

FACULTY PROFILE

Name of the Faculty:		Dr.CH.SUBRAMANYAM		
Designation:		ASSOCIATE PROFESSOR & HOD		
Department:		CHEMISTRY		
Date of Birth:		August-1981		
AICTE – ID:		1-430162421		
Education	• Ph.D in Organic Chemistry awarded in July,2014, from Sri Venkateswara University, Tirupathi, India • M.Phil in Organic Chemistry with 1st Class from Annamalai University, Guntur, India, March, 2009. • M.Sc in Organic Chemistry with 1st Class from Acharya Nagarjuna University, Guntur, India, From 2002-2004. • B.Sc in M.P.C with 1st Class from Acharya Nagarjuna University, Guntur, India, From 1998-2001.			
Experience	Teaching: 22 Years		Industry: NA	Total: 22 Years
	Research: 18 Years		Others:	
Area of Specialization		Synthetic Organic Chemistry & Computer aided drug design and discovery		
Courses taught		1. Engineering Chemistry 2. Instrumentation & Nanotechnology 3. Physical Chemistry 4. Organic Chemistry		
1. Awards/recognitions/achievements				
S.No	Name of Award		Awarding Agency	Year
1.	Best Oral presentation award		RUSA Sponsored National Seminar The alchemical Legacy of Acharya Nagarjuna: Exploring traditional and contemporary perspectives (ALAN-2026) from 7 th & 8 th , Jan-2026 at Acharya Nagarjuna University.	2026
2.	Best Oral presentation award		National Conference on ECOVISION-2050: Innovative pathways to Sustainable Energy and recent advances in Bioenergy Research from 5-6 Jan-2026 at Vignan University, AP	2026
3.	Best Oral presentation award		National conference on Recent advances in Chemical Sciences for sustainable development-2025 on 3 rd and 4 th March, 2025 at ANU, Guntur	2025
4.	'Indian Chemical Society Research excellence award" for best oral presentation		'Indian Chemical Society' during International conference at JECRC University, Jaipur, Rajasthan	2025
5.	Best oral presentation award		International conference on ICGTASMH-2022 during 28 th and 29 th October 2022 at REVA University, Bangalore	2022
6.	Best oral presentation award		Vikrama Simhapuri University, INDIA	2013
7.	Young Scientist Award		Scientist R Academy, Bangalore	2022
8.	Certificate of excellence		CSIR, New Delhi	2020

9.	Best Teacher award	Bapatla Engineering College, INDIA.	2019
10.	Reviewer	Chemistry and Biodiversity, Wiley	2025
11.	Reviewer	Chemistry Select, Wiley Publishers	2025
12.	Reviewer	Scientific Reports -World's one of the top most publisher 'Springer Nature'.	2024
13.	Reviewer	Phosphorus, sulphur, silicon & related elements, Taylor & Francis	2025
14.	Member	Royal Society Of Chemistry, London	2021
15.	Associate Member	Royal Society Of Chemistry, London	2020
16.	Life Member	AP AKADEMI OF SCIENCES	2018
17.	Associate Fellow	AP Academi of Sciences, Amaravathi, AP	2018
18.	Life Member	The Indian Science Congress Association	2017
19.	Mentor	CSIR-Summer Research Programme-2020, organized by CSIR-NEIST, JORHAT	2020
20.	Resource Person	National Energy Conservation day organized by IIC at Bapatla Engineering College, Bapatla	2025
21.	Resource Person	Chemistry department research colloquium on 18-07-2026	2026

2. International/national peer reviewed journals: Total: 44 (+4 Communicated)

S.N o.	Indexing	Publication Title	Journal Name	Year	Volume /Issue/ Pages	IF	DOI / Citation Link
1	SCI	Design and synthesis of new bis(α -aminophosphonates) via ultrasound-driven nano-BF ₃ ·SiO ₂ catalysis targeting α -amylase inhibition: In silico ADME and molecular docking study	Phosphorus, Sulfur, and Silicon and the Related Elements	2026	Latest Article	1.6	https://doi.org/10.1080/10426507.2026.2630960
3	SCI	Green synthesis, ADME and docking studies and in vitro assessment of chromone-based α -aminophosphonates as dual inhibitors of α -amylase and α -glucosidase	Synthetic Communications	2026	56(5):382-408	1.9	https://doi.org/10.1080/00397911.2026.2625744
3	SCI	Methane Sulphonic Anhydride Enabled an Efficient and Straightforward Protocol for the Synthesis of Hydroxamic Acid Derivatives and Evaluation of their In-silico ADME Properties	International Journal of Peptide Research and Therapeutics	2026	32/23	2.4	https://doi.org/10.1007/s10989-025-10800-4

