

# CURRICULUM VITAE

AICTE ID 1-465690083



Name : **Dr. C V SUBRAHMANYAM**

Higher Academic Qualification : M. Tech., Ph.D. Tech.

Father's Name : Chunduri Satyanarayana

Address for Communication : Chunduri Venkata Subrahmanyam  
Professor & Head  
Department of Chemical Engineering  
R. V. R. & J. C. College of Engineering (A)  
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Date of Birth : 05-04-1963

## ACADEMIC QUALIFICATIONS

S. No.	Examination	University/Board	Class (% Marks)
1.	S. S. C.	Board of Secondary School Education, Hyderabad.	First (61)
2.	Intermediate	Board of Intermediate Education, Hyderabad.	First (68)
3.	B. Sc.	Andhra University, Visakhapatnam.	First (63)
4.	A.M.I.I.Chem.E	IICChE, Kolkata	62
5.	B.Sc. (Technology) Faculty of Engineering Board of Chemical Engineering/Technology	Andhra University, Visakhapatnam.	First (66)
6.	M. Tech. (Chemical Technology)	Kanpur University, Kanpur.	First (70)
7.	Ph. D. (Chemical Technology)	University Institute of Chemical Technology, (formerly UDCT) University of Mumbai, Mumbai.	---

**TEACHING, RESEARCH & INDUSTRIAL EXPERIENCE:**

S. No.	Position	Period		Name & Address of Employer
		From	To	
<b>TEACHING EXPERIENCE</b>				
1	Professor & Head	<b>01-09-2017 (03-07-2017)</b>		
2	Professor	01-07-15	31-08-17	
3	Associate Professor	01-07-12	30-06-15	<b>R. V. R. &amp; J. C. College of Engineering (A) Guntur - 522 019 (A.P.)</b>
4	Senior Assistant Professor	01-02-11	30-06-12	
5	Assistant Professor	01-02-06	31-01-11	
6	Lecturer	21-03-03	31-01-06	
7	Lecturer	16-12-92	20-03-03	V. R. S. & Y. R. N. College of Technology, Chirala - 523 157 (A.P.)
<b>RESEARCH EXPERIENCE</b>				
1	Senior Research Fellow	27-01-99	27-07-01	Institute of Chemical Technology (formerly UDCT), University of Mumbai, Mumbai- 400 019.
<b>INDUSTRIAL EXPERIENCE</b>				
1	Plant Engineer and Quality Control Manager	15-09-90	03-12-92	M/s. Bharat General & Textile Industries Ltd., Malkapur (M.S.)
2	Plant Engineer	01-02-90	05-04-90	Swarup Edo Oils Ltd., Bareilly (U.P.).
3	Oil Technologist	23-01-88	30-07-88	M/s. Ravi Vegetable Oil Industry, Davanagiri, Karnataka

### **Ph. D. Topic “Applications of Membrane Technology in Vegetable Oil Industry”**

- 1) Dehydration of Isopropanol – Water Mixture by Pervaporation, using dense membranes
- 2) Separation of Phospholipids from Vegetable Oils using UF Membranes
- 3) Separation of Catalyst from Hydrogenated Oils using MF membranes

### **Award :**

- 1 Dr. C.V.Subrahmanyam, Professor, Osmotic Drying, Best Poster Presentation, Recent Innovations in Chemical and Biological Engineering (RICBE-2K21), International Conference, Jointly organized by the Departments of Chemical Engineering and Biosciences, RGUKT-Nuzvid in association with IChE-ARC, during 16-18<sup>th</sup> September, 2021.
- 2 12-week NPTEL Online Certification course, Mass Transfer Operations II, Jul-Oct 2019 and secured Elite grade (68%) Topper in this course.
- 3 Amongst the top performers of the programme (Top 253 out of 4051 participants) Use of ICT in education for Online and Blended Learning, conducted by Indian Institute of Technology Bombay, Mumbai, during 2-5-2016 to 10-7-2016 under the National Mission on Education through ICT (MHRD).
- 4 DayabhaiVadalia Memorial Award – 2000., Awarded by **Oil Tech.’ Assoc. India, 2000**

### **Chairman:**

1. Board of Studies in Chemical Engineering, RVR&JC College of Engineering (A), Guntur, A.P.
2. Department Advisory Board (DAB); Department Development Council (DDC), Program Assessment Committee (PAC); Department Academic Audit Committee (DAAC), Chemical Engineering, RVR&JC College of Engineering (A), Guntur, A.P.

### **Member of:**

1. Executive Body Member in IChE, Amaravati Regional Centre, for the years 2022-2024.
2. Executive Body Member in IChE, Amaravati Regional Centre, for the years 2020-2022.
3. Executive Body Member in IChE, Amaravati Regional Centre, for the years 2017-2020.
4. Executive Body Member in Oil Technologists’ Association of India (SZ), for the year 2015-2017.
5. Board of Studies in Chemical Engineering, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, A.P.
6. Board of Studies in Chemical Engineering, RVR&JC College of Engineering, Guntur, A.P.
7. Board of Studies in Petroleum Engineering, Godavari Institute of Engineering Technology, Rajahmundry-533296, A.P. (from 15-07-2021)
8. Life Member, Indian Institute of Chemical Engineers, Kolkata, LM –32020.
9. Indian Society for Technical Education, New Delhi, LM-56240.
10. Life Member, Oil Technologists’ Association of India, Kanpur, L-241.

