

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Brief Profile: 1-2 paragraphs (not exceeding 500 words)

Dr. G. Arthanareeswaran graduated as a Chemical Engineer in Coimbatore Institute of Technology, Coimbatore, India. He completed his Masters Degree in petroleum refining and petrochemicals and defended his PhD thesis at the Anna University, Chennai, India. His research interest involves development of polymer membranes for waste water treatment. He was a research assistant of the A.C. College of Technology, Chennai, India, doing mainly research in membrane separation technology. In 2001, he obtained teaching and research associate and also obtained a grant from Anna University for four years. G. Arthanareeswaran stayed for four years at Anna University where he studied development and application of membranes. In 2005, he was appointed Lecturer at the Chemical Engineering department, Anna University, Chennai, initially teaching courses in modern separation process, process design (for students in chemical engineering, petroleum engineering and environmental technology). He has been the principal Investigator for various membrane related projects which is funded by Indian government. International joint collaborative projects from CNPq, Brazil, and Royal academy of engineering, UK received for Development and application of inorganic membranes in the treatment of wastewater from processing industries. He joined National Institute of Technology, Tiruchirappalli in 2007 and became Lecturer at the chemical engineering department. In 2008, he established membrane research laboratory at the Department of chemical Engineering at the National Institute of Technology, Tiruchirappalli. He was appointed as Associate Professor in the same department in 2010. He also collaborated in Loughborough university, UK, Monash University, Australia, University of Sao Carlous, Brazil, Universiti Teknologi Malaysia, Malaysia and Central Leather Research Institute, Chennai, India.

The current research involves improving the performance of polymer membranes by mixing with inorganic micro particles and fillers by a mixed matrix method for ultrafiltration (UF) applications. Arthanareeswaran has received awards for research exchange including the Research exchange award from the Royal Academy of Engineering (RAE) London in 2010 and the Endeavour Executive award from the from Australian Government (Department of Education, Employment and Workplace Relations). He served as a member of the International Advisory Committee in the various International Conferences in the field of membrane and Environmental engineering. He has been a Guest Editor of the Special Issue “**Current development in wastewater treatment in India**” to Desalination Journal. He serves as reviewer for 18 international journals. Arthanareeswaran has authored over 75 original articles in peer review international journals and various book, book chapters in the field of Membrane science and technology and he presented his research findings in international conferences.

1. Name G.Arthanareeswaran
2. Designation: Associate Professor

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3. Office Address: Dr.G.Arthanareeswaran

Associate Professor

Department of Chemical Engineering

National Institute of Technology

Tiruchirappalli 620 015, INDIA

4. Telephone (Direct) (Optional): --

Telephone : 04312503118 Extn(Optional):

Mobile (Optional): 9940361673

5. Email (Primary): arthanareeg@nitt.edu Email (Secondary) : arthanaree10@yahoo.com

6. Field(s) of Specialization: Membrane separation, process design, Project engineering, wastewater treatment

7. Employment Profile

Job Title	Employer	From	To
Associate Professor	National Institute of Technology, Tiruchirappalli, Tamil Nadu	2011	till date
Assistant Professor	National Institute of Technology, Tiruchirappalli, Tamil Nadu	2008	2011
Lecturer	National Institute of Technology, Tiruchirappalli, Tamil Nadu	2007	2008
Lecturer	Anna University, Chennai, India	2005	2007
Teaching and Research Associate	Anna University, Chennai, India	2001	2005

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
B.Tech	Coimbatore Institute of Technology, Bharathiyar University, India	1997	First	Chemical Engineering
M.Tech	A.C. College of Technology, Anna University, Chennai, India	1999	First	Petroleum refining and petrochemicals
Ph.D	A.C. College of Technology, Anna University, Chennai, India	2005	--	Membrane separation- Chemical Engineering