4	SCI	Sulfonamide derivatives of substituted (piperidin-4-yl)-1H-benzo[d]imidazoles: design, synthesis, antimicrobial and anti-inflammatory activities, and docking studies evaluation and ADME properties	Chemical Papers	2026	80:2575-2598	2.4	https://doi.org/10.1007/s11696-025-04533-3
5	SCI	Microwave-driven synthesis of α -aminophosphonates targeting diabetes: in silico and in vitro assessment of α -amylase and α -glucosidase inhibition	Synthetic Communications	2026	55(22): 1712-1735	1.9	https://doi.org/10.1080/00397911.2025.2592258
6	SCI	Eco-friendly TiO ₂ -ZnO nano-catalysts: synthesis, catalytic performance in synthesis of α -amino/hydroxyphosphonates and their ADME, docking and antimicrobial studies	Research on Chemical Intermediates	2026	51:3767-3795	3.5	https://doi.org/10.1007/s11164-025-05622-4
7	SCIE	Nano-ZnO catalyzed microwave synthesis of novel α -aminophosphonates: anti-diabetic potential via molecular docking, ADMET analysis, and α -amylase and α -glucosidase inhibition studies	Organic Communications	2025	18(2):60-82	1.6	https://doi.org/10.25135/acg.oc.187.2501.3413
8	SCIE	Ultrasound-assisted synthesis of α -aminophosphonates using nano ZnO catalyst: Evaluation of their anti-diabetic activity	Organic Communications	2024	17(4):249-264	1.6	https://doi.org/10.25135/acg.oc.180.2412.3384
9	SCI	Synthesis of novel chromenyl phosphonates via nano-ZnO-catalyzed microwave method: Exploring potential anti-diabetic agents through molecular	Synthetic Communications	2024	54(17): 1433-1449	1.9	https://doi.org/10.1080/00397911.2024.2388799

		docking, ADMET analysis, and α -amylase inhibition					
10	SCI	Ultrasound mediated nano ZnO catalyzed synthesis of new α -aminophosphonates as potential anti-diabetic agents; an in silico ADMET, molecular docking study, α -amylase and α -glucosidase inhibitory activity	Synthetic Communications	2023	53(23): 2041–2060	1.9	https://doi.org/10.1080/00397911.2023.2269583
11	SCI	In silico molecular docking study and nano TiO ₂ -SiO ₂ catalyzed microwave facilitated synthesis of new bis(α -aminophosphonates) as potential anti-diabetic agents	Phosphorus, Sulfur, and Silicon and the Related Elements	2023	198(10):808–821	1.6	https://doi.org/10.1080/10426507.2023.2198715
12	SCI	In silico ADMET, molecular docking study, and nano Sb ₂ O ₃ -catalyzed microwave-mediated synthesis of new α -aminophosphonates as potential anti-diabetic agents	Main Group Metal Chemistry	2022	45(1):225–241	1.2	https://doi.org/10.1515/mgmc-2022-0023
13	SCIE	Nano TiO ₂ .SiO ₂ catalyzed, microwave assisted synthesis of new α -aminophosphonates as potential anti-diabetic agents: In silico ADMET and molecular docking study	Organic Communications	2022	15(2):167–183	1.6	https://doi.org/10.25135/acg.oc.123.2112.2279
14	SCI	An in silico ADMET, molecular docking study and microwave-assisted synthesis of new phosphorylated derivatives of thiazolidinedione as potential anti-diabetic agents	Synthetic Communications	2022	52(2):300–315	1.9	https://doi.org/10.1080/00397911.2021.2024574
15	SCI	Synthesis, spectral characterization and antidiabetic activity	Indian Journal of Chemistry	2022	61(1):60–68	0.5	https://nopr.niscpr.res.in/

