



# Gayatri Vidya Parishad College of Engineering

(Autonomous)

Madhurawada, Visakhapatnam - 530048

Approved by AICTE, New Delhi and Affiliated to JNTU - Kakinada  
Accredited by NBA & NAAC with "A" Grade with a CGPA of 3.47/4.00

## Department of Chemical Engineering

### Faculty Research Publications and Conferences -2014 to 2021

2020-21 : International Journals (till date)				
S.No	Publication Details(IEEE format)	Month & Year of Publication	SCI/ Scopus/ UGC	Impact Factor
1	<b>T Ajeeth Prabhu</b> , Anugrah Singh, Effect of carrier fluid and particle size distribution on the rheology of shear thickening suspensions, Rheologica Acta, Available online, <a href="https://doi.org/10.1007/s00397-021-01257-5">https://doi.org/10.1007/s00397-021-01257-5</a>	Jan, 2021	SCI	2.604
2	Sachin Sreshta, Bikas Mahato, Anthony Tushar G, Prabhu K.T.S, Balanjaneyulu P, Brahmaiah M, Nagarjun B, <b>Nageswara Rao C.V</b> , Simulation Study for Separation of Acetone – Methanol Mixture by Extractive Distillation with Water as Entrainer via Heat Integration, Journal of Chemical and Pharmaceutical Sciences (JCPS) Vol. 14, No. 1, 2021.	January 2021		
2020-21 : National Conferences (till date)				
1	<b>B. Sreenivasulu</b> , Advances in various industries using enzymes by biotechnological methods, NITW	Jan,2021		
2	<b>B. Sreenivasulu</b> , Conversion of organic waste to energy: A review on agro and slaughtering waste. NITW	Jan,2021		
3	<b>B. Sreenivasulu</b> , Treatment of sewage, NITW	Jan,2021		
2020-21 : International Conferences (till date)				
1	<b>B. Siva Rama Krishna</b> , C. V. Nageswara Rao , Comparative Study On optimum Reflux Ratio in International conference CHEMCON 2020	Dec,2020		
2	Rajeev Chinta, <b>Sreenivasulu B</b> , Ajit Burra, Satish Pujari, CFD analysis of a mixed convection heat transfer inside square cavity with hybrid nanofluids, International conference on future technologies in manufacturing, automation, design and energy, NIT- Puducherry	Dec,2020		
3	Hari Kishan Veeranki, <b>Sreenivasulu Bondala</b> , Ajit Burra, CFD analysis of a heat transfer through natural convection inside square cavity using various nanofluids, International conference on future technologies in manufacturing, automation, design and energy, NIT- Puducherry	Dec-2020		
4	C. V. Nageswara Rao, <b>M. S. N. Murty</b> and Devendra Potnuru, "Control of Four Tank System using Grasshopper Algorithm," <i>2020 IEEE India Council International Subsections Conference (INDISCON)</i> , Visakhapatnam, India, 2020, pp. 200-203, doi: 10.1109/INDISCON50162.2020.00049	October 2020		
2019-20 : National Journals				
1	<b>N. N S Rao</b> , Computational Investigation of the Ranges of Wastes Digested by Different Water Sources", Environmental Science : An Indian Journal, Trade science Inc, Vol.16(1) pp.104, February,2020	FEB 2020		0.45