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Chairman	Transport section	2012	2013
Faculty-In charge	ALCHEMY2010	2010	--
PAC Chairman	Chemical Engineering	2009	2010
Co-Coordinator	PhD seminar Series	2015	Till date
Committee member	Department instrument facility	2015	Till date

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10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Doctoral committee member	Anna university, Chennai	2009	2015
Research Advisor	VIT-University	2010	--

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2001	Teaching and Research Associate	Anna University, Chennai, India

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
2010	Research Exchange award	The Royal Academy of Engineering, London UK	May 2010	June 2010
2011	Endeavour Executive Award	Department of Education, Employment and Workplace Relations, Australia	April 2011	August 2011

13. Details of Academic Work

(i) Curriculum Development

CL405 Project Engineering and Economics
Fuel cell Technology

(ii) Courses taught at Postgraduate and Undergraduate levels

Postgraduate
Fuel cell Technology (M.Tech (Chemical))
Undergraduate
Chemical Process Equipment Design
CL405 Project Engineering and Economics
Heat Transfer laboratory

(iii) Projects guided at Postgraduate level

1. Production and Design of ortho-xylene from Isobar process, Vinay Jetha, Sandeep kumar Kedia, K.A.Ajay kumar, NIT Trichy, 2010-2011
2. Manufacture of Soaps, Lokesh.K, pradeep Kumaran, NIT Trichy, 2007-2008
3. Manufacture of fumed silica, K.S. Sakthivelmurugan, Sankalp Hanwate, NIT Trichy, 2006-2007
4. Manufacture of hydrogen by steam methane reforming, Aravindh.K,R.V. Karthik, NIT Trichy, 2007-2008

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5. Manufacture of gasoline in fluid catalytic cracking unit, Debjyoti Sen, Radhe Shyam Thakur, NIT Trichy, 2008-2009

(iv) Other contribution(s)

- Class committee chairman for undergraduate and postgraduate students in alternate semesters.
- Guiding postgraduate students research projects
- PAC committee for M.Tech (PCI) projects
- Faculty in-charge for ALCHEMY 2010
- Convocation committee in 2009, 2010

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Removal of Toxic Metal Ions using Polymeric Membranes	DST	2007	2009	Completed
Development and application of inorganic membranes in the treated of wastewater of processing of sugarcane	DST, India-CNPq, Brazil	2009	2011	Completed
Novel Energy Production from Distillery Effluent Treatment by Bioelectrochemical Method	DBT	2012	2015	Completed
Development of biofouling resistant membranes for waste water treatment	DST, India -MST, Korea	2013	2016	Completed
Development of innovative solutions to serve water technology for clean and sustainable water resources	RAC, UK	2016	2017	Ongoing
Transport Characteristics of Novel Polysulfone Membranes for Nanofiltration	DBT-SERB	2016	2017	Ongoing

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ Co-Supervisor)	Year of Award
Dr. Harsh P. Srivastava	Preparation and Characterisation of modified PVDF membranes by DIPS method and its application for treatment of Industrial Effluents	Supervisor	2010
Dr. R. Saranya	Modification of polymeric membrane by mixed matrix method for recovery and reuse of Industrial Effluents	Supervisor	2016

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16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter)	Event Organized by	Venue
Sep 2007	Computational Fluid Dynamics	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
Jan 2008	Simulating Complex Predictive System and Bayesian Modelling in Image Processing– Applications	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
Feb 2008	Nanomaterials characterization and their process applications	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
March 2008	Advanced alternative energy technologies with special emphasis to Fuel Cells	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
March 2008	X-Ray Diffraction Analysis and Intellectual Property Rights	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
April 2008	Process Optimization	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
Jun 2008	Rural Development: Role of renewable energy services	National	Participant	TEQIP, NIT-Trichy	NIT-Trichy
16 th to 20 th February 2009	Research Training on Membrane Development	National	Participant	CMSRI, Bhavnagar, Gujarat	CMSRI, Bhavnagar, Gujarat
Jan 24 th - 28 th , 2011	SERC School on Pattern formation in material and biomedical science	National	Participant	I.I.T Madras	I.I.T Madras
4 th March	Development of polymeric	National	Speaker	Thanthai Hans Roever	Thanthai Hans Roever

