



Venkata Satyanarayana Suggala

M.Tech., Ph. D (IIT K)

**Jawaharlal Nehru Technological University Anantapur
College of Engineering Anantapuram – 515 002,
Andhra Pradesh, India**

Bio-data

Name : Venkata Satyanarayana Suggala

Parents : (Late) Shri S. Gopaiah
(Late) Smt. S. Sowbhagyamma

Official Address : Professor of Chemical Engineering &
Jawaharlal Nehru Technological University Anantapur
College of Engineering, Anantapuram - 515 002,
Andhra Pradesh (India)
Mobile 9849509167

Residential Address : Flot No 406,
Sri Sai Ram Comforts,
5th Cross, Sarada Nagar,
Anantapuramu – 515 001, A.P.

E-mail : svsatya7@gmail.com
svsatya7.chemengg@jntua.ac.in

Nationality : Indian

Religion : Hindu

Date of Birth & Place of Birth : 27th December, 1967
Rudravaram, Reddigudam Mandal
Krishna District
Andhra Pradesh, India

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	Ph. D	Indian Institute of Technology, Kanpur	Chemical Engineering	2004
2.	M.Tech	Indian Institute of Technology, Kanpur	Chemical Engineering	1991
3.	B.Tech	Osmania University, Hyderabad	Chemical Engineering	1990

Details of Doctoral thesis:

Area : Membrane Separations, Chemical Engineering
Title : “Membrane Preparation, Characterization, Modeling and Optimisation of Pervaporation”
Supervisors : Prof. P. K. Bhattacharya and Prof. Ashutosh Sharma

Professional Experience :

S.No.	Institution/Organization	Position held	Duration
1	JNTUA College of Engineering Anantapur	Professor of Chemical Engineering	August 2013 - Till date
2	JNTUA College of Engineering Pulivendula	Professor of Chemical Engineering	September 2012 - August 2013
3	JNTUA College of Engineering Anantapur	Professor of Chemical Engineering	April 2006 - September 2012
4	JNTUA College of Engineering Anantapur	Associate Professor of Chemical Engineering	May 2004 - April 2006
5	JNTUA College of Engineering Anantapur	Assistant Professor of Chemical Engineering	September 1994 - May 2004
6	I.I.C.T, Hyderabad	Research Associate	May 1992 - September 1994

Administrative Experience :

S.No.	Administrative Post held	Duration
1	Director of Academic & Planning Jawaharlal Nehru Technological University Anantapur	July 2019 - May 2021
2	Director of Evaluation Jawaharlal Nehru Technological University Anantapur	April 2018 - July 2019
3	Director (R & D) Jawaharlal Nehru Technological University Anantapur	November 2014 - March 2018
4	Principal, JNTUA College of Engineering Pulivendula	September 2012 - August 2013
5	Director i/c (Industrial Relations & Placements) Jawaharlal Nehru Technological University Anantapur	September 2010 - September 2012
6	Director i/c (School of Continuing & Distance Education) Jawaharlal Nehru Technological University Anantapur	January 2010 - September 2012
7	Coordinator, GATE Online Classes Organised by Ministry of Education, Govt. of AP in Collaboration with APSICHE, JNTUA, JNTUK and YVU Kadapa	May 2020 –July 2020
8	Coordinator, GPAT Online Classes Organised by Ministry of Education, Govt. of AP in Collaboration with APSICHE, JNTUA, JNTUK and IPE Anantapur Local Branch	June 2020- July 2020
9	Chief Program Coordinator, E- Content Development for Engineering & Pharmacy Courses	Decemeber 2020-
7	Nodal Officer, NMEICT Jawaharlal Nehru Technological University Anantapur	January 2012 - September 2012
8	Nodal officer, All India Survey on Higher Education of MHRD Jawaharlal Nehru Technological University Anantapur	February 2012 - September 2012

9	Regional Co-ordinator, Rayalseema Zone, Rajive Yuva Kiranalu Jawaharlal Nehru Technological University Anantapur	February 2012 - September 2012
10	Head of the Department (Chemical Engineering) JNTUA College of Engineering Anantapur	February 2005 - January 2010
11	Coordinator (Entrepreneurial Development Cell) JNTUA College of Engineering Anantapur	September 2004 - March 2008
12	Deputy Warden (Ajantha Hostel) JNTUA College of Engineering Anantapur	October 1998 - July 2000

Achievements as Deputy Warden (Ajantha Hostel) :

- ❖ Instrumental to get the permission for new flooring in dining hall.
- ❖ Electric wiring was completed in the hostel.

Achievements as Coordinator (Entrepreneurial Development Cell) :

- ❖ MOU's are signed with different organizations to organize the entrepreneurship programs.
- ❖ Students are encouraged to participate in Entrepreneurial Development programs.

Achievements as Head of the Department :

- ❖ Responsible for getting NBA accreditation.
- ❖ As chairman of BOS JNTUCE Anantapur (autonomous), innovate changes were made in B. Tech course curriculum.
- ❖ TEQIP funds were utilized in time and procured sophisticated instruments for the department to conduct high end research.
- ❖ Instrumental in getting the opportunity to host the prestigious international students' seminar, SCHEMCON during September 15-16, 2006.
- ❖ Successfully conducted many workshops/Seminars/Symposia/Social awareness programs.

Achievements as Regional Co-ordinator (Rajive Yuva Kiranalu) :

- ❖ A meeting of Principals of Engineering & Pharmacy Colleges of Rayalseema Zone is conducted on 15th March 2012 is conducted at JNTUA.

- ❖ Data base of all the Engineering Graduates who are unemployed in this zone are collected.
- ❖ Cluster centers are formulated to conduct skill development programs.
- ❖ Several meetings conducted by Govt. of AP under Rajeev Yuva Kiranalu is attended.

Achievements as Nodal officer (MHRD) :

- ❖ University has received appreciation from MHRD and AP State council for Higher education for being the first university to submit the Data in time for the year 2010-2011.

Achievements as Nodal officer (NMEICT) :

- ❖ Establishing 1GBPS internet connection in the university under the NMEICT of MHRD.

Achievements as Director i/c (School of Continuing & Distance Education) :

- ❖ Looking after the arranging class work & Examination for B.Tech (CCC) students.

Achievements as Director i/c (Industrial Relations & Placements) :

- ❖ Conducted pool recruitment drives, regularly.
- ❖ Job-Fair was conducted by inviting several companies on 2-3rd June 2011.
- ❖ Instrumental in getting 80% placement at JNTUA College of Engineering Pulivendula.
- ❖ Responsible for the improvement in recruitment percentage at university level for the academic year 2010-11 compared to 2009-10.
- ❖ Conducted workshops by inviting the experts from the industry.
- ❖ Achieved few collaborations with industries like Anjana Cements, CTS, etc.

Achievements as Principal:

- ❖ Looking after the College Administration and Academics.
- ❖ College has received 10 crores under TEQIP and an MOU signed with AP state Govt. on 7th March 2013.
- ❖ A lot of construction activities completed and taken up (Civil Engineering work shop, Academic block 6, Municipal water storage tank (capacity 1,70,000 litres), cup boards in “B” type quarters, Laboratory plat forms in Bio-technology department, etc.
- ❖ Purchased equipment’s/furniture/computers worth of Rs 3 crores.
- ❖ Autonomous status process for college was initiated and later college got the autonomous from JNTUA.
- ❖ Every department has conducted National student level conference and workshops.

- ❖ College day, sports day, Republic day is celebrated.
- ❖ Students have won in various sports conducted by Intra University tournaments.
- ❖ First Governing Council meeting under TEQIP is conducted on 6th May 2013.
- ❖ Greenery of the campus is maintained

Achievements as Director (R&D):

- ❖ Monitoring and coordinating all the research projects sanctioned to the University.
- ❖ Looking after the Progress of the work carried out by PhD scholars admitted in the university.
- ❖ Looking after the functioning of Research centres established in affiliated colleges.
- ❖ Sanction of research projects to individual faculty under UGC innovative projects scheme.

Activities as Director of Evaluation :

- ❖ Monitoring all the examinations of the university.
- ❖ Responsible for Signing MoU with NSDL for implementation of NAD

Activities as Director of Academic & Planning :

- ❖ Curriculam Development for B. Tech (R19, 2nd-4th year), (R20, Ist year), MCA (2 years course), MSc (Food Technology and Food Technolgy & Managemnet), M. Tech (Artificial Intillence and Machine Learning), MBA (04 Programs)
- ❖ University Purchases
- ❖ Looking after the IPR Facilitation Center, JNTUA sanctioned by MSME
- ❖ Rationalization of Faculty Posts
- ❖ Stragic plan preparation for NEP 2020
- ❖ Stragic plan preparation for MERU
- ❖ E content development
- ❖ Dairy Preparation (2020, 2021)
- ❖ Conduct of Academic Senate meetings
- ❖ ISO certification
- ❖ Conduct of Convocation (11th Convocation on 24th April 2021)
- ❖ NIRF Applications (2019-20 & 2020-21)
- ❖ Renewal of DSIR Certificate

Leadership:

➤ **President.** Indian Institute of Chemical Engineers, Kolkatta, 2019

- A refund of Rs 17 lakhs from IT department received through the revised ITR for the year 2017-18
- Recruited Two regular employees and one contract employ at Head quarter Kolkatta
- Conducted CHEMCON 2019 at IIT Delhi during 15-19th December 2019. Chief Guest Shri Dharmendra Pradhan, Minister of Petroleum & Natural Gas and Minster of Steel, Govt. of India. Shri Dhirubhai Ambhani oration given by Prof. Prof M.M. Sharma on 15th Dec. 2019.
- Organised Workshop on Distillation Column: (Design, Operation & Trouble shooting) on 30-31 August 2019 at H L Roy Bldg. Auditorium, Jadavpur University Campus, Kolkata.
- Conducted SCHEMCON 2019 at SRICT, Ankeleswar during 17-18th October 2019, Chief Guest Prof M.M. Sharma
- Conducted Shri DhirubhaiAmbhani Commemoration day and International Conference on Energy and Environment: Challenges and Opportunities in Industries at MNIT Jaipur 28-29thDecember 2019, Chief Guest Prof M.M. Sharma.
- Admitted 02 Fellows, 72 life members, 3088 student members and 09 institutional memberships
- Zonal in charges were nominated to improve upon the communication with the Regional Centers
- Six Council meetings are conducted at IChE Kolkatta, IMMT Bhuvaneswar, VSSC Trivandrum, SRICT Ankuleswar, NRC Delhi & IIT Delhi
- Annual General Body meeting and Regional Centers meeting Conducted at IIT Delhi on 17th December 2019
- Sixteen CHEMCON Distinguished Series Lectures are arranged with experts from all over the world at IIT Delhi and MNIT Jaipura
- Several Awards like Godrej Life Time Achievement award, LalaShriram award, Herdilia award, AV Ramarao best PhD thesis award, Best Membrane Sciences thesis award, Best Regional center award, best Student Chapter award and many students awards are given.
- Encouraged 41 regional centers and 157 student Chapters to conduct various programs throughout the year 2019.

- **Council Member**, Indian Institute of Chemical Engineers, Kolkatta, 2019-2021
- **Coordinator for Anantapur Regional Center**, AP Academy of Sciences, 2017 to till date
- **EC Member**, Indian Membrane Society, Baroda, April 2013–Till date
- **Council Member**, Chemical Engg. AP State Centre, Institution of Engineers, **Sept** 2012 –Sept. 2014 and 2016 to till date
- **Honorary Vice President**, Indian Institute of Chemical Engineers, Kolkatta, 2016
- **Honorary Registrar**, Indian Institute of Chemical Engineers, Kolkatta, 2015
- **EC Member**, Institution of Engineers, Kadapa Regional Center, 2015-16
- **Council Member**, Indian Institute of Chemical Engineers, Kolkatta, 2014-2016
- **Member**, Admissions committee, IChE, Kolkatta, 2013-2014
- **Vice Chairman**, IChE, HRC, Hyderabad, July 2012–June 2013
- **EC Member**, IChE, HRC, Hyderabad, 1999 –2000, 2008-2009 & 2011–June 2013
- **Member**, Student Chapter committee, IChE, Kolkatta, 2007-2008
- **APFUTA**, Hyderabad, May 2007–Sep 2009
- **President**, Teachers Association, JNTUCEA May 2007–Sep 2009
- **Treasurer**, Teachers Association, JNTUCEA Jan 1997–Jan 1998

Others:

- Member, In DPR preparation to transform JNTUA into Multidisciplinary Education and Research University (MERU) 2021
- Member, New Education Policy 2020, JNTUA
- Member, **Preparation of Institution Development Plan, RUSA, JNTUA 2013**
- Member, **Task force committee, Engineering College, Inspections, AP Govt 2012**
- Member & Convener, **JNTUA-UGC 12th Five Year Plan (FYP) proposals Committee**
- Member, **JNTUA-UGC 11th Five Year Plan (FYP) proposals Committee**
- Member, **Scrutiny of Applications, Best Teacher State Awards to University and College Teachers for the year 2011.**

- Nodel officer, **Half Yearly Performance reports of the JNTUA submitted to APSICHE, Hyderabad**
- Member, **JNTUCE Anantapur, NAAC committee visit to JNTU and prepared Walk Through presentation Video of JNTUCE Anantpur**

Teaching Experience: 26+ years to teach UG & PG Courses

Subjects Taught:

- ❖ Mass Transfer Operations 1 & 2
- ❖ Separation Technquies for Bioprocesses
- ❖ Transport Phenomena
- ❖ Chemical Engineering Thermodynamics 1 &2
- ❖ Heat Transfer
- ❖ Chemical Process Calculations
- ❖ Membrane Separations
- ❖ Introduction to Chemical Engineering
- ❖ Industrial Pollution Control & Engineering
- ❖ Process Dynamics & Control
- ❖ Momentum Transfer
- ❖ Mechanical Unit Operations
- ❖ Safety Hazard Analysis
- ❖ Advanced Chemical Reaction Engineering
- ❖ Advanced Separation Processes
- ❖ Unit Operatuions in Food Processes

- ❖ Video Lectures on Mass Transfer Opeartions 1 are developed for RGUKT
- ❖ In addition, Setting up laboratories, Carrying out Funded Research projects and Supervising B. Tech, M. Sc, M. Tech and Ph.D's Thesis

Awards and Recognitions:

1. **GVPCE award for Best Researcher Amongest Engineering Faculty by Indian Society for Technical Education 2020**
2. **Best Scientist Award** in Engineering Sciences by Govt. of Andhra Pradesh (APCOST) for the year 2017
3. **Best Teacher Award** by Govt. of Andhra Pradesh for the year 2013.

4. **Jawaharlal Nehru Gold Medal Award** by Global Economic Progress & Research Association for the year 2014
5. Second best paper award for the paper: Prediction of Partial fluxes during Pervaporative separation of Toluene- water, Presented in IChE International Conference, Chemcon -2001, held at CLRI, Chennai during 19-24, December, 2001.
6. Received as Coordinator, IChE Student Chapter of Anantapur has won ***“Ambuja’s 2nd Best student chapter award”*** for the year 2006
7. Received award as Coordinator, IChE Student Chapter of Anantapur has won ***“Pidilite Best student chapter award”*** for the year 2007
8. Received award as Chairman, IChE Student Chapter of Anantapur has won ***“Ambuja’s 2nd Best student chapter award”*** for the year 2008
9. **Name Selected for Marquis Who’s Who, 2011**
10. Received Dr P.D. Sethi Memorial National Award for the paper **“ Pretreatment and Optimization of processing conditions for extraction of Oleuropein from Olive leaves using Central Composite Design”** for the year 2019 by ANCHROM Enterprises (I) P. Ltd

Consultancy and Sponsored Projects:

1. Co- Principle Investigator, “Formulation and Clinical evaluation of value added additives incorporated Black Tea Nutraceutical Products in Diabesity”, (Amount Rs 26,72, 560), National Tea Research Foundation (NTRF: 17(389/2015) in collaboration with Prof Goswami, IIT Khargapur, Principal Investigator
2. Principle Investigator - Synthesis of Nanozeolites and Development of Highly Stable Mixed Matrix Membranes (MMM) for Dehydration of Hydrazine Hydrate Via Pervaporation" (Amount Rs 3278880), SERB, [EMR/2017/002355 dated 26th November 2018]
3. Principle Investigator - Spatial distribution of uranium and associated water quality parameters in groundwater /drinking water of Rayalaseema region (YSR, Anantapur, Kurnool and Chittoor districts) of Andhra Pradesh (amount Rs 31,14,300) (2015)[No.36(4)/14/19/2015-BRNS/ dated 28th March 2016]
4. Principle Investigator – Innovative Research Programs, UGC XII plan, Synthesis of Novel Membranes and development of Process Design for Separation of Hydrazine – water mixture by pervaporation, (Amount Rs 2,00,000) (on going)