<b>2019-20 : International Journals</b>				
S.No	Publication Details(IEEE format)	Month & Year	SCI/Scopus/UGC	Impact Factor
1	G. Vasu , <b>B. Sreenivasulu</b> , G. Sirisha , G.V.S. Sarma , K.V. Ramesh, Effect of spray nozzle-hole diameter on performance of 1kW PEM fuel cell with honeycomb candle humidifier", Materials Today: Proceedings, Elsevier, Vol.27(1) pp.410-414, 2020	May 2020	Scopus	
2	<b>C.V. Nageswara Rao</b> , P. Siva Prasad, Direct Synthesis Based Fractional Order PID Controller Design for Non - Integer Order Systems with Time Delay", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Blue Eyes Intelligence Engineering & Sciences Publication, Vol.9(4) pp.1042 -1049, 2020	February, 2020	Scopus (withdrawn)	
3	<b>B.Sreenivasulu</b> , B. Ravali Sree, <b>B. Srinivas</b> , K.V. Ramesh, Heat Transfer from Two Spheroids in Tandem to a power law fluid by forced and mixed convection modes", Italian Journal of Engineering Science, vol. 64, No. 2-4, pp. 331-340, June 2020.	June 2020		
<b>2019-20 : National Conferences</b>				
1	<b>J.V.S.Murthy</b> , K. Siva Kumar, Studies on Production of Graphitic Carbon and Carbon Fibers from Coal tar based Mesophase Pitch, in a National Conference on Carbon Materials- 2019	Nov,2019		
2	<b>K. Siva Kumar</b> , E S K R VSai Srikar, Turmeric and Its uses, Recent Advances in Chemical Engineering (RIPPLES-2k20)	Jan,2020		
3	K. Suresh, M. Naveen Kumar, K. Jyothi, D. Jagadeesh, <b>C.V. Nageswara Rao</b> , IMC PID Controller Tuning for Unstable Cascade Process with Time Delay, Recent Advances in Chemical Engineering (RIPPLES-2k20)	Jan, 2020		
4	<b>C.V. Nageswara Rao</b> , B. Nagarjun, U. Gowri Shankar, S. Durga Prasad, K. Pavan Kalyan, K. Sriram, A Review on Thermodynamic properties of binary mixtures of Aromatic and Acids, Recent Advances in Chemical Engineering (RIPPLES-2k20)	Jan, 2020		
5	<b>K. Siva Kumar</b> , E S K R V Sai Srikar, The extraction of essential oils from waste flowers,CHEMFLARE-2020,ANITS	Feb,2020		
<b>2019-20 : International Conferences</b>				
1	<b>S.Padma</b> , B.Srinivas, Sandeep Lahari, K.Ganta, Susmita Dutta, Bioremediation of Hexavalent Chromium from waste water using Bacteria-A Green Technology, WEES-2020	Jan 2020		
2	<b>P.J.Subba Lakshmi</b> , U.Aswini, Fuel and electric power generation from plastic trash using Pyrolysis-A Review, WEES-2020	Jan 2020		
3	<b>P J Subba Lakshmi</b> , S Padma, PV Rajeswari, P Naveen Green Synthesis of coffee-waste derived carbon for Nickel(II) removal from waste water, WEES-2020	Jan 2020		
4	C.V. Nageswara Rao, <b>G. Naga Chaitanya</b> , M.S.N.Murty, P. Devendra, Design of a controller using fuzzy gain scheduling for a quadruple tank system, International Conference CHEMCON 2019	Dec 2019		
5	<b>J.V.S.Murthy</b> , K. Siva Kumar, Extraction of Azadirachtin from Neem Seed Kernels using Water as Solvent in a International conference CHEMCON 2019	Dec 2019		
6	<b>Aditya Mukherjee</b> , Novel anti-fouling paints and paint schemes for coastal vessels, International conference on coastal and inland water systems, CIS 2019, Bhubaneshwar	December 2019		
7	Bondala Vishal, Lalitha Sri Aditya Mallavarapu, <b>Dr.B.Sreenivasulu</b> , Study of Multiple Steady States in CSTR's using MATLAB, CHEMCON-2019, Dept. of Chemical Engineering, Indian Institute of Technology Delhi & Indian Institute of Chemical Engineers,	December 2019		

### 2018-19 : International Journals

S.No.	Publication Details(IEEE format)	Month & Year	SCI/ Scopus/ UGC	Impact Factor
1	<b>A Mukherjee</b> , M Joshi, S.C. Mishra, U. S. Ramesh, Antifouling paint schemes for green SHIPS, Ocean Engineering, vol.173, pp 227-234 , ( Elsevier Publisher)	Dec, 2018	SCI	1.5
2	A. Sailaja , <b>B. Srinivas</b> and I. Sreedhar, Electro viscous Effect of Power Law Fluids in a Slit Micro-channel with Asymmetric Wall Zeta Potentials, Journal of Mechanics, ( Cambridge University Press) Volume 35, pp 537–547	Aug, 2018	SCI E	1.1
3	GVS Sarma, B S Subramanyam, <b>M.S.N Murty</b> and KV Ramesh, Mass Transfer at the Confining Wall of a Coiled Flow Inverter, Heat and Mass Transfer , vol.55, pp 2365–2371	Jan, 2019	SCI	1.5
4	A. Sailaja, B. Sreenivasulu, <b>B. Srinivas</b> and K. V. Ramesh, Flow and Heat Transfer Characteristics in a Microchannel with Asymmetric Wall Zeta Potentials, Lecture Notes in Electrical Engineering, Microelectronics, Electromagnetics and Telecommunications, Proceedings of the Fourth ICMEET 2018,Publisher – Springer, Vol-521, pp.729-739.	Book Chapter, 2018	SCOPUS	

