

**UNIVERSITY COLLEGE OF ENGINEERING
BIT CAMPUS
ANNA UNIVERSITY, TIRUCHIRAPPALLI**

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

Name of the Faculty : S. Venkatesan
Designation : Professor and Head
E-mail : s.venkatesan@aubit.edu.in
Cell : 9443301702
Dept : 0431-2407983



VIDWAN Profile: <https://vidwan.inflibnet.ac.in/profile/338306>

Educational Qualifications

- Ph. D (2009), National Institute of Technology, Tiruchirappalli
- M.Tech Chemical Eng. (2000), Regional Engineering College, Tiruchirappalli.
- B. Tech Chemical Eng. (1997), University of Madras.

SPECIALIZATION:

Professional Experience:

- Professor (2015 - till date): University College of Engineering, BIT Campus, Anna University, Tiruchirappalli
- Associate Professor (2012 - 2015): University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.
- Assistant Professor (2009 - 2012): University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.
- Lecturer (Sr.Scale) (2008-2009): Anna University of Technology, Tiruchirappalli – 620024.
- Lecturer (2003-2008): Bharathidasan Institute of Technology, Bharathidasan University, Tiruchirappalli – 620024.
- Guest Lecturer (2001-2003), School of Engineering and Technology, Bharathidasan University, Tiruchirappalli – 620024.
- Graduate Engineer Trainee (1997-1999), M/s. Trichy Distilleries and Chemicals Pvt Ltd, Tiruchirappalli.

Research Interests:

Ionic Liquids, Membrane Separations, Downstream processing, waste water treatment.

No of PhDs Completed:

2 Nos [Dr. A.Balasubramanian (2013) & Mrs. A.Brindha Lakshmi (2014)]

Sponsored Projects

Received Project fund under **FAST TRACK** Scheme for Young Scientist by SERC, DST for Rs.20,04,000/- (Ref: SR/FTP/ETA-59/2007) for the project titled “Studies on removal of phenolic compounds from aqueous media and industrial effluents using room temperature ionic liquids (RTILs) and modeling of the processes” (**Completed**)

PUBLICATIONS:

(i) Book Chapters

Venkatesan, S. (2016). Emerging Trends in Petrochemical Technology. M.Arulmozhi & K. Kmaraguru (Eds.), Supported ionic liquid membranes: for wastewater treatment (pp.6.1 – 6.8). ASSVET International publishers Co., Chennai, India.(ISBN :978-93-52545-03-2).

(ii) Internationally Refereed Journals

1. K. Ganesh Prasad, **S.Venkatesan**, K M Meera Sheriffa Begum and N.Anantharaman “Emulsion Liquid Membrane Pertraction of zinc and copper - Analysis of Emulsion formation using Computational Fluid Dynamics, *Chemical Engineering and Technology (Wiley Inter science)* 30(9) (2007) 1212-1220. (impact factor: 1.598)
2. **S. Venkatesan**, K M Meera Sheriffa Begum, “Removal of copper and zinc from aqueous and industrial effluents using emulsion liquid membrane (ELM) Technique”, *Asia pacific journal of chemical Engineering (Wiley Inter science)*, 3 (4) (2008) 387-399 (impact factor: 0.758)
3. **S.Venkatesan**, K M Meera Sheriffa Begum, “Emulsion liquid membrane pertraction of imidazole from dilute aqueous solutions using Aliquat -336 mobile carrier”, *Desalination (Elsevier)*, 236 (2009) 65-77 (Impact Factor: 2.590).
4. **S.Venkatesan**, K M Meera Sheriffa Begum, “Emulsion liquid membrane pertraction of benzimidazole using room temperature ionic liquid carrier”, *Chemical Engineering Journal (Elsevier)*, 148 (2009) 254-262 (Impact Factor: 3.461)
5. **S.Venkatesan**, K M. Meera Sheriffa Begum, “Removal of trivalent chromium from dilute aqueous solutions and industrial effluents using emulsion liquid membrane technique”, *International Journal of Environmental Engineering (Inderscience)*, 2(1-3) (2010) 250-268.
6. A.balasubramanian and **S.Venkatesan**, “Removal of phenolic compounds from aqueous solutions by emulsion liquid membrane containing Ionic Liquid [BMIM]⁺[PF₆]⁻ in Tributyl phosphate”, *Desalination (Elsevier)*, 289 (2012) 27-34 (Impact Factor: 2.590)