5. Principle Investigator – BRNS project, Base line Survey on Air, Water, Soil Quality, Radio activity and Aquatic Biota in and around the project site of New Uranium Mining site, Tummalapalle, Andhrapradesh (amount Rs 59,41, 000/-) (2009-2013).
6. Principle Investigator- BHEL Project, Separation of CO₂, H₂ from natural gas/coal gas using zeolite membranes (Amount of Rs 7,98,075) (2009-2011)
7. Co-investigator, *AICTE project* Biodegradation of Nitro aromatic Plant Waste Water, (Amount 10 lakhs) (2005)(On going).
8. Co-investigator, *UGC project* Studies on production of L-Lysine using immobilized cells of homoserine auxotrophs of *Corneybacterium Glutamicum*, (Amount 11.58 lakhs) (2005-2011) (Completed).
9. *Coordinator - AICTE project.* Rice Husk Combustion in Circulatory Fluidised Bed (CFB) boiler. A six meters height experimental set-up was designed and fabricated for momentum transfer studies (Amount 5 lakhs) (1998-2000).
10. Member - VSSC (Vikram Sarabai Space Research Centre, Trivandrum) project for separation of liquid propellants by pervaporation during the tenure) at IICT, Hyderabad (Amount 14.2 lakhs) (1992-1994).
11. Coordinator for the weather station at JNTUA, Anantapur installed by BARC, Mumbai
12. Convener – Current perspective on Environment, National Symposium on Environment 18 conference at Department of Chemical Engineering, JNTUACE, Anantapur funded by BRNS, Mumbai (Amount – 7.30 lakhs)
13. Convener, Workshop on Advances in Environmental Monitoring & Modelling with respect to EIA studies at Department of Chemical Engineering, JNTUACE, Anantapur funded by BRNS, Mumbai (Amount – 2.00 lakhs)
14. Coordinator, Recent Innovations in Unit Operations for Pharmaceutical Industries, Sponsored by AICTE (F.No. 6-18/RIFD/FDP/Policy-1/2016-17, dated 6th June 2017), Amount – Rs 3.7 lakhs
15. Consultancy work at Department of Chemical Engineering, JNTUACE, Anantapur (Amount – Rs. 7,300/-)

Total Research Experience : 29 years including 2.5 years at IICT

- ❖ Guided 30+ Undergraduate projects and 40+ Postgraduate theses
- ❖ Guided 29 PhD Students
- ❖ Completed 9 research projects and one projects is in progress

Areas of Interest:

- ❖ Pervaporation, Ultra-filtration, Gas Separation, Membrane Reactors, Membrane Separations, Modelling & Simulation, Optimization, Environmental Engineering, Environmental Impact Analysis

Number of Research Publications:

International Journals	:	125
National Journals	:	12
International Conferences	:	47
National Conferences	:	65

Performance Indices of Publications : (as on 9th June 2021)

Total Citations	:	1170
h -Index	:	20
i-10 Index	:	37

Research guidance Provided:

Ph.D Awarded:

1. N. Ramgopal, Modelling and Optimization of aqueous mixture separation by pervaporation using PDMS membranes, 2010. (Supervisor)
2. K. Sivakumar, Modelling and simulation of Membrane reactors, 2011. (Supervisor)
3. K. Sunitha, Synthesis and Characterization of novel polymeric membranes and their composites for pervaporation based separations, 2014, (Supervisor)
4. S. Altaf Hussain, Effect of Constituents on Cementation - A Statistical Approach, 2014, (Supervisor)
5. R. Srikanth, Membrane Preparation, Application, Modelling and Simulation of Gas Separation Process by Membranes, 2015, (Supervisor)

6. YVL Ravikumar, Treatment of Pharmaceutical and Food industry effluents using Nanofiltration and Electrodialysis 2017 (Supervisor)
7. E. Neelapriya, Prediction of Ambient air quality in and around an Underground uranium mining & processing plant at Tummalapalle, India Using AERMOD 2018 (Supervisor) .
8. G.R. Suma, Synthesis, Characterization, Optimization and Applications of PVA-Nanometal Oxide Composites 2018 (Supervisor)
9. G. Radhika, Drying and Grinding Characteristics of food grains, 2012 (Co-supervisor)
10. S. Kathirvel, Spectro Photometric and RPHPLC method development of certain pharmaceutical in bulk and pharmaceutical dosage forms. 2013 (Co-supervisor)
11. V. Venkatesham, Development of Nano metal oxides and coupled Metal Oxides for Heavy metal adsorption and Photo Catalytic Degradation of AZO dyes, 2014 (Co-supervisor)
12. Murad Basha, Analysis of Trace metals and Radio Nuclides of air and Aquatic biota in and around the new Uranium mining site at Tummalapalle, A.P. 2014, (Co-supervisor)
13. Udayant Pavan, Bio Chemical pharmacological and Toxicological investigation on the plant cuscuta reflexa in experimental animals 2015(Co-Supervisor)
14. N. Yasovardhan, Base line analysis on Water, soil quality and Radioactivity in and around the new Uranium mining site at Tummalapalle, A.P., 2015 (Co-Supervisor)
15. M. Geetavani, Synthesis and Biological Screening of Some New Quinoxaline and Stilbene Derivatives, 2015 (Co-Supervisor)
16. Sudhanva M. Desai, Studies on Bio sorption of hexavalent Chromium from aqueous solutions microorganisms 2016 (Co-Supervisor)
17. Ramsivakiran Reddy, Biosorption of Heavy Metals from Aqueous Solutions Using Spirulina SPP: Kinetic Equilibrium and Optimization Studies 2016(Co-Supervisor)
18. K.J. Pallvi, Pharmacological Evaluation of novel synthetic compounds for their anti-cancer property 2016 (co- Supervisor)

19. N. Sudharani, Modeling simulation & optimization of volatile organic compounds removal by Pervaporation under the influence of permeate side pressure build-up 2017 (co-Supervisor) .
20. T. Gnanakumari, Biosorption of Azodyes from aqueous solutions using SYZYGIUM CUMINI and PSIDIUM GUAJAVA 2018. (Co-supervisor)
21. J. Koteswararao, Studies on Structure -Property Relationships of PVA-Nanometal filler composites 2018 (Co-supervisor)
22. M. Deepa, Analytical Method Development And Validation of Selected Drugs by RP-HPLC 2019 (Co-supervisor)
23. P. Suchiratha, Oleuroprin Loaded Multifunctional Lipid Carriers as Nanomedicine for Treatment of Meningitis through Nasal Delivery 2019 (Co-supervisor)
24. Vanitha, Quality by Design Approach to Stability Indicating HPLC method Development for Bulk Drugs 2019 (Co-supervisor)
25. M. Kalyani, Modeling & Optimization of Oxidative Coupling of Methane in Membrane Reactor and Packed Bed Reactor 2020 (Co-supervisor)
26. P. Srikanth, Formulation and Evaluation of Stomach Specific Drug Delivery Systems for Selected Drugs 2020 (Co-supervisor)
27. P. Salomi, Bioanalytical Method Development and Validation of Capictibine, Methyclothiazide and Combination of Aspirine and Omeprazole by RP-HPLC 2020 (Co-supervisor)
28. K. Anitha, Hypoglycemic and Antioxidant Potential of Selected Medicinal Plants from Tirumal Hills, 2021 (Co-supervisor)
29. K. Ramesh Reddy, Clobetasol Loaded Lipid Nanoparticles as Nanomedicine for Topical Treatment of Psoriasis 2021 (Co-supervisor)

M.S. Guided:

M. Rangarao, Separation of Pickling Solutions by Electro dialysis and Chemical methods, 2010.

List of Patents Published

- Kudumala Ramesh Reddy, Suggala Venkata Satyanarayana Veeram Jayasankar Reddy, Palagati Sucharitha, Antipsoriatic Effects of Clobetasol Loaded Nano Structured Lipid Carriers On Imiquimod Induced Psoriasis. Application No. 202141009486 A, Dated: 12.03.2021.
- Kudumala Ramesh Reddy, Suggala Venkata Satyanarayana Veeram Jayasankar Reddy, Palagati Sucharitha, Clobetasol Loaded Solid Lipid Nanoparticles on Imiquimod Induced Psoriasis. Application No. 202141009425 A, Dated: 12.03.2021.

List of publications:

International Journals:

1. SV Satyanarayana, PK Bhattacharya, S De, "Flux decline during ultrafiltration of Kraft black liquor using different flow modulus: a comparative study" *Separ Purif Technol*, 20, (2000) 155-167
2. SV Satyanarayana, PK Bhattacharya, "Real Coded Genetic Algorithm for Optimization of Pervaporation Process Parameters for Removal of Volatile Organics from Water" *Ind Engg Chem Res* 42(13), (2003) 3118-3128
3. SV Satyanarayana and PK Bhattacharya, "Pervaporation of hydrazine hydrate: Separation characteristics of membranes with hydrophilic to hydrophobic" *J Membrane Sci*, 238(1-2), (2004) 103-115
4. Sharma, S P Thampi, S V Satyanarayana and P K Bhattacharya, Pervaporation from a dense membrane: roles of permeant – membrane interactions, Kelvin effect, and membrane swelling, *Langmuir*, 20, (2004) 4708
5. SV Satyanarayana, A Sharma, PK Bhattacharya, "Composite Membranes for Hydrophobic pervaporation: study with the toluene - water system, *Chemical Engineering Journal* 102 (2004) 171-184
6. Nazish Hoda, SV Satyanarayana and PK Bhattacharya, "Pervaporation of hydrazine-water through hollow fiber module: Modelling and Simulation" *Computers & Chemical Engineering* 30 (2005) 202-214

7. SV Satyanarayana, VS Subrahmanyam, HC Verma, A Sharma, PK Bhattacharya, "Positron Annihilation study of Pervaporation Dense Membranes" *Polymer* 47 (2006) 1300-1307
8. N Ramagopal, SV Satyanarayana and PK Bhattacharya, "NSGA-II for Multiobjective Optimization of Pervaporation Process: Removal of Volatile Organics from Water" *Ind Engg Chem Res* 48 (2009) 1543-1550
9. N Ramagopal, and SV Satyanarayana "An explicit solution for concentration polarization for gas separation in a hollow fiber membrane" *Separation Science & Technology* 45 (2010) 581–591
10. S Kathirvel , G Devala Rao and SV Satyanarayana "UV Spectrophometric determination of Risperidone in Bulk and its Formulation, *Asian Journal of Research in Chemistry* 3(1): (2010)
11. G Devalarao, SKathirvel and SV Satyanarayana "Development and Validation of TLC-Densitometry Method for the Estimation of Anti-psychotic Drug in Bulk and Tablet formulation" *International Journal of ChemTech Research* 2(4) (2010) 2063-2069
12. K Siva Kumar and SV Satyanarayana, Studies of A pervaporation membrane Batch Reactor, *Asia Pacific Journal of Chemical Engineering* DOI:101002/apj43 6 (4) (2011) 575–580
13. N R Gopal and SV Satyanarayana Cost analysis for removal of volatile organic compounds from waste water by pervaporation using non-dominated sorting genetic algorithm-II, *Desalination* 274 (1-3) (2011) 212-219
14. K Sunitha, P Nikhitha, SV Satyanarayana and S Sridhar Recovery of Hydrazine and Glycerol from Aqueous Solutions by Membrane Separation Techniques, *Separation Science & Technology* 46, (2011) 2418–2426
15. G B Radhika; SV Satyanarayana and D G Rao Mathematical Model on thin layer drying characteristics of Finger millet, *Advanced journal of Food Science and Technology*, 3(2) (2011) 127-131
16. G B Radhika; SV Satyanarayana and D G Rao Thin layer drying characteristics of foxtail millet (*Setaria Italica*) and Estimation of Moisture Transfer parameters, *International journal of chemical engineering*, 4 (1) (2011) 59-69

17. S Kathirvel , G Devala Rao and SV Satyanarayana Development And Validation Of A RP-HPLC Method For Estimation Of Darifenacin Hydrobromide In Bulk And In Tablet Dosage Form *Asian J Research Chem* 4(6) (2011) 946-948
18. S Kathirvel , SV Satyanarayana and G Devala Rao' Development and Validation of a Stability-Indicating HPTLC Method for Analysis of Rasagiline Mesylate in the Bulk Drug and Tablet Dosage Form, *Chromatography Research International*, 2012 (2011) 1-6
19. K Sunitha, SV Satyanarayana and S Sridhar Phosphorylated Chitosan membranes for the separation of ethanol-water mixtures by pervaporation technique”, *International journal Carbohydrate Polymers*, , 87 (2012) 1569-1574
20. Subhashis Debnath, Gampa Vijay Kumar, Satyanarayana, SV Design, Development and Evaluation of Novel Nanoemulsion of Terbinafine HCl, *Research J Pharm and Tech* 5(10) (2012) 1301-1307
21. Preetham HS, Madhu GM, Venkatesham V, SV Satyanarayana "Photocatalytic degradation of methylene blue using a ZnO-Ce2O3 catalyst" *European Journal of Chemistry* 3(2) (2012) 191-195
22. V Alapatti, MN Noolv, SN Manjula KJ Pallavi, HM Patel, BS Tippeswamy, SV Satyanarayana, In vivo anti-tumour activity of novel Quinazoline derivatives, *European Review for Medical and Pharmacological Sciences* 16 (13) (2012) 1753-1764
23. Preetham HS, Madhu GM, Venkatesham V, SV Satyanarayana “Adsorption of cadmium on gel combustion derived nano ZnO, *Chemical Product and Process Modeling* 7(1) (2012) Article 8
24. Ramesh M, N Padma Lakshmia, G Adarsh, SV Satyanarayana, D MuralidharaRao “Antimicrobial And Antioxidant Activity Of Leaf Extracts Of Four Common Plants”, *International Journal of Biological & Pharmaceutical Research*; 3(3)(2012) 488-497
25. R Srikanth, Suggala V Satyanarayana, C D Madhusoodana “Gas Separation through Ceramic Supported Polymeric Membranes Mathematical Modeling” *International Journal of Chemical Engineering*, 5(2) (2012) 117-129
26. S Kathirvel, SV Satyanarayana and G Devalarao “Densitometric Evaluation of Stability- Indicating HPTLC Method for the Analysis of Darifenacin Hydrobromide

- in Bulk and in Tablet Dosage Form” *Journal of Liquid Chromatography and Related Technologies* 35(2) (2012) 280-293
27. Udavant PB, Satyanarayana SV, Upasani CD, *In vitro* anthelmintic activity of stems of *Cuscuta reflexa* *International Journal of Bioassays*, 01 (08) (2012) 18–19
 28. Udavant PB, Satyanarayana SV, Upasani CD, Preliminary Screening of *Cuscuta Reflexa* stems for antiinflammatory and cytotoxic activities *Asian Pacific Journal of Tropical biomedicine*, 2 (3)(2012) 1303-1307
 29. M Geethavani, J Raveendra Reddy, SV Satyanarayana, “Synthesis, Antimicrobial And Wound Healing Activities Of Diphenyl Quinoxaline Derivatives”, *International Journal of Pharmacy and Technology*, 4(3)(2012) 4700-4710
 30. R Malothu, M Singh, G Adarsh, MA Rajak, SV Satyanarayana, DM Rao Over expression of Aspartokinase Gene in *Corynebacterium Glutamicum* for Higher production Levels of L-Lysine *International Journal of Biological & Pharmaceutical Research*. 3(6) (2012) 758-761
 31. S Kathirvel, S V Satyanarayana and G Devalarao “Application of a Validated – Stability Indicating LC Method for the Simultaneous Estimation of Tapentadol and its Process Related Impurities in Bulk and its Dosage Form”, *Journal of Chemistry* 2013 (2012) 1-8
 32. RR Siva Kiran, GM Madhu, SV Satyanarayana, P Bindiya “Bioaccumulation of Cadmium in Blue Green Algae *Spirulina (Arthrospira) Indica*”, *Bioremediation & Biodegradation*, 3(3) (2012) 1-4
 33. V Venkatesham, G M Madhu, S V Satyanarayana, Varsha N Bhat and H S Preetham, “Adsorption of Fluoride from Aqueous Solution by Aluminium Oxide”, *IUP Journal of Chemical Engineering*, 4(1) (2012) 13-26
 34. YVL Ravikumar, S Sridhar, SV Satyanarayana, “Development of an electro dialysis distillation integrated process for separation of hazardous sodium azide to recover valuable DMSO solvent from pharmaceutical effluent”, *Separation and Purification Technology*, 110 (2013) 20–30
 35. K Sunitha, KY Rani, S Moulik, SV Satyanarayana, S Sridhar Separation of NMP/water mixtures by nanocomposite PEBA membrane: Part I Membrane synthesis, characterization and pervaporation performance, *Desalination* 330 (2013) 1-8