### 2018-19 : International Conferences

1	<b>S.Padma</b> , Susmita Dutta, K.C.Ghanta, B.Srinivas ,”Screening and Isolation of lead Tolerant Bacteria from Industrial Effluent”, CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
2	B.Srinivas, <b>B.Sreenivasulu</b> , E.Tejaswini, ”Mixing in Microchannels with Surface Heterogeneties”,CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
3	<b>B.Sreenivasulu</b> , K.V.S.R.Sriniketh, CH.V.Sai Santosh Kumar,P.Naresh,” Multiple Fluid Flow and Heat transfer solutions”, CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
4	<b>B.Sreenivasulu</b> , S.SwamiNaidu, SA.FerozAhmed, G.Lokesh,” Simulation of a mixed convection in a lid driven square cavity with a stable temperature gradient “,CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
5	<b>B.Sreenivasulu</b> , B.Vishal,” Study of Multiple Steady States in CSTR’s using MATLAB”, CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
6	<b>N.N.Subramanyeswara Rao</b> , P.Rajendra, S.Rukhsaarga,” Carbon Capture and Storage Technology”, CHEMCON-18, NIT Jalandhar,27-30 December 2018.	Dec,2018		
7	<b>B.L.N.Raju</b> , K.Naveen Kumar, S.Vikas,” Nano and Bio-Materials”, CHEMCON-18 ,NIT Jalandhar,27-30 December 2018.	Dec,2018		
8	<b>P J Subba Lakshmi</b> , Syed Rukhsaraga, V Bhargavi, “Synthesis Of Aluminium Ferrite Nanoparticles By Sol-Gel Method And Evaluation Of Morphology”, ADVANCED RESEARCH AND TECHNOLOGY IN CHEMICAL ENGINEERING AND ITS ALLIED FIELDS, CBIT	March,2019		
9	<b>S.Padma</b> , P. Naveen, “Bio-remediation of Nickel From industrial effluent using fresh water algae”, ADVANCED RESEARCH AND TECHNOLOGY IN CHEMICAL ENGINEERING AND ITS ALLIED FIELDS, CBIT	March,2019		
10	<b>T. Ajeeth Prabhu</b> , Anugrah Singh “Microstructure and Rheology of Shear Thinning and Shear Thickening Suspensions”,CompFlu-2018, Indian Institute of Technology Roorkee.	December 2018		

### 2017-18 : National Journals

S.No.	Publication Details(IEEE format)	Month & Year	SCI/ Scopus/ UGC	Impact Factor
1	J Divya Laxmi, P Sateesh Kumar, <b>MSN Murty</b> , KV Ramesh, S Chiriki, Talc Benefication Using Column Flotation, Chemical Technology: An Indian Journal, Vol 12(2), pp. 115 ( Trade Science Inc.)	Sept, 2017		0.34

### 2017-18 : International Journals

1	<b>N. N. Subrahmanyeswara Rao</b> , Parag A. Deshpande, QM/MM reveals the sequence of substrate binding during OPRT action, Computational Biology and Chemistry, vol. 74, pp. 31-38 (Elsevier Publisher).	June, 2018	SCI	1.4
2	N. N. Subrahmanyeswara Rao, Parag A. Deshpande, QM/MM analysis of effect of divalent metal ions on OPRT Action. Computational Biology and Chemistry, vol.74, pp.80-85 ( Elsevier Publisher)	March, 2018	SCI	1.4
3	G. Anthony Tushar, K.T.S. Prabhu, P. Balanjaneyulu, M. Brahmaiah, B. Nagarjun, C.V. Nageswara Rao, Extractive Distillation Study for the System Acetone–Chloroform–DMSO, International Journal of Chemical Separation Technology, vol. 4, No. 1, pp. 1-12	June 2018		