7. A.balasubramanian and **S.Venkatesan**, "Optimization of process parameters using response surface methodology for the removal of phenol by emulsion liquid membrane", *Polish journal of chemical Technology (Versita publications)*, **14, 1, 46-49(2012)**.
8. A. balasubramanian and **S. Venkatesan**, "Removal of phenolic compounds from aqueous solutions using Aliquat 336 as a carrier in emulsion liquid membrane", *Korean Journal of chemical Engineering (springer)* 29(11), 1622-1627 (2012) (Impact factor = 0.991)
9. **S. Venkatesan**, K M Meera Sheriff Begum, N.Anantharaman, "Emulsion liquid membrane pertraction of metal ions from Aqueous solutions and Electroplating effluent using Rotating Disc Contactor", *Chemical Engineering communications (Taylor & Francis)*, 199:12(2012) 1575-1595 (Impact Factor: 0.913)
10. A brindha Lakshmi, A.balasubramanian and **S.Venkatesan**, "Extraction of Phenol and Chlorophenols using ionic liquid [Bmim]⁺[BF₄]⁻ dissolved in Tributyl phosphate", *CLEAN-Soil, Air, Water (Wiley)*, 41,4 (2013) 349-355 (Impact Factor: 2.177)
11. A.Brinda Lakshmi, S.Sindhu and **S.Venkatesan**, "Performance of Ionic Liquid as bulk liquid membrane for chlorophenols removal", *International Journal of Chem Tech Research*, 5, 3, (2013)1129-1137.
12. A.Balasubramanian and **S.Venkatesan**, "Optimization of removal of phenol from aqueous solution by Ionic liquid based Emulsion Liquid Membrane using Response Surface Methodology", *CLEAN-Soil, Air, Water (Wiley)*, 42,1 (2014) 64-70 (Impact Factor: 2.56).
13. M. S. Manojkumar*, S, Venkatesan, S, Pandiarajan, "Morphological, optical and structural properties of pure, zinc and magnesium doped TiO₂ nanoparticles for solar cell devices" , *Journal of Ovonic Research* Vol. 17, No. 6, November - December 2021.
14. S.Pandiarajan and S.Venkatesan, "Removal of 2,4-dichlorophenol using ionic liquid [BMIM]⁺[PF₆]⁻ encapsulated PVDF membrane" *Journal of Indian Chemical Society*, Volume 100, Year 2023, Pages 100781.

(iii) National Journals

1. **S.Venkatesan**, K M Meera Sheriffa Begum, N.Anantharaman and S.Sivashanmugam, "Extraction of L-Glutamic acid using emulsion liquid membrane" *Journal of Indian chemical society*, 81 (2004) 264-268. (Impact factor 0.382)
2. A.Sumitthra, M.Shyama Sundari, **S.Venkatesan**, M.Rengasamy, A.Brindha Lakshmi "Statistical optimization of chromium ion removal using response surface methodology " *Journal of chemical and Pharmaceutical Sciences*", Special Issue 4 (2014) 196-200.
3. A B Lakshmi, R Remy, A Balasubramanian and S Venkatesan "RSM studies on phenol removal from aqueous solution and removal of phenolic compounds from industrial effluents by ionic liquids [BMIM]⁺[BF₄]⁻ in Tributyl phosphate", *Journal of Scientific and Industrial Research* , 75 (2016) 512-518.