36. Raveendra Reddy J, Satyanarayana S V, Geetha Vani M, "Synthesis, Characterization and *In-vitro* Antibacterial and Antifungal Activity of Some Derivatives of Quinoxaline-2, 3 (1H, 4H)-dione", *Med Chem* 3 (2013) 1-5
37. S Debnath, GV Kumar, SV Satyanarayana Preparation and Evaluation of Solid Dispersion of Terbinafine Hydrochloride *Asian Journal of Pharmacy and Technology* 3 (1) (2013) 9-15
38. SA Hussain, P Shirisha, TS Kumar, SV Krishna, SV Satyanarayana The Use of Granite Industry Waste as a Cement Substitute *International Journal of Engineering Research and Technology* 2 (9) (2013)
39. V Venkatesham, G M Madhu, S V Satyanarayana, Varsha N Bhat and H S Preetham, "Adsorption of Lead on Gel Combustion Derived Nano ZnO", *Procedia Engineering*, 51(2013) 308–313
40. Subhashis Debnath, Gampa Vijay Kumar, SV Satyanarayana, Preparation and Evaluation of Solid Dispersion of Terbinafine Hydrochloride, *Asian J Pharm Tech* 3(1) (2013) 09-15
41. Nookala Yasovardhan, A Murad Basha, Suggala V Satyanarayana, GopireddyV Subba Reddy, P Padma Savithri, K Vishwa Prasad, A Vinod Kumar, RM Tripathi, "Assessment and baseline data of water quality in and around the new uranium mining site, Tummalapalle, Andhra Pradesh", published in *Int J Advanced Scientific and Technical Research*, 4 (3) (2013) 74-86
42. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, P Padma Savitri, K Vishwa Prasad and A Vinod Kumar, "Assessment of Uranium levels in Atmospheric Particulate Matter (PM10) in and around the Tummalapalle Uranium mining site, Andhrapradesh, India" *J of Environ Res Develop*, 8(2) (2013) 214-223
43. YVL Ravikumar, S Sridhar, SV Satyanarayana, Srikalyani, "Processing of Pharmaceutical Effluent Condensate by Nanofiltration and Reverse Osmosis Membrane Techniques" *Journal of the Taiwan Institute of Chemical Engineers* 45(1) (2014) 50-56
44. Nookala Yasovardhan, A Murad Basha, Suggala V Satyanarayana, GopireddyV Subba Reddy, P Padma Savithri, K Vishwa Prasad, A Vinod Kumar, "Seasonal Assessment Of Natural Uranium In Drinking Water Around Tummalapalle Uranium Mining Site, Kadapa District, India", *International Journal of Recent Scientific Research*, 4(9) (2013) 1406-1409

45. Allabaksh Murad Basha, Nookala Yasovardhan, Suggala V Satyanarayana, Gopireddy V Subba Reddy, A Vinod Kumar “Assessment of Heavy Metal Content of Hen Eggs in the Surroundings of Uranium Mining Area, India” *Annals Food Science and Technology*, 14(2) (2013) 344-349
46. J Raveendra Reddy, SV Satyanarayana and M Geethavani, “Synthesis, Characterization and in-vitro Antibacterial and antifungal activity Of some derivatives Quinoxaline-2,3 (1H,4H) -dione”, *Inventi Rapid Med Chem* 2013(3) (2013) 1-5
47. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, P Padma Savitri, K Vishwa Prasad, A Vinod Kumar, “Seasonal Variation of Air Quality and CAQI at Tummalapalle Uranium Mining Site and Surrounding Villages”, *Journal of Scientific Research and Reports*, 3 (5) (2014) 700 – 710
48. Murad Basha, N Yasovardhan, Suggala V Satyanarayana, GV Subba Reddy, A Vinod Kumar, “Base line Survey of Trace Metals in Ambient PM₁₀ at Tummalapalle Uranium Mining Site” *Journal of Atmospheric Pollution Research* 5(4) (2014) 591-600
49. Murad Basha, N Yasovardhan, Suggala V Satyanarayana, GV Subba Reddy, A Vinod Kumar, “Trace Metals in Vegetables and Fruits Cultivated around the Surroundings of Tummalapalle Uranium Mining Site, Andhra Pradesh, India” *Journal of Food and Chemical Toxicology* 1 (2014) 505-512
50. Allabaksh Murad Basha, Nookala Yasovardhan, Suggala V Satyanarayana, Gopireddy V Subba Reddy, A Vinod Kumar, “Baseline Survey of Trace Metals in Chicken at the Surroundings of the Tummalapalle Uranium Mining Site”, *Annals Food Science and Technology* 15(1) 2014 105-110
51. T Gnanakumari, Suggala V Satyanarayana and P King, “Equilibrium and Thermodynamic Studies of Methylene Blue Biosorption from Aqueous Solution using *Syzygium Cumini L*, *J of Environ Res Develop*, 8(4), (2014) 964
52. R Srikanth, K Siva Kumar, Suggala V Satyanarayana, and C D Madhusoodana, “Study of Permeation of Gases through Ceramic supported Polymeric and Zeolite Membranes”, *International Journal of Research in Engineering and Technology; IJRET*: 3(7) (2014) 478-482
53. Sudhanva M Desai, NCLN Charyulu, Satyanarayana V Suggala “Statistical Optimization Of Adsorption Variables For Biosorption Of Chromium (Vi) Using Crude Tamarind Pod Shell And Activated Carbon”, *International Journal of Research in Engineering and Technology; IJRET*: 3(1) (2014)

54. Allabaksh Murad Basha, Nookala Yasovardhan, Suggala V Satyanarayana, Gopireddy V Subba Reddy, Aerattukkara Vinod Kumar "Trace Metals in Vegetables and Fruits Cultivated around the Surroundings of Tummalapalle Uranium Mining Site, Andhra Pradesh, India", *Toxicology Reports* 1 (2014) 505-512
55. SudhanvaMDesai, NCLN Charyulu, Satyanarayana V Suggala, "Kinetic and Static Study on Biosorption of Hexavalent Chromium using Tamarind Pod Shell and Carbon as Adsorbent, *International Journal of Technical Research and Applications* 2 (5) (2014) 61-66
56. M Kalyani, V Ramesh Kumar, Satyanarayana V Suggala, Effect of Various Parameters on Oxidative Coupling of Methane, *Journal of Chemical Engineering Research*, 2(1) (2014) 223-239
57. V Venkatesham, G M Madhu, S V Satyanarayana, J Koteswararao, "Kinetic Studies of Photocatalytic Degradation of Methylene Blue (MB) dye in water by nano Zinc Oxide Derived from Solution Combustion Synthesis, *Journal of Chemical Engineering Research*, 2(1) (2014) 215-222
58. N Sudha Rani, N Rama Gopal and SV Satyanarayana Two objective Optimization of Toluene Removal from Water by Pervaporation under the influence of permeate side pressure build up, *International Journal of Modern Sciences and Engineering Technology*, 2(1) (2015) 45-57
59. E Neela Priya, SV Satyanarayana, GV Subba Reddy and A Murad Basha, "Monitoring of Pollutant Concentrations in an Underground Uranium Mining Project Using Aermod", *Int J Civil, Structural, Environ and Infrastructure Engg Research and Development*, 5(1) (2015) 93-104
60. Jammula Koteswara Rao, AbhishekRaizada, DebarghaGanguly, Madri Manish Mankad, S V Satyanarayana and G M Madhu, "Enhanced mechanical properties of polyvinyl alcohol composite films containing copper oxide nanoparticles as filler", *Polymer Bulletin*, 72 (2015) 2033-2047
61. KJ Pallavi, SV Satyanarayana, BS Tippeswamy, In vivo-anti-tumor activity of novel imadazo-[2,1 B]-134-Thiadaiazole derivatives in Ehrlich Ascites Carcinoma and Dalton Lymphoma model, *Journal of Harmonized Research*, 4(2), 2015
62. Jammula Koteswara Rao, Abhishek Raizada, Debargha Ganguly, Madri Manish Mankad, S V Satyanarayana, G M Madhu, Investigation of structural and electrical

properties of novel CuO–PVA nanocomposite films, *Journal of Materials Science*, 50 (21)(2015) 7064-7074

63. Siva Kiran RR, Madhu GM, Satyanarayana SV, Kalpana P, Bindiya P, Subba Rangaiah G, Equilibrium and kinetic studies of lead biosorption by three *Spirulina* (*Arthrospira*) species in open raceway ponds, *Journal of Biochemical Technology*, 6(1) (2015), 894-909 <http://dxdoiorg/1013140/RG2114895848>
64. Pallavi KJ , Mayur P , Jeevani CV , Manjula SN , Harun P , Satyanarayana SV, Thippeswamy BS and Noolvi MN, “In vivo Anti-Tumour Activity Of Novel 2, 3, 7 Trisubstituted Quinazoline Derivatives”, *American Journal of Pharmacology and Pharmacotherapeutic* 6 (2015) 120-146
65. Siva Kiran RR, Madhu GM, Satyanarayana SV, “”*Spirulina* in combating Protein Energy Malnutrition (PEM) and Protein Energy Wasting (PEW) – A review”, *Journal of Nutrition Research*, 3(1) (2015) 62-79 <http://dxdoiorg/1013140/RG2131490325>
66. Sudhanva MDesai, NCLN Charyulu, Dilip Kumar Behara, Satyanarayana V Suggala “Statistical optimization of adsorption variables for biosorption of chromium (VI) using carrot based adsorbents-equilibrium and kinetic studies”, *J of Environ Res Develop*, 10(3) (2016) 392-406
67. J Koteswararao A Raizada, S V Satyanarayana, G M Madhu, V Venkatesham Influence of cadmium sulfide nanoparticles on structural and electrical properties of polyvinyl alcohol films, *EXPRESS Polymer Letters* 10 (11) (2016) 883-894
68. Udavant PB, Satyanarayana SV, Upasani CD, Evaluation of Analgesic and anti-inflammatory activity of *Cuscuta Reflexa* Extracts of Animal Bodies, *Indian Drugs* 53(10) (2016) 54
69. G R Suma, Nithin Kundachira Subramani, B V Latha, Shilpa Kasargod Nagaraj, Sachhidanda Shivanna, Suggala V Sathyanarayana and Siddaramaiah, “Strontium Doped Zirconium Oxide (SZO) Reinforced Poly Vinyl Pyrrolone Composite Films: Effect of Dopant Content and Annealing Temperature, *International Journal of Engineering Science and Computing*, 6 (5)(2016) 5703-5709
70. RR Siva Kiran, GM Madhu, SV Satyanarayana, P Kalpana, G Subba Rangaiah, Applications of Box-Behnken experimental design coupled with artificial neural networks for biosorption of low concentrations of cadmium using *Spirulina* (*Arthrospira*) spp, *Resource-Efficient Technologies*, 3(1) (2017) 113-123

71. M Deepa, K Ravindra Reddy, S V Satyanarayana, A Novel Stability Indicating RP-HPLC Method for Simultaneous Estimation of Atazanavir and Cobicistat in Bulk and Pharmaceutical Dosage Forms, *Journal of Chemical and Pharmaceutical Research*, 9(5)(2017) 1-11
72. M Deepa, K Ravindra Reddy, S V Satyanarayana, A Review on Quality Approach for Analytical Method Development, *Journal of Pharmacy Research*, 11(4) (2017) 272-277
73. D Kodandaram Reddy, Kavita Waghray, SV Satyanarayana, Punnam Harika “The Effect of Infrared Radiation on Native Enzymes – A Study on Potato” *International Journal of Engineering Science Invention*, 6(7) (2017) 42-45
74. K Mallikarjuna Rao, Chakka Gopinath, SV Satyanarayana, A Review On Treatment Modalities In The Management Of Hypertension, *International Journal of Research in Pharmaceutical Sciences* (in press)
75. K Mallikarjuna Rao, Chakka Gopinath, SV Satyanarayana, Combination Regimen Of Diabetes And Hypertension; An Overview, *Journal of Pharmacy Research* (in press)
76. G R Suma, Nithin Kundachira Subramani, S Sachhidanda, SV Satyanarayana and Siddaramaiah, Optical and Electrical Evaluation of Ag_{0.5} Cu_{0.75}O introduced Poly (vinyl alcohol) based EColi sensors, *Journal of Material Sci.,; Mater Electron* DoI 101007/s 10854017-7148-3
77. G R Suma, Nithin Kundachira Subramani, KN Shilpa, S Sachhidanda, S V Satyanarayana and Siddaramaiah, Effect of Ce_{0.5} Zr_{0.5}O₂ nano fillers on structural and optical behaviors of Poly (vinyl alcohol) *J Material Sci.,; Mater Electron* DoI 101007/s 10854017-6846-1
78. G R Suma, Nithin Kundachira Subramani, S Sachhidanda, S V Satyanarayana and Siddaramaiah, Nanotechnology Enabled EColi Sensors: An Opto-Electronic Study, *Materials today Proceedings* 4(10)(2017) 11300-11304
79. K Mallikarjuna Rao, Chakka Gopinath, SV Satyanarayana, Pharmacotherapy Of Dpp4 Inhibitors In The Management Of Diabetes Mellitus, *Journal of Global Trends in Pharmaceutical Sciences*, 8(1) (2017) 3800 – 3807
80. Patta Salomi, M Purushothaman, SV Satyanarayana, “Bioanalytical Method Development And Validation By Liquid Chromatography- An Updated Overview” *J Global Trends Pharm Sci*, 8(3) (2017) 4096 – 4105

81. Patta Salomi, M Purushothaman, SV Satyanarayana, "Bioanalytical Method Development And Validation Of Capecitabine In Plasma By RP-HPLC" J Global Trends Pharm Sci, 8(3)(2017) 4106 – 4111
82. Patta Salomi, M Purushothaman, SV Satyanarayana, "Yosprala, A new Emerging Gold Standard Drug for Prevention of Secondary Cardiovascular and Cerebrovascular Events – an Overview, Int J Res Pharma Sci, 8(3) (2017), 1-9,
83. Vanitha, KBhaskar Reddy, SV Satyanarayana, "Quality by design approach to selective stability indicating RP-HPLC method development and validation for the estimation of Sofosbuvir in bulk drug", International Journal of Research in Pharmaceutical Sciences, 9(2) (2018) 298-308
84. Parepalli Srikanth, S Hemalatha, SV Satyanarayana "Formulation and Evaluation Of Floating Capsules Of Diltiazem Hydrochloride Prepared By Semisolid Matrix Filling Technology", Asian Journal of Pharmaceutics, 12 (2018)
85. Meda Venkatasubbaiah, P Dwarakanadha Reddy, Suggala V Satyanarayana, Analysis and reporting of adverse drug reactions at a tertiary care teaching hospital, Alexandria Journal of Medicine, 54 (2018) 597-603
86. D Kodandaram Reddy, Kavita Waghay, SV Satyanarayana, Effect of Infrared Radiation as a pre-drying technique: A case study on reducing the oil uptake during deep fat frying of potato chips" Journal of Lipid Science and Technology, 50(3)(2018) 65 – 72
87. Koushik Bhandari, Suggala V Satyanarayana, Baishakhi De, Prakash Katakam, Gargi Saha, Variance in Antioxidant Potentials and Neuroprotective Effect of Black Tea Due to Seasonal Effect, Indo Global Journal of Pharmaceutical Sciences 9(1) (2019)54-59
88. Koushik Bhandari, Suggala V Satyanarayana, Baishakhi De, Prakash Katakam, Gargi Saha, Synergistic Hypolipidemic Effect of Lemon Grass Tea, Indo Global Journal of Pharmaceutical Sciences 9(2) (2019)
89. Sucharitha P, Satyanarayana SV, Reddy KB. Pretreatment and optimization of processing conditions for extraction of oleuropein from olive leaves using central composite design. Phcog Res 11(2019) 178-187 (PUBMED Indexed and Web of Science Journal (ESCI) with Thomson Reuters Impact Factor-1, H-Index 24)

90. Sucharitha P, Satyanarayana SV, Reddy KB. Invitro-Invivo Characterization of Oleuropein Loaded Nanostructured Lipid Carriers in the Treatment of *Streptococcus pneumoniae* induced Meningitis. Asian Journal of Pharmaceutics. 13 (2) (2019) 153-166 (Web of Science Journal (ESCI) with Thomson Reuters Impact Factor-0.8, H-Index 16)
91. Sucharitha P, Satyanarayana SV, & Bhaskar Reddy K. (2019). Development of protocol for screening of formulation attributes and the assessment of common quality problems in oleuropein loaded nanostructured lipid carriers. International Journal of Research in Pharmaceutical Sciences, 10(2)(2019) 1382-1391 (SCOPUS Indexed Journal with H-Index 15)
92. Sucharitha.P, Satyanarayana S.V, Bhaskar Reddy.K. Green synthesis of oleuropein from olive leaf and in vivo characterization of oleuropein in meningitis induced animals. Asian Journal of Pharmaceutical and Clinical Research. 12(1)(2019)
93. K.Ramesh Reddy, S.V.Satyanarayana, V.Jayasankar Reddy, Factorial design based optimization and in-vitro-ex-vivo evaluation of clobetasol loaded nano structured lipid carriers, International Journal of Pharmaceutical sciences and Research 10(9) (2019) 4374-4383
94. K.Ramesh Reddy, S.V.Satyanarayana, V.Jayasankar Reddy, Clobetasol –loaded dermal Nanostructured lipid carriers for treatment of Imiquimod induced psoriasis, Asian Journal of Pharmaceutics 13(4) (2019) 340-348
95. K.Ramesh Reddy, S.V.Satyanarayana, V.Jayasankar Reddy. Development and evaluation of Clobetasol –loaded solid lipid nanoparticles for topical treatment of Psoriasis. International Journal of Applied Pharmaceutics 11(5), (2019)143-150
96. Parepalli Srikanth*, S. Hemalatha, S.V.Satyanarayana. Formulation Development and In-Vivo Radiographic Studies of Diltiazem Hydrochloride Loaded Floating Capsules Prepared by Modified Pulsincap Technology, International Journal of Pharmaceutical Sciences and Research. 10(5) (2019) 2550-2564.
97. Parepalli Srikanth*, S. Hemalatha, S.V.Satyanarayana “Development and Radiographical Evaluation of Floating Tablets with Combination of Amoxicillin