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2009	membranes for nanofiltration and applications Membranes			College of Arts and Science, India	College of Arts and Science, India
10 th April 2009	Membranes for wastewater Treatment	National	Speaker	IIE BHEL, Tiruchirappalli, India	IIIE, BHEL, Tiruchirappalli, India
3 rd February 2010	Development of polymeric membranes for waste water treatment	International	Speaker	University of Sao Paulo, Brazil	University of Sao Paulo, Brazil
20 th June 2010	Ultrafiltration by phase inversion (separation) method	International	Speaker	Loughborough University, UK	Loughborough University, UK
7 th September 2010 (one day)	Polymer Membrane Development and its Application	National	Speaker	SMBS, VIT University, India	SMBS, VIT University, India
2 nd April 2011	Membrane Separation process: Overview.	National	Speaker	Amrita School of Engineering, Coimbatore. India	Amrita School of Engineering, Coimbatore. India
14 th November, 2010	Future of membrane process in green technologies and for water reuse	International	Keynote Speaker	Sathyabama University, Chennai	Sathyabama University, Chennai
5 th February, 2011	Emerging Technology of Nanomembranes for promising Environmental Applications,	National	Keynote Speaker	MS University, Alwarkurichi, India	MS University, Alwarkurichi, India
15 th June, 2012	Membrane Separation Technologies, Application of Membranes to the Industrial Effluent Treatment	National	Keynote Speaker	Annamalai University, India	Annamalai University, India
27- 29 August 2013	Polymer modification for performance enhanced membrane separa	International	Keynote Speaker	UTM, Malaysia	UTM, Malaysia

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17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
INDO-UK Workshop On Current Development of Wastewater Treatment	International	29 th to 31 st August 2011	Organizing Secretary	SRM. Hotel, Trichy
Emerging Technologies for Biotechnology and Chemical Processes	National	31 st August - 1 st September 2012	Organizing Secretary	NIT-Trichy
Integrated separation process for Environmental and biotechnology applications	National	19-20 July 2013	Organizing Secretary	NIT-Trichy
R&D Proposals to National and International Funding for Researchers - Approach & Preparation	National	16th -17th August 2013	Organizing Secretary	NIT-Trichy
Green Technologies for Environmental Pollution Control and Prevention"	International	27-29 September, 2014	Organizing Secretary	NIT-Trichy

18. Invited Talks delivered

Topic	Date	Inviting Organization
Desalination Process and Technology	27.10.2015	Tamilnadu Water Supply and Drainage Board, Tamil Nadu, India
Polymer modification for performance enhanced membrane separations"	18.03.2014	Kyungpook National University, Republic of Korea
Environmental Impact assessment on WSS,UGSS and DSP	7.01.2016	Tamilnadu water supply and drainage board, Tamil Nadu, India
Emerging Membrane Technology for Environmental Applications	10 th December 2011	Bharathidasan University, Tiruchirappalli, India
Membranes for nanofiltration applications	24 th April 2010	Sri Krishna College of Engineering and Technology, Coimbatore, India,

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19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	Indian Institute of Chemical Engineers	LM 1015
Life Member	Indian Membrane Society	--
Life Member	International Association of Engineers	126407

20. Academic Foreign Visits

Country	Duration of Visit	Programme
University of Sao Paulo, Brazil	30 th January 2010 - 7 th February 2010	Bilateral visit under Indo-Brazil project
Loughborough University, UK	1 st June 2010 to 30 th August 2010	Research Exchanges with China and India The Royal Academy of Engineering, UK
Monash University, Clayton, Australia	1 st April 2011 to 30 th August 2011	Endeavour Executive Award from DEEWR, Australia
Universiti Teknologi Malaysia, Malaysia	10 th October 2013- 7 th December 2013	Research Networking
Konkuk University, South Korea	7 th March 2014 to 21 st March 2014	Bilateral visit under Indo-Korea project