(iv) International Conferences

1. **S.Venkatesan** and K .M. Meera Sheriffa Begum presented “Mathematical Modeling of Emulsion liquid membrane (ELM) Pertraction of heavy metal ions from dilute aqueous solutions” in 4th IWA international membrane conference: Membranes for water and wastewater treatment organized by International Water Association (IWA) held in Harrogate UK from 15th -17th May 2007.
2. **S.Venkatesan** and K .M. Meera Sheriffa Begum presented “Emulsion liquid membrane pertraction of imidazole from dilute aqueous solutions using aliquat -336 mobile carrier” in The 6th International Membrane Science and Technology Conference (IMSTEC 07) held in UNESCO centre for membrane Science and Technology, University of New South Wales from 5th -11th November 2007.
3. **S.Venkatesan** and K .M. Meera Sheriffa Begum presented “Applications of emulsion liquid membrane (ELM) for separation and concentration of pharmaceutical compounds” in international Conference on environment management for sustainable growth in chemical & pharmaceutical industry 2007 organized by *Confederation of Indian Industries (CII)*-Shorabji Godrej Green Business Centre in Chennai, 27th & 28th July 2007
4. **S.Venkatesan** and L.Hari Krishnan presented “Emulsion liquid membrane (ELM) Pertraction of trivalent chromium from synthetic solutions using continuous contactor” in Young Researchers’ Conference – 2008 organized by Mumbai University Institute of Chemical Technology (MUICT), University of Mumbai from & 22-23, February, 2008
5. **S.Venkatesan** and L.Hari Krishnan presented “Emulsion liquid membrane (ELM) Pertraction of trivalent chromium from synthetic and tannery effluents using pilot scale rotating disc contactor (RDC)” in DAE-BRNS Symposium on Emerging Trends in Separation Science and Technology (SESTEC-2008) organized by Department of Atomic Energy & Department of Chemistry, University of Delhi, Delhi – 110007 held in Department of Chemistry, University of Delhi from March 12-14, 2008
6. **Dr.S.Venkatesan** and Mrs. A.Brindha Lakshmi presented “Statistical Optimization of phenol removal from aqueous solution and removal of phenolic compounds from Industrial Effluents by Ionic Liquid [Bmim][BF₄] dissolved in Tributyl Phosphate” in International Conference on Environment and Energy (ICEE - 2014) organized by Jawaharlal Nehru Technological University, Hyderabad (JNTUH) held from December 15th – 17th 2014. (ISBN: 978-93-81212-96-7).
7. S.Pandiarajan and **S.Venkatesan** Presented a paper entitled “Studies on removal of phenolic pesticides from aqueous solution using supported liquid membrane immobilized with ionic liquid” in TEQIP II Sponsored International Conference on Trends and Innovations in Chemical and Pharmaceutical Technologies (TICPT 2017) Organized Jointly by Departments of Petrochemical Technology, Pharmaceutical Technology and Mathematics, Anna University, BIT Campus, Tiruchirappalli During 2nd – 4th February 2017.