- Trihydrate and Ranitidine Hydrochloride” International Journal of Research in Pharmaceutical Sciences., 10(2)(2019) 1489-1499.
98. Vanitha C, Satyanarayana SV and Bhaskar Reddy K “ Quality by design approach to stability indicating reverse-phase High-performance liquid chromatography method development, optimization and validation for the estimation of Simeprevir in bulk drug” Asian J Pharm Clin Res., 12(5)(2019) 93-100.
99. C Vanitha , SV Satyanarayana and K Bhaskar Reddy “ Development, Optimization and Validation of a Selective stability indicating RP-HPLC method for estimation of Glecaprevir and Pibrentasvir and its degradation products using Quality by design approach” Asian Journal of Chemistry, 31(7) (2019) 1539-1545.
100. M Kalyani, BhadriSrinivas, V Ramesh Kumar and S V Satyanarayana, Oxidative Coupling of Methane in Membrane Reactor: Reactor Simulation Studies and Multi Objective Optimization, International Journal of Recent Technology and Engineering, 8(1) (2019) 1981-1988 e-ISSN: 2277-3878, B Impact Factor of the journal is 5.11 for year 2017 (SCOPUS indexed journal)
101. J. Koteswararao, Suggala V Satyanarayana, G. M. Madhu, V. Venkatesham, “Estimation of structural and mechanical properties of Cadmium Sulfide/PVA nanoComposite films, Heliyon 5 (2019) e01851 1-7
102. Ganesh T. Sivanathan, Hanuman Mallubhotla, Satyanarayana V. Suggala, ‘Selective removal of closely related clipped protein impurities using poly(ethylenimine) - grafted anion-exchange chromatography resin’, Preparative Biochemistry and Biotechnology Journal, 49(10)(2019),1020-1032
103. Sucharitha Palagati, Satyanarayana S. V, Bhaskar Reddy Kesavan, “Applications of computational tools for the designing of Oleuropein loaded nanostructured lipid carrier for brain targeting through nasal route” DARU Journal of Pharmaceutical Sciences, 27 (2019) 695-708
104. D.Thirupathi Rao, P.Umamaheshwari, S.V.Satyanarayana, NaA Nano zeolite incorporated polystyrene mixed matrix membrane for separation of hydrazine and

water using pervaporation, *International Journal of Technical Innovation in Modern Engineering & Science*, 3(11) (2019) 166-173

105. Salomi.Patta, M.Purushothaman, S.V. Satyanarayana. "A new, simple and sensitive method for simultaneous estimation of Aspirin and Omeprazole in rat plasma b RP-HPLC and its application to pharmacokinetic study" *J. Drug Delivery and Therapeutics* 9(3), (2019) 332-338:. doi: <http://dx.doi.org/10.22270/jddt.v9i3.2673>
106. **Salomi.Patta**, M.Purushothaman, S.V. Satyanarayana."Development of an ionic liquid based Dispersive liquid-liquid micro extraction method combined with RP-HPLC for determination of Methyclothiazide in plasma." *J. Chemical and Pharmaceutical Research*. 11(10) (2019) 13-21
107. D Kodandaram Reddy, Kavita Waghray, SV Satyanarayana, "Infrared heating- A new green technology for process intensification in drying of purslane leaves to reduce the thermal losses", *Emerging Trends in Smart Modelling Systems and Design*, Springer Nature Switzerland AG 2020 S.C.Satapathy et al .(Eds):ICETE 2019,LAIS 2,466-475, 2020, https://doi.org/10.1007/978-3-030-243-14-2_56
108. Meda Venkatasubbaiah, P Dwarakanadha Reddy, Suggala V Satyanarayana, Literature-based review of the drugs used for the treatment of COVID-19, *Current Medicine Research and Practice*, 10(3) (2020) 100-109
109. S. Altaf Hussain, S. M. Subhani and S. V. Satyanarayana, Slate Mine Waste Water the best substitutive for Cementation, *Urban Mining and Sustainable waste Management*, Sadhan Kumar Ghosh (Guest Editor), Springer Publishers, (2020) 81-90
110. Adapa Satish Kumar, P Dwarakanadha Reddy, Suggala V Satyanarayana, Phytochemical Screening and in vitro antioxidant Study of Magnolia Vine, *Muntingia calabura* and *Alangium Salviifolium* Fruits, *International Journal of Green Pharmacy*, 14(1) (2020) 87-92
111. K.Ramesh Reddy, , Palagati Sucharitha S.V.Satyanarayana, V.Jayasankar Reddy, Antipsoriatic Effects Of Clobetasol Loaded Solid Lipid Nanoparticles On Imiquimod Induced Psoriasis In Balb/C Mice 11(6) (2020) 2655-2670

112. Anitha P, Ramkanth S, Satyanarayana SV, Development and Validation of a new analytical RP-HPLC method for simultaneous determination of Glibenclamide and Atenolol in bulk, *International Journal of Research in Pharmaceutical Sciences*, 2019; 10(3): 2433-244
113. Anitha P, Ramkanth S, Satyanarayana SV, Proniosomal Gel mediated transdermal delivery of Glibenclamide and Atenolol combination: *Ex vivo* and Pharmacodynamic studies, *International Journal of Applied Pharmaceutics*. 13(1); 2021: 242-248
114. Anitha P, Satyanarayana SV, QBD based Design and Characterization of proniosomal transdermal delivery of Atenolol and Glibenclamide combination: an Innovative approach, *Bulletin of Faculty of Pharmacy*,. **(ACCEPTED)**
115. Meda Venkatasubbaiah, P Dwarakanadha Reddy, Suggala V Satyanarayana, Analysis of The Adverse Drug Reactions and Associated Cost Burden on The Patients in A South Indian Teaching Hospital, *Journal of Advances in Medicine and Medical Research*, 32(2020) 88-98
116. Meda Venkatasubbaiah, P Dwarakanadha Reddy, Suggala V Satyanarayana, Questionnaire Based Study on the Assessment of Doctor of Pharmacy (Pharm.D) Interns' Knowledge, Attitude, And Practices (KAP) Regarding The Pharmacovigilance, *Asian Journal of Pharmaceutical and clinical research*, 14 (2020)
117. L. Balabrahmam, N. Sudharani, S.V. Satyanarayana, Pervaporative Separation of Volatile Organic Compounds from Water: Boundary Layer Resistance Modelling , *Journal of Emerging Technologies and Innovative Research*, 5(9) (2018)
118. K. Sreehari, P.Umamaheswari, S.V. Satyanarayana, Preparation of Nano Hydroxy Sodalite Zeolites and Characterization, *International Journal for Scientific Research & Development* 5(8) 2017
119. Srinivasulanaik, P.Umamaheswari, S.V. Satyanarayana, Synthesis, Characterisation and Application of Nanoparticles Prepared from Tamarind Seeds, *International Journal for Scientific Research & Development* 5(9) 2017
120. Raja Babu Chilakapati, Hemanth Kumar, Suggala V Satyanarayana, Behara Dilip Kumar, Adsorptive removal of methylene blue (MB) and malachite green (MG) dyes

from aqueous solutions using graphene oxide (GO), *Zeitschrift für Physikalische Chemie* (In Press)

121. Poojitha.M, Saravana Kumar. A. S, S.V. Satyanarayana, Pharmacognostic Study Data of Indian Medicinal Plants, *Int. J. Pharm. Res.* 12(3) (2020) 1329-1338
122. Poojitha.M, Saravana Kumar. A. S, S.V. Satyanarayana, Gastroprotective effect of leaves of *Breyniavitis-Idaea*, *Int. J. Res. Pharm. Sci*, 11(2) (2020) 2519-2524
123. Poojitha.M, Saravana Kumar. A. S, S.V. Satyanarayana, Gastroprotective Effect of *Chloris Paraguaiensis* Plant Extract in Various Experimental Models, *Research J. Pharm. & Tech*, 13(6) (2019) 2784-2786.
124. K. Suresh, Hindustan Abdul Ahad and S. V. Satyanarayana Evaluation of Hepatoprotective and Antioxidant Activity of Ethanolic Extract of *Artabotrys zeylanicus* Stem Against Various Hepatotoxins Induced Hepatotoxicity in Albino Wister Rats, JPRI (in Press)

National Journals:

1. S Kathirvel , G Devala Rao and SV Satyanarayana “ New simple UV Spectrophotometric method for the estimation of Anti – Psychotic Drug in Bulk and its formulations, *Journal of Pharmaceutical Technology & Research*, Vol 1 (2) 2009 56-60
2. Subhashis Debnath, SV Satyanarayana, Gampa Vijay Kumar, Nanoemulsion –A method to Improve the Solubility of Lipophilic Drugs, *Pharmanest* 2(2-3) (2010) 72-83
3. S Kathirvel , G Devala Rao and SV Satyanarayana Simple Spectrophotometric Methods For The Determination of Rasagiline Mesylate In Pharmaceutical Dosage Form *Journal of Pharmacy Research* 4 (1) (2011) 61-62
4. S Kathirvel , G Devala Rao and SV Satyanarayana Spectrophotometric Methods For The Estimation of Darifenacin in Pharmaceutical Dosage Form *The Indian Pharmacist* May (2011) 49-51
5. S Kathirvel , G Devala Rao and SV Satyanarayana A Validated Method For Development of Darifenacin Hydrobromide As Active Pharmaceutical Ingredient And Tablet Dosage Form By UV – Spectroscopy *Research J Pharm And Tech* 4(7) (2011) 1115-1117

6. S Kathirvel, G Devala Rao and SV Satyanarayana RP- HPLC Method For Determination Of Process-Related Impurities of Pregabalin, The Indian Pharmacist June (2011) 71-77
7. GBRadhika; SVSatyanarayana; DGRao Thin layer drying characteristics of Horse gram undergoing Microwave Treatment - Development of Mathematical Model, Res Engineeria; 1(2) (2011)1 – 7
8. S Kathirvel , G Devala Rao and SV Satyanarayana A new method for quantitative analysis of pregabalin in bulk and in capsules by planar chromatography Indian Drugs Vol48 (10) 2011 57-60
9. S Kathirvel, SV Satyanarayana and G Devalarao “Application of a Validated Stability-Indicating LC Method for the Analysis of Doripenem in Bulk and Injection Formulation”, The Indian Pharmacist Volume 11(3)(2012) 49-54
10. Neela Priya Eruvaram and Suggala V Satyanarayana ”Air quality modeling of non radioactive pollutant emissions from Uranium mine in a complex terrain using WRF-CALPUFF model in India” i-manager 5(4)(2015) 26-35
11. YVL Ravikumar, Pavani Vadthya, SV Satyanarayana, Sridhar S “Effective Treatment of Domestic Kitchen Wastewater using Nanofiltration Membrane Technique”, Journal of Chemical Engineering Research Studies 2(2): 3
12. S Subramanyam, P Uma Maheshwari, Suggala V Satyanarayana, Role of Support Layer in Pervaporation Process, Science Spectrum (accepted)

Book Chapter

1. D. Mrudala, Suggala V Satyanarayana, Bioremediation: Emerging Techniques For Enviornmental Cleaning Up, Education For Future, 649-664, Media House, Noida & S.M. Books & Publications. Kottayam (ISBN: 978-93-88989-61-9), July 2020

International Conferences:

1. K Siva Prasad, SV Satyanarayana, PK Bhattacharya and SG Dhande, Reuse of FDM components by solution-casting technique, presented in International symposium on Rapid prototyping and tooling, held at HAL Convention centre, Bangalore during 6-7, June, 2003
2. Altaf Hussain, KRSRsrinivas, NSanthoshi, BPitchumani, SVSatyanarayana “Effective utilization of plastic waste in Civil Construction” presented in National symposium on

International conference on Environmental Management, held at JNTUH, Hyderabad during 25-28th October 2010

3. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, K Vishwaprasad “Analysis of Air quality parameters like SPM, RSPM, SO_x, NO_x, and Uranium and Trace metals in and around the Uranium mining site, Tummalapalle, Andhra Pradesh” presented in International conference “Indo-US conference-cum-Workshop on promotion of collaborative research and Education in Air Quality Measurements, Modeling and Analysis” held at Administrative Staff College of Inida, Hyderabad during 14-24th March 2011
4. N Yasovardhan, A Murad Basha, GVSubba Reddy, SVSatyanarayana, KVishwa Prasad and PPadma Savithri Uranium, Trace metals and quality parameter analysis of Water in and around the new Uranium mining site, Tummalapalli, Andhra Pradesh, Energy, Water & Environment(ICEWE 2011)” on 17th September 2011
5. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, P Padmasavithri, K Vishwaprasad, “Environmental Assessment and Analysis of Ambient Air Quality at Tummalapalle Uranium mining site and surrounding villages, Andhra Pradesh, India” presented in 4th International Congress on Environmental Research (ICER) held at SVNIT, Surat during 15-17th December 2011
6. N R Gopal and SV Satyanarayana, “Multi-objective Optimisation study for VOC removal from water by Pervaporation under the Influence of Permeate Side Pressure Build-up” presented in the International scientific Conference on Pervaporation, Vapour Permeation and Membrane Distillation held NCU, Torun, Poland during 8-11th September 2011
7. K Sunitha, P Nikhitha, SV Satyanarayana and S Sridhar, “Recovery of Hydrazine and Glycerol from aqueous solutions by membrane separation techniques” presented in the International scientific Conference on Pervaporation, Vapour Permeation and Membrane Distillation held NCU, Torun, Poland during 8-11th September 2011
8. JVGPradeep, N Satheesh, M Ramesh, NBL Prasad, SV Satyanarayana, “Production of Bio ethanol from Paper Pulp and Paper Waste by using Microorganisms” presented in the International conference on ‘Innovation in Oils, Fats & Allied Products towards Sustainability (IOFATS-2011)’ held at CSIR-Indian Institute of Chemical Technology, Hyderabad, India during 18th – 19th November 2011

9. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, P Padmasavithri, K Vishwaprasad, A Vinod Kumar, RM Tripathi “Uranium Concentration in Ambient Air associated with Air – PM10 at Tummalapalle Uranium mining site and surroundings, Andhra Pradesh, India” presented in International Congress on Environmental Research (ICER) held at University of Terengganu, Malaysia during 23-25th November 2012
10. V Venkatesham, GM Madhu, SV Satyanarayana and HS Preetham, “Adsorption of lead on gel combustion derived nano ZnO”, in the track Chemical Engineering at the 3rd Nirma University International Conference on Engineering, NUiCONE-2012, organized by Institute of Technology, Nirma University, Ahmedabad in association with IEEE and Science Direct, 6-8th December 2012
11. V Venkatesham, G M Madhu, S V Satyanarayana and H S Preetham, “Removal of Cadmium from aqueous solution using nano ZnO”, in one day National Conference on “Green and Sustainable Chemistry” (NCGSC – 2012) held at Department of Chemistry, University Science College, Tumkur University, Tumkur, 25th February 2012
12. V Venkatesham, G M Madhu, S V Satyanarayana and H S Preetham, “Adsorption of lead on gel combustion derived nano ZnO”, in one day “National Conference on Chemistry of Materials” (NCCM – 2011) held at Centre for Advanced Materials, Tumkur University, Tumkur, 28th September 2011
13. SV Satyanarayana “Mass Transfer Mechanism through Pervaporation”, given invited talk in Membrane Separations for Fuel Cycle Applications, DAE-BRNS Theme Meeting, held at BARC, Mumbai during September 16-18, 2013
14. T Gnanakumari, Suggala V Satyanarayana, PKing, “Equilibrium and Thermodynamic Studies of Methylene Blue Biosorption from Aqueous Solution Using Psidium Cumini L” presented in 6th International Congress on Environmental Research (ICER) held at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra during 19-21st December 2013
15. Suggala V Satyanarayana, “Applications of Membrane Separation Processes for Clean Environment” given invited talk in 6th International Congress on Environmental Research (ICER) held at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra during 19-21st December 2013

16. A Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, A Vinod Kumar, “Baseline Survey of Trace Metals in Chicken at the surroundings of Tummalapalle Uranium Mining Site” presented in 6th International Congress on Environmental Research (ICER) held at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra during 19-21st December 2013
17. M Kalyani, V Ramesh Kumar and Suggala V Satyanarayana “Effect of Various Parameters on Oxidative Coupling of Methane”, accepted for presentation in international conference on Recent advances in Engineering Sciences to be held at MS Ramaiah, Engineering College, Bangalore, during 4-5 Septemeber 2014
18. T Gnanakumari, Suggala V Satyanarayana, P King, “Biosorption of Methylene Blue from Aqueous solution using *Syzygium cumini*L”, International conference on Emerging trends in chemical and pharmaceutical sciences 1st Convention of ICCP held at JNT University Anantapur, Anantapuramu on 28-30th June 2013
19. T Gnanakumari, Suggala V Satyanarayana, P King, “Equilibrium and Thermodynamic Studies of Methylene Blue Biosorption from Aqueous Solution using *Syzygium cumini*L”, in International Conference ‘6th International Congress of Environmental Research’ during 19 – 21 December 2013 at Moulana Azad College of Arts, Science and Commerce, Aurangabad
20. R Srikanth and SV Satyanarayana, “CO₂- N₂Separations: Use of Gas Separation Membranes” presented in International Conference on Chemical Engineering – Emerging Dimensions and Challenges Ahead & Indo Japanese Symposium on separation Technology for Green Environment, Chemcon-2014, held at Punjab University during 27-30th December, 2014
21. Siva Kiran RR, Madhu GM, Satyanarayana SV, Shareef GA, Kalpana P and Subba Rangaiah G, Applications of Box-Benkhen experimental design coupled with artificial neural networks in biosorption of low concentrations of cadmium using *Spirulina maxima* in International Conference on Green Technology for Environmental Pollution Prevention and control, Department of Chemical Engineering, National Institute of Technology, Tiruchirapalli (NITT), India, 27th-29th September 2014
22. SudhanvaMDesai, NCLN Charyulu, SVSatyanarayana, “Biosorption of Chromium (VI) by treated tamarind shell a comparative study” 2nd international conference on Challenges in Biotechnology and Food Technology, Annamalai University, January 2012