21. Publications

(A) Refereed Research Journals:

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	H.K. Pravallik, T.Y.Lukka G. Arthanareeswaran A.F. Ismail	Influence of copper oxide nanomaterials in a poly(ether sulfone) membrane for improved humic acid and oil-water separation	Journal of Applied Polymer Science	133	43873	2016
2	K. Venkatesh, G. Arthanareeswaran A.C. Bose	PVDF mixed matrix nano-filtration membranes integrated with 1D-PANI/TiO ₂ NFs for oil-water emulsion separation	RSC Advances	6	18899-18908	2016

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11.	R. Saranya M.Kumar R.Tamilarasan A.F.Ismail G.Arthanareeswaran	Functionalised activated carbon modified polyphenylsulfone composite membranes for adsorption enhanced phenol filtration	Journal of Chemical Technology and Biotechnology	91	748-761	2016
1.	Y. Lukka Thuyavan N. Anantharaman G. Arthanareeswaran A.F. Ismail	Impact of solvents and process conditions on the formation of polyethersulfone membranes and its fouling behavior in lake water filtration	Journal of Chemical Technology and Biotechnology	doi: 10.1002/ jctb.484 6	Press	2016
2.	S. Aditya Kiran Y. Lukka Thuyavan G. Arthanareeswaran T. Matsuura A.F. Ismail	Impact of graphene oxide embedded polyethersulfone membranes for the effective treatment of distillery effluent	Chemical Engineering Journal	286	528-537	2016
3.	K. Sriram, G.Arthanareeswaran D. Paul A.F Ismail	Effects of special Nano Particles on Fuel Cell Properties in Sulfonated Polyethersulfone Membrane	International Journal of Polymeric Materials and Polymeric Biomaterials	65 (06)	294 – 301	2016
4.	M. Kumar, R. Tamilarasan, G. Arthanareeswaran A.F. Ismail	Optimization of methylene blue using Ca ²⁺ and Zn ²⁺ bio-polymer hydrogel beads: A comparative study	Ecotoxicology and Environmental Safety	121	164-173	2015
5.	A. Sumisha G. Arthanareeswaran Y. Lukka Thuyavan A.F Ismail S. Chakraborty	Treatment of laundry wastewater using polyethersulfone/polyvinylpyrrolidone ultrafiltration membranes	Ecotoxicology and Environmental Safety	121	174-179	2015
6.	S. Aditya Kiran G. Arthanareeswaran Y. Lukka Thuyavan A.F. Ismail	Influence of bentonite in polymer membranes for effective treatment of car wash effluent to protect the ecosystem	Ecotoxicology and Environmental Safety,	121	186-192	2015
7.	R. Sathish Kumar G. Arthanareeswaran Diby Paul Ji Hyang Kweon	Effective removal of humic acid using xanthan gum incorporated polyethersulfone membranes	Ecotoxicology and Environmental Safety	121	223-228	2015