### **Profile & publication links**

<https://vidwan.inflibnet.ac.in/profile/183094>

<https://publons.com/researcher/4103425/venkat-subrahmanyam-chunduri/>

<https://www.scopus.com/authid/detail.uri?authorId=14819986100>

<https://scholar.google.com/citations?user=Yp9QfAIAAAAJ&hl=en>

[https://www.researchgate.net/profile/Subrahmanyam\\_C\\_V](https://www.researchgate.net/profile/Subrahmanyam_C_V)

<https://orcid.org/0000-0001-5832-441X>

### Sponsored Industrial Research Projects

S.No.	Name of the first faculty	Name of the second faculty	Project	Industry Sponsored	Amount Sanctioned
1.	Dr. C V Subrahmanyam	Dr. P. Rohinikumar	Manufacturing of Toilet Soap	M/s. Sree Anandini Exports G.T. Road, Guntur-522004 (A.P)	2,50,000
2.	Dr. G. Kavitha	Dr. C V Subrahmanyam	Reduction of COD in pharma industry HTDS effluent by using ferrous sulfate hepta hydrate and hydrogen peroxide	M/s. Lasya Pharmaceuticals Private Limited Balanagar, Hyderabad	2,50,000

### REVIEWER

Asian journal of Engineering and Applied Technology for the period 2020-2022, 2023-25.
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### Ph.D. Scholars: Two scholars

S.No.	Enrolment No.	Date of enrolment	Topic	Name of supervisor	Likely date of completion
1	Y14CHER001 Ahammad Sharif Mohammed	21-03-2014	Development Of Flow Visualization Model In 'EOR'	Dr. C. V. Subrahmanyam	3 TO 4 Months
2	ANU/CET/Ph.D./Admins. 2016 – 17 Prasanthi velaga	25-06-2017	Biofuels production	Dr. C. V. Subrahmanyam	3 years

### PATENT

1. Novel Membrane Technology for Selective Separation of Azeotropic Mixtures in Pharmaceutical Manufacturing, Publication Date: 01/12/2023, Application No.202341072070 A.
2. Formulations And Method For Preparation Of Herbal Medicated Transparent Soap, published on 4/2/2022 Application NO. 202241004005 A
3. Smart-Dre-M: Biopolymer Composite Based Nano-Fibrous Wound Dressing Material, patent No. 50/2020, published on 11/12/2020 in official journal of patents office, Intellectual Property Rights, India. Application No. 202041052202

### MOOC Courses

- 1) 12-week NPTEL Online Certification course, Mass Transfer Operations II, Jul-Oct 2019 and secured Elite grade (68%) Topper in this course.

- 2) 8 week NPTEL Online Certification course, Sustainability Through Green Manufacturing Systems: An Applied Approach during, Aug-Oct 2017 and secured Elite +Silver grade (86%).

### **Papers Published International (7)**

1. Adsorptive Removal of Copper and Chromium ion by using Azospirillum Biofertilizer as low-cost biosorbent in aqueous medium, *Water Air Soil Pollut* (2022) 233:245, <https://doi.org/10.1007/s11270-022-05707-5>.
2. Scaling and Sensitive Analysis: CO<sub>2</sub> Assisted Gravity Drainage EOR of 50 API Oil, Ahammad Sharif Mohammed, Dr. C.V.Subramanyam, G. Bob Williams, *TEST Engineering & Management*, *May-June 2020*, ISSN: 0193-4120 Page No. 30572 - 30579
3. Kinetic and Thermodynamic Studies of Adsorption of Pb (II) by Using Ferrous Sulphide as an Adsorbent, *International Journal of Chemical Engineering and Processing* ISSN: 2455-5576, Vol. 2: Issue 2, page 34-41 (2016).
4. Optimization of Reaction Parameters for the Production of Fatty Acids from Rice Bran Oil, *International Journal of Chemical Separation Technology* , Vol. 2: Issue 1, page 1-4, 2016. (<https://doi.org/10.37628/jcst.v2i1.98>)
5. Sapota Seed Oil, *International Journal of Chemical Engineering and Processing*, Vol. 2: Issue 1, page 15-18, 2016 (<https://doi.org/10.37628/jcep.v2i1.93>)
6. Separation of nickel catalyst by microfiltration, *Eur. J. Lipid. Sci. Technology*, issue no.7, 113 (2011), 935-940.
7. Study of Convective Heat Transfer and Pressure Drop in short passages of Triangular Channels, *Caledonian Journal of Engineering*, Volume 4, Issue 2, July-December, 2008, pages33-39.
8. Membrane degumming of Crude Rice bran Oil – pilot plant study, *Eur. J. Lipid. Sci. Technology*, 108 (2006), 746-752

### **National (8)**

1. Pervaporative Dehydration of Isopropanol-Water Mixture, *Journal of Lipid Science and Technology*, Volume 46, Issue 1, Jan.-Mar, 2014, pages 15 to 20.ISSN 0973-6379.
2. Studies on Methyl Ester Sulphonate, *Journal of Lipid Science and Technology*, Volume 40, Issue 3, July-September, 2008, pages 117 to 123. ISSN 0973-6379.
3. Ultrarefining of Soybean Oil, *Journal of Lipid Science and Technology*, Volume 39, Issue 1, Jan-March (2007), pages 15-22. ISSN 0973-6379.
4. Pervaporation – Membranes & Transportation, *Chemical World*, Vol 6, No 1, (2006), 44-48.
5. Pervaporation – Process & Characteristics, *Chemical World*, Vol 5, No 6, (2005), 36-39.
6. Membrane Technology in Vegetable Oil & Allied Industry, *J. Oil Tech. Assoc. India*, 32:103-114 (2000)
7. Membrane Degumming of Rice Bran Oil *J. Oil Tech. Assoc. India*, 31:193-197 (1999).
8. Use of Super Critical Fluids in Vegetable Oil Industry, *Chemical Engineering World*, Vol. XXIV No. 7 July 1989.