		evaluation of phosphoramidate derivatives					
16	SCIE	In silicomolecular docking study, synthesis and α -amylase inhibitory activity evaluation of phosphorylated derivatives of purine	Phosphorus, Sulfur, and Silicon and the Related Elements	2021	196(11):1010–1017	1.6	https://doi.org/10.1080/10426507.2021.1960833
17	SCIE	A simple efficient synthesis and molecular docking studies of 2-styrylchromones	Organic Communications	2021	14(2):121–132	1.6	https://doi.org/10.25135/acg.oc.103.21.02.1959
18	SCI	Synthesis, α -amylase inhibitory activity evaluation and in silico molecular docking study of some new phosphoramidates containing heterocyclic ring	Phosphorus, Sulfur, and Silicon and the Related Elements	2021	196(4):389–397	1.6	https://doi.org/10.1080/10426507.2020.1845679
19	SCI	Ultrasound-promoted solvent-free synthesis of some new α -aminophosphonates as potential antioxidants	Main Group Metal Chemistry	2020	43(1):147–153	1.2	https://doi.org/10.1515/mgmc-2020-0018
20	SCI	Synthesis and anti-diabetic activity evaluation of phosphonates containing thiazolidinedione moiety	Phosphorus, Sulfur, and Silicon and the Related Elements	2020	195(7):586–591	1.6	https://doi.org/10.1080/10426507.2020.1737061
21	SCI	Synthesis, spectral characterization and bioactivity evaluation of sulfonamide derivatives of <i>p</i> -nitrobenzene sulfonyl chloride	Indian Journal of Chemistry	2019	58B:1375–1383	0.5	https://nopr.niscpr.res.in/
22	SCI	Convenient one-pot synthesis and biological evaluation of phosphoramidates and phosphonates containing heterocycles	Phosphorus, Sulfur, and Silicon and the Related Elements	2018	193(7):470–474	1.6	https://doi.org/10.1080/10426507.2018.1452229
23	SCI	Solvent-free sonochemical Kabachnik–Fields reaction to synthesize α -aminophosphonates catalyzed by nano-	Phosphorus, Sulfur, and Silicon and the Related Elements	2018	193(6):400–407	1.6	https://doi.org/10.1080/10426507.2018.1424163

		BF ₃ ·SiO ₂					
24	Scopus	Nano BF ₃ ·SiO ₂ catalysed, microwave assisted Michaelis-Arbuzov reaction to synthesize biologically active phosphonates under solvent-free condition	Materials Today: Proceedings	2017	5(12):25832–25842	0.6	https://doi.org/10.1016/j.matpr.2018.06.576
25	SCI	2-(Benzo [d] thiazol-2-yl) phenyl-4-nitrophenyl alkyl/aryl substituted phosphoramidates: Synthesis, characterization and antimicrobial activity evaluation	Phosphorus, Sulfur, and Silicon and the Related Elements	2017	193(3):136–140	1.6	https://doi.org/10.1080/10426507.2017.1392960
26	SCI	Microwave-assisted synthesis and anti-inflammatory activity evaluation of some novel α-aminophosphonates	Phosphorus, Sulfur, and Silicon and the Related Elements	2017	192(10):1110–1113	1.6	https://doi.org/10.1080/10426507.2017.1331233
27	SCI	Synthesis and bioactivity evaluation of some novel sulfonamide derivatives	Phosphorus, Sulfur, and Silicon and the Related Elements	2017	192(7):845–849	1.6	https://doi.org/10.1080/10426507.2017.1288123
28	SCI	Synthesis of phosphorylated derivatives of 2,3-O-isopropylidene adenosine and their in ovo antiviral activity	Letters in Drug Design & Discovery	2017	14(5):567–572	1.6	https://doi.org/10.2174/1570180813666161020112309
29	SCI	Synthesis, spectral characterization and bioactivity evaluation of novel α-aminophosphonates	Phosphorus, Sulfur, and Silicon and the Related Elements	2017	192(3):267–270	1.6	https://doi.org/10.1080/10426507.2016.1225056
30	SCI	Synthesis of new P-substituted iminophosphoranes via Staudinger reaction and antimicrobial activity evaluation	Phosphorus, Sulfur, and Silicon and the Related Elements	2016	191(1):1–6	1.6	https://doi.org/10.1080/10426507.2015.1064919
31	SCI	Bismuth(III) chloride mediated Michaelis-Arbuzov reaction: a facile synthesis of substituted arylphosphonates and	Phosphorus, Sulfur, and Silicon and the Related Elements	2015	190(11):1948–1957	1.6	https://doi.org/10.1080/10426507.2015.1043048