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8.	Y. LukkaThuyavan N. Anantharaman G. Arthanareeswaran A.F. Ismail	Modification of polyethersulfone using sericin and polyvinylpyrrolidone for cadmium ion removal by polyelectrolyte-enhanced ultrafiltration	Desalination and Water Treatment	56 (02)	366-378	2015
9.	Aruna Pagidi Y. Lukka Thuyavan G.Arthanareeswaran A. F. Ismail Juhana Jaafar Diby Paul	Polymeric membrane modification using SPEEK and bentonite for ultrafiltration of dairy wastewater	Journal of Applied Polymer Science	132 (21),	41651-41662	2015
10.	Y. Lukka Thuyavan N. Anantharaman, G. Arthanareeswaran A.F. Ismail R.V. Mangalaraja	Preparation and characterization of TiO ₂ -sulfonated polymer embedded polyetherimide membranes for effective desalination application	Desalination	365	355-364	2015
11.	R. Saranya M.Kumar R.Tamilarasan A.F.Ismail G.Arthanareeswaran.	Functionalised activated carbon modified polyphenylsulfone composite membranes for adsorption enhanced phenol filtration	Journal of Chemical Technology and Biotechnology			2015
13.	R. Saranya G. Arthanareeswaran A. F. Ismail D. Dionysiou Diby Paul	Zero-valent iron impregnated cellulose acetate mixed matrix membranes for the treatment of textile industry effluent	RSC Advances	5 (77)	62486-62497	2015
14.	A Sumisha, G Arthanareeswaran AF Ismail DP Kumar MV Shankar	Functionalized titanate nanotube–polyetherimide nanocomposite membrane for improved salt rejection under low pressure nanofiltration	RSC Advances	5 (77)	39464-39473	2015
15.	A.Ananth, G. Arthanareeswaran Soung Sun Mok	Effects of in situ and ex situ formations of silica nanoparticles on polyethersulfone membranes	Polymer Bulletin	71 (11)	2851-2861	2014

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16.	Aruna Pagidi R. Saranya G. Arthanareeswaran A.F. Ismail T. Matsuura	Enhanced oil–water separation using polysulfone membranes modified with polymeric additives	Desalination	Vol.344	280-288,	2014
17.	A. Ananth G. Arthanareeswaran A.F Ismail Young Sun Mok T. Matsuura	Effect of bio-mediated route synthesized silver nanoparticles for modification of polyethersulfone membranes	Colloids and Surfaces A: Physicochemical and Engineering Aspects	451	151-160	2014
18.	Y. Lukka Thuyavan N. Anantharaman G.Arthanareeswaran A.F. Ismail	Adsorptive Removal of Humic Acid by Zirconia Embedded in a Poly (ether sulfone) Membrane	Industrial & Engineering Chemistry Research	53 (28)	11355-11364	2014
20.	R. Saranya G. Arthanareeswaran Dionysios D. Dionysiou	Treatment of paper mill effluent using Polyethersulfone/function alised multiwalled carbon nanotubes based nanocomposite membranes	Chemical Engineering Journal	236	369-377	201.
21.	Reshma Lakra R. Saranya Y. Lukka Thuyavan S. Sugashini K.M.Meera.S. Begum, G. Arthanareeswaran	Separation of acetic acid and reducing sugars from biomass derived hydrosylate using biopolymer blend polyethersulfone membrane	Separation and Purification Technology,	118,	853-861	201.
22.	G.Arthanareeswaran S.Velu	Performance enhancement of polysulfone ultrafiltration membrane by blending with polyurethane hydrophilic polymer	Journal of Polymer Engineering	31 (2,3)	125-131	2012
23.	R. Saranya G.Arthanareeswaran S. Sakthivelu P. Manohar	Preparation and Performance Evaluation of Nanokaolinite-Particle-Based Polyacrylonitrile Mixed-Matrix Membranes	Industrial and Engineering Chemistry Research	51(13)	4942–4951	2012