## Papers Published In Conferences /Proceedings

S.No.	Name of The Conference, Volume No, Issue No, Month, Year, pp.	Name of the Author	Title of the Article
1	Proceedings of the National Seminar Mineral Bio-Technology, MB-2007, 987-81-7525-814-3, by RRL, Bhubaneswar Orissa.	M.VenkateswaraRao C.V.Subrahmanyam	Bio-leaching

## Grants

- 1) AICTE – FDP Grant for Rs. 4,20,000/- :-“**Innovations in Renewable Energy Harvesting and Environment Friendly Process Technologies for Sustainable Development from 23-10-2017 to 04-11-2017.**” (6-21/RIFD/FDP/Policy-1/2016-17, dated 6/6/17).
- 2) UGC Seminar Grant: - “**Solar Energy Harvesting Through Photovoltaic Cells and Storage**” (SEHTPAS-13), organized during 21-22 June, 2013. 1,80,000/-
- 3) AICTE Seminar Grant:-“**Modeling and Simulation for Rapid Progress in Chemical Engineering**” organized during 15-16 July, 2011. (AICTE File No.RIFD/SEM/83/2010-11, Dated 23-02-2011). 1,15,000/-

## Papers Presented

### International (15)

1. Dr. C.V.Subrahmanyam, Professor, Osmotic Drying, Recent Innovations in Chemical and Biological Engineering (RICBE-2K21), Jointly organized by the Departments of Chemical Engineering and Biosciences, RGUKT-Nuzvid in association with IChE-ARC, during 16-18<sup>th</sup> September, 2021.
2. **Dr. C. V. Subrahmanyam**, Professor & **Sri D. Kamalakar**, Assistant Professor, *“Studies On Mass Transfer Coefficient in Solid-Liquid Phase System, CHEMCON 2016”* organized by organized by Chennai Regional Centre of IChE, Chennai, Tamilnadu, in collaboration with A. C. Tech., Anna University, and CLRI (CSIR), Chennai, during 27-30 December 2016 on the theme **Chemical Engineering: “Towards Sustainable Development”**..
3. **Dr. C. V. Subrahmanyam**, Professor & **Dr. M. VenkateswaraRao**, Professor Head, *“ADSORBENTS FROM WASTE BAGASSE, RICE HUSK AND TEXTILE WASTE CLOTHS, CHEMCON 2015”* organized by Guwahati Regional Centre, Indian Institute of Chemical Engineers in Collaboration with Department of Chemical Engineering Indian Institute of Technology Guwahati, Guwhati, during December 27-30, 2015.
4. **Dr. C. V. Subrahmanyam**, Professor, & **Dr. M. VenkateswaraRao**, Professor Head, *“EXTRACTION OF SAPOTA SEED OIL, CHEMCON 2015”* organized by Guwahati Regional Centre, Indian Institute of Chemical Engineers in Collaboration with Department of Chemical Engineering Indian Institute of Technology Guwahati, Guwhati, during December 27-30, 2015.
5. **Dr. C. V. Subrahmanyam**, Associate Professor, & **Dr. M. Venkateswara Rao**, Professor Head, **Pervaporation – A Novel Separation Technique, International Conference on New Frontiers in Chemical, Energy and Environmental Engineering**

- (INCEEE)at National Institute of Technology, Warangal during 20-21 March, 2015.
6. **Dr. C. V. Subrahmanyam**, Associate Professor, & **Dr. M. VenkateswaraRao**, Professor Head, *Silica From Rice Husk Ash CHEMCON 2014*” organized by Chandigarh Regional Centre Indian Institute of Chemical Engineers in Collaboration with Dr. SSB University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh, during December 27-30, 2014.
  7. **Dr. M. Venkateswara Rao**, Professor & Head, **Dr. C. V. Subrahmanyam**, Associate Professor, *Hydrogenated Rice Bran Oil With Least Trans Isomer Content Optimization Of Reaction Parameters CHEMCON 2014*” organized by Chandigarh Regional Centre Indian Institute of Chemical Engineers in Collaboration with Dr. SSB University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh during December 27-30, 2014.
  8. **Dr. M. Venkateswara Rao**, Professor & Head, **Dr. C. V. Subrahmanyam**, Associate Professor, *Optimization of Reaction Parameters for Hydrogenation of Palm Fatty Acid Distillate CHEMCON 2013*” organized by Institute of Chemical Technology, Mumbai in association with Indian Institute of Chemical Engineers, Bombay Regional Centre, Mumbai during December 27-30, 2013.
  9. **Dr. M. Venkateswara Rao**, Professor & Head, **Dr. C. V. Subrahmanyam**, Associate Professor, *Oleoresin from Chilli CHEMCON 2013*” organized by Institute of Chemical Technology Mumbai in association with Indian Institute of Chemical Engineers, Bombay Regional Centre, Mumbai, during December 27-30, 2013.
  10. Waste Minimization in Vegetable Oil Processing by Membrane Technology in International Conference on Technologies for Sustainable Waste Management in Developing Countries, Organized by Schools of Biotechnology, Chemical Engineering and Civil Engineering, Vignan University, Vadlamudi-522 213, during 23<sup>rd</sup>& 24<sup>th</sup> August 2013.
  11. Pervaporative Dehydration Of Isopropanol-Water Mixture, in International Conference CHEMCON-2011 organized by Indian Institute of Chemical Engineers (IChE), Bangalore Regional Centre of IChE, Bangalore, during 27-29 December 2011.
  12. Separation of Nickel Catalyst by Microfiltration, in International Conference CHEMCON -2009, organized by the Indian Institute of Chemical Engineers (IChE), Waltair Regional Centre of IChE, Visakhapatnam, during 27-30 December 2009.
  13. Studies on Methyl Ester Sulfonates, in International Conference CHEMCON -2007 organized by Kolkata Regional Centre of IChE, the Indian Institute of Chemical Engineers (IChE), Kolkata, during December 2007.
  14. Study of Convective Heat Transfer and Pressure Drop in Short Passages of Triangular Cross-section in International Conference CHEMCON -2007 organized by Kolkata Regional Centre of IChE, organized by the Indian Institute of Chemical Engineers (IChE), Kolkata, during December 2007, which is an annual event.
  15. e-Waste Management – Need of the Hour, in international conference on E-Waste Management in India – A Sustainable Solution organized by The Indian Institution of Chemical Engineers (IChE), during 18 May, 2007 at, Mumbai.
  16. Bio Diesel: A Fuel for the Future, in CHEMCON-2006, organized by Indian Institute of Chemical Engineers, Ankleshwar Regional center, at GNFC Sports Complex, Bharuch, Gujarat 27-30, Dec., 2006.