23. SudhanvaMDesai, NCLN Charyulu, SVSatyanarayana, “Biosorption of Chromium (VI) by treated carrot peel (*Daucus carota*) a comparative study” Ist international Science Congress, Indore, December 2011
24. Sudha Rani Narayana, N Rama Gopal, SVSatyanarayana “Pervaporative separation of multi-component VOCs from water under the influence of permeate pressure buildup effect: Effect of module dimensions on the performance of hollow fiber module” presented in Indian Chemical Engineering Congress, CHEMCON 2015, held at Indian Institute of Technology, Gawahati, during 27-30 December 2015
25. S Subramanyam, SVSatyanarayana, “Influence of support layer of composite membrane on performance of hydrophobic pervaporation” poster presented in Indian Chemical Engineering Congress, CHEMCON 2015, held at Indian Institute of Technology, Gawahati, during 27-30 December 2015
26. SVSatyanarayana, “Economic studies using Multi-objective optimization studies for removal of VOCs from aqueous solutions using Pervaporation” presented in EMN Meeting on Membranes– 2016” held at Hotel Novotel World Trade centre, Dubai during 5th April to 08 April 2016
27. Koteswararao J, Madhu GM, Satyanarayana SV and Venkatesham V: Poster Presented on Enhancement of Structural and Electrical Properties of Polyvinyl alcohol films by Cadmium Sulfide Nano- Particles, at International Conference on Ceramic & Advanced Materials for Energy and Environment, held at Christ University, Kengeri during 15 – 17, December 2015
28. Koteswararao J, Madhu GM, Satyanarayana SV and Venkatesham V: Poster Presentation on Fabrication of PVA/Ce₂O₃ Nanocomposites Films and Effect of Ce₂O₃ as Filler on its Properties, at International Conference on Ceramic & Advanced Materials for Energy and Environment, held at Christ University, Kengeri during 15 – 17, December 2015
29. Koteswararao J, Abhishek R, Debargha G, Madri MM, Satyanarayana SV and Madhu GM: Paper presented on Enhanced mechanical properties of polyvinyl alcohol composite films using copper oxide as a nano-filler, at International Conference on Polymer Composites (ICPC 2014), held at NITK, Surathkal, Mangalore, during 19-20, December 2014
30. Koteswararao J, Madhu GM, Satyanarayana SV and Venkatesham V: Kinetic Studies on Photocatalytic Degradation of Methylene Blue Dye in water by Nano Zinc Oxide

Derived from Solution Combustion Synthesis, at International Conference on ICREAS-2014, held at MSRIT, Bangalore, during 4 – 5, September, 2014

31. Ganesh T S , Hanuman Mallubhotla, S.V.Sathyannarayana, 'Selective removal of closely related product impurities caused by protein truncation using poly(ethylenimine)- grafted anion-exchange chromatography resin', International Conference on Bioprocess for Sustainable Environment and Energy (ICBSEE 2018), 6-7 Dec 2018, NIT Rourkela
32. Sucharitha Palagati, Satyanarayana S. V, Bhaskar Reddy Kesavan, Oleuroprin Loaded Multifunctional Lipid Carrier as Nanomedicine for Treatment of Meningitis Through Nasal Delivery” , Navigating Translational Discoveries, ICBS held at ICT Hyderabad, 2-4 November 2019
33. G.Sameena Farheen, M. Ranga Rao, Suggala.V.Satyanarayana, G.B. Radhika Studies on Removal of Fluoride from Aqueous Water by Micellar Enhanced Ultra filtration (MEUF), ICSARQCSMM, held at JNTUACE Ananthapuramu, 11-13th December 2019
34. D. Mrudala, S.V. Satyanarayana & Narisimulu, Isolation and Characterisation of Dye Degradation Bacteria from Kakamkari Effluent at Srikalahasti, CHEMCON 2019 held at IIT Delhi, 16-19th December 2019
35. P. Archana Rao, S.V. Satyanarayana, Pervaporative Removal of n Butanol from Aqueous Solutions using PDMS-Nano SiO₂ Mixed Matrix Membranes, CHEMCON 2019 held at IIT Delhi, 16-19th December 2019
36. P. Umamaheswari S.V. Satyanarayana, B. Dilip Kumar and M. Rangarao, Extensive Study of Pore Diffusion Models in Understanding Pervaporation Process, International Conference on Energy & Environment: Challenges and Opportunities for Industries held at MNIT Jaipur, 28-29th December 2019.
37. M. Ranga Rao, G.Sameena Farheen, Suggala.V.Satyanarayana, G.B. Radhika, Micellar Enhanced Ultra filtration (MEUF) for Removal of Fluoride from Aqueous Water, International Conference on Energy & Environment: Challenges and Opportunities for Industries held at MNIT Jaipur, 28-29th December 2019.

38. M. Rangarao G.B. Radhika S.V. Satyanarayana, B. Dilip Kumar, Design and Fabrication of a Multipurpose Membrane Cell, International Conference on Recent advances in Chemical Engineering held at Osmania University, Hyderabad, 8-9th January 2020.
39. M. Ranga Rao, G.Sameena Farheen, Suggala.V.Satyanarayana, G.B. Radhika, Removal of Arsenic and Fluoride from Ground water - A Review, International Conference on Recent advances in Chemical Engineering held at Osmania University, Hyderabad, 8-9th January 2020.
40. D. Mrudala, S.V. Satyanarayana & Narisimulu, Studies on Bioremediation of Textile Effluent from Kalamkari Industries of Srikalahasti, A.P, International Conference on Recent advances in Chemical Engineering held at Osmania University, Hyderabad, 8-9th January 2020.
41. Pavan Bhausheb Udavant,, Chandrashekhar Devidas Upasani, Suggala Venkata Satyanarayana, Sanjay Jayprakash Kshirsagar, Evaluation of protective effects of *Cuscuta reflexa Roxb.* against FCA induced arthritis in rats, 4th International Electronic Conference on Medicinal Chemistry
42. Anitha P, Ramkanth S, Satyanarayana SV “Development and Optimization of Proniosomal delivery of Atenolol and Glibenclamide – Transdermal polypharmacy to treat chronic disease” in *International Conference on Health care and Technical Research (ICHTR) in Manipal Academy of Higher Education, Manipal*, 29 – 31 October, 2018.
43. Anitha P, Ramkanth S, Satyanarayana SV “Design and development of innovative combinational proniosomal transdermal delivery of Atenolol and Glibenclamide” in *International conference on advances in chemical biology and biologics*, in **CSIR–IICT, Hyderabad**, 28 February- 2 March, 2019.
44. Anitha P, Satyanarayana SV “Design and Optimization of Nano Invasomal Gel of Glibenclamide and Atenolol combination: *in vitro* and *in vivo* evaluation”, in

international e Conference on Expanding Frontier of Pharmaceutical Research towards Global Exigency, at **Karpagam College of Pharmacy, Coimbatore**, 15-16 October, 2020.

45. M Venkatasubbaiah, P Dwarakanadha Reddy, S V Satyanarayana, Analysis and Reporting of Adverse Drug Reactions at a tertiary care teaching Hospital, AICTE Sponsored International Conference 2019,APCON-19, ANCP, Rajampet, 9-10, August, 2019
46. M. Poojitha, A. Saravana Kumar, S.V. Satyanarayana, 1st International Conference on Development in Pharmaceutical Sciences (ICDPS-2k18), Presented **Oral Presentation** on “Gastroprotective Potency of Medicinal plant *Chloris Paraguaiensis Steud* on Chronic Ulceritis” held on 9th April 2018 at Scient Institute of Pharmacy, Hyderabad.
47. M. Poojitha, A. Saravana Kumar, S.V. Satyanarayana, International Conference on Trends in Engineering, Management, Pharmacy & Sciences (ICTEMPS-2018), Presented **OralPresentation** on “Gastroprotective Potency of Medicinal plants on Ethanol induced Ulcers” held on 21stApril 2018 at Geethanjali College of Engineering & Technology (GCET), Hyderabad

National Seminars / Conferences:

1. SV Satyanarayana, K Kameswararao, JMMishra, PHGedam, “Pervaporation of Ethanol-water and UDMH-water Mixtures” Presented in IMS 10th National Conference, BARC, Bombay, 19-21 January 1993
2. SV Satyanarayana, K Kameswararao, RRavindra, ASRKrishnamurthy, Preparation and Characterization studies of a Biopolymer: Chitosans and its derivatives” Presented in IICT Golden Jubilee Seminar on Eco-friendly Organic Coatings & Polymers, IICT, Hyderabad, 15-16 July 1994
3. SV Satyanarayana, K Kameswararao, RRavindra, Prem Raj Shah, AAKhan “Studies on the separation of Ethanol-water and Hydrazine-water Mixtures by pervaporation” Presented in IICT, Golden Jubilee Symposium on Advances in Chemical Engg, IICT, Hyderabad, 9-11 August 1994
4. SV Satyanarayana, DRavi Kumar “Membrane Separations Technology for Industrial Effluent Treatment”, Presented in National Seminar on ENAEP-98, BIET, Jhansi, April 1998

5. SV Satyanarayana, TVRaghavan, AV KoteswaraRao “Role of Solubility parameter and Interaction Parameter for choosing membrane in pervaporation process Presented in IChE National Conference, Chemcon –98 held at Visakapatnam during 19-20th December 1998
6. SKrishnaiah, SV Satyanarayana, GNarasimulu, “Mechanical Behaviour of MSW landfills” Presented in National conference MINAC-2000, JNTU College of Engineering Ananthapur, during 22-23 June, 2000
7. SVSatyanarayana, ASharma and PKBhattacharya, “Prediction of Partial fluxes during Pervaporative separation of Toluene- water, Presented in IChE National Conference, Chemcon -2001, held at CLRI, Chennai during 19-24, December, 2001
8. SVSatyanarayana, NHoda and PKBhattacharya, “Removal of Volatile organics from water by Pervapoartion: Optimization of Process Parameters using Real coded Genetic Algorithm” Presented in IChE National Conference, Chemcon -2001, held at CLRI, Chennai during 19-24, December, 2001
9. SVSatyanarayana, VSSubrahmanyam, ASharma, PK Bhattacharya, Positron Annihilation Technique for Free Volume Parameters of Pervaporation Dense Membranes, presented in IChE National Conference, Chemcon-2002, held at Hyderabad during 19-22nd December, 2002
10. Nazish Hoda, SV Satyanarayana and P K Bhattacharya, Pervaporative Separation of Hydrazine-Water Mixture through a hollow fibre module: Effect of number of Modules and its dimensions, presented in IChE National Conference, Chemcon-2004, held at The Grand Hyatt, Mumbai during 27-30 December, 2004
11. B Dilep Kumar, B Srinivas and SVSatyanarayana, Analysis of an equilibrium limited reaction in a packed bed with layered and mixed catalyst, presented in IChE National Conference, Chemcon-2005, held at IIT Delhi during 14-17 December, 2005
12. SV Satyanarayana and PDinesh Sankar Reddy, Rapid Prototyping Solid Waste as Membrane Material for Pervaporation Separation, Presented in national seminar on Solid Waste Management in Chemical and Allied industries, RVR & JC college of engineering, Guntur, during 18-19th August 2006
13. Nazish Hoda, N Ramgopal and SV Satyanarayana, An Explicit Solution for Concentration Polarization for Gas Separation in Hollow Fibre Membranes, presented in IChE National Conference, Chemcon-2006, held at Bharuch during 27-30 December, 2006

14. KSiva kumar, SG Siva Kumar, M Naresh Kumar and SV Satyanarayana, Analysis of Pervaporation Membrane Batch Reactor for Esterification Reaction, presented in IChE National Conference, Chemcon-2006, held at Bharuch during 27-30 December, 2006
15. N Ramagopal and SV Satyanarayana, Real Coded GA for Multi-objective Optimization of Removal Of VOCs from Waste Water Using Pervaporation Process, presented in National conference on Water and Waste Management, JNTU Kakinada during 23-24 April 2007
16. N Ramagopal, SV Satyanarayana and PKBhattacharya, Multi-objective Optimization of Pervaporation Process Parameters for the Removal of Volatile organics from Water” in Indian Chemical Engineering Congress, CHEMCON 2007, held at Kolkatta during 27-30 December 2007
17. KSiva kumar, and SV Satyanarayana, Modelling of Methane Steam Reforming in a Zeolite Membrane Reactor, presented in CHEMCON 2008 held at Chandighar during 27-30 December 2008
18. KSiva Kumar, and SV Satyanarayana, Non-isothermal Modelling and Simulation of Oxidative Coupling of Methane in A Perovskite Membrane Reactor, Novel separation and Purification techniques, sponsored by AICTE held at GMRIT, Rajam, 26-27th June 2009
19. M Ranga Rao and SV Satyanarayana, Separation of Pickling Solutions by Chemical Methods presented in Indian Chemical Engineering Congress, CHEMCON 2009 held at Vishakhapatnam during 27-30 December 2009
20. M Ranga Rao, S Sridhar and SV Satyanarayana, Separation of Spent Stainless Steel Pickling Solutions by Electrodialysis, presented in Indian Membrane Society, WATERS held at Baroda during 9-10 January 2010
21. B Venu babu, T Balanarasaiah, SV Satyanarayana, P Kanakaraju, Bingham Fluid Flow accepted for presentation in Indian Chemical Engineering Congress, CHEMCON 2009, held at Vishakhapatnam during 27-30 December 2009
22. Sudhanva M Desai, SV Satyanarayana and NCLN Charyulu “Biosorption of Chromium (VI) and monitoring by ANOVA, presented in Indian Chemical Engineering Congress, CHEMCON 2011, held at MS Ramaiah, Engineering College, Bangalore, during 27-29 December 2011

23. R Srikanth and SV Satyanarayana, "Carbon dioxide Separation Technologies: Use of Membranes" proceedings of international symposium on Effect of Emissions and Effluents on Environment, 98-99, 23rd -24th December -2011, Andhra University – Visakhapatnam, AP
24. Murad Basha, N Yasovardhan, SV Satyanarayana, GV Subba Reddy, P Padma Savitri, K Vishwa Prasad, A Vinod Kumar, RM Tripathi "Metal concentration in Cow Milk in the surrounding villages of Tummalapalle Uranium Mining site, AP, India" presented in Eighteenth National Symposium on Environment (NSE – 18) held at JNTUA College of Engineering, Anantapur on 11-12th March 2013
25. N Yasovardhan, A Murad Basha, SV Satyanarayana, GV Subba Reddy, P Padma Savitri, K Vishwa Prasad, A Vinod Kumar, RM Tripathi "Baseline Analysis of Trace Metals in Natural Soils around the New Uranium Mining Site, Tummalapalle, India" presented in Eighteenth National Symposium on Environment (NSE – 18) held at JNTUA College of Engineering, Anantapur on 11-12th March 2013
26. N Sudha Rani, N Ramgopal, SV Satyanarayana "Removal of VOC's from water by pervaporation under the influence of permeate side pressure build-up" presented in Eighteenth National Symposium on Environment (NSE – 18) held at JNTUA College of Engineering, Anantapur on 11-12th March 2013
27. T Gnanakumari, Suggala V Satyanarayana, P King, Biosorption of congo Red from Aqueous solution using Guava (*Psidiumguajava*) Leaf Powder: Equilibrium and Kinetic studies, presented in AP Science Congress held at Central University, Hyderabad on 14-16th November 2013
28. K Sunitha, SV Satyanarayana, S Sridhar, Pervaporation performace of NMP solvent dehydration through nano composite PEBA membrane presented in Indian Chemical Engineering Congress, CHEMCON 2013, held at Institute of Chemical Technology, Mumbai, during 27-30 December 2013
29. T Gnanakumari, Suggala V Satyanarayana, P King "Separation of Mixed Dyes by Using Thin Layer Chromatography", in One –Day Symposium on Remedies of Environmental Pollution: Current Perspectives, JNTUA College of Engineering Ananthapuramu on 30th April 2014
30. K Sunitha, SV Satyanarayana, S Sridhar, "*Synthesis and Characterization of PVA-Polyimide Blend Membrane for Dehydration of 1, 4-Dioxane by Pervaporation*" at CHEMCON-2009, Vizag during 27-30th December 2009