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24.	A. Ananth G. rthanareeswaran Huanting Wang	The influence of tetraethylorthosilicate and polyethyleneimine on the performance of polyethersulfone membranes	Desalination	287	61-70	2012
25.	Harsha P. Srivastava G. Arthanareeswaran N. Anantharaman Victor M. Starov	Performance and properties of modified poly (vinylidene fluoride) membranes using general purpose polystyrene (GPPS) by DIPS method	Desalination	283	169-17,	2011
26.	Harsha P. Srivastava G. Arthanareeswaran N. Anantharaman Victor M. Starov	Performance of modified poly(vinylidene fluoride) membrane for textile wastewater ultrafiltration	Desalination	282	87-94	2011
27.	G. Arthanareeswaran Victor M. Starov	Effect of solvents on performance of polyethersulfone ultrafiltration membranes: Investigation of metal ion separations	Desalination	267 (1,	57-63	201.
29.	G. Arthanareeswaran S. Ananda Kumar	Effect of additives concentration on performance of cellulose acetate and polyethersulfone blend membranes	Journal of Porous Materials	17 (5)	515-522	2010
31.	M. Subas Chandra Bose, G.Arthanareeswaran M. Raajenthiren	Modeling and Simulation of a Cellulose-Acetate Blend Ultrafiltration Membrane using Bovine Serum Albumin Solution	International Journal of Polymeric Materials	59(8)	588-606	2010
32.	G. Arthanareeswaran P. Thanikaivelan M. Raajenthiren	Sulfonated poly(ether ether ketone) induced porous poly(ether sulfone) blend membranes for separation of protein and metal ions.	Journal of Applied Polymer Science	116 (2)	995-1004.	2010

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33.	G. Arthanareeswaran P. Thanikaivelan	Fabrication of cellulose acetate–zirconia hybrid membranes for ultrafiltration applications: Performance, structure and fouling analysis	Separation and Purification Technology,	74 (2)	230-235	2010
34.	G. Arthanareeswaran D. Mohan M. Raajenthiren	Preparation, characterization and performance studies of ultrafiltration membranes with polymeric additive	Journal of Membrane Science	350 (12)	130-138	201.
35.	G. Arthanareeswaran T.K. Sriyamuna Devi D. Mohan	Development, characterization and separation performance of organic–inorganic membranes: Part II. Effect of additives	Separation and Purification Technology	67 (3)	271-281	2009
36.	S.Ananda Kumar K. Shree Meenakshi B.R.V. Narashimhan S. Srikanth G. Arthanareeswaran	Synthesis and characterization of copper nanofluid by a novel one-step method	Materials Chemistry and Physics	113 (1)	57-62	2009
37.	G. Arthanareeswaran P. Thanikaivelan, M. Raajenthiren	Preparation and characterization of poly (methyl methacrylate) and sulfonated poly (ether ether ketone) blend ultrafiltration membranes for protein separation applications	Materials Science and Engineering C	29 (1)	246-252	2009
38.	G. Arthanareeswaran T.K. Sriyamuna Devi M. Raajenthiren	Effect of silica particles on cellulose acetate blend ultrafiltration membranes: Part I	Separation and Purification Technology	64 (1)	38-47	2008
39.	G. Arthanareeswaran D. Mohan M. Raajenthiren	Preparation and performance of polysulfone-sulfonated poly(ether ether ketone) blend ultrafiltration membranes. Part I	Applied Surface Science	253(21)	8705-8712	2007

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40.	G. Arthanareeswaran P. Thanikaivelan J. Abdoul Raguime M. Raajenthiren D. Mohan	Metal ion separation and protein removal from aqueous solutions using modified cellulose acetate membranes: Role of polymeric additives	Separation and Purification Technology	55 (1)	8-15	2007
41.	N. Jaya G. Arthanareeswaran D. Mohan M. Raajenthiren P. Thanikaivelan	Studies on Permeation, Rejection, and Transport of Aqueous Poly(ethylene Glycol) Solutions using Ultrafiltration Membranes	Separation Science and Technology	42 (5)	963-978	2007
42.	G. Arthanareeswaran P. Thanikaivelan N. Jaya D. Mohan M. Raajenthiren	Removal of chromium from aqueous solution using cellulose acetate and sulfonated poly(ether ether ketone) blend ultrafiltration membranes	Journal of Hazardous Materials	139 (1)	44-49	2007
44.	G. Arthanareeswaran C. S. Latha D. Mohan M. Raajenthiren K. Srinivasan	Studies on Cellulose Acetate/Low Cyclic Dimmer Polysulfone Blend Ultrafiltration Membranes and their Applications	Separation Science and Technology	41 (13)	2895-2912	2006
45.	G. Arthanareeswaran P. Thanikaivelan K. Srinivasan D. Mohan M. Rajendran	Synthesis, characterization and thermal studies on cellulose acetate membranes with additive	European Polymer Journal	40 (9)	2153-2159	2004
46.	C R. Mahendran R. Malaisamy G. Arthanareeswaran D. Mohan	Cellulose acetate–poly (ether sulfone) blend ultrafiltration membranes. II. Application studies	Journal of Applied Polymer Science	92 (6),	3659-3665	2004
47.	G. Arthanareeswaran K. Srinivasan R. Mahendran D. Mohan M. Rajendran V. Mohan	Studies on cellulose acetate and sulfonated poly(ether ether ketone) blend ultrafiltration membranes	European Polymer Journal	40 (4)	751-762	2004