#### **National (18)**

1. Dr. C. V. Subrahmanyam, Professor & Head, participated in TIP Quiz: World Nature Conservation Day 2021, 28-07-2021, organized by TIP Community to observe the world Nature Conservation Day.

2. 'Mass Transfer with and without Chemical Reaction' in the National Conference on 'Recent Trends in Chemical, Petroleum, Food, Textile and Allied Technologies for Sustainable Development – NCRTCPT 2019', organized by Department of Chemical Engineering, VFSTR-Vadlamudi, during 16-17 August, 2019.
3. **Biodiesel by Enzymatic Trans-Esterification: A Review**, "2<sup>nd</sup> Andhra Pradesh Science Congress (APAS)", Focal Theme- Science & Technology For Health, Organized by Andhra Pradesh Academy of Sciences in association with Dr. N T R University of Health Sciences, Vijayawada, Krishna University, Machilipatnam and AcharyaNagarjuna University, Guntur", during February 27-29, 2016.
4. **Optimization of Reaction Parameters for the Production of Fatty Acids from Rice Bran Oil**, "1<sup>st</sup> Andhra Pradesh Science Congress (APAS)", Focal Theme- Organized by Andhra Pradesh Academy of Sciences in association with Sri Venkateswara University & SriPadmavatiMahilaVisvavidyalayam, with Focal Theme of "Science for Smart Technologies", during February 27-29, 2016.
5. **Sapota Seed Oil**, "1<sup>st</sup> Andhra Pradesh Science Congress (APAS)", Focal Theme- Organized by Andhra Pradesh Academy of Sciences in association with Sri Venkateswara University & Sri PadmavatiMahilaVisvavidyalayam, with Focal Theme of "Science for Smart Technologies", during February 27-29, 2016.
6. Synthesis of Graphine Oxide, National Conference on Emerging Trends of Advanced Functional Materials (NCAFM-2015) organized by K L University, Vaddeswaramduring 03-04 September 2015.
7. **Study on Turmeric (*Curcuma longa*L.) Extracts**, National congress on "APASGolden Jubilee Science Congress",Organized by Andhra Pradesh Academy of Sciences in association with Indian Institute of Chemical Technology & Centre for Cellular & Molecular Biology" with Focal Theme of "Indian Science & Technology: 50 Years of Sojourn", during November 13-15, 2014.
8. e-Waste Management, National seminar on "Sustainable E-Waste Recycling Technologies" organized by Centre for Materials for Electronics Technology (C-MET), IDA, Phase-III, Cherlapally, HCL Post, Hyderabad, during 08-09 March, 2014.
9. Biodiesel – Renewable Energy, in UGC sponsored National Seminar on Renewable Energies, Ecosystems and Sustainable Environmental Management, organized by ANU, Guntur, during 20-21 February 2014.
10. Renewable Energy- Solar Energy- Future Prospective, in UGC sponsored National Seminar on Solar Energy Harvesting Through Photovoltaic Cells and Storage (SEHTPAS-13), organized by RVR&JC College of Engineering, Guntur during 21-22 June 2013.
11. Membrane Separation – A sustainable Green Separation Technology, in A P Science Congress – 2012, organized by Andhra Pradesh Akademi of Sciences and Acharya Nagarjuna University, during November 14-14, 2012.
12. Non-Conventional Energy – Future Prospective, in Role of Non-Conventional Energy in fulfilling the Future Energy Needs in India, organized by the Department of Physics, HinduCollege, Guntur, 23-24<sup>th</sup> September, 2009.
13. Solid Waste Management: A Sustainable Solution, Chem Vigor - 08, Organized by Department of Chemical Engg., Vignan's Engineering College, Vadlamudi, 15-03-08.
14. Dehydration of Isopropanol-Water Mixture by Pervaporation, Advances in Chemical Engineering, AChemE-2007, organized by University College of Technology, Osmania University, November 22-24, 2007.
15. Environmental Pollution and Control, Recent Trends in Plant Sciences, organized by Department of Botany, T. J. P. S. College, Guntur – 522 006, A.P., India.



16. Bio-leaching, National seminar on “Mineral Bio-Technology(MB-2007)” 30-31 January, 2007, Jointly organized by Regional Research Laboratory, Bhubaneswar, National Metallurgical Laboratories, Jamshedpur and Indian Institute of Chemical Biology, Kolkata.
17. Membrane Degumming of Crude Vegetable Oils on Pilot-plant Scale for Physical Refining. ‘Research Scholars’ Meet – 2001, Organized by, Indian Chemical Society, 2 & 3 Feb, 2001.
18. Membrane Processing of Crude Vegetable Oils in Application of Membrane Technology in Vegetable Oil Processing Organized by University of Mumbai, 29<sup>th</sup> December, 2000.
19. Membrane Degumming of Rice Bran Oil, in Seminar on ‘Membrane Technology in Oil Processing’ Organized by UDCT, University of Mumbai, 29<sup>th</sup> Jan, 2000.
20. Pretreatment of Vegetable Oils by Ultrafiltration, in 55<sup>th</sup> Annual convention of Oil Tech. Assoc., 18 & 19<sup>th</sup> Nov 2000.

#### Invited Talk

1. Invited talk on “**Industrial Process Calculations**” in one-day workshop on “Industrial Process Calculations”, organized by VRS&YRN College, Chirala, on 04-02-2019.
2. Dr. C. V. Subrahmanyam, Professor, Department of Chemical Engineering, delivered a Invited talk on “**Membrane Separation – A Novel Separation Technique- Opportunities In Coal And Petroleum Processing**” in National Level Technical Symposium on “PRUDHVI-2K15”, organized by GIET College of Engineering, Rajahmundry, during 12-13 October 2015.