31. K Sunitha, SV Satyanarayana, S Sridhar, "Extraction of MTBE by Pervaporation Using Hydrophobic PEEK Hollow Fiber Membrane" at a National conference on Innovations in Chemical Engineering (ICE-2013), at BITS-Pilani, Hyderabad Campus held during 15-16th Novemeber 2013
32. Siva Kiran RR, Madhu GM, Shareef GA and Satyanarayana SV, Spirulina micronutrient in combating Protein Energy Wasting (PEW) and Protein Energy Malnutrition (PEM) among pediatric patients, National Conference on Advances in Perinatal and Pediatric Nutrition, 3-4 July 2014, St Teresa's College Ernakulam, Kerala, India
33. M Geeathavani, SV Satyanarayana, and JRReddy, "Synthesis, characterization, antimicrobial, analgesic and anti-Inflammatory activity of Stilbenes", presented in one day National Conference on Emerging Trends in Pharmaceutical Sciences, 22nd December, 2012, organized by the Department of Pharmaceutical Chemistry, Raghavendra Institute of Pharmaceutical Education and Research, Anantapur – 515721, AP, India
34. M Geethavani, S V Satyanarayana and JRReddy, "Synthesis, characterization, antimicrobial, analgesic and anti-Inflammatory activity of Quinoxalines", presented in the two day National level Seminar on Universal Perception of Pharmaceutical Research & Development on 3rd & 4th September, 2013, Organized by Pulla Reddy Institute of Pharmacy, Hyderabad in association with AICTE, New Delhi
35. M Geethavani, JR Reddy and SV Satyanarayana, "Analgesic and anti-inflammatory activity of biphenyl Quinoxalines, presented in the one day National level Seminar on Current Trends and Future Perspectives in Pharmacology and Pharmaceutical Research on 14th March, 2015, organized by the Department of Pharmacology, Raghavendra Institute of Pharmaceutical Education and Research, Anantapur – 515721, AP, India
36. Ch Krishnarao Yadav, PUmamaheshwari, Prashant Surywanshi, Rajesh Kumar, Shirish H Sonawane, Suggala V Satyanarayana "Carbon Supported Polyaniline-Cobalt-Platinum Bimetallic Catalyst for Polymer Electrolyte Membrane Fuel Cell (PEMFC) Applications", NCBOC, Coimbatore, 15th October 2015
37. Koteswara Rao J, Madhu GM, Satyanarayana SV and Venkatesham V: Photocatalytic degradation of methylene blue (MB) dye in water by gel combustion derived nano zinc oxide, at National Symposium on Remedies of Environmental Pollution: Current Perspectives, held at JNTUA College of Engineering, Ananthapuramu-515002, on 30th April 2014

38. SudhanvaMDesai, NCLN Charyulu, Dilip Kumar Behara and Suggala V Satyanarayana Adsorption of chromium (VI) on acid treated tamarind pod shell adsorbent: Statistical optimization, equilibrium, and dynamic studies, presented in CHEMCON-2016, Anna University, Chennai during 27-30th December 2016
39. K Mallikarjuna Rao, Chakka Gopinath, SVSatyanarayana, Assessment of Compatibility Of Vildagliptine and Valsartan Combination By Physical And Analytical Techniques As Per ICH Guidelines For Effective Management Of Diabetes And Hypertension, 68th IPC 2016, Vishakhapatnam
40. K Mallikarjuna Rao, Chakka Gopinath, SVSatyanarayana, Studies on inter relationship between dependent variables on independent variables by factorial design, 2nd Andhra Pradesh science congress, science and technology for health, 7-9 November 2016, Vijayawada
41. Anupam Kanti Bag, Chakka Gopinath, **SV Satyanarayana** Evaluation of *in vitro* Anti-Oxidant and Anti-Diabetic Potency of Hydroalcoholic extract of *Ipomea nil*, Andhra Pradesh Science Congress, Yogi Vemana University, Kadapa;9-11 Nov,2018
42. PSalomi, MPurushothaman, SVSatyanarayana, Development and Validation of a Bio-analytical Method for Determination of Mrthyclothiazide by RP-HPLC, Andhra Pradesh Science Congress, Yogi Vemana University, Kadapa;9-11 Nov,2018
43. Parepalli Srikanth, S Hemalatha, Suggala Venkata Satyanarayana “Preparation and Comparative Evaluation of Stomach Specific Diltiazem Hcl Floating Single and Multiple Units and It’s Radiographic Studies (Presented poster) APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP
44. P Srikanth, SV Satyanarayana, S Hemalatha Presented poster and **selected as best poster**, “Formulation of Floating Matrix Tablets With Combination of Amoxicillin Trihydrate And Ranitidine With Its Simultaneous Estimation & Clinical Evaluation” (Poster Presentation) at APP 7th Annual Convention & INDO - US Conference on “Modern Trends, Current Challenges and Future Scenario of Pharmaceutical Sciences and Technology” School of Pharmaceutical Sciences at Chennai, VISTAS dated on 27th July 2018
45. P Srikanth, S V Satyanarayana, S Hemalatha, “Development and Evaluation of A Novel Gastroretentive Floating Capsules of Diltiazem HCl With Modified Pulsincap Technology For Management of Hypertension Presented (ORAL presentation) International Conference on Trends in Engineering, Management, Pharmacy and

Sciences organized by Geethanjali College of Engineering and Technology, Hyderabad, India in association with Maranatha Skill Development Centre on 21 April 2018

46. P Srikanth, S,V Satyanarayana, S Hemalatha, secured the **best oral presentation** "Formulation And Evaluation Of Floating Capsules Of Diltiazem HCl With Modified Pulsincap Technology And It's Evaluation For In-Vivo Gastric Residence Time By X-Ray" at 1st International Conference On Development In Pharmaceutical Sciences conducted at Scient Institute of Pharmacy (SIP) Ibrahimpatnam, Hyderabad, on 9th April 2018
47. P Srikanth, S,V Satyanarayana, S Hemalatha, Poster and **got the best poster** "Development And Evaluation of Stomach Specific Diltiazem HCl Floating Single and Multiple Units" ICMR Sponsored National Seminar on "Quality Control and Standardization of Ethnopharmaceuticals in the Present Era" Centurion University of Technology and Management, CUTM, Bhubaneswar campus 5th March 2018
48. P Srikanth, SV Satyanarayana, YMadhusudan Rao, S Hemalatha, "Formulation & evaluation of floating matrix tablets with combination of a amoxicillin Trihydrate and ranitidine " (Poster), TEQIP-II sponsored International Conference on "Trends and Innovations in Chemical and Pharmaceutical Technologies (TICPT 2017)", Anna University BIT Campus, Tiruchirappalli, Feb 2-4, 2017
49. P Srikanth, S Hemalatha, SV Satyanarayana, K Bhaskar Reddy "Preparation And In-Vitro Evaluation of Quetiapine Fumarate Floating Osmotic Tablets for increased oral bioavailability" (Poster), 68Th Indian Pharmaceutical congress, Andhra University, Visakhapatnam,16-18 December 2016,
50. TS Ganesh, Hanuman Mallubhotla, SVSathyanarayana, "Improving product Quality and productivity through Multimodal Chromatography based process for the purification of Biotherapeutic Proteins', APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP
51. M Madhu, K Saravana Kumar, SV Satyanarayana, "Stability indicating UPLC method development and validation for estimation of safinamide in tablet dosage form", Interdisciplinary conference on Healthcare and Technical Research (ICHTR), Manipal University, Manipal, Karnataka, India, October 29th-31st, 2018

52. M Madhu, K Saravana Kumar, SV Satyanarayana, "Development and validation of UPLC method for the quantitative estimation of Apalutamide in bulk and its tablet dosage forms, APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP
53. M Nagendra Babu, Chakka Gopinath, S V Satyanarayana, "Development of Novel Mycobacterium tuberculosis DHPS-I Inhibitors and the Investigation of their Drug-likeness and Binding Preferences Using Molecular Docking", APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP
54. Vanitha, KBhaskar Reddy, SV Satyanarayana, "Stability indicating RP-HPLC method development & validation for estimation of Simeprevir by Quality by Design approach" National Conference on "Sustainable development with Pharmacological Research Innovations, JSS College of Pharmacy, Udagamandalam, The Nilgiris, Tamilnadu, India, Sep 28 &29, 2018
55. Vanitha, KBhaskar Reddy, SV Satyanarayana, "Development of selective Stability indicating RP- HPLC method through QbD approach for estimation of estimation of Sofosbuvir in bulk drug, International conference on trends in engineering , Management, Pharmacy & Sciences (ICTEMPS-2018), Geethanjali College of Engineering & Technology, Cheeryala, Keesara (M), Hyderabad, Telangana, India, April 21, 2018
56. Vanitha, KBhaskar Reddy, SV Satyanarayana, "Effects of variables on method response for stability indacting assay of Sofosbuvir API through QbD approach", DST-CURIE sponsored National Conference under phase –II (IPTCON-2018), Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh, India 21st &22nd March, 2018
57. C Vanitha, KBhaskar Reddy, SV Satyanarayana, Development and validation of a stability indicating RP-HPLC method for the estimation of Sofosbuvir API, National conference on Current trends in chemical and pharmaceutical sciences (CTCPS-2017), Sri Venkateswara University, Tirupati, 1st December 2017
58. M Venkatasubbaiah, P Dwarakanadha Reddy, S V Satyanarayana, "Drug Utilization Evaluation of Drugs Used in Hepatic Disorders, APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP
59. Ganesh T S , Hanuman Mallubhotla, S.V.Sathyanarayana, 'Improving product quality and productivity through Multimodal Chromatography based process for the

purification of Biotherapeutic Proteins', APSC 2018 conference, 9-11 Nov 2018, YVU, Kadapa, AP.

60. Ganesh T S , Hanuman Mallubhotla, S.V.Sathyannarayana, Indraneel Sanyal, 'Separation of Product Related Impurities Caused by Protein Clipping Using Poly(ethylenimine)-Grafted Chromatography Resin', Bioprocessing India 2018, 16-18 Dec 2018, IIT Delhi.
61. Anitha P, Ramkanth S, Satyanarayana SV “Development and optimization of proniosomal delivery of Atenolol and Glibenclamide: combinational transdermal delivery” in *National conference on Innovation in Pharmaceutical Education and research*, ANCP, Rajampet, February 05, 2019.
62. Anitha P, Satyanarayana SV “QBD based novel combinational nano invasomal gel of Atenolol and Glibenclamide: *in vitro* and *in vivo* studies”. *National conference on Pharma Scientia 2020 at PRRM College of Pharmacy, Kadapa, 8th & 9th January 2020.*
63. M Venkatasubbaiah, P Dwarakanadha Reddy, S V Satyanarayana, Pharmacoeconomic Evaluation Of Adverse Drug Reactions In A South Indian Tertiary Care Hospital, (best paper award) 10th PE & OR Conference, RIPER, Ananthapuramu, 22-23 Novemeber, 2019
64. M. Poojitha, A.Saravana Kumar, S.V.Satyanarayana, UGC Sponsored National Conference on “Current Challenges In Drug Discovery and Development (IPTCON-2017)”, Presented **Poster** on “Invitro Antioxidant studies on ethanolic extract of *Breynia vitis idaea* leaves” held on 6&7 February 2017 at Sri Padmavathi Mahila Visvavidyalayam, Tirupati.
65. M. Poojitha, A. Saravana Kumar, S.V. Satyanarayana, DST-CURIE Sponsored National Conference on “Innovative Research Trends In Drug Discovery (IPTCON-2018)”, Presented **Poster** on “Gastroprotective Effect of Fractionate extract of *Breynia vitis idaea* leaves” held on 21st& 22ndMarch2018 at Sri Padmavathi Mahila Visvavidyalayam, Tirupati.

Articles in Daily News Papers:

- ❖ Who says Rayalaseema has no prospects for growth, Indian Express, 15th December 2014.

Book Writing and Reports:

1. Written Chapter on Industrial Biotechnology for B.Sc Final year Students published by A.P Telugu academy
2. S.V. Satyanarayana, K. Kameswara Rao, R. Ravindra, A. A. Khan, “Separation of liquid propellant mixtures”, Interim report submitted to VSSC, Trivendrum
3. S.V.Satyanarayana, G.V. Subbareddy, P. Dinesh Sankar Reddy, V.D. Puranik, G.G. Pandit, R.M. Tripathi, A.Vinod Kumar, S.K.Sahoo, Current Perspectives on Environmental Protection, 18th National Symposium on Environment, BS Publications, Hyderabad (ISBN : 978-81-7800-287-3)
4. J. Koteswararao, G. M. Madhu, Suggala V Satyanarayana, Synthesis & Studies on PVA- nanometal filler composites, Lambert Academic Publications (2019)
5. Suggala V Satyanarayana, Sadhan Kumar Ghosh, Varadarajan, Chiranjeevi Bhattacharya, Emerging Technologies for Waste Valorization and Environmental Protection, Springer Nature, 2020

Other Experiences:

Key note/Invited/Guest lectures:

Invited Lectures in Conferences:

International

1. Presidential Address is Delivered in Inaugural function of Shri DhirubhaiAmbhani Commemoration day and International Conference on Energy and Environment: Challenges and Opportunities in Industries at MNIT Jaipur during 28-29thDecember 2019
2. Presidential Address is Delivered in Inaugural function of CHEMCON 2019, International Conference , held at IIT Delhi during 15-19th December 2019
3. Delivered an invited lecture on “**Pervaporative Separation of VOC-Water Mixtures: A Socio Economic Perspective**” in International Conference on Membrane Technology and it’s Applications (MEMSEP 2017), NIT- Tiruchirappalli during 21-23rd February 2017

4. Delivered an invited lecture on ***“A Journey towards Excellence in Cement Quality with Particle Size Distribution”*** in International Seminar on Frontiers of Ceramic and Material Technologies for cement Industries, PDA College of Engg, Gulbarga, 17-18th November 2014
5. Delivered an invited lecture on **“GREEN ENVIRONMENT: MEMBRANE SEPARATION PROCESSES”** in International conference on Green Technologies for Environmental Pollution Prevention and Control (ICGTEPC), National Institute of Technology, Tiruchirappalli, India during 27-29 September 2014
6. Delivered an Invited lecture on **“Multiobjective Optimization for Removal of VOCs from Aqueous Solutions by Pervaporation”** in Two day international Conference on Computational Systems in Engineering & Technology, at Sri Venkatswara College of Engineering, Chennai, during 7-8th March 2014
7. Delivered an Invited lecture on **“Mass Transfer Mechanism through Pervaporation”** in three day DAE-BRNS theme meeting on “Membrane Separations for fuel Cycle Applications (MEMSEP-2013”) seminar at BARC, Mumbai during 16th – 18th September 2013
8. Delivered an invited talk on **“Applications of Membrane Separation Processes for Clean Environment”** in 6th International Congress on Environmental Research (ICER) held at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra during 19-21st December 2013
9. Delivered an invited talk on **Separation of hydrazine-water by pervaporation** presented in IChE & AIChE First Joint Conference, Chemcon-2004, held at The Grand Hyatt, Mumbai during 28-30nd December, 2004

National

10. Delivered an Invited lecture on **“Application of Membrane Technology for Green Environment”** in one day National Seminar on Clean Energy & Green Environment organized by University College of Technology, Osmania University, Hyderabad , 28th February 2012.
11. Delivered an Invited lecture on **“Dehydration of Hydrazine Hydrate by Pervaporation”** in Two day National Seminar on Advances in Polymeric Materials (APM-2012) organized by Department of Polymer Science & Technology, Sri Krishnadevaraya University, Anantpur during 16th -17th March 2012.