(v) National Conferences

8. R.Suresh, R.Rajkumar and **S.Venkatesan** presented “Conversion of waste plastics and waste rubber materials to fuels and chemicals” in **CHEMCON 2008** –Chemical Engineering Congress 2008 organized by Department of Chemical Engg. & Technology, Punjab University, Chandigarh held in Department of Chemical Engg. & Technology, Punjab University, Chandigarh from 27-30th Dec 2008.
9. S.Venkatesan, K M Meera Sheriffa begum and T.Viswanathan “Continuous Extraction Treatment Process of Zinc (II) from synthetic and Industrial effluents using emulsion liquid membrane technique” in **CHEMCON 2008** –Chemical Engineering Congress 2008 organized by Department of Chemical Engg. & Technology, Punjab University, Chandigarh held in Department of Chemical Engg. & Technology, Punjab University, Chandigarh from 27-30th Dec 2008.
10. **S.Venkatesan**, K.Selvam and S.Abinaya “Studies on Extraction of Bio Diesel from oil seeds and assessment of Biodiesel (BD) over Petroleum Diesel (PD)” in National Conference on Development –cum-Environment Friendly Future Industrial Fuels organized by Kumaraguru College of Technology, Coimbatore held in Centre for energy studies, KCT Coimbatore from 19th -21st May 2005.
11. K.Jeyajothi and **S.Venkatesan** presented “Agricultural waste and its potential use as biofuel in Salem district, Tamilnadu” in National Conference on Stairway to biohydrogen organized by Periyar Maniammai University held in Department of Biotechnology & Department of Petrochemical Technology from 21st - 23rd January 2009.
12. KK Abubacker siddieq, ATH jayanthan, A.Brindha Lakshmi and **S.Venkatesan** presented “Removal of Phenol using Ionic liquids” in Indian Chemical Engineering Congress – **CHEMCON – 2009** organized by Indian Institute of Chemical Engineers, Waltair Regional Centre held in Department of Chemical Engineering, Andhra University, Visakhapatnam & 27th – 30th December 2009
13. A.Balasubramanian and **S.Venkatesan** presented “Use of Ionic liquids as green solvents for Energy devices” in National Conference on “clean, Green Environment by implementing renewable energy Technologies” organized by Oxford Engineering College, Tiruchirappalli held in Department of Mechanical Engineering, Oxford Engineering College, Tiruchirappalli from 16th -17th July 2010.
14. A.Balasubramanian and **S.Venkatesan** presented “Studies on removal of phenolic compounds from wastewater using supporting liquid membrane technique” in Indian chemical Engineering congress **CHEMCON – 2010** organized by Annamalai University, Chidambaram held in Department of Chemical Engineering, Annamalai University from 27th -30th December 2010.
15. A.brindha Lakshmi and **S.Venkatesan** presented “Performance of ionic liquid as bulk liquid membrane for chlorophenol removal” in Two days national conference on industrial pollution and control technology 2013 organized by Department of chemical Engg, Annamalai university, Chidambaram from 14th -15th March 2013.

16. A.brindha Lakshmi and **S.Venkatesan** Presented a poster titled “Pertraction of chlorophenols using ionic liquid based liquid membrane” in the INDO-UK workshop-2011 on Current Development of Wastewater Treatment in India at Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli during 29-31 August 2011.
17. A.brindha Lakshmi and **S.Venkatesan** Presented a paper entitled “Extraction of phenolic compounds from industrial effluents using Ionic Liquids” in National Conference on ‘Emerging Interdisciplinary trends of Chemical Technology’ at Department of Chemical Engineering, Sathyabama University, Chennai, 21-22 March 2013.
18. **S.Venkatesan** and A.Balasubramanian presented a poster paper entitled “Statistical optimization of emulsion ionic liquid membrane for phenol removal from aqueous solution and industrial effluents” in Indian chemical Engineering congress **CHEMCON – 2015** organized by Indian Institute of Technology Guwahati from 27th -30th December 2015.
19. **S.Venkatesan** and A.D.Surendhar presented a poster paper entitled “Mathematical modelling of ELM for batch studies in removal of heavy metals” in Indian chemical Engineering congress **CHEMCON – 2015** organized by Indian Institute of Technology Guwahati from 27th -30th December 2015.
20. **S.Venkatesan** and A.Balasubramanian presented a paper entitled “Experimental analysis and mass transfer model for removal of Phenol from wastewater using emulsion ionic liquid Membrane” in Indian chemical Engineering congress **CHEMCON – 2015** organized by Indian Institute of Technology Guwahati from 27th -30th December 2015.

(vi) Seminar/Conference/Workshop Organized

1. National seminar on “Current Trends in orienting students towards industrial projects”, organized by School of Engineering and Technology, Bharathidasan University during Feb.23-25, 2004.
2. One day National Level Seminar on “SAKTHI -“Renewable Energy- Energy of the future” organized by Department of Petrochemical Technology, School of Engineering and Technology, Bharathidasan University on 20th August 2005.
3. National Symposium on Frontiers in Chemical Technology organized by Department of Petrochemical Technology, School of Engineering and Technology, Bharathidasan University on 2nd February, 2007.
4. Dr.S.Venkatesan coordinated Two days National seminar on “Role of Renewable Energy in Energy Conservation” (REEC-2010) Organized by Department of Petrochemical Technology, Anna University of Technology, Tiruchirappalli during 14th -15th December 2010.
5. National Conference on “Recent trends in renewable energy sources for sustainable development”(NCRES 2011) Organized by Department of Petrochemical Technology, Anna University of Technology, Tiruchirappalli during 22nd -23rd February 2011.