#### **Seminars/ Conferences Attended International (9)**

1. International webinar on **Renewable Energy Resources: New Technologies** of 2022, organized by **Chemical Engineering Department, School of Engineering, Institute of Technology, Nirma University, INDIA** on 5<sup>th</sup> March, 2022.
2. International webinar on Global warming & Climate Change, organized by IChE ARC in association with student chapters under IChE ARC during 12-13<sup>th</sup> November, 2021.
3. Dr. C.V.Subrahmanyam, Professor, Osmotic Drying, Best Poster Presentation, Recent Innovations in Chemical and Biological Engineering (RICBE-2K21), International Conference, Jointly organized by the Departments of Chemical Engineering and Biosciences, RGUKT-Nuzvid in association with IChE-ARC, during 16-18<sup>th</sup> September, 2021.
4. Recycling - Solid Waste Management, organized by Department of Chemical Engineering, Andhra University College of Engineering (A), Visakhapatnam-530003 in association with Indian Institute of Chemical Engineers, Waltair Regional Centre, on 16-09-2021.
5. One day international webinar on “Sustainable Construction Materials and Technologies: A Developing Country Perspective, organized by Department of Civil Engineering, Bhubaneswar Institute of Technology, Bhubaneswar, on 24-07-2021.
6. International Webinar on “Advance Materials in Science and Technology-2020” organized by Chemical Engineering Department, Nirma University, Ahmedabad, on 11-09-2020.
7. MITE -2018, 6<sup>th</sup> IEEE International Conference on MOOCs Innovation and Technology in Education (MITE 2018)” organized by organized by MLR Institute of Technology, Hyderabad, during from 29-30 November, 2018.

8. **CHEMCON 2016**” organized by organized by Chennai Regional Centre of IChE, Chennai, Tamilnadu, in collaboration with A. C. Tech., Anna University, and CLRI (CSIR), Chennai, during 27-30 December 2016 on the theme **Chemical Engineering: “Towards Sustainable Development”**
9. **International Conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEEE)** at National Institute of Technology, Warangal during 20-21 March, 2015
10. National seminar on **“Sustainable E-Waste Recycling Technologies Centre for Materials for Electronics Technology (C-MET)**, IDA, Phase-III, Cherlapally, HCL Post, Hyderabad, during 08-09 March, 2014.
11. International Conference on Technologies for Sustainable Waste Management in Developing Countries, Organized by Schools of Biotechnology, Chemical Engineering and Civil Engineering, Vignan University, Vadlamudi-522 213, during 23<sup>rd</sup>& 24<sup>th</sup> August 2013.
12. CHEMCON-2011organized by Indian Institute of Chemical Engineers (IChE), Bangalore Regional Centre of IChE, Bangalore, during 27-29 December 2011.
13. CHEMCON -2009jointlyorganized by Waltair Regional Centre of IChE, and Andhra University, during 27-30 December 2009, which is an annual event organized by the Indian Institute of Chemical Engineers (IChE).
14. CHEMCON -2007 organized by Kalkutta Regional Centre of IChE, Kalkutt, during 27-30 December 2007, which is an annual event organized by the Indian Institute of Chemical Engineers (IChE).
15. “e-Waste Management – Need of the Hour”, in international conference on “E-Waste Management in India – A Sustainable Solution” organized by The Indian Institution of Chemical Engineers (IChE), during 18 May, 2007 at, Mumbai.
16. Indian Chemical Engineering Congress “Chemcon-2006, 27-30, Dec., 2006, Regional Centre IChE, Ankleshwar at GNFC Sports Complex, Bharuch, Gujarat.

### National (31)

1. Participated in One-day workshop “ASPIRE A Self Programming into Redefining Efficacy” organized by RVR&JCCE, Guntur, Alumni Cell & NSS units on 10-03-2023.
2. Women professional meet up 2022, organized by IEEE Hyderabad Section – Women in Engineering Affinity Group & Guntur Subsection in collaboration with RVR&JCCE, Guntur on 23-12-2022.
3. Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on August 11, 2022 Jointly Organized by Intellectual Property Office and MoE's Innovation Cell, India
4. Lecture-I of the lecture series on “Is Chemical Engineering a Versatile Profession? (Insights into my experiences as a chemical Engineer to date), organized by the UCT-OU Student Chapter, Department of Chemical Engineering, University College of Technology (A), Osmania University, Hyderabad, on 25 <sup>th</sup> July, 2022.
5. Participated in SEBI (Securities and Exchange Board of India) & NISM (National Institute of Securities Markets) sponsored by Investor Awareness Program - Financial Literacy for You (FLY) from 7th October 2021 to 7th July, 2022, (Equivalent to one week Faculty Development Programme), Organized by Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering (Autonomous), Guntur, A.P.
6. Participated in the National Conference on "Advancement in Green Energy Production, Environmental Hazard Reduction and its Sustainability held during 10 <sup>th</sup> & 11 <sup>th</sup> , June 2022 at GIET University, Gunupur.