12. Delivered an Invited lecture on “**Membrane Technology for Clean Environment**” in Workshop cum Eighteenth National Symposium on Environment (NSE – 18) in collaboration with BARC, Mumbai during 11-13th March 2013 at Department of Chemical Engineering, JNTUACE, Ananthapuramu.
13. Delivered an Invited lecture on “**Removal VOC’s from waste water by using Pervaporation**” in one day seminar on Advances in Membrane Processes and Materials under the aegis of Indian Membrane Society at MS University, Baroda on 6th April 2013.
14. Delivered an Invited lecture on “**Economic Studies for Removal of VOCs from Aqueous Solutions by Pervaporation**” in three day technical fest TechnOsmania, 26-28th March, 2014, TEQIP sponsored program at College of Technology, Osmania University, Hyderabad.
15. Delivered an Invited lecture on “**Separation of liquid mixtures by pervaporation: An overview**” in two day conference on National Seminar on Advances in polymer Science & Technology-2014, UGC sponsored program at SK University Anantapuramu on 21-22nd June 2014.
16. Key note lecture on “**Research Culture and Funding Agencies**” a two day conference on Recent Advances In Power, Industrial Drives And Energy Evolutionary Technologies” Organised by EEE department of BVRIT, Hyderabad during 24-25th October 2016
17. Delivered lecture on “**Innovations in Novel Separations**” in National Seminar on “Novel Separation Technologies Organised by Chemical Engineering Department, RGUKT, Nuzivedu, Jan 25, 2016
18. Delivered an invited lecture on “**Nuclear Energy: A Sustainable Climate Change Solution**” in Two day National Conference on Environment and Climate Changes: Issues and Challenges (ECCIC -2017), Department of Physics, Sri Krishna Devaraya University, Anantapur during 10-11th March 2017.
19. Delivered lecture on “Membrane Separation Processes for Green Environment” in Online Summer internship -2021 on Zero Liquid Discharge Management, conducted by IChE Kolkatta on 6th June 2021

Invited Lectures in Faculty Development Programs and Workshops Supported by Funding Agencies

20. Delivered an Invited lecture on **Pervaporation** in summer school on “Membrane Separation Science and Technology” AICTE sponsored program, Jadavapur University, Calcutta during 16th June, 1997 to 28th June, 1997.
21. Delivered an Invited lecture on **Pervaporation: a Novel Separation Technique** in Refresher course on Polymer Science, UGC sponsored , SKU, Anantapur, 12th September 2005
22. Delivered an invited lecture on “**Membrane Materials, Preparation, and Application**” in Refresher course on Polymer Science, UGC sponsored , SKU during 28th September to 18th October 2007
23. Delivered an invited lecture on “Separation of Hydrazine Hydrate by Pervaporation” AICTE Staff Development Program on “Advances in Separation Techniques as applied to Industry” at Padmasri Dr. B.V. Raju Institute of Technology, Narsapur, Medak during 22nd June to 04th July 2009
24. Delivered an invited lecture on “**Bio- fuels – Alternative Energy** ” in 15 day (19th April -1st May 2010) AICTE staff development program on “Evolving Challenges in Energy and Environment” organized by Department of Chemical Engineering, GMRIT on 24th April 2010
25. Delivered an Invited lecture on “**Membrane Separation Process as Clean & Cleaning Technology for Cleaner Environment**” in AICTE-Staff Development Program on Clean Process Technologies organized by Department of Chemical Engineering, GMRIT, Rajam during 2nd – 14th April 2012.
26. Key note lecture on “**Applications of Pervaporation Process in Biotechnology**” a two day workshop on Recent trends in Downstream processing under UGC organized by Department of Biotechnology, JNTUACE, Pulivendula during 4-5th January 2012
27. Delivered an Invited lecture on “**Nanotechnology for Process Intensification**” in two day workshop on “Nanotechnology: A Fuel for Chemical Industry”, AICTE sponsored program at RVR&JC, Guntur on 20-21st September 2013.
28. Delivered lecture on **Smart innovation in Chemical Sciences**, in one day Workshop on Smart Innovations in Science & Technology, UGC sponsored program at JNTUACE Anantapuramu on 21 April 2015.
29. Delivered lecture on “**Membrane Separation Processes for Cleaner Environment**” in AICTE Sponsored Two Week Faculty Development Programme on Environmental

pollution – causes, effects and control strategies (EPCECS) Organised by Civil Engineering Department, Sree Vidyanikethan Engineering College, June 08-20, 2015

30. Delivered a lecture on “**Genetic Algorithms**” in a Two week AICTE FDP on **Thermodynamics & its Applications**, Chemical Engineering Department, JNTUACEA 20-25rd January 2021
31. Delivered a lecture on “**Phase Equilibrium**” in a one week AICTE FDP on Thermodynamics & its Applications, Mechanical Engineering Department, JNTUACEA 20-25rd January 2021
32. Delivered a lecture on **Waste Management: Challenges and Opportunities**, in a AICTE six days FDP-“Laboratory and Workshop Learning Skills in Conducting Practical Classes” Chemical Engineering Department, JNTUACEA 15-20th February 2021
33. Delivered a lecture on “**Laboratory and Workshop Waste Management**, in a AICTE six days FDP-“Laboratory and Workshop Learning Skills in Conducting Practical Classes” Chemical Engineering Department, JNTUACEA 15-20th February 2021
34. Delivered an invited lecture on **Membrane Technology: Environmental Friendly** in work shop on Innovative Environmental Technologies, TEQIP Sponsored program, JNTU College of Engineering Anantapur, 9-10 March 2007
35. Delivered an invited lecture on “**An Overview of Research Methods and Methodologies**” in one day academic exchange program on Formal and Web based methodologies for effective research, TEQIP Sponsored program, Department of Mechanical Engineering, JNTUCE Anantapur on 23rd March 2009
36. Delivered an lecture on “**Genetic Algorithms for Research Applications** ” in one day academic exchange program on Formal and Web based methodologies for effective research, TEQIP Sponsored program, Department of Mechanical Engineering, JNTUCE Anantapur on 23rd March 2009

Invited Lectures in Faculty Development Programs and Workshops Self Supported

37. Delivered Invited lecture on “**Removal of Volatile Organic Components from Waste Water using Pervaporation**”, in work shop on Pollution Control Methodology, MVGR College of Engineering, Vizianagaram, 18th March 2006

38. Delivered an invited lecture on **Process Intensification: Membrane Reactors** in workshop on Advances in Chemical Engineering, Vignan Engineering College, Guntur, 5-8 June 2007
39. Delivered an invited lecture on “**Nanotechnology: Scientific Challenges, Social Benefits and Risks**” in a workshop on Nanotechnology at GMRIT, Rajam during 22-23 February, 2008
40. Delivered an invited lecture on “**Multi-objective Optimization of Pervaporation Process: Removal of Volatile Organics from Water**” in one week (25-30th June 2010) faculty development program organized by Chemical Engineering Department, Siddaganga Institute of Technology, Tumkur, on 25th June 2010
41. Delivered an invited lecture on “**Effect of Environmental Pollution on Climate Change**” in one day workshop on “Climate Change Adaptation and Mitigation” organized by A.P. Pollution control board, Kurnool on 3^{0th} October 2010.
42. Delivered an Invited lecture on “**Application of Membrane Separation Processes in Environmental Problems**” in Two day National Workshop on Environmental Pollution and Impacts on Public Health and Agriculture (EPPA-2012) organized by Department of Physics, Sri Krishnadevaraya University, Ananthapuramu during 21st - 22nd February 2012.
43. Delivered an Invited lecture on “**Overview of Membrane Separation Process**” and **Mass transfer Mechanism & Applications of Pervaporation**” in Five day National Workshop on Advances in Separation Process organized by Department of Chemical Engineering, Gayathri Vidya Parishad College of Engineering (Autonomous), Vishakhapatnam during 12th -16th March 2012.
44. Delivered an Invited lecture on “**Applications and Mass Transfer Mechanism of Pervaporation Process**” in one day workshop on Nanomaterials and Novel Separations organized by Department of Chemical Engineering, M.S. Ramaiah Institute of Technology, Bangalore on 29th March 2012.
45. Delivered lecture on **Overview on assignments** in one day Didactical Program on Crafting Powerful questions organised by JNTUACEA, 16th July 2016
46. Delivered an invited lecture on “**Research Culture and Funding Opportunities**” in a one week workshop (18-23rd September 2017) on Research Methodology organised by Eswar College of Engineering, Narasaraopet, Andrapradesh on 23rd September 2017.

47. Delivered an invited lecture on "**Assignments**" Translational Models in Teaching and Research: A way to build socially sensible Pharmacists" during 10th-12th August 2018 ROPER, Anantapuramu.
48. Delivered an invited lecture on "Impact of **Assignments in Continuous Education** " Continuing Education Program on Integrating Pharmacy Education, Practice & Research: Bridging the Gap" during 21-23rd March 2019, Annamacharya College of Pharmacy. Rajampet.
49. Delivered a lecture on "**How to Write Research Proposal**" in a one week Class work (20-26rd June 2019) on Research Methodology organised by Directorate of Research & Developments for PhD students .
50. Delivered a lecture on "**Separation of Liquid Mixtures By Pervaporation: Challenges and Opportunities**" in a Five Day FDP on Recent Innovations and Developments in Membrane Technology, NITAP, Tadepalligudam 26-30th October 2020

Awareness Lectures in NSS Programs

51. Delivered an invited lecture on "**Solid Waste Management**" in one week NSS program by Department of Management, JNTUA, Anantapur at Prasannayapalli, Ananthapuramu
52. Delivered an invited lecture on "**Environmental Pollution – Waste Management**" in One Week training & Orientation Program for NSS officers Organised by Training Centre, NSS, Andhra University in association with NSS cell, JNTUA Anantapuramu during March 18th to 25th , 2014.
53. Delivered Invited lecture on "**Green Technologies for Prevention of Ozone Layer Depletion**" to NSS volunteers on Ozone Day (16th September 2017) organised by NSS Unit, JNTUA Anantapuramu
54. Delivered Invited lecture on "**Role of Technology in Environmental Protection**" to NSS volunteers on Environmental Day (5th June 2021) organised by NSS Unit, JNTUACE Anantapuramu

ii) Key note Lectures

1. Key note Speaker, National Conference for Chemical Engineering Students, Dr SGIT, Markapur 29th March 2007
2. Key note Speaker, CHEMZEAL-Best B.Tech Project competition, SRTIST, Nalgonda. 4th April, 2007.
3. Key note Speaker, National Conference for Chemical Engineering Students, Dr SGIT, Markapur 3rd April 2008
4. Key note Speaker, National Conference for Chemical Engineering Students, Dr SGIT, Markapur 7th March 2009
5. Key note Speaker, 3days workshop on “Entrepreneurship Awareness Camp” at INTELL Engineering college, Anantapur during 6-8 August 2010
6. Key note lecture on “**Role of Separation Processes for Societal problems**” a two day conference on National Level Chemical Engineering Meet, CHECK 2014 organized by Department of Chemical Engineering, RVR & JC College of Engineering, Guntur during 13-14th August 2014

iii) Guest Lectures

- 1 Delivered guest lecture on **Separations: Perspectives/Process designer**, at Bapla Engineering College, Bapla, 18th March, 2004.
- 2 Delivered guest lecture on **Basic Principles of Pervaporation**, at Vignan Engineering College, Vadlamudi, Guntur, 19th March, 2004
- 3 **Delivered lecture on Basic Principles of Pervaporation, at Vignan Engineering College, Vadlamudi, Guntur, 19th March, 2004**
- 4 Delivered guest lecture on **Overview of Membrane Separation processes**, at GMRIT, Rajam 19th March, 2006.
- 5 Delivered lecture on “**Separation of Gases and Liquid Mixtures Using Zeolite Membranes**” at CTI, BHEL, Bangalore on 5th March, 2008.
- 6 Delivered a Guest Lecture on “**Mass Transfer Mechanism in Pervaporation**” organized by IChE student chapter, Chemical Engineering Department, NIT, Warangal on 24th April 2012

- 7 Delivered a Guest Lecture on “**Research Requirements in Science & Technology**” at Lords Institute of Technology on 24th October 2016
- 8 Delivered Guest lecture on “**Membrane Processes for Smart Innovations**” at SSN College of Engineering, Chennai on 6th July 2017
- 9 Delivered Guest lecture on “**Applications Of Membrane Processes For Clean Environment**” at RVR & JC College of Engineering, Guntur on 1st July 2017

Panel Discussion

Panel Speaker, Challenges, Threats & Opporunities in Chemical Engineering & Allied Areas, International Conference on Recent advances in Chemical Engineering held at Osmania University, Hyderabad, 8-9th January 2020

Panel Speaker, Chemical Engineering Prospects – Post Covid 19, IChE CRC & AC Tech Alumni Association 26th September 2020

1) Chairing Technical Sessions/Chief Guest

i) International Conference

1. Chairing Technical Session in International Conference CHEMCON 2020 held at Hyderabad during 27-29th December 2020.
2. Chairing Technical Session in International Conference on Energy & Environment: Challeenges and Opportunities for Industries held at MNIT Jaipur during 28-29th December 2019.
3. Chairing Technical Session in 8th International Conference on Sustainable Waste Management organized by Swachh Andhra Corporation, Govt. of AP under the aegis of International Society of Waste management, Air and Water at Acharya Nagarjuna University during 22-24th Nov 2018.
4. Chairing technical session in CHEMCON 2014, Panjab University, Chandigarh during 27-30 December, 2014

5. Chairing technical session on solid waste management in “CHEMCON-2013” held at Institute of Chemical Technology, Mumbai during 27-30th December 2013.
6. Chairperson for the Technical Session in International Congress of Environmental Research (ICER) held at University of Terengganu, Malaysia during 22-24th Nov 2012
7. Chairing technical session Thermodynamics, Reaction Engineering & Separation in “CHEMCON-2011” held at M.S. Ramaiah Institute of Technology, Bangalore during 27-29th December 2011
8. Chairing technical session in CHEMCON 2006, Bharuch during 27-30 December, 2006.

ii) National Conference

1. Chairing technical session in National symposium on Advances in Chemical Engineering, College of Technology, Osmania University, Hyderabad during 22-24 November 2007
2. Judge for Technical paper presentation in the Vigan’s Quest -2005 at Vignan Engineering College, Vadlamudi, Guntur, 8th January, 2005.
3. Chairing technical session in National Seminar on Solid Waste Management in Chemical and Allied industries, RVR & JC College of engineering, Guntur, during 18-19th August 2006.
4. Chairing technical session in two day conference on National Seminar on Advances in polymer Science & Technology-2014, UGC sponsored program at SK University Anantapuramu on 21-22nd June 2014.

iii) President/Guest Honour – International

1. President, SCHEMCON 2019, held at SRICT, Ankuleswar, 17-18th October 2019
2. President, CHEMCON 2019, held at IIT Delhi 16-19th December 2019
3. President, Shri Dhirubhai Ambhani Commemoration Day and International Conference on Energy & Environment: Challenges and Opportunities for Industries held at MNIT Jaipur, 28-29th December 2019.

4. Guest of Honour “SCHEMCON 2016” Organised by Chemical Engineering Department of BVRIT, Hyderabad during 10-11th September 2016
5. Guest of Honour, One day National Seminar, Role of Chemical Engineering in Nation Building by IChE HRC Regional center at NFC, Hyderabad, 21st February 2019.
6. Guest of Honour, International Conference on Recent advances in Chemical Engineering held at Osmania University, Hyderabad, 8-9th January 2020
7. Guest of Honour, SCHEMCON 2020 Kolkatta, 10-11th October 2021

Chief Guest for Varous Programs Conducted Private Institutions

8. Chief Guest, “Indian Institute of Chemical Engineers (Student Chapter)” organized by Kongu Engineering College, Erode during 18th July 2009.
9. Chief Guest, “CONGREATE -2010” a National Students conference organized by GATE Engineering College, Kodada, during 9th April 2010.
10. Chief Guest, Entrepreneur awareness camp, jointly organized by Intell Engineering College, Anantapur and APITCO, during 6-7th August 2010.
11. Chief Guest, Regional Conference on “Growth of R&D in Engineering Institutions” being organized by the Civil Engineering Department of G.Pulla Reddy Engineering College, Kurnool on 28th January 2016
12. Chief Guest, Two-Day National Level Workshop on “NBA Accreditation” Organized by NBA Cell of Madanapalle Institute of Technology & Science, Madanapalle during 9-10 Oct 2015
13. Chief Guest, Two – Day National Conference on “Recent Advances In Power, Industrial Drives And Energy Evolutionary Technologies” Organised by EEE department of BVRIT, Hyderabad during 24-25th October 2016
14. Chief Guest, One day National Seminar, Chemical Engineering – Journey Ahead, Organised by IChE Amaravati Regional Center at RGUKT Nuzivedu, 24th February 2019.
15. Chief Guest, One Day Industry Institute interaction program, Heritage Institute of Technology, Kolkatta, 1st March 2019

Conferences/Workshops Organised:

1. Member, National Organising Committee, Shri Dhirubhai Ambhani Commemoration Day and International Conference on Energy & Environment: Challenges and Opportunities for Industries held at MNIT Jaipur, 28-29th December 2019.
2. Member, National Organising Committee, CHEMCON 2019 held at IIT Delhi, 16-19th December 2019
3. Member, National Organising Committee, SCHEMCON 2019 held at SRICT, Ankuleswar, 17-18th October 2019
4. Coordinator, Two Week AICTE Sponsored faculty Development Program on Recent Innovations in Unit Operations for Pharmaceutical Industries, during 20th November to 2nd December 2017
5. Member, National Organising Committee, SCHEMCON 2016 held at BVRIT, Hyderabad 10-11th September 2016
6. **Convener**, Two week orientation program On Research Methodologies and Intellectual Property rights, organized by JNTUA Anantapuramu, 13-25th June 2016
7. **Chief Organiser**, Assessment of the State of Art in Chemical Engineering Science, 1st South Indian Convention of Chemical Engineering Students, Jointly organised by Chemical Engineering department, JNTUACE & SHAR, Sriharikota, 7th August 2015 and 22nd February 2016
8. **Convener**, Research Methodologies, organized by JNTUA Anantapuramu, 15-20th June 2015
9. **Convener**, Remedies of Environmental Pollution: Current Perspectives, organized by Chemical Engineering Department, JNTUACE Anantapuramu, 30th March 2014.
10. **Member - Core Committee – Organizing Committee**, 6th International Congress of Environmental Research – 2013 (ICER – 13) during 19 – 21 December 2013 at Aurangabad.
11. **Chairman, Symposium Organising Committee and Convener, Local Organising Committee** Workshop cum Eighteenth National Symposium on Environment (NSE – 18) in collaboration with BARC, Mumbai during 11-13th March 2013 at Department of Chemical Engineering, JNTUACE, Anantapur.