6. Organizing Committee Member for TEQIP II sponsored Faculty Development programme on “Recent Trends in Renewable and Non Renewable Sources” (RANRES 2013) during 26th August- 1st September 2013.
7. Dr. S Venkatesan, Coordinated TEQIP II sponsored Faculty Development programme on “Depleting Energy Resources and Alternate Sources for Sustainable Energy Future” (DAS’13) during 16th -22nd December 2013.
8. Organizing Committee member Two Days seminar on “Advancements in Refining Operations and Management of Alternate Sources (AROMA-13)”, Organized by Department of Petrochemical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on 25th - 26th October 2013.
9. Organizing committee member for two days National Level Students Technical Symposium, “PECONOVA’14 - Eco friendly Innovations” Organized by Department of Petrochemical Technology and Association of Petrochemical Technologists, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on 21st -22nd March 2014.
10. Dr. S Venkatesan, Coordinated TEQIP II sponsored National Conference on “Green Engineering and Technologies for Sustainable Future (NCGET 2014) during 4th -5th December 2014.
11. Dr.S.Venkatesan, coordinated TEQIP II sponsored workshop on Yoga for healthy life on 27th September 2016.
12. Dr. S Venkatesan, organized TEQIP II sponsored Faculty Development programme on “Advanced Technologies for societal applications” (ATSA’16) during 6th – 19th June 2016.
13. Organizing committee member for two days international conference on “energy and environmental engineering” Organized by Department of Petrochemical Technology Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on 6th -7th November 2014.
14. Organized TEQIP II Sponsored Workshop on Yoga for Healthy Life on 27th September 2016 at Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.
15. Organizing Secretary for Three days TEQIP II Sponsored International Conference on Trends and Innovations in Chemical and Pharmaceutical Technologies (TICPT 2017) Organized Jointly by Departments of Petrochemical Technology, Pharmaceutical Technology and Mathematics, Anna University, BIT Campus, Tiruchirappalli During 2nd – 4th February 2017.
16. Coordinator for Seven days Training Programme on “Students Technical Training Course” (STTC 2017) during 4th to 10th March 2017 held in Department of Petrochemical Technology, Anna University, BIT Campus, Tiruchirappalli.

(vii) Seminar/Conference/Workshop/FDP/STTP attended

S. No	HOST INSTITUTION	TOPIC	DATE
01	Regional Engineering College, Tiruchirappalli – 620 015.	STTP on Unix Concepts and Applications	8 th – 20 th January, 2000
02	Sri-Angalamman College of Engineering & Technology, Siruganoor, Tiruchirappalli- 621 105.	AICTE Sponsored One Day Workshop on Environment and Pollution Awareness	10 th July, 2004
03	Institute of Chemical Engineers (IChE), Pondicherry Regional Centre	One Day Workshop on Membrane Technology in Water management	7 th August, 2004
04	Kamaraj College of Engineering & Technology, Virudhu Nagar	Herbal Science, Research & Industry Perspective	21 st -22 nd January, 2005
05	St Joseph's College of Engineering, Chennai	Two Day workshop on "Aspects of Chemical Engineering in Biotechnology"	22 nd -23 rd February, 2005
06	Annamalai University, Chidambaram	UGC Sponsored Seminar on "Concept of Quality Assurance"	19 th -20 th April 2005
07	Department of Chemical Engineering, Anna University, Chennai	UGC Sponsored refresher Course on " Applications of Chemical Engineering Principles for Biotechnology "	14 th November -03 rd December 2005.
07	Bharathidasan University	UGC Sponsored Orientation Course	2 nd – 29 th May 2006
07	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024	Safety and Stress Management	8 th December 2006
08	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024	One day workshop on "Environment and Hygiene"	9 th December 2006.
09	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024	Recent advances and challenges of Biotechnology Processes	15 – 16, December, 2006
10	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024	Control of unstable Systems	19 – 20, December, 2006
11	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024	Nanomaterials Characterization and their process applications	28 th February, 2008
12	Department of Chemical Engineering, NIT, Tiruchirappalli – 620 024.	workshop on "Microreaction Technology for Process Intensification"	11 th January, 2008
13	Coimbatore Institute of Technology, Coimbatore	Management Capacity Enhancement Programme	27 th -31 st August 2013