### 2017-18 : International Conferences

1	<b>Bhadri Srinivas</b> , P Rohini Kumar, B Sreenivasulu, K V Ramesh, An efficient method to design a series cascade controller using Multi Objective Optimization. IEEE Conference on Electronics, Communication and Aerospace Technology, Paper 40, p 218 – 224, 2017.			
2	<b>B.Sreenivasulu</b> , Deepthi Mohanty, Ch.V.V.Rahul, “Simulation and experimental comparison of reactor sequencing for saponification of ethylacetate in the presence of sodium hydroxide”, SCHEMCON-2017, NIT Rourkela , 7th& 8th October 2017.	Oct,2017		
3	<b>S.Padma</b> , Md.Abdullah, D.Pruthvi,” Algae to biofuels for Aeroplanes”, SCHEMCON-2017,NIT Rourkela , 7th& 8th October 2017.	Oct,2017		
4	<b>P.J.Subba lakshmi</b> , L.Rajesh, M.Sai Kumar, B.S.G.Viswanadh kumar,” Design of multimodel controller for nonlinear spherical tank system “, SCHEMCON2017,NIT Rourkela , 7th& 8th October 2017	Oct,2017		
5	<b>T. Ajeeth Prabhu</b> , Anugrah Singh, “Studies on Effect of Polydispersity on Rheology of Shear Thickening Fluids”, CompFlu-2017, Indian Institute of Technology Madras.	Dec, 2017		
6	A. Sailaja, B. Sreenivasulu, <b>B. Srinivas</b> , K. V Ramesh, Flow and Heat transfer characteristics in a microchannel with asymmetric wall zeta potentials, International Conference on Microelectronics, Electromagnetics and Telecommunication (ICMEET), organized by Gayatri Vidya Parishad College of Engineering (A), Visakhapatnam	Feb 2018		

### 2016-17 : International Journals

S.No.	Publication Details(IEEE format)	Month & Year	SCI/ Scopus/ UGC	Impact Factor
1	Sreedhar I, TanishaNahar, Venugopal A, <b>Bhadri Srinivas</b> , Carbon capture by absorption. Renewable and Sustainable Energy Reviews, (Elsevier Publication), Vol 76, pp. 1080-1107	March, 2017	SCI E	9.2
2	K.V. Ramesh , P.Rohini Kumar, K.Ashok Kumar, <b>M.S.N.Murty</b> , Wall-To-Bed Mass Transfer In Three Phase Fluidized Beds In The Presence Of Angled Disc Promoter, Heat and Mass Transfer. Vol. 53(4) pp. 1-12, (Springer)	April, 2017	SCI	1.5
3	R.Ravi, <b>Burela Sivaramakrishna</b> , A hierarchy of transport models motivated by studies of the Stefan tube. International Communications in Heat and Mass Transfer, Vol. 77 , pp.132-139 ( Elsevier Publisher)	October 2016	Scopus	4.5
4	<b>B. Srinivas</b> , K. V. Ramesh, K. Gouru Naidu, K. Sudha Rani, Removal of Copper by adsorption on treated laterite, Materials Today: proceedings, vol.5,pp. 463-469	2018	Scopus	
5	<b>B. Sreenivasulu</b> , K. V. Ramesh, G. Vasu, G. V. S. Sarma, D. Arjun, B. Anusha, Effect of humidifier temperature on Nafion-XL membrane electrode assemblies(MEA) - An experimental study, Materials Today: proceedings, vol.5,pp. 765-771	2018	Scopus	

### 2016-17 : National Conferences

1	<b>T. Ajeeth Prabhu</b> , Anugrah Singh, "Synthesis and Studies of Shear Thickening Fluids", Reflux-2017, Indian Institute of Technology Guwahati.	March 2017		
2	E. Tejaswaini, P.J.S. Subba Lakshmi, C.V. Nageswara Rao, <b>J.V.S. Murty</b> , Improving the yield of lemon grass oil produced in commercial units using laboratory optimization studies, Pollution Control Strategies in Chemical and Related Industries (PCSCRI-2017), SVU, Tirupati	March 2017		
3	E Tejaswini, <b>B Sreenivasulu</b> , "Mixed convection flow in a lid-driven square cavity with a sinusoidal wavy bottom", POLLUTION CONTROL STRATEGIES IN CHEMICAL & RELATED INDUSTRIES (PCSCRI – 2017), Sri Venkateswara University, Tirupati	March 2017		
4	<b>S. Padma</b> , Susmita Dutta, Removal of heavy metals by algae, POLLUTION CONTROL STRATEGIES IN CHEMICAL & RELATED INDUSTRIES (PCSCRI – 2017), Sri Venkateswara University, Tirupati	March 2017		