		phosphinates					
32	SCI	Expeditious, Nano-BF ₃ · SiO ₂ -Catalyzed Michaelis–Arbuzov Reaction in an Ionic Liquid: Synthesis of Privileged Aryl/Heterocyclic Phosphonates	Synthetic Communications	2014	S44(20):2988–2998	1.9	https://doi.org/10.1080/00397911.2014.920030
33	Web of Science	Catalyst-free green synthesis of urea and thiourea derivatives of tetramethylguanidine and biological activity evaluation	Bulgarian Chemical Communications	2014	46(4):724–730	0.2	https://bcc.bas.bg/
34	SCI	New N-linked phosphoramidate derivatives of 6-chloropurine: synthesis and antimicrobial/antioxidant activities	Phosphorus, Sulfur, and Silicon and the Related Elements	2014	189(10):1572–1585	1.6	https://doi.org/10.1080/10426507.2014.884093
35	SCI	Synthesis and Biological Activity of Novel Diphenyl N-Substituted Carbamimidoyl Phosphoramidate Derivatives	Phosphorus, Sulfur, and Silicon and the Related Elements	2013	188(9):1228–1235	1.6	https://doi.org/10.1080/10426507.2012.745075
36	Scopus	An efficient protocol for synthesis of hydroxamic acids via methane sulphonic anhydrides: An in-silico ADME properties of the synthesised amino acid derivative of hydroxamic acids	Research Square	2026	preprint	NA	https://doi.org/10.21203/rs.3.rs-8232113/v1
37	Wiley	Expeditious, Nano-BF ₃ ·SiO ₂ -Catalyzed Michaelis—Arbuzov Reaction in an Ionic Liquid: Synthesis of Privileged Aryl/Heterocyclic Phosphonates.	ChemInform	2015	preprint		https://doi.org/10.1002/chin.201508260
38	Peer Reviewed	Synthesis of carbamate and sulfonamide derivatives of amlodipine and their antimicrobial activity	Der Pharmacia Sinica	2013	4(1):10–16	0.0	https://www.researchgate.net/publication/259590521
39	Peer Revi	A convergent approach for the synthesis of	Archives of Applied Science	2012	4(6):23–27	0.0	https://www.scholarsresearchlibrary.c

	ewe d	phosphorus-containing dendrimer with 4,4'-sulfonyldianiline as core unit	Research		2332		om/
40	Peer Revi ewe d	Synthesis and antimicrobial activity evaluation of phosphorylated urea-thiourea derivatives	Der Pharmacia Lettre	2012	4(3):86 9-874	0.2	https://www.derpharmachemica.com/
41	Peer Revi ewe d	Monetization Of Coma Patient And Health Prediction Using Machine Learning	Journal of Engineering Sciences	2020	11(3):2 75	0.5	-
42	SCI	Design, Synthesis, Anticancer Activity, ADME and Estrogen Receptor- α Molecular Docking Studies of Novel Benzenesulfonyl-Substituted Pyrrolo[2,3-d]Pyrimidine Phosphonates as Potential Breast Cancer Agents	Biophysical Chemistry	2026	UNDER REVIE W	2.3	BIOPHYSICHEM-D-26-00437
43	SCI	Design, Synthesis and In-silico studies of Novel Peptides Assisted by TAGGING Technique	Results in Chemistry	2026	UNDER REVIE W	5.8	RECHEM-D-26-01525
44	SCI	Design, synthesis, molecular docking, and α -amylase/ α -glucosidase inhibitory evaluation of novel chromone-based α -aminophosphonate-thiazolidine-2,4-dione hybrids	Synthetic communication	2026	UNDER REVIE W	1.9	ID 256215728
CONFERENCE PUBLICATIONS							
45	Peer Revi ewe d	Computer Aided Drug Design of α -Aminophosphonates as Potential α -Amylase and α -Glucosidase Inhibitors for Anti-diabetic Therapy	Conference Proceedings of 3-Day International Conference on Bio-Digital Alchemy	2026	1/120- 136	NA	https://www.researchgate.net/publication/403772623_Conference_proceeding_of_a_3_DAY_INTERNATIONAL_CONFERENCE
46	Peer Revi ewe d	Microwave Mediated Michaelis-Arbuzov Reaction to Synthesize Bioactive Phenylphosphonate Derivatives Under	Asian Journal of Organic and Medicinal Chemistry	2019	4(1):1- 6	0.0	https://doi.org/10.14233/ajomc.2019.AJOMC-P162

		Solvent Free Condition					
47	Peer Reviewed	Microwave assisted synthesis and anti-inflammatory activity evaluation of pyrazole derivatives	International Journal for Research in Engineering Application and Management (IJREAM)	2018	IMC18610	0.0	https://www.ijream.org/papers/IMC18610.pdf
48	Peer Reviewed	Microwave assisted greener approach to synthesize α -aminophosphonates under catalyst-free and solvent-free conditions	International Journal for Research in Engineering Application and Management (IJREAM)	2018	IMC18619:327-333	0.0	https://www.ijream.org/papers/IMC18619.pdf