7. Dr. C V Subrahmanyam, Professor & Head, participated Two-day symposium on “Challenges in the Production of 2G Bioethanol” organized by Department of Chemical Engineering, IIT Tirupati and Sponsored by HPCL during 9-10, August 2021 .
8. <b>Online</b> Webinar on Chemistry, Society and the Environment, organized by Vignan's Foundation for Science, Technology & Research, Vadlamudi, Andhra Pradesh 522213, on 10-06-2021.
9. three day workshop on ‘Future of Chemical Engineering’, Sponsored by TEQIP-III, Department of Chemical Engineering, Indian Institute of Technology (IIT), Dhanabad, 19-21 March, 2021
10. Participated in a research study on “Framework and Strategies to Sustain Autonomy” being conducted during Sep. to Dec. 2020 by National Institute of Technical Teachers’ Training and Research, Bhopal.
11. Online Five day Virtual FDP on Recent Innovations and Developments in Membrane Technology, organized by NIT Andhra Pradesh, Tadepalligudem, during 26-30 October 2020.
12. <b>Online Webinar on</b> Surface Engineering of Polymer Membrane, Conducted by Center of Chemistry & Chemical Excellence, a division of Consortium e-Learning Private Ltd. A 118, Sector 63 Noida , U.P. on 09-09-2020.
13. <b>Webinar on “Sustainable Treatment Options for Liquid Waste Management”</b> conducted by Dr. Ritesh Vijay, Head, Centre for Strategic Urban Management, CSIR-NEERI, Organized by Department of Civil Engineering, PCCoE, Nigdi, Pune in association with Environment Conservation Association, Pune on August 29, 2020.
14. AICTE sponsored STTP-I on “Industrial Pollution & Control Strategies” Organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (W), Medchal (D), Telagana held during 24-29 August 2020.
15. 3-day Online Workshop on "Basic Oil and Gas Field Development Life cycle” jointly organized by Department of Petroleum Engineering, IIT(ISM) Dhanbad, Department of Chemical Engineering, NIT, Durgapur and Department of Chemical Engineering, GMRIT, Rajam, from 24 <sup>th</sup> -26 <sup>th</sup> August 2020, evening time (6-8 pm).
16. 3-day online FDP on Source Code Management & Technical Documentation, organized by APSSDC, Amaravati, during 26-28 May 2020.
17. 3-day online FDP on The Role of Industry and Academia in Building Institutions and Innovations, Anurag University, Venkatapur (V), Telangana, during 28-30 May 2020.
18. 3-Day online Faculty Development Program on " <b>ADVANCED MATERIAL CHARACTERIZATION TECHNIQUES</b> " ~ <b>A Research Perspective</b> , organized by Lendi Institute of Engineering & Technology, Kakinada, during 28-30 May 2020.
19. 3-Day Online Faculty Development Programme on “ <b>OUTCOME BASED EDUCATION SYSTEM</b> ”- <b>A Roadmap to Teaching, Learning, Evaluation, and Accreditation</b> , organized by Lendi Institute of Engineering & Technology, Kakinada during 21-23 May 2020.
20. A one day workshop on “ <b>R</b> ” organized by IIT Bombay, On 09-11-2019. This workshop was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMNMTT) MHRD, Government of India.
21. National Conference on “Recent Trends in Chemical, Petroleum, Food, Textile and Allied Technologies for Sustainable Development – NCRTCPFT 2019”, organized by Department of Chemical Engineering, Vignan's Foundation for Science, Technology & Research, Guntur, during 16-17, August 2019.
22. A one day workshop on “ <b>Swayam</b> ” organized by IIT Madras, at RVR &JC College of Engineering, on 7 <sup>th</sup> December, 2018.

23. A one day workshop on “ <b>Computational Methods in Drug Discovery</b> ” organized by Chebrolu Hanumaiah Institute of Pharamaceuticals Sciences in association with Indian Pharmaceutical Association, on 27 <sup>th</sup> February, 2018.
24. A two day face to face workshop on “ <b>Learner-centric MOOC: From Conceptualizing to Conducting</b> ” organized by IIT BombayX at IIT Bombay, on <b>24 and 25 November 2017</b> . This workshop is funded by Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (MHRD, Government of India).
25. FDP program on <b>Foundation Program in ICT for Education</b> , organized by IIT Bombay, from August 3, 2017 to September 7, 2017. This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) MHRD, Government of India.
26. FDP program on <b>Pedagogy for Online and Blended Teaching – Learning Process</b> , by IIT Bombay, from September 14, 2017 to October 12, 2017. This FDP was held under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) MHRD, Government of India.
27. <b>Orientation Workshop for Associate Faculty</b> , organized by IIT Bombay, Mumbai, during 25 & 26 <sup>th</sup> March 2017 under the National Mission on Education through ICT (MHRD).
28. <b>Petroleum Refining Processes – An Overview</b> , organized by Department of Petroleum Engineering & Petrochemical Engineering, Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada on 30 <sup>th</sup> September 2016 under TEQUIP PHASE II.
29. <b>Use of ICT in education for Online and Blended Learning</b> , conducted by Indian Institute of Technology Bombay, Mumbai, during 2-5-2016 to 10-7-2016 under the National Mission on Education through ICT (MHRD).
30. “ <b>1<sup>st</sup> Andhra Pradesh Science Congress (APAS)</b> ”, Focal Theme- Organized by Andhra Pradesh Academy of Sciences in association with Sri Venkateswara University & Sri Padmavati Mahila Visvavidyalayam, with Focal Theme of “Science for Smart Technologies”, during February 27-29, 2016.
31. National Level Technical Symposium on “ <b>PRUDHVI-2K15</b> ”, organized by GIET College of Engineering, Rajahmundry, during 12-13 October 2015.
32. <b>APAS Golden Jubilee Science Congress</b> , Organized by Andhra Pradesh Academy of Sciences in association with Indian Institute of Chemical Technology & Centre for Cellular & Molecular Biology” with Focal Theme of “Indian Science & Technology: 50 Years of Sojourn”, during November 13-15, 2014.
33. National Seminar on <b>Advances in Biomaterials for Medical Applications</b> , organized by the Department of Chemistry, R. V. R. & J. C. College of Engineering, Chowdavaram, Guntur, on 22 March, 2011.
34. National seminar on “ <b>Sustainable E-Waste Recycling Technologies</b> ” organized by Centre for Materials for Electronics Technology (C-MET), IDA, Phase-III, Cherlapally, HCL Post, Hyderabad, during 08-09 March, 2014.
35. UGC sponsored National Seminar on <b>Renewable Energies, Ecosystems and Sustainable Environmental Management</b> , organized by ANU, Guntur, during 20-21 February 2014.
36. UGC sponsored National Seminar on <b>Solar Energy Harvesting Through Photovoltaic Cells and Storage</b> , organized by Departments of Physics and Chemical Engineering, R. V. R. & J. C. College of Engineering, Chowdavaram, Guntur, during 21-22 June 2013.

