Department of Petrochemical Technology, Anna University – BIT campus, Tiruchirappalli– 620024.
5. Attended a TEQIP – II Sponsored Two week Faculty Development Programme on “Frontiers Research in Applied Sciences (FRAS’15)” from 03.06.2016 to 16.06.2016 organized by Department of Chemistry, Anna University – BIT campus, Tiruchirappalli– 620024.
6. Attended a TEQIP – II Sponsored Two week Faculty Development Programme on “Implications of Chemical and Biological Sciences (ICBSB’16)” from 22.06.2016 to 05.07.2016 organized by Department of BioTechnology, Anna University – BIT campus, Tiruchirappalli– 620024.