3. PAPER PRESENTATIONS IN INTERNATIONAL/NATIONAL CONFERENCE/SEMINAR

S.No.	Year	Type	Participation	Place of Conference	Title of Paper	From Date	To Date
1	2011	National	Oral	JNTU Hyderabad	New N Linked Phosphoramidate Derivatives of 6-Chloropurine, Synthesis and Biological Evaluation	04-11-2011	05-11-2011
2	2012	National	Oral	Sri Venkateswara University, Tirupati	New N Linked Phosphoramidate Derivatives of 6-Chloropurine, Synthesis and Evaluation of Antimicrobial and Antioxidant Activities	19-03-2012	20-03-2012
3	2012	National	Oral	Acharya Nagarjuna University, Guntur	Synthesis and Biological Activity of Novel Diphenyl N-Substituted Carbamimidoyl Phosphoramidate Derivatives	14-11-2012	15-11-2012
4	2013	International	Oral	Vikrama Simhapuri University	Synthesis and Antimicrobial Activity Evaluation of Phosphorylated Urea Thiourea Derivatives	13-11-2013	15-11-2013
5	2014	National	Oral	Bapatla Engineering College	Role of Nanocatalysts in Green Organic Synthesis	07-03-2014	08-03-2014
6	2015	National	Oral	Acharya Nagarjuna University, Guntur	Design and Synthesis of Novel α -Aminophosphonates, Spectral Characterization and Bioactivity	19-01-2015	21-01-2015
7	2015	National	Oral	Sri Venkateswara University, Tirupati	Synthesis and Bioactivity Evaluation of Nimesulide Derivatives	14-09-2015	15-09-2015
8	2016	National	Poster	Sri Venkateswara University,	Synthesis, Anticancer and Anti-Inflammatory Activity Evaluation of 1,3,5-Trisubstituted Pyrazolines Bearing Benzene Sulfonamides	28-03-2016	29-03-2016

				Tirupati			
9	2017	National	Oral	Sri Venkateswara University, Tirupati	Ultrasound Promoted Greener Approach to Synthesize Some New α -Aminophosphonates Catalyzed by Nano $\text{BF}_3 \cdot \text{SiO}_2$ Under Solvent-Free Condition and Their Antioxidant Activity Evaluation	03-01-2017	07-01-2017
10	2018	International	Oral	SRKR Engineering College, Bhimavaram	Nano $\text{BF}_3 \cdot \text{SiO}_2$ Catalysed Microwave Assisted Michaelis-Arbuzov Reaction to Synthesize Biologically Active Phosphonates under Solvent-Free Condition	24-01-2018	25-01-2018
11	2018	National	Oral	PVPSIT, Vijayawada	Microwave Assisted Synthesis and Anti-Inflammatory Activity Evaluation of Pyrazole Derivatives	30-03-2018	31-03-2018
12	2018	National	Oral	KBN College, Vijayawada	Microwave Mediated Michaelis-Arbuzov Reaction to Synthesize Bioactive Phenylphosphonate Derivatives under Solvent-Free Condition	28-09-2018	29-09-2018
13	2018	National	Oral	Yogi Vemana University, Kadapa	Designing of Novel α -Aminophosphonates as Potential Anti-Microbial Agents	09-11-2018	11-11-2018
14	2019	International	Oral	Andhra University, Visakhapatnam	Synthesis and Spectral Characterization of New Phosphonates Containing Heterocyclic Ring	13-07-2019	15-07-2019
15	2020	National	Oral	University of Agricultural Sciences, Bangalore	Synthesis, Spectral Characterization and Anti-Diabetic Activity Evaluation of New Phosphoramidate Derivatives	03-01-2020	07-01-2020
16	2020	International	Oral	Acharya Nagarjuna University, Guntur	Microwave Assisted Synthesis and Anti-Inflammatory Activity Evaluation of Pyrazole Derivatives	05-03-2020	07-03-2020
17	2020	National	Oral	Bapatla Engineering College, Bapatla	Synthesis of TZDs as Potential Antidiabetic Drugs	13-03-2020	14-03-2020
18	2021	National	Oral	Acharya Nagarjuna University	Synthesis, α -Amylase Inhibitory Activity Evaluation and <i>In Silico</i> Molecular Docking Study of Some Phosphoramidate Derivatives Containing Heterocyclic Ring	17-03-2021	18-03-2021
19	2022	International	Oral	REVA University, Bangalore	<i>In silico</i> ADMET, Molecular Docking Study and Nano TiO_2 - SiO_2 Catalyzed Microwave Mediated Synthesis of New α -Aminophosphonates as Potential Anti-Diabetic Agents	28-10-2022	29-10-2022