37. <b>A P Science Congress – 2012</b> , organized by Andhra Pradesh Akademi of Sciences and AcharyaNagarjuna University, during November 14-14, 2012.
38. <b>Management of Environmental Pollution</b> , organized by the Department of Chemistry, R. V. R. & J. C. College of Engineering, Chowdavaram, Guntur, on 22 March, 2011.
39. A Two day APPCB sponsored National workshop on “ <b>Waste Management in Chemical and Allied Industries</b> ” organized by Department of Chemical Engineering, R.V.R&J.C College of Engineering, Guntur, from 13-14 March, 2010.
40. <b>Non-Conventional Energy – Future Prospective</b> , in Role of Non-Conventional Energy in fulfilling the Future Energy Needs in India, organized by the Department of Physics, Hindu College, Guntur, 23-24 <sup>th</sup> September, 2009.
41. <b>Chem Vigor - 08</b> , organized by Department of Chemical Engineering, Vignan’s Engineering College, Vadlamudi, 15-03-08.
42. Advances in Chemical Engineering, <b>AChemE-2007</b> , organized by University College of Technology, Osmania University, November 22-24, 2007.
43. <b>Aspen Plus and Modeling</b> , National Level Chemical Engineering & Biotechnology Faculty Development programme, organized by Department of Chemical Engineering, RVR&JCCE, Guntur, 5-7 November, 2007
44. <b>Recent Trends in Plant Sciences</b> , organized by Department of Botany, T. J.P.S.College, Guntur – 522 006, A.P., India.
45. Three day workshop on <b>Aspen Plus and Modelling</b> , National Level Chemical Engineering & Biotechnology Faculty Development Programme Organized by Department of Chemical Engineering, R. V. R. & J. C. College of Engineering, Chowdavaram, Gutur, during 5-7 November, 2007.
46. <b>Bio-leaching</b> , National seminar on “Mineral Bio-Technology(MB-2007)” 30-31 January, 2007, Jointly organized by Regional Research Laboratory, Bhubaneswar, National Metallurgical Laboratories, Jamshedpur and Indian Institute of Chemical Biology, Kolkata.
47. <b>Environment and Development</b> , Organized by Acharaya Nagarjuna Unviersity, Guntur, on 30-06-06.
48. <b>Research Scholars Meet – 2001</b> , Organized by, Indian Chemical Society, in UDCT, Mumbai, 2 & 3 Feb, 2001.
49. <b>Application of Membrane Technology in Vegetable Oil Processing</b> Organized by University of Mumbai, 29 <sup>th</sup> December, 2000.
50. Seminar on <b>Membrane Technology in Oil Processing</b> Organized by UDCT, University of Mumbai, 29 <sup>th</sup> Jan, 2000.
51. 55 <sup>th</sup> Annual convention organized by Oil Tech. Assoc. India, 18 &19 <sup>th</sup> Nov 2000.
52. The national seminar on <b>Liberalization and managerial challenges</b> organized by V. R. S. & Y. R. N. College, Chirala on 16 <sup>th</sup> February, 1997.
53. National symposium on “ <b>Quality Management in Oils, Derivatives and Allied Products</b> ” organized by oil Technologists’ Association of India (Southern Zone) at ICT, Hyderabad on 16 and 17 <sup>th</sup> November, 1996.

### **Refresher Courses attended/ STTP**

- 1.
2. National Institute of Technical Teachers' Training and Research, Kolkata, Short Term Training Programme through ICT Mode on Outcome Based Education and Accreditation from 24-09-2018 to 28-09-2018.
3. UGC Refresher Course on **Environmental Studies**, (01-12-2005 to 21-12-2005), Organized by Acharya Nagarjuna University, Guntur.
4. AICTE-ISTESTTP On "**Modelling, Simulation and Optimisation of Chemical Process Industries**" December 15-27, 2003, Organized by National Institute of Technology, Warangal.

### **Faculty Development Programmes (FDP)**

1. **Smart Waste Management, held during 12 – 17 September, 2022, organized by** Department of Chemical Engineering, College of Engineering and Technology, SRM Institute of Science and Technology Kattankulathur , Tamil Nadu.
2. Recent Advances in Chemical Engineering-2022 (RACE-22) organized by the department of Chemical Engineering, Rajalakshmi Engineering College, during 8-11-2022 to 12-11-2022, Thandalam, Chennai-602105.
3. Current Trends in Nanomaterials and Its Applications, organized by Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, TN, during 22<sup>nd</sup> to 27<sup>st</sup> August 2022.
4. Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing", Short-Term Training Programme (STPP-Phase-III) on organized by Department of Mechanical Engineering, Kallam Haranadhareddy Institute of Technology, Guntur during 26<sup>th</sup> to 31<sup>st</sup> July 2021.
5. Novel Applications of Chemical Engineering (NACE) during 15-19<sup>th</sup>, July 2021, organized by Department of Chemical Engineering, MVGR College of Engineering (A), Vizianagram.
6. C.V. Subramanyam, AICTE ISTE sponsored virtual refresher program on 'Bioanalytical Techniques', Department of Biotechnology, Kumaraguru College of Technology, Coimbatore, 23 - 29 April, 2021.
7. Mentoring Educators in Educational Technology - FDP301x, organized by IITBombayX, From 17 May to 05 July 2018.
8. Foundation Program in ICT for Education, organized by IITBombayX - FDP101x, during 03<sup>rd</sup> August, 2017 to 13<sup>th</sup> September, 2017.
9. Pedagogy for Online and Blended Teaching-Learning Process", - FDP201x organized by IITBombayX, during 13-20 November, 2017.
10. Use of ICT in Education for Online and Blended Learning', organized by the Indian Institute of Technology( IITB), Bombay, during 2<sup>nd</sup> May – 10<sup>th</sup> July, 2016.

