


FACULTY PROFILE

Name of the Faculty:		Dr.CH.SUBRAMANYAM				
Designation:		ASSISTANT PROFESSOR & HOD				
Department:		CHEMISTRY				
Date of Birth:		18-08-1981				
AICTE – ID:	1-430162421					
Education	<ul style="list-style-type: none"> • 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: 19.4 Years	Industry: NA		Total: 19.4 Years		
	Research: 15	Others:				
Area of Specialization		Synthetic Organic Chemistry & Computational Chemistry				
Courses taught	<ol style="list-style-type: none"> 1.Engineering Chemistry 2. Instrumentation & Nanotechnology 3.Physical Chemistry 4.Organic Chemistry 					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing
1	Ultrasound mediated nano ZnO catalyzed synthesis of new α -aminophosphonates as potential anti-diabetic agents; An <i>In silico</i> ADMET, molecular docking study, α -amylase and α -glucosidase inhibitory activity	SYNTHETIC COMMUNICATIONS	2023			SCI
2	In silico molecular docking study and nano TiO ₂ - SiO ₂ catalyzed microwave facilitated synthesis of new bis(α -aminophosphonates) as potential antidiabetic agents. https://doi.org/10.1080/10426507.202	PHOSPHORUS , SULFUR, AND SILICON AND THE RELATED ELEMENTS	2023			SCI

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3	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	<i>Main group metal chemistry</i>	2023	45(1)	225-241	SCI
4	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	<i>Org. Commun.</i>	2022	15:2	167 - 183	SCI
5	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	SCI
6	Synthesis, spectral characterization and anti-diabetic activity evaluation of phosphoramidate derivatives	Indian Journal of Chemistry-Section-B	2022	61(1):	60-68	SCI
7	<i>In silico</i> molecular docking study, synthesis and α -amylase inhibitory activity evaluation of phosphorylated derivatives of purine	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2021	196	1010-1017	SCI
8	A simple, efficient synthesis and molecular docking studies of 2-styrylchromones	<i>Org. Commun</i>	2021	14:2	121-132	SCI
9	Synthesis, α -amylase inhibitory activity evaluation and <i>in silico</i> molecular docking study of some new phosphoramidates containing heterocyclic ring	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2021	196	389-397	SCI
10	Ultrasound-promoted solvent-free synthesis of some new α -aminophosphonates as potential antioxidants	<i>Main group metal Chemistry</i>	2020	43	147-153	SCI
11	Monetization of coma patient and health prediction using machine learning	journal of engineering sciences	2020	11	275-282	UGC
12	Synthesis and anti-diabetic activity evaluation of phosphonates containing thiazolidinedione moiety	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2020	195(7)	1-6	SCI

13	Synthesis, spectral characterization and bioactivity evaluation of sulfonamide derivatives of p-nitrobenzene sulfonylchloride	<i>Indian journal of Chemistry Section-B</i>	2019	. 58B	1375-1383	SCI
14	Microwave Mediated Michaelis-Arbuzov Reaction to Synthesize Bioactive Phenylphosphonate Derivatives Under Solvent Free Condition	<i>Asian Journal of Organic & Medicinal Chemistry</i>	2019	4	1-6	
15	Convenient one-pot synthesis and biological evaluation of phosphoramidates and phosphonates	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2018	193(7)	470-474	SCI
16	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	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2018	193(6)	400-407	SCI
17	2-(Benzo[d]thiazol-2-yl) phenyl-4-nitrophenyl alkyl/aryl substituted phosphoramidates: Synthesis, characterization and antimicrobial activity evaluation	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2018	193(3)	136-140	SCI
18	Nano $\text{BF}_3 \cdot \text{SiO}_2$ catalysed, microwave assisted Michaelis-Arbuzov reaction to synthesize biologically active phosphonates under solvent-free condition	<i>Materials Today: Proceedings</i>	2018	5	25832 - 25842	Scopus
19	Microwave-assisted synthesis and anti-inflammatory activity evaluation of some novel α -aminophosphonates	<i>Phosphorus, Sulfur, Silicon and the Related Elements,</i>	2017	192 (3)	267-270	SCI
20	Design and synthesis of novel α -aminophosphonates: Spectral characterization and bioactivity	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2017	192 (3)	267-270	SCI
21	Synthesis, Phosphorylated Derivatives of 2', 3'-O-Isopropylidene Adenosine, their <i>In Ovo</i> Antiviral Activity	<i>Letters in Drug Design & Discovery</i>	2017	14(5)	567-572	SCI
22	Synthesis of New P-substituted iminophosphoranes <i>via</i> Staudinger Reaction and Antimicrobial Activity Evaluation	<i>Phosphorus, Sulfur, Silicon and the Related</i>	2016	191(1)	1-6	SCI