20	2023	International	Oral	NIT Warangal	<i>In silico</i> ADMET, Molecular Docking Study and Nano ZnO Catalyzed Ultrasound Mediated Synthesis of New α -Aminophosphonates as Potential Anti-Diabetic Agents	28-06-2023	30-06-2023
21	2024	National	Oral	JECRC University, Jaipur	Nano ZnO Catalyzed Microwave Synthesis of Novel Phosphonates, Anti-Diabetic Potential via Molecular Docking, ADMET Analysis and α -Amylase Inhibition Studies	19-12-2024	21-12-2024
22	2025	International	Oral	Bapatla Engineering College, Bapatla	Synthesis of Novel Phosphonates as Potential Antidiabetic Agents via Molecular Docking	27-03-2025	29-03-2025
23	2026	National	Oral	Vignan University	Sustainable Chemistry and Green Catalysis	05-01-2026	06-01-2026
24	2026	International	Oral	Acharya Nagarjuna University, Guntur	Integrating Traditional Alchemical Chemistry with Modern <i>In Silico</i> and <i>In Vitro</i> Approaches for Anti-Diabetic Drug Discovery	07-01-2026	08-01-2026
25	2026	International	Oral	Bapatla Engineering College, Bapatla	Microwave Assisted Michaelis-Arbuzov Synthesis of Chromone-Based Phosphonates as Dual α -Amylase and α -Glucosidase Inhibitors, ADMET and Docking Studies	23-03-2026	25-03-2026

4. Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No	Activity	Role	Outcome	Year
1	National Conference ON RTCPMS-2020	Organizing Secretary	120+ students registered and around 47,000/- of income generated through registrations	2020
2	National Conference-SCMQ2024	Convener	150+ students registered and around 57,000/- of income generated through registrations	2024
3	International Conference-ACINSPH2025	Convener	232 students registered and 79,500/- of income generated through registrations	2025
4	International Conference-BAGQML-2026	Convener	269 students registered and 91400/- of income generated through registrations	2026

5.DETAILS OF BOOKS/BOOK CHAPTERS PUBLISHED

S.NO.	TITLE OF THE BOOK	Role	PUBLISHER	YEAR
1	PHYSICAL CHEMISTRY-II M.Sc. CHEMISTRY SEMESTER-II, PAPER-I	Lesson Writer	Prof. V. VENKATESWARLU Director, I/c Centre for Distance Education, Acharya Nagarjuna University	2026

2	Editor-International Conference proceeding Book of BAGAQML-2026 with ISBN	Editor	Raja Rammohun Roy National Agency for ISBN, Department of Higher Education, Ministry of Education, Government of India	2026
3	Editor-International Conference proceeding Book of ACINSPH-2025 with ISBN	Editor	Raja Rammohun Roy National Agency for ISBN, Department of Higher Education, Ministry of Education, Government of India	2025
4	PHYSICAL CHEMISTRY-I M.Sc. CHEMISTRY SEMESTER-I, PAPER-IV	Lesson Writer	Prof. V. VENKATESWARLU Director, I/c Centre for Distance Education, Acharya Nagarjuna University	2025

6. PATENTS PUBLISHED

S. No	Title of the Patent	Patent Application Number	Year of Publication
1	DNA TYPE DETECTION DEVICE	414878-001	25/04/2024

7. EDITORIAL MEMBER/REVIEWER FOR

- Springer nature (Scientific Reports)
- Springer nature (Chemistry and Biodiversity)
- Wiley (Chemistry Select)
- Taylor & Francis (Phosphorus, Sulfur, And Silicon And The Related Elements)
- International Journal of Analytical and Applied Chemistry
- International Journal of Chemical Synthesis and Chemical Reactions
- International Journal of Green Chemistry
- Cogent Chemistry, Taylor & Francis publishers
- Carrebian Journal of Chemistry

8. RESEARCH CONTRIBUTIONS

RESEARCH PROJECTS APPLIED (Under review)

TITLE OF THE PROPOSAL: Computer-aided design and synthesis of new nucleoside analogues as potential inhibitors of RNA dependent RNA polymerase of SARS-COV-2".

FUNDING AGENCY: INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

SCHEME: Major Research Projects (2025-26)

COST: 15.08 Lakhs

9. STUDENT PROJECT/RESEARCH GUIDANCE

S.No	Level	Total number
1	PG	Completed: 66 Ongoing:-
2	CSIR-NEIST SUMMER RESEARCH PROGRAM	PRANAV M. SHARMA
		Dr.C. GLADIS RAJAMALAR
		SHOBIT SAINI