12. **Coordinator**, One day workshop on Corporate Communication for Placements Success, for placement officers under JNTUA, , 28th March 2012
13. **Coordinator**, One day workshop on Rajiv Yuva Kiranalu for Principals of Constituent/Affiliated Colleges of JNTUA on 15th February 2012, organised on behalf of Government of Andrapradesh
14. **Coordinator**, One day workshop on “Importance of Campus Placement Training for Students in Technically Driven Society” for placement officers under JNTUA, 23rd September 2011
15. **Coordinator**, One day workshop on “Service Oriented Architecture & Cloud Computing” by TCS Company, organised by JNTUA, 26th July 2011
16. **Coordinator** - Job-Fair on 2-3rd June 2011
17. **Coordinator**, 2-day Academic exchange program on Membrane Technologies, March 30-31, 2009
18. **Coordinator**, Workshop on Awareness of Resources Available in Chemical Engineering departments of TEQIP Networking Institutes, December 22, 2007
19. **Chairman**, National conference on Applications of Bioprocess Engineering in Industries, March 16-17, 2007
20. **Chairman**, National Symposium on Innovative Environmental Technologies March 9-10, 2007
21. **Chairman**, National Level students technical meet, ENRICH 2007, March 4, 2007
22. **Chairman**, Workshop on Advances in Chemical Engineering, February 23-24, 2007
23. **Organising Secretary** – 2nd Annual session of Student’s Indian Chemical Engineering Congress, SCHEMCON 2006, 15-16th September 2006
24. **Coordinator** – Work shop on Biotechnology & Bio-separations, 16-18th February 2006
25. **Chairman**- Work shop on Aspen Plus and its Application, 18-19th November 2005
26. **President** - National level student’s seminar, FUSION-2009 (September 2009)
27. **President** - National level student’s seminar, FUSION-2008 (September 2008)

28. **President** - National level student's seminar, FUSION-2007 (August 2007)
29. **President** - National level student's seminar, FUSION-2005 (September 2005)
30. **Convener** - National level student's seminar FUSION-2004 (August 2004) conducted at JNTU.
31. **Convener** - National level student's seminar, FUSION-2000 (April'2000) conducted at JNTU.
32. **Convener** - National level student's seminar, FUSION-99 (April'1999),
33. **Member** – International conference on New Dimensions in Chemistry & Chemical Technologies- Applications in Pharma Industry, organised by Centre for Chemical Sciences & Technology, IST, JNTU Hyderabad during 23-25 June 2014
34. **Member** – Technological Innovations and Economic Growth – India's Emerging Role, 29th Engineering Congress, to be hosted by IE, AP State Centre in December 2014 at Hyderabad

Community Services Programs:

1. Chairman, community service program on Energy, Environment and water conservation conducted in Lalita Kalaparishth, Anantapur on 26th September 2007.
2. Chairman, Solid Waste Ecological Enhancement Program (SWEEP), Obulapuram Village, Bukkaraya Samudrum (Mandal), Anantapur, 6th August 2007.
3. Chairman, Community service program on "Fruit collection, packing, processing and transportation" at Papampalli village, Atmakaur, Anantapur district on 12th Oct 2008.

Assessment/Accreditation/Advisory Process:

1. Council Member, AICTE, New Delhi 2019
2. Expert Member, Task force committee of Andhra Pradesh Pollution Control Board, 21st January 2016 to till date
3. Member, APRCET 2020, Govt. of AP

4. Expert member, Anantapur district level environmental Assessment committee Member, Department of Mines and Geology, Govt. of Andhra Pradesh October 2016 to 2018
5. Member, Admissions Committee, ECET-2017
6. Member, Common Entrance Examination, EAMCET 2016
7. Member, Review of Project proposals, DST
8. Member, Expert Committee, Granting Autonomous Status, UGC
9. Member, Expert Committee, National Board of Accreditation (NBA), Govt of India, New Delhi
10. Member, Expert Committee, All India Council for Technical Education (AICTE), Govt of India, New Delhi
11. Member, Expert Committee, Department of Scientific and Industrial Research (DSIR), Govt of India, New Delhi
12. Convenor and Member in the University fact finding committee to give university affiliations
13. Member in Governing Councils of various colleges
14. Member in the Advisory Committee, National Symposium on “MEMS, NEMS and Nano Engineering” organised by GMRIT during 8-9th August 2008.
15. Member in the Advisory Committee, National Symposium on “International Conference on Recent Advances in Engineering Sciences organised by MSRIT, Bangalore to be held during 4-5th September 2014.
16. National Advisory Committee, SCHEMCON 2016
17. Member, Advisory Committee, Innovation and Entrepreneurship Development Centre, SVCE, Tirupati
18. Member, Research Advisory Board, Annamacharya College of Pharmacy, Rajampet,

19. Member, National Advisory Committee, 2nd International Conference on Recent Advancements in Chemical, Environmental & Engineering (RACEEE-2017), SSN College of Engineering, Tamilnadu
20. Member, Scientific Committee, An International Conference on Separation Technologies in Chemical, Biochemical, Petrochemical and Environmental Engineering, Technoscape¹⁶, VIT, Tamilnadu
21. Member, National Advisory Committee, CHEMCON 2016
22. Member, National Advisory Committee, CHEMCON 2019
23. Member, National Advisory Committee, National Conference on Sustainable Research in Energy and Environment SREE 2020, NIT Jalandhar
24. Member, National Advisory Committee, International conference on Recent Advancement in Process Engineering and Technology (**RAPET – 2019**) dated 23rd ~ 24th September, 2019, HIT, Haldia
25. Member, National Advisory Committee, CHEMCON 2020
26. Member, National Advisory Committee, National Conference on Sustainable Research in Energy and Environment SREE 2021, NIT Jalandhar
27. Member, National Advisory Committee, **National Conference on Current & Emerging Process Technologies, e-Concept 2021, Kongu Engineering College, Erode, Feb 2021**

Faculty Recruitment

Expert in Faculty Recruitment of Andhra University, Vishakapatnam, Osmania University, Hyderabad, Veer Surendra Sai University of Technology, Burla, Odishais, RGUKT Basara, SVU Tirupati, NIT AP Tadepalligudam

Editorial Board and Reviewer:

1. Member, Editorial Advisory Board, International Journal of Environmental Research & Management (JERAD).
2. Member in Editorial Board, Research Journal of Engineering and Technology.
3. Member in Editorial Board, Antarctica Journal of Chemical Engineering.

4. Member in International Journal of Biological Sciences and Engineering.
5. Reviewer for Journal of Hazardous Materials (Elsevier Journal).
6. Reviewer for Journal of Membrane Science (Elsevier Journal).
7. Reviewer for Separation & Purification Technology (Elsevier Journal).
8. Reviewer for Separation Science & Technology (Taylor & Francis).
9. Reviewer for European Journal of Lipid Science (Wiley).
10. Reviewer for Chemical Engineering Journal (Elsevier Journal).
11. Journal of Chemical Engineering and Materials Science (Academic journals).
12. Evaluated a project titled “Development of enantio-selective membrane and enzymatic membrane reactor for racemic resolution”, from the Indo-French Centre for the promotion of advanced research.
13. Member of Editorial Board, 8th International Conference on Sustainable Waste Management organized by Swachh Andhra Corporation, Govt. of AP under the aegis of International Society of Waste management, Air and Water at Acharya Nagarjuna University during 22-24th Nov 2018.
14. Reviewer of many Project Funding Agencies.

Adjudicator of PhD Thesis of IIT Kharagapur, IIT Guwahati, NIT Jalandhar, NIT Trichy, NIT, Jaipur, Anna University, Osmania University, JNTU Hyderabad, Andhra University, SV University, Nagarjuna University, Annamali University, MIT Manipal, Dravdian University, Kuppam, Jadvapur University, Kolkatta

Memberships in Professional Societies:

1. Fellow, Andhra Pradesh Akademi of Sciences (FAPAS)
2. Fellow - Indian Institute of Chemical Engineers (LF-13584)
3. Life Member - Indian Membrane Society (LMIMS)
4. Life Member - Indian Society for Technical Education (LMISTE)
5. Fellow – Institution of Engineers (FIE) (F-115534/9)
6. Member – European Membrane Society

7. Fellow of the Journal of Environmental Research and Development (JERAD), F/387/12.
8. Life Member - Association of Separation Scientists and Technologists (ASSET)
9. Life Member – Indian Desalination Association
10. Member – Global Economic Progress & Research Association

General Education Curriculum Development:

1. Chairman, Board of Studies, PG Food Technology, JNTUA Anantapur from November 2020 to till date
2. Chairman, Board of Studies, Chemical Engineering, JNTUA Anantapur from August 2019 to till date
3. Chairman, Departmental Research Committee, Biotechnology, JNTUA Anantapuramu from July 2019 to till date
4. Member, Departmental Research Committee, Chemical Engineering, JNTUA Anantapuramu from July 2019 to till date
5. Member, Departmental Research Committee, Pharmaceutical Sciences, JNTUA Anantapuramu from July 2019 to till date
6. Convener & Subject Expert, Engineering Curriculum Development Committee, APSICHE, 2018
7. Chairman, Research Advisory Committee, Pharmaceutical Sciences, JNTUA Anantapuramu from January 2017 to July
8. Chairman, PG Board of Studies, Biotechnology, JNTUA Anantapur from November 2016 to August 2019
9. Chairman, UG Board of Studies, Biotechnology, JNTUA Anantapur from November 2016 to August 2019
10. Chairman, PG Board of Studies, Chemical Engineering, JNTUA Anantapur from July 2014 to November 2016
11. Chairman, UG Board of Studies, Chemical Engineering, JNTUA Anantapur from March 2013 to November 2016

12. Member, UG Board of Studies, Chemical Engineering, JNTUHCE Hyderabad from Nov 2014 to till date
13. Chairman, PG Board of Studies, Chemical Engineering, JNTUA Anantapur from March 2010 to July 2012.
14. Chairman, Board of Studies, Chemical Engineering, JNTUA College of Engineering (Autonomous) Anantapur from June 2005-Jan 2010.
15. Member, Board of Studies, Chemical Engineering JNTU Hyderabad from June 2005 to August 2008.
16. Member, Board of Studies, Vignan University, Guntur from 2009 to till date.
17. Member, Board of Studies, Kongu Engineering College, Erode from April 2009 to May 2011.
18. Member, Board of Studies, Sri Krishna Devaraya University, Anantapur from August 2009 to May 2011.
19. Member, Board of Studies, M. S. Ramaiah Institute of Technology, Bangalore affiliated to Visvesvaraya Technological University, Belgaum from July 2010 to May 2013.
20. Member, Board of Studies, Bapla Engineering College, Bapla Affiliated College to Nagarajuna University, Guntur from November 2010 to April 2013.
21. Member, Board of Studies, Sri Venkateswara University, Tirupati, from December 2010.
22. Member, Board of Studies, Petroleum Engineering, JNTUH, Hyderabad from March 2012 to till date
23. Member, Board of Studies, GMRIT, Rajam from August 2012 to till date
24. Member, Board of Studies, BVRIT, Narasapur, from August 2014 to till date
25. Member, Board of Studies, KSRM, Kadapa from August 2014 to till date
26. Member, Board of Studies, RVR&JC CE, Guntur from October 2014 to till date

27. Member, Board of Studies, M. S. Ramaiah Institute of Technology, Bangalore affiliated to Visvesvaraya Technological University, Belgaum from June 2015 to till date (VTU Nominee)
28. Member, Board of Studies, RGUKT, Basara from November 2015 to till date
29. Member, Board of Studies, SIT, Tumkur 2016
30. Member, Board of Studies (Petroleum Engg), JNTUH Hyderabad, May 2016 – till date
31. Member, Board of Studies, RGUKT, Idupalapai from March 2016 to till date

Foreign Visits:

- ❖ Training on Zeolite fabrication activities at University of Minnesota, Twin cities campus, Minneapolis, USA in Prof. Michael Tsapatsis group during 10-25 January 2008.
- ❖ Visited University of North Western, Chicago, USA on 28th January 2008.
- ❖ Visited University of Illinois, Chicago, USA on 29th January 2008.
- ❖ Visited Asian Institute of Technology, Bangkok, Thailand, during 25-26th March 2009.
- ❖ Visited University of Malaysia Sabah, Malaysia during 27-28th March 2009.
- ❖ Visited Nicolaus Copernicus University, Torun, Poland during 7-12th September 2011.
- ❖ Visited University of Terengganu, Terengganu, Malaysia during 20 – 26th November 2012.
- ❖ Attended the EMN Meeting on Membranes – 2016” held at Hotel Novotel World Trade centre, Dubai during 5th April to 08 April 2016

Seminars / Training programmes / Workshops/ Conferences Attended:

Workshops/Summer/Winter Schools:

1. Winter school on “Chemical Process Instrumentation” at REC, Jalandhar during 19-29 February 1996, Sponsored by ISTE,

2. Summer School on “Membrane Based Separation Processes: Science & Technology” at Jadavapur University, Calcutta during June 16-28, 1997 sponsored by ISTE-AICTE.
3. Second SERC School on “Reliability, Availability and Maintainability (RAM) Engineering in Manufacturing” at IIT, Kanpur during November 17-29, 1997 sponsored by DST.
4. Winter School on “Programming in C++ and Data Structures” at JNTU College of Engineering, Anantapur during 31st December 1997 to 29 January 1998.
5. Quality improving program on “Process Design & Set-up of innovative Biopolymer Fermentation” at IIT, Madras during 18-23 May 1998.
6. Summer school on “Numerical Methods with C for Scientists and Engineers” at JNTU College of Engineering, Anantapur during 26th March to 24th April 1998.
7. Work Shop on “How to Foster Entrepreneurial Course in Engineering Colleges” at JNTU Kukatpalli, Hyderabad during 29th July 2004.
8. Work Shop on “Chemical Engineering: A Journey a head” at IISC Bangalore during 20-21st June 2005
9. Work shop on “Intellectual Property Rights-Academic & Technological Dimensions” at JNTU Kukatpalli during 11th January 2006.
10. Training on ultra-filtration and micro filtration porous ceramic tubes at BHEL Bangalore from 9-10th March 2006
11. Training program on “Polymeric reactions and thermal cracking” at IPCL, Dahej, Gujarat, during 22nd April 2006
12. Work shop on “Industry-Institute Interaction” at Taj Banzara, Hyderabad during 20-21st July 2006.
13. 3rd convention of Engineering Council of India on “The seamless engineering education for the better employability of engineers” on 28th February, 2008, held at Surana udyog Auditorium, Hyderabad
14. Training Program on management capacity Development Training programme for deans/HODS/SPFU Heads/Nodal officers of technical institutions under TEQIP from 9-14th February 2009, Management Development Institute, Gurgaon, Haryana

- 15 Work Shop on Regional Consultative Meeting of UGC for formulation of rules, regulations and implementations of 6th Pay commission, Osmania University, Hyderabad on 21st May 2009
- 16 Work Shop on “ NBA Accreditation” for Experts at JNTU Hyderabad during 8th August 2009
- 17 Work Shop on Students Placements Activities by M/s Wipro at Port Blair during 22-23rd September 2010.
- 18 Workshop on “Approval Process for the year 2011-12” organised by All India Council for Technical Education on 22nd January 2011, JNTUH Hyderabad
- 19 Work Shop on Meeting the Talent Demand of Global Engineering Services – An Industry Academia Meet 2011 by M/s InfoTech at Hyderabad during 9th December 2011.
- 20 Work Shop on “SPARSH 2012-13” the TCS annual meet of Training & Placement Officers of the Top Engineering Institutes of India held at Taj Krishna, Hyderabad during 29-30th April 2012
- 21 Workshop on “Advantage-AP2012” organised by State government of Andhra Pradesh and industry at HICC, Hyderabad during 21-22nd June 2012.
- 22 Work Shop on “Higher Education Leadership with US-India 21st Century Knowledge Initiative”, at Tata Institute of Social Sciences, Mumbai during 8- 9th Jan, 2016
- 23 Online Learning Workshop for Faculty, QASPIR, 1-3rd April 2020
- 24 Online Workshop, Universal Human Values, AICTE, 10-14th April 2020

Conferences:

1. IMS 10th National Conference, BARC, Bombay, 19-21 January 1993
2. IICT Golden Jubilee Seminar on Eco-friendly Organic Coatings & Polymers, IICT, Hyderabad, 15-16 July 1994
3. IICT, Golden Jubilee Symposium on Advances in Chemical Engg., IICT, Hyderabad, 9-11 August 1994.

4. IChE National Conference, Chemcon-1996, held at IIT Delhi during 14-17 December, 1996
5. IChE National Conference, Chemcon-1998, held at Andhra University, Vishakhapatnam during 19-20th December, 1998
6. IChE National Conference, Chemcon-2001, held at CLRI Chennai, during 19-24 December, 2001
7. IChE National Conference, Chemcon-2002, held at IICT-Osmania University, Hyderabad during 19-22nd December, 2002
8. IChE National Conference, Chemcon-2004, held at The Grand Hyatt, Mumbai during 27-30 December, 2004
9. IChE National Conference, Chemcon-2005, held at IIT Delhi during 14-17 December, 2005
10. IChE National Conference, Chemcon-2006, held at Bharuch during 27-30 December, 2006.
11. National conference on Water and Waste Management, JNTU Kakinada during 23-24 April 2007
12. IChE National Conference, Chemcon-2007, held at Kolkata during 27-30 December, 2007.
13. IChE National Conference, Chemcon-2011, held at Bangalore during 27-29 December, 2011.
14. 6th International Congress on Environmental Research (ICER) held at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra during 19-21st December 2013
15. IChE National Conference, Chemcon-2013, held at Mumbai during 27-30 December, 2013.
16. IChE National Conference, Chemcon-2014, held at Chandigarh during 27-30 December, 2014.
17. IChE National Conference, Chemcon-2015, held at Gauhati during 27-30 December, 2015.

18. IChE National Conference, Chemcon-2018, held at NIT, Jalandhar during 27-30 December, 2018
19. IChE National Conference, Chemcon-2019, held at IIT, Delhi during 16-19th December, 2019
20. International Conference on Energy & Environment: Challenges and Opportunities for Industries held at MNIT Jaipur during 28-29th December 2019.
21. International Conference on Recent advances in Chemical Engineering e held at Osmania University, Hyderabad during 8-9th January 2020.

Declaration:

I hereby declare that the information furnished above is true to the best of knowledge

Venkata Satyanarayana Suggala

Date: 19-05-2021

Anantapuramu