## 2016-17 : International Conferences

S.No.	Publication Details(IEEE format)	Month & Year	SCI/Scopus/UGC	Impact Factor
1	M. Brahmayya, <b>M.S.N.Murty</b> , M.Lavanya “ Pilot plant studies on food grade hexane” International Conference, CHEMCON – 2016, AC Tech, Anna University, Chennai.	December,2016		
2	B.Srinivas, <b>M.S.N.Murty</b> , Md.Abu Talib Shaik, W.Revanth,” Fluid Flow and Heat Transfer in Micro Channels and Nano Channels”, CHEMCON- 2016, Anna University, Chennai.	December,2016		
3	<b>Aditya Mukherjee</b> , Sainath V,” Synthesis of Metal Encapsulated Zeolite Catalyst”, CHEMCON- 2016, Anna University, Chennai.	December,2016		
4	<b>B. Sreenivasulu</b> , B. Srinivas, E.Tejaswini, “Laminar Forced Convection Heat Transfer from Two Heated Square Cylinders in a Bingham Plastic Fluid”, COMSOL Conference, Bangalore.	October, 2016		
5	<b>B. Sreenivasulu</b> , E.Tejaswini “Forced Convection from a Lid-Driven Square Cavity with a Sinusoidal Wavy Bottom in a Bingham Plastic Fluid”, CHEMCON-2016, Anna University, Chennai.	December,2016		
6	<b>J.V.S. Murty</b> , C.V. Nageswara Rao, P.V.SaiTeja, V.Sravan Kumar, NiluKumar, V.A.L.G.Gopala Rao” Effect of sample weights on correlations between MMR of Coals and their thermogravimetric parameters' at International Conference, CHEMCON – 2016, AC Tech, Anna University, Chennai.	December,2016		
7	<b>J.V.S.Murty</b> , J.Savithri, V.SravanKumar, N.Upendra,” Patents and Patenting in India”,CHEMCON – 2016, AC Tech, Anna University, Chennai.	December,2016		
8	<b>C.V.NageswaraRao</b> , Anthony Tushar G,Taraka Srirama Prabhu Kraleti, “Separation Of Homogeneous Binary Azeotropic Mixture Acetone – Chloroform By Extractive Distillation – A Simulation Study”, CHEMCON – 2016, AC Tech, Anna University, Chennai	December,2016		
9	<b>C.V.Nageswara Rao</b> , P.Siva Prasad,” Direct Synthesis Based Fractional Order PID Controller Design for Non-Integer Order Systems With Time Delay”, CHEMCON – 2016, AC Tech, Anna University, Chennai	December,2016		
10	<b>K.Siva Kumar</b> , Electrolysis aided recovery of tartaric acid from grape juice, International Conference on sustainable energy technologies for smart and clean cities	July,2016		
11	<b>T. Ajeeth Prabhu</b> , S.Padma, Y.Kavya, Ch.V.V.Rahul,” Simulation and Experimental Comparison of reactor Sequencing for Saponification of Ethylacetate in the presence of sodium Hydroxide”, CHEMCON- 2016	December,2016		
12	<b>B.Sreenivasulu</b> , N.S. Kirti, G. Vamsi Krishna, B. Ravali Sree, K. V. Ramesh, “A numerical study on enhanced heat transfer in a lid driven cavity with and without fins, International conference on Electronics, Communication and Aerospace Technology(ICECA 2017)	April 2017		
13	<b>Bhadri Srinivas</b> , P.Rohini kumar, <b>B.Sreenivasulu</b> , K.V.Ramesh, “An efficient method to design a series cascade controller using Multi objective optimization”, IEEE Conference on Electronics, Communication and Aerospace Technology	April 2017		
14	G. Vasu , <b>B. Sreenivasulu</b> , G.V.S. Sarma, D. Arjun , B. Anusha , K.V. Ramesh, “Effect of Humidifier Temperatures on Nafion-XL Membrane Electrode Assemblies (MEA) – An Experimental Study”, International conference on processing of materials, minerals and energy, PACE institute of technology and science, Ongole, Andhrapradesh	July 2016		
15	V.Swathi, A.Kumari, <b>B.Sreenivasulu</b> , B.Satyavathi, T.Prathap Kumar, “Salting out assisted liquid-liquid equilibrium study of tetrahydro-1,4 oxazine from aqueous	July 2016		