10. DETAILS OF CONFERENCES/FDPS/WEBINARS/WORKSHOPS PARTICIPATED

Sl. No.	Name of the Event	Duration		Organized By
		From	To	

1	National Seminar on “Modern Trends in Chemistry”	03February, 2007	04 February, 2007	Acharya Nagarjuna University, Guntur, India
2	National Seminar on “Vedic Science in Relevance to Modern Science”	18 February, 2010	18 February, 2010	Sri Venkateswara University, Tirupati, India
3	National Conference on “Emerging Technologies in Environmental Science”	22 October, 2010	23 October, 2010.	V.R.S. & Y.R.N. COLLEGE, Chirala, India
4	National Seminar on “New Frontiers in Industrial Biotechnology”	15 July, 2011	16 July, 2011	Bapatla Engineering College, Bapatla, India
5	International Conference on “Updates on Protein Drug Discovery,Formulation and Production Challenges”	28 October, 2011	29 October, 2011	Sri Padmavati Mahila Visvavidyalayam (Women’s University), Tirupati,AP, India
6	National Seminar on “The Role Of Chemistry in Monitoring the Environment”	31 October, 2011	31 October, 2011	Sri Venkateswara University, Tirupati, India
7	National Seminar on “Recent Research Trends in Chemical Sciences”	23 December, 2011	23 December, 2011	Sri Venkateswara University, Tirupati, India
8	FDP on Catalysis:From concepts to applications	4 June, 2012	8 June,2012	NIT, Calicut, Kerala, India
9	National workshop on “Instrumentation Techniques for Research in Science and Technology”	9 th November- 2013.	9 th November- 2013.	Vignan University, Guntur
10	National conference on 'Role of Chemistry in Energy development and Environmental protection' (RCEE-2014)	March 3, 2014.	March 4, 2014.	Sri Venkateswara University, Tirupati, India
11	Symposia on Emerging Science and Technologies: Impact on Environment and Human Health	August 1, 2014	August 3, 2014	Vikrama Simhapuri University, India
12	Indo-US Workshop on “Bacterial Antibiotic Resistance and Nanotechnologies”	26, September 2014	28, September 2014	Vikrama Simhapuri University, India
13	National seminar on "Shaping the future with nano sciences"	12, August 2015	13, August 2015	P.B. Siddartha college of arts and science, Vijayawada, India.
14	National seminar on "Green chemistry for a sustainable and	23rd January-	23rd January-	V.S.R. & N.V.R. College, Tenali, India.

	healthy economy"	2016	2016	
15	Symposium on "Recent trends in analytical techniques for drug discovery and pharmaceutical drug development" by The Royal Society of Chemistry	2nd Dec.-2017	2nd Dec.-2017	Bapatla College of Pharmacy, Bapatla, India
16	National crop seminar on "Entrepreneurship development for millet products"	March 17-2018	March 17-28	Bapatla College of Pharmacy, Bapatla, India
17	Workshop on "Happy living in smart cities"	30 th , March 2018	31 st , March 2018	P. V. P.S.I.T, Vijayawada, India.
18	National seminar on "Recent advances in medicinal chemistry"	21 st Feb.-2018	21 st Feb.-2018	J.K.C. College, Guntur, India
19	Workshop on "Intellectual property and innovation management"	31 st Aug-2018	1 st , Sept. 2018	Bapatla Engineering College, Bapatla, India
20	FDP on "Manufacturing and Analysis of Advanced Materials and Engineering Structure"	26 th May 2020	30 th May 2020	Department of Aeronautical Engineering, MLR Institute of Technology
21	International webinar on Industrial chemical safety management, health hazards, environmental protection, policies and laws	07 th June,2020	07 th June,2020	Departments of Biochemical Science of MVN JS & RVR College of Arts and Science, Malikipuram, E.G.Dt., A.P
22	International webinar-FDP on Indirect Effects of COVID-19 Outbreak on the Environment and Society	10 th June,2020	12 th June,2020	JMJ College for Women (A), Tenali
23	International symposium on COVID 19:SOCIAL PROSPECTIVES	11 th June,2020	12 th June,2020	G.G.N. Institute of Management and Technology, Luthiana
24	5 day Online FDP on "the role of advanced materials and nanotechnology in present scenario"	22-06-2020	26-06-2020	Vemana Institute of Technology, Bangalore
25	2 day international symposium on Education in digital mode- Opportunities	26-06-2020	27-06-2020	G.G.N. Institute of Management and Technology, Luthiana

	and challenges in post COVID-19 world			
26	e-quiz contest on general aspects in chemistry	14-06-2020	14-06-2020	Govt.Arts College for Women, pudukkottai,TN
27	e-quiz contest on world environment day and COVID-19	05-06-2020	05-06-2020	RGM COLLEGE OF ENGG AND TECH., NANDYAL,AP
28	National level e-quiz contest	23-07-2020	23-07-2020	RISE GROUP OF INSTITUTES,AP
29	Online symposium on teaching practices and shifting paradigms	11-07-2020	11-07-2020	G.G.N. Institute of Management and Technology, Luthiana
30	National webinar on feature of chemdraw and greener aspects of drug discovery	23-07-2020	23-07-2020	Association of chemistry teachers, mumbai and Perkin elmer informatics, New Delhi
31	Vice chancelors conclave on New education policy	04-08-2020	04-08-2020	G.G.N. Institute of Management and Technology, Luthiana
32	FDP on “Recent Developments in Chemical Research for Societal Applications”	August 03rd to 08th 2020		Department of Chemistry, Yogi Vemana University, Kadapa
33	2 weeks AICTE sponsored faculty development programme on “recent developments of nanocomposites and smart materials in the aerospace industry	7/9/2020	19/9/2020	Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad
34	TEQIP-III sponsored National webinar on Advanced metalorganic frameworks-2020	25 th Sept.- 2020	26 th Sept.- 2020	Veer Surendra Sai University of Technology, Odisha, India
35	Branding and trademarks: Filling procedure & registration	8-10-2020	8-10-2020	MLR Institute of Technology, Hyderabad
36	FDP on Digital Teachers Training	16/11/2020	21/11/2020	Bapatla Engineering College, India
37	Online National Workshop on Covid-19 Awareness Programme	12/01/2021	12/01/2021	Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur
38	Online National workshop on Intellectual property rights	12/01/2021	12/01/2021	Deogiri College, Aurangabad, India