		<i>Elements</i>				
23	Synthesis and bioactivity evaluation of some novel sulfonamide derivatives	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2017	192(7)	845-849	SCI
24	Bismuth (III) chloride mediated Michaelis-Arbuzov reaction: A facile synthesis of alkyl substituted aryl phosphonates/phosphinates, spectral characterization and bioactivity	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2015	190(11)	1948-1957	SCI
25	New <i>N</i> -linked phosphinate/phosphonamidate derivatives of 6-chloropurine: Synthesis and evaluation of antimicrobial and antioxidant activities; , , Ch. Subramanyam, D. Subba Rao, C. Naga Raju, SK. Adam and S. Durga Srinivasa Murthy.	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2014	189, (10)	1572-1585	SCI
26	An Expeditious, Nano-BF ₃ .SiO ₂ Catalyzed Michaelis-Arbuzov Reaction in an Ionic Liquid: Synthesis of Privileged Aryl/Heterocyclic Phosphonates	<i>Synthetic Communications</i>	2014	44(20)	2988-2998	SCI
27	Catalyst-free Green Synthesis for urea and thiourea derivatives of tetramethyl guanidine and evaluation of biological activity, <i>Volume pp.</i>); T. B. Shaik, S. Chennamsetty, S. R. Devineni, J. P. Raj Kumari, N. D. Mundla and N.R. Chamarthi.	<i>Bulgarian Chemical Communications,</i>	2014	46(4)	724 – 730	SCI
28	Synthesis and biological activity of novel diphenyl <i>N</i> -substituted carbamimidoylphosphoramidate derivatives	<i>Phosphorus, Sulfur, Silicon and the Related Elements</i>	2013	188	1228–1235	SCI
29	Synthesis of carbamate and sulfonamide derivatives of amlodipine and their antimicrobial activity	<i>Der Pharmacia Sinica</i>	2013	4(1)	10-16	Google Scholar
30	Synthesis and anti-microbial activity evaluation of phosphorylated urea/thiourea derivatives	<i>Der Pharmacia Lettre</i>	2012	4 (3)	869-874	Scopus
31	A convergent approach for the synthesis of phosphorus containing dendrimer with 4,4'-sulfonyldianiline as core unit,	<i>Archives of Applied Science</i>	2012	4 (6)	2327-2332	Google Scholar

	its electron microscopic study and thermal analysis	<i>Research</i>				
32	Microwave assisted synthesis and anti-Inflammatory activity evaluation of Pyrazole derivatives, , IMC18610, special issue, 307-312; Ch. Subramanyam, B. Sujatha, D. Ravi Kumar and C. Naga Raju.	<i>IJREAM</i>	2018	Confere nce: IMC186 19		UGC
33	Microwave assisted greener approach to synthesize α -aminophosphonates under catalyst free and solvent-free condition and their bioactivity evaluation, , IMC18619, special issue, 327-333; D. Ravikumar, Ch. Subramanyam, S. Mohan and K. Prasada Rao.	<i>IJREAM</i>	2018	IMC186 19		V UGC
34						

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

SI. No.	Name of the Event	Duration	Organized By	Role of the Event
1.	National Conference	13-14, March, 2020	Department of Chemistry, Bapatla Engineering College, Bapatla	Organizing Secretary

Details of Conferences/FDPs/STTPs/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	28 October, 2011	29 October, 2011	Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati, AP,

	Production Challenges”			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 healthy economy"	23rd January- 2016	23rd January- 2016	V.S.R. & N.V.R. College, Tenali, India.
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 and challenges in post COVID-19 world	26-06-2020	27-06-2020	G.G.N. Institute of Management and Technology, Luthiana
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	11-07-2020	11-07-2020	G.G.N. Institute of Management and

	shifting paradigms			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

Awards/recognitions/achievements

S.No	Name of Award	Awarding Agency	Year
1	Best oral presentation award	International conference on ICGTASMH-2022 during 28 th and 29 th October 2022 at REVA University, Bangalore	2022
2	Young Scientist Award	Scientist R Academy, Bangalore	2022
3	Member	Royal Society Of Chemistry, London	2021
4	Associate Member	Royal Society Of Chemistry, London	2020
5	Mentor	CSIR-Summer Research Programme-2020, organized by CSIR-NEIST, JORHAT	2020
6	Certificate of excellence	CSIR, New Delhi	2020
7	"Best Teacher award"	Bapatla Engineering College, INDIA.	2019
8	Life Member	AP AKADEMI OF SCIENCES	2018
9	Associate Fellow	AP Academi of Sciences, Amaravathi, AP	2018
10	Life Member	The Indian Science Congress Association	2017
11	Best oral presentation award	Vikrama Simhapuri University, INDIA	2013