	streams”, International congress on Recent advances in chemistry and chemical engineering (ICRACACE-16), JNTU, Hyderabad			
<b>2015-16 : International Journals</b>				
S. No	Publication Details(IEEE format)	Month & Year	SCI/Scopus/UGC	Impact Factor
1	Shelu Garg, Kapil Soni, <b>T. Ajeeth Prabhu</b> , K.S.RamaRao, G.MuraliDhar, Effect of ordered mesoporous Zr SBA-15 support on catalytic functionalities of hydrotreating catalysts 2. Variation of molybdenum and promoter loadings, Catalysis Today, Vol. 261, pp.128-136, (Elsevier Publisher)	August, 2015	SCI	4.7
2	B. S. Subramanyam, <b>M.S.N. Murty</b> , B. Surendra Babu, K.V.Ramesh, Phase holdups in three-phase fluidized beds with twisted tape Internal, Multiphase Science and Technology, Begell House, Inc, vol 28(1) pp. 53-70	January, 2016	Scopus	
3	<b>Bhadri Srinivas</b> , Electroosmotic flow of a power law fluid in an elliptic microchannel, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Vol. 492 pp.144–151, (Elsevier Publisher)	January, 2016	Scopus	2.9
4	G.Sai Kishore, K. Vamsi Manohar, <b>M.S.N Murty</b> , K.V.Ramesh, Studies on Water Desalination Using DOW SW304040 Reverse Osmosis Membrane Unit, The Experiment, Vol 36, pp.2231-2240	2016		
5	<b>C.V. Nageswara Rao</b> and Surendra Prasad, Controller Design for Second Order Systems with Dead Time: Design and Tuning of PID Controller, Paperback–29, January 2016 (ISBN: 978-3-659-83131-7) – LAMBERT, Publishing, Germany	January 2016 Book Chapter		
6	<b>C.V Nageswara Rao</b> , Siva Prasad, Surendra Prasad,” Design of PID Controller for Stable and Unstable SOPDT Systems with/without Zero Using IMC Principles” International Journal of Computer and Communication System Engineering, vol .3(1), pp. 1-11	Feb 2016		
7	<b>T. Ajeeth Prabhu</b> , Y.Kavya, S.Padma, M.Aditya Kishore, Developing Expert System for Remote Monitoring Operations, International journal of science, Technology and engineering, vol.2(11)pp.685-690	June 2016		4.753
8	T.N.S.S. Bhasker, E. Sathwik Reddy, M.V.P.S. Abhishek, <b>J.V.S.Murty</b> , K.V. Naga Lakshmi, Optimization & Studies on Extraction of Palma Rosa Oil by Steam Distillation, International Journal of Engineering Research and Reviews, Vol. 3, No. 3, pp. 29-34, July-Sep 2015	July-Sep 2015		
<b>2015-16 : International Conferences</b>				
1	<b>B.Sreenivasulu</b> , P.Sri Krishna Murthy, Ch. Agnihotran, “A Parametric study of Proton Exchange Membrane(PEM) fuel cells using CFD”, CHEMCON 2015, IIT Guwahati	December 2015		
2	E. Tejaswini, <b>B. Sreenivasulu</b> , “Oxidative desulfurization of model compounds in petroleum fractions” CHEMCON 2015, IIT GUWAHATI December 27-30, 2015.	December, 2015.		

### 2014-15 : National Journals

S.No.	Publication Details(IEEE format)	Month & Year	SCI/ Scopus/ UGC	Impact Factor
1	Y.V.S.S.S.Kiran, P.U.R.Vital ,K.Sarat Chandra, <b>M.S.N.Murty</b> , K.V.Ramesh, Water flow split in commercial T-junctions with outlet ends open to atmosphere, Chemical Technology an Indian Journal (TSI) , 9(6) pp.205-211 ( 2014) ISSN : 0974 – 7443	Nov 2014		
2	A.Thriveni, B.Swathi, K.Sivadhanya, <b>M.S.N.Murty</b> , K.V.Ramesh, Gas holdup in a gas-liquid upflow bubble column in the presence of double cone promoter, Chem Xpress ( Global Scientific Inc), 6(4) pp.108-115 ( 2014) ISSN(Print) : 2320 -1967)	October 2014		