(B) Conferences/Workshops/Symposia Proceedings

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Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
K. Sriram, G. Arthanareeswaran, K.M.Meera.S.Begum	Effects of nano particles on sulfonated polyethersulfone membrane for fuel cell application.	11th International Conference on Membrane Science & Technology (MST2013)	--	Energy and Environment	Seri Pacific Hotel Kuala Lumpur, Malaysia	2013
.Lukka Thuyavan, R.Saranya, G. Arthanareeswaran, N.Anantharaman, A.F. Ismail	Clarification of sugarcane fruit juice using alginate/Polyethersulfone blend ultrafiltration membrane	11th International Conference on Membrane Science & Technology (MST2013)	--	Energy and Environment	Seri Pacific Hotel Kuala Lumpur, Malaysia	2013
Arjun Ramesh, Shyam Sundar, G. Arthanareeswaran, S. Velu L.Murugananda	Utilizing Optimized Imidazolium functionalized Polysulfone in a completely noble metal free alkaline membrane Fuel Cell	11th International Conference on Membrane Science & Technology (MST2013)	--	Energy and Environment	Seri Pacific Hotel Kuala Lumpur, Malaysia	2013
K.Balamurugan, V. Subramanian, G.Arthanareeswaran, S. Sundar Raman	Computation of interaction energy of polystyrene and polymethyl methacrylates in the interface based on its tacticity: a molecular modeling investigation	International Conference on Modeling and Simulation,	247-251	Modeling and Simulation	CIT, Coimbatore, India.	27-29 August 2007, p
N. S. Gowrishankar, G. Arthanareeswaran, M. Raajenthiren	Modeling and simulation of ultrafiltration membrane process	International Conference on Modeling and Simulation,	247-251	Modeling and Simulation	CIT, Coimbatore, India.	27-29 August 2007, p
G. Arthanareeswaran	Preparation polymer blend membrane for the separation of metal ions using micellar enhanced UF	6th IWA Specialist Conference on Membrane Technology for Water & Wastewater Treatment,	--	Membrane Material's	Aachen, Germany	4-7 October 2011,
R. Saranya, G. Arthanareeswaran and M. Matheswaran	An integrated treatment system for the reuse of kraft paper mill effluent	International conference on membrane science &		Sustainable Energy and Environment,	Bangkok, Thailand.	22-23 August 2012

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		technology: MST 2012				
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(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
G. Arthanareeswaran	Modification of polymer membrane for ultrafiltration applications,	VDM Publishing House Ltd, VDM Verlag Dr. Müller, Germany	2010	ISBN-13: 978-3639290585 ISBN-10: 3639290585
M. Subas Chandrabose, G. Arthanareeswaran,	Biopolymer ultrafiltration membranes and their modeling	VDM Publishing House Ltd, VDM Verlag Dr. Müller Germany	2011	ISBN-10: 3639336631 ISBN-13: 978-3639336634