### **Programmes Organized**

1. A Two day National level Chemical Engineering Students meet, **ChECK-2020 (Chemical Engineering Contest for Knockout-2020)**, 26-27 February, 2020, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
2. A One day National level Chemical Engineering Students meet, **ChECK-2019 (Chemical Engineering Contest for Knockout-2019)**, 2<sup>nd</sup> March, 2019, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.

3. A Two week FDP programme on Innovations in Renewable Energy Harvesting and Environment Friendly Process Technologies for Sustainable Development was organized from 23-10-2017 to 04-11-2017.
4. A One day National level Chemical Engineering Students meet, **ChECK-2016 (Chemical Engineering Contest for Knockout-2016)**, 11<sup>th</sup> February, 2016, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
5. One day National Workshop on **Advances in Chemical Engineering for Sustainable Development (ACESD) on 07 February, 2015.**
6. A two day National level Chemical Engineering Students meet, **ChECK-2014 (Chemical Engineering Contest for Knockout-2014)**, 29-30 November, 2014, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
7. One day national seminar on **“Renewable Energy Resources & Technological Advances”**, 25 February, 2014, R.V.R. & J.C. College of Engineering, Guntur.
8. UGC Sponsored Two Day seminar on **“Solar Energy Harvesting Through Photovoltaics And Storage (SEHTPVAS-13)”** during 21-22 June, 2013, Organized by Departments of Physics and Chemical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
9. One day national seminar on **“Renewable Energy Resources & Technological Advances”**, 13 February, 2013, R.V.R. & J.C. College of Engineering, Guntur.
10. One day national seminar on **“New and Renewable Energy Forever”**, 22<sup>nd</sup>February, 2012, R.V.R. & J.C. College of Engineering, Guntur.
11. AICTE sponsored two day **“Faculty Development Programme(FDP) on “Modeling and Simulation for Rapid Progress in Chemical Engineering”** during 15-16 July, 2011, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
12. A two day National level Chemical Engineering Students meet, **ChECK-2011 (Chemical Engineering Contest for Knockout-2011)**, 29-30 November, 2011, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
13. One day national seminar on **“Renewable Energy - To Meet The Energy Crises”**, 22<sup>nd</sup> December, 2010, R.V.R. & J.C. College of Engineering, Guntur.
14. One day national seminar on **“Harvesting and Benefits of Renewable Energy”**, 11<sup>th</sup> January 2010, R.V.R. & J.C. College of Engineering, Guntur.
15. One day workshop on **“Renewable Energy”**, 29-08-2007, R.V.R. & J.C. College of Engineering, Guntur.

#### **Organization Committee Member in the following programmes**

1. *SEMINAR on Growth and Career Opportunities in Chemical Engineering for Sustainable Development, 19<sup>th</sup> November 2016, Organized By Indian Institute Of Chemical Engineers, Guntur Regional Centre, (IChEGRC), JKC College Campus, Ring Road, GUNTUR-522 006 (AP)*
2. We are glad to inform you that the Department of Chemical Engineering is organizing a Two Day National Workshop on **“Nanotechnology – A Fuel for Chemical Industry (NTFC-2013)”** during 20-21 September, 2013, organized by Department of Chemical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
3. A two day National Workshop on **“Green Technology for Clean Environment”**, 20 - 21 December, 2012, organized by the Department of Chemical Engineering in association with APPCB, during 13 - 14 March, 2010.
4. A two day workshop on **“Waste Management in Chemical and Allied Industries”**, organized by the Department of Chemical Engineering in association with APPCB, during 13 - 14 March, 2010.

5. The 6<sup>th</sup> annual session of Student Chemical Engineering Congress “**SCHEMCON 2010**” on the theme “Process Industries and Sustainable Development” was organized by IChE-RVR&JCCE Student chapter in association with IChE, Waltair Regional Centre, Department of Chemical Engineering, R.V.R& J.C. College of Engineering, Guntur during 24-25<sup>th</sup> September 2010.
6. A two day workshop on “**Waste Management in Chemical and Allied Industries**”, organized by the Department of Chemical Engineering in association with APPCB, during 13 - 14 March, 2010.
7. A two day National level Chemical Engineering Students meet, **ChECK-2009** (Chemical Engineering Contest for Knockout-2009), 20-21 February, 2009, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
8. Three day workshop on “**Aspen Plus and Modeling**” a National level Chemical Engineering and Biotechnology faculty development programme during 05-07 November, 2007, Department of Chemical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
9. A two day National level Chemical Engineering Students meet, **ChECK-2007**(Chemical Engineering Contest for Knockout-2007), 23-24 February, 2007, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
10. Two day National Seminar on “**Solid waste management in Chemical and allied Industries**” 18-19 August, 2006, Department of Chemical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
11. One day National Seminar on “**Separation Techniques-The Essential Tools for Chemical Engineering**” 30<sup>th</sup> July, 2004, Department of Chemical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
12. A two day national level Chemical Engineering Students meet, **ChECK-2004** along with a National Seminar on “Chemical Engineering Aspects of Bio-Technology” on 04-05 March, 2004, Department of Chemical Engineering, R.V.R.& J.C. College of Engineering, Guntur.

**Computer knowledge:**

C, MS Office, Oracle, Basic, d Base

**Plant Designed & Commissioned**

Kokam fat refining plant,  
M/s. Snowtech Process Equipments Pvt. Ltd.  
Saki Vihar Road, Saki Naka, Mumbai – 400 072

**Sports**

Runners, Badminton  
Prakasam District Scondary Schools And Junior College  
Meet, Held at Yerragundapalem, Prakasam District, A.P.

**Areas of Interest**

Chemical Engineering : - Separation Techniques  
(Membrane, Distillation, Extraction, etc.,)  
Chemical Technology – Process Development (Oil  
Technology, Cosmetics, Perfumes, Detergents, Lubricants,  
etc.,)

**Editorial Board Member**

1. International Journal of Chemical Separation Technology
2. International Journal of Chemical Engineering and Processing

**Executive Body Member**

1. IICHE –ARC Executive Body member



Guntur:

**(C. V. Subrahmanyam)**