### 2014-15 : International Journals

1	B. Sreenivasulu, <b>Bhadri Srinivas</b> , Mixed convection heat transfer from a spheroid to a Newtonian fluid, International Journal of Thermal Sciences, vol.87, pp. 1-18 (ELSEVIER)	Aug 2014	SCI	2.7
2	Koruprolu V Bhadra Rao, <b>B.Sreenivasulu</b> , B.Govinda Rao, V.Dharma Rao, S.V.Naidu, Effect of Operating Parameters on The Performance of Pem Fuel Cell with Various Flow Field Geometries – A Theoretical Study, International Journal of Engineering Science & Advanced Technology, vol.5(2) pp.105-111	March 2015	Scopus	
3	U.S.Sharma, <b>A.Mukherjee</b> , S.C.Mishra and Madhu Joshi, Failure analysis of antifouling paints on ship hulls, Indian journal of Geo marine sciences, vol.43(11) pp. 2060-2066	Nov 2014	Scopus	
4	R. Srikanth, <b>K. Siva Kumar</b> , Suggala. V. Satyanarayana, C. D. Madhusoodana, Study of Permeation of Gases Through Ceramic Supported Polymeric and Zeolite Membranes, International Journal of Research in Engineering and Technology, vol.3(7),pp.478-482	July 2014		
5	G. V. S. K. Reddy , <b>M. S. N. Murthy</b> , B. Srinivas, K. V. Ramesh, Liquid-Wall Mass Transfer in Homogeneous Flow with Coaxially Placed String of Hemispheres, Journal of The Institution of Engineers (India), vol.95(2)pp.69-74	Aug 2014	SCI	1.224
6	B. Niranjana Rao, B.S.G. Ramaprasad, <b>M.S.N. Murty</b> , and K.V. Ramesh, Mass Transfer at the Confining Wall of an Electrochemical Cell in the Presence of Angled Disc Promoter, Columbia International Publishing American Journal of Heat and Mass Transfer, vol.1,pp.113-129	Aug 2014	Scopus	
7	<b>C.V. Nageswara Rao</b> and R. Padma Sree, Two-degree-of-freedom Controllers for Double Integrating Systems with Time Delay and Unstable First Order plus Time Delay Systems with an Integrator, Indian Chemical Engineer, vol.56(4) pp.1-19	July 2014	Scopus	
8	<b>B. Sreenivasulu</b> , Bhadri Srinivas and K V Ramesh, Forced Convection Heat Transfer from a spheroid to a Power law fluid. International Journal of Heat and Mass Transfer, (Elsevier Publication), vol.70 pp.71-80	2014	SCI	2.7
9	<b>G. Murali Dhar</b> , V.Pramod, K.Upendar ,V.Mohan , D. Srinivas Sarma, P.S. SaiPrasad, B. David Raju, K.S.Rama Rao "Hydrotalcite-SBA-15 composite material for efficient carbon dioxide capture" Journal of CO <sub>2</sub> Utilization, vol.12,pp.109-115	June, 2015	SCI	3.091

### 2014-15 : National Conferences

S. No.	Publication Details(IEEE format)	Month & Year	SCI/S copus / UGC	Impact Factor
1	K. Kanchanamala, C.V. Nageswara Rao, <b>J.V.S. Murty</b> , B. Vinod Kumar, Studies on Improvement of Quality of Primer for Coal tar enamel tape, Proceedings of NDSIP – 14 (Novel Process Developments for Sustainable Industrial Practice), SVU Tirupathi,	December 2014		
2	RavaliSree Boppana, <b>B. Sreenivasulu</b> , M.S.N.Murty, K.V.Ramesh, “Control of mixed convection in Lid driven enclosures using conductive rectangular fins”, National conference on Novel process Developments for Sustainable Industrial Practice, (NDSIP-14), Sri Venkateswara University, Tirupati	December 2014		
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3	RavaliSree Boppana, <b>B. Sreenivasulu</b> , K.V.Ramesh, “ A numerical study on enchanced heat transfer in a lid driven cavity with and without fins”, International conference on Outstanding Young Chemical Engineer (OYCE 2015), Dwarkadas J. Sanghvi College of Engineering & IChE	March 2015		