14	Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli	DBT Sponsored Short Term Training Course on “Biomedical applications of RNAi Technology	28 th January – 10 th February 2015
15	Department of Petrochemical Technology, BIT Campus, Anna University, Tiruchirappalli	TEQIP II Sponsored FDP on Nanotechnology Applications in Engineering and Technology (NAET 2015)	06 th May – 19 th May 2015.
16	Department of Chemistry, BIT Campus, Anna University, Tiruchirappalli	TEQIP II Sponsored FDP on “Frontiers Research in Applied Sciences”	03 rd June – 16 th June 2015
17	Indian Institute of Management (IIM) Kozhikode	Academic Leadership Programme for TEQIP Institutions	22 nd June – 27 th June 2015
18	Dhanalakshmi Srinivasan Hotel, Perambalur	International education conference 2015	14 th November 2015
19	National Institute of Technology, Department of Chemical Engineering	TEQIP II Sponsored workshop on energy conservation and alternate options	20 th May 2016
20	Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli	TEQIP II Sponsored Faculty Development programme on “Implications of chemical and biological sciences in biotechnology”	22 nd June -5 th July 2016
21	Department of Chemical Engineering, IIT Madras, Chennai.	Short Term Course on "Development of Chemical Engineering Thermodynamics Laboratory for Undergraduates"	22 January 2018 to 27 January 2018

(viii) Special Lectures Delivered:

S. No	Arranged by	Topic	Date	Number & Level of Participants
01	Periyar Maniammai College of Engineering and Technology	Applications of Emulsion Liquid Membrane (ELM) for separation and concentration of biological and pharmaceutical compounds.	26 th July 2006	60 Students of B.Tech Industrial Biotechnology
02	University of Malaya (UM), Kuala Lumpur, Malaysia	Applications of emulsion liquid membrane (ELM) for separation and concentration of pharmaceutical compounds	13 th November , 2007	30 Students of M.S Chemical Engineering and 10 Ph.D Scholars
03	Department of Microbiology, Bharathidasan University, Trichy	Bioreactors and downstream processing	January 04, 2008	50 Participants from Industry and Academics
04	Department of Chemical Engg, National Institute of Technology, Tiruchirappalli	Chemical systems modeling and simulation	July 15, 2009	50 participants from academics and industry
05	Department of Biotechnology,	Membrane bio separation	24 th	60 B.Tech students