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted	Amount	Year/ duration
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1	Design, molecular docking studies and synthesis of new nucleoside analogues as potential inhibitors of RNA dependent RNA polymerase enzyme of SAS-COV-2	DST-SERB (CRG)	Under review	14,30,196/-	
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Student Project/research guidance

S.No	Level	Total number
1	PG	Completed: 25 Ongoing:-

Administrative experience

S.No.	Role	Duration (From - to)
1	HOD	01-08-2023 TO TILL DATE
2	IQAC, DEPT. COORDINATOR	2022-23
3	NAAC DEPT.COORDINATOR	2022-23
4	NBA, DEPT.COORDINATOR	2022-23
5	EXAM OFFICER	2010-2014, 2018-2023
6	ALUMNI COORDINATOR	2010-TILL DATE

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
Vidwan ID	324291
researchgate	https://www.researchgate.net/profile/Subramanyam-Chennamsetty

Any other relevant information

INTERNATIONAL/NATIONAL CONFERENCE/SEMINAR PRESENTATIONS:

- Poster presented in a National Seminar on "Recent Advances in Heterocyclic Chemistry" JNTUH College of Engineering, Kukatpally, Hyderabad, India, during 04-05 November, 2011.
- Poster presented in a National seminar on "Recent research trends in synthetic organic and natural products chemistry"-2012, March 19-20, Sri Venkateswara University, Tirupati.
- Poster presented in A.P. Science Congress-2012, 14-16, November-2012, Acharya Nagarjuna University, Guntur, India.
- Oral presentation in an International seminar on "Emerging Trends in Synthetic organic and Medicinal Chemistry-2013", 13-15, November-2013.
- Oral presentation in a National seminar on "Nanotechnology in chemical and analytical industry-2014", 8-9, March-2014, Bapatla Engineering College, India.
- Oral presentation in Indian Youth Science Congress Association-2015, 19-21, Jan, 2015, Acharya Nagarjuna University, Guntur, India.
- Oral presentation in National Conference on "Drug Discovery and Development in Chemistry-Applications in Pharma Industry (DDDC-2015)", 14th - 15th September, 2015, S. V. University, Tirupati, India.

8. Poster presentation in National Conference on "Emerging trends in pharmaceutical and Chemical Sciences" (ETPCS-2016) during 28th & 29th March-2016 at Sri Venkateswara University, Tirupathi, India.
9. Poster presentation in *Indian Science Congress Association-2017* during 3-7, January 2017 at Sri Venkateswara University, Tirupathi, India.
10. Oral presentation in an international conference on "Applied Science and Technology-ICAST-2018" during 24th-25st, Jan 2018 at SRKR Engineering College, Bhimavaram, India.
11. Oral presentation in an international multidisciplinary conference on "Knowledge Sharing, Technological Advancements and Sustainable Development" during 30th-31st, March 2018 at P. V. P. Siddhartha Institute of Techonolgy, Vijayawada, India.
12. Oral presentation in national symposium on "Emerging Trends in Organic Chemistry-NSETOC-2018" during 28-29th, Sept. 2018 at KBN College, Vijayawada, India
13. Oral presentation in AP Science Congress-2018 during 9-11 Nov.-2018 at Yogi Vemana University, Kadapa, India.
14. Oral presentation in RACPL-2019 during 13-15 July-2019 at Andhra University, Visakhapatnam, India.
15. Poster presentation in Indian Science Congress 2020 during 3-7 Jan-2020 at University of Agriculture, Bangalore
16. Oral presentation in an international conference on Recent advances in Chemical, Pharmaceutical and Biological Sciences during 5-7, March 2020 at Acharya Nagarjuna University, Guntur, AP, India
17. Oral presentation in RTCPMS-2020 during 13-14, march-2020 at Bapatla Engineering College, Bapatla
18. Oral presentation in "Advances in chemistry and its allied sciences (ACAS2021)" during 17-18th march, 2021 at Acharya Nagarjuna University, Guntur, AP, India
19. Oral presentation in an International conference on "Global Trends in Applied Sciences, Medical and Health Sciences" (ICGTASMH-2022) during 28th and 29th October 2022 at REVA University, Bangalore.
20. Oral presentation in an International Conference on Organic & Medicinal Chemistry (ICOMC-2023) during 28th - 30th June, 2023 at NIT, Warangal

Editorial member/Reviewer for

- a) Phosphorus, Sulfur, And Silicon And The Related Elements
- b) International Journal of Analytical and Applied Chemistry
- c) International Journal of Chemical Synthesis and Chemical Reactions
- d) International Journal of Green Chemistry
- e) Cogent Chemistry, Taylor & Francis publishers

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(Dr.CH.SUBRAMANYAM)
(12-09-2023)