39	Online seminar on Quality improvement via accreditation and ranking	28/06/2021	29/06/2021	Bapatla Engineering College, India
40	National webinar on Developing leadership qualities in youth for community development	24-09-2021	24-09-2021	Vikrama Simhapuri University, AP
41	National webinar on Redefining The Role of College Librarians In ICT Environment	12-05-2022	12-05-2022	Hon.Shri. Annasaheb Dange Arts, Commerce & Science College, Hatkanangale, Dist. Kolhapur
42	National webinar on Recent advances in toxicogenomics of herbal medicine in India	04-02-2022	04-02-2022	Rajarshi Sahu College of Pharmacy, Buldana
43	National webinar on Recent trends in Science and Engineering	11-03-2022	16-03-2022	Anand International College of Engineering, Jaipur
44	National webinar on IR Spectroscopy: Basics, Instrumentation and spectral interpretation	12-02-2022	12-02-2022	Ganpat University
45	Participated in the AICTE Recognized Faculty Development Programme on Essential Industrial Chemistry for Engineers	05/09/2022	09/09/2022	NITTTR, Chandigarh
46	International Faculty Development Program (FDP) on Working with Emotional Intelligence and Life Skills Management (WEILSM)	02-12-2024	06-12-2024	Department of English, Bapatla Engineering College (Autonomous) in Collaboration with ELT@I Guntur Chapter
47	International Conference on Exploring contemporary vistas in applying organocatalysis for pharma industry: For sustaining future	11-12-2024	13-12-2024	Vignan University, Vadlamudi, AP
48	61 st ACC & International Conference Emerging Trends in Chemistry to Revolutionise Indian Chemical Industries for Vikshit Bharat @2047	19-12-2024	21-12-2024	Department of Chemistry, School of Science, JECRC University, Jaipur, Rajasthan, (India)
49	National conference on Recent advances in Chemical Sciences for sustainable development- 2025	3 rd March, 2025	4 th March, 2025	ANU, Guntur

50	FDP on Quantum technologies: Emerging trends in physics and computation	25 th Feb.2026	27 th Feb.2026	Bapatla Engineering College
51	WORKSHOP on "Hydrogen as Sustainable energy carrier in near future-Progress and status in india	08 th June 2026	12 th June 2026	Department of Chemical Engineering, NIT, Trichy, Tamilnadu

11. ADMINISTRATIVE EXPERIENCE

Name of the additional responsibility	Institute Name	From	To	No. Of Years
HoD	BEC, BAPATLA	2023	TILL DATE	
Dept. IQAC Coordinator	BEC, BAPATLA	2021	2023	2
Dept. NBA Coordinator	BEC, BAPATLA	2021	2023	2
Dept. NAAC Coordinator	BEC, BAPATLA	2021	2023	2
Dept. Alumni Coordinator	BEC, BAPATLA	2010	2023	13
Exam Officer	BEC, BAPATLA	2013	2017	4
Exam Officer	BEC, BAPATLA	2019	2023	4
Dept. Coordinator-Academics	BEC, BAPATLA	2019	2021	2
Member-BOS	BEC, BAPATLA	2010	TILL DATE	14
Class Coordinator	BEC, BAPATLA			
Question paper setting	BEC, BAPATLA	2019	2021	2
Placement & Training	BEC, BAPATLA	2017	2019	2
Dept. Events Coordinator	BEC, BAPATLA	2014	2017	3

12. RESEARCH CREDENTIALS

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=EzrmitQAAAAJ&hl=en
SCOPUS	57218323629
Web of Science	HHT-1107-2022
Research gate	https://www.researchgate.net/profile/Subramanyam-Chennamsetty
Vidwan ID	324291

(Dr.CH.SUBRAMANYAM)