	KSR college of Technology, Tiruchengode – 637 215		January 2011	
06	Karpaga Vinagaya college of Engg and Tech,	Mass transfer and Separation	01 st October 2012	B.Tech students
07	National Institute of Technology, Trichy	Liquid membranes: modeling and application	31 st Dec 2012	FDP Programme for Staffs
08	St Michael college of Engg, Kalayarkovil.	Technical skills for Chemical Engg students	20 th oct 2012	Students
09	Erode Senguthar Engineering college, Perundurai	Green solvents: Applications in membrane Separations	April 21,2013	FDP Programme for Staffs
10	TEQIP II International conference on modern progress in biotechnology organized by Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli	Membranes for bio separation	10 th October 2014	Research scholars and scientists
11	International Conference on Environment and Energy (ICEE - 2014) organized by Jawaharlal Nehru Technological University, Hyderabad (JNTUH)	Applications of Ionic liquids (ILs) in bio separations and wastewater treatment	16 th December 2014	Research scholars and scientists
12	K.S.Rangasamy College of Technology, Tiruchengode	Biofuel production from microalgae and Petroleum degradation by marine organisms	22 nd January 2015	B.Tech and M.Tech Biotechnology students
13	TEQIP II sponsored FDP on comprehensive approach of biotechnological applications organized by Department of Biotechnology, BIT Campus, Anna University, Tiruchirappalli	Liquid membranes	20 th April 2015	Faculty members
14	AU, Chennai sponsored FDP on process instrumentation dynamics and control organized by Department of Petrochemical Technology, BIT Campus, Anna University, Tiruchirappalli	Overview on control system	17 th December 2015	Faculty members
15	TEQIP II sponsored National conference on Green Engineering and Technologies for sustainable future organized by Department of Petrochemical Technology, BIT Campus, Anna University, Tiruchirappalli	Session Chair	16 th and 17 th September 2016	Faculty and scholars
16	CHEMCON 2016 – Indian Chemical Engineering Congress	Session Chair	27 th -30 th December 2016	Faculty and Scholars

Awards and Honours

- Life Member, Indian Society for Technical Education (ISTE) (LM 40919)
- Life Member, Indian institute of chemical Engineers (IChE) (LAM 28264)
- Life Member, Indian Pharmaceutical Association (IPA) (TN/MDS/0273)
- Life Member, Indian Society for Surface Science and Technology (ISSST) (L/M-V-5)
- Life Member, Institutions of Engineers India (IEI) (M-1558697)
- Life Member, Indian membrane society (LM 225)
- Life Member, Indian Desalination society

(ix) Additional Information:

1. Served as Member of Board of Studies for B.Tech. Chemical Technology (with specialization in Paper and Pulp Technology) program of School of Engineering & Technology, Bharathidasan University, Tiruchirappalli for three year period from 2005-06.
2. Served as Member of Board of Studies for B.Tech. Pharmaceutical Engineering and Technology program of SET, Bharathidasan University, Tiruchirappalli for three year period from 2004-05.
3. Served as Selection Committee Member for Guest Lecturers in Chemical Engineering for Bharathidasan Institute of Technology (BIT), Bharathidasan University, Tiruchirappalli.
4. Reviewed four PhD thesis in Annamalai University and National reviewer.
5. Doctoral committee member for 5 PhD students in Anna University
6. Served as chairman for Oral paper presentation in CHEMCON 2010 held at Annamalai University, Chidambaram.
7. Served as Research board member for the year 2010-2011 and 2011-2012 in Anna University of Technology Tiruchirappalli, Tiruchirappalli.
8. Served as NSS Programme Officer of Anna University, Tiruchirappalli for 2011-2012.
9. Served as Deputy Warden, Boys Hostel of Anna University, Tiruchirappalli for 2011-2012.
10. Serving as Placement Coordinator for Bharathidasan Institute of Technology, Anna University, Tiruchirappalli from 2012 onwards.
11. Reviewer in International Journals
 - a. Journal of hazardous materials
 - b. Separation and purification Technology
 - c. Chemical Engineering Communications
 - d. CLEAN-Soil, Air and Water
 - e. Journal of Environment and management
 - f. Journal of chemical and Pharmaceutical Sciences (Editorial Board / Guest Editor)
 - g. Separation Science and Technology
12. Served as Purchase Committee Member for Anna University Regional Centre, Tiruchirappalli for the academic year 2012-2013 & 2013-2014.

13. Served as Scrutinizing Committee Member for forwarding projects under Younger faculty Scheme to Anna University, Chennai in the year 2013.
14. Academic Auditor for School of biotechnology and Health sciences, Karunya University Coimbatore for the year 2012-13.
15. Quality Assurance Committee (QAC) member for Department of chemical and biotechnology, Periyar Maniammai University, Tanjore for the academic year 2015-2015 , 2015 -16 and 2016-2017.
16. Syllabus subcommittee member, faculty of Technology, Anna University, Chennai to frame curriculum and syllabus for Regulations 2017.