


FACULTY PROFILE

Name of the Faculty:	Dr Srinivasa Rao Nathani					
Designation:	Assistant Professor					
Department:	Chemistry					
Date of Birth:	15-07-1979					
AICTE – ID:	1-431095803					
Education	<ul style="list-style-type: none"> B.Sc in Botany, Zoology and Chemistry from NBT&NVC college, Narasaraopet in 2000. M.Sc in Organic chemistry from Barkatullah University, Bhopal in 2002 PhD in Organic chemistry from Dr Hari Singh Gour Central University, Sagar in 2007. 					
Experience	Teaching: 13 Years	Industry: 06 Years	Total: 19 Years			
	Research: 14 Years	Others:-				
Research Specialization	Synthetic organic chemistry					
Courses taught	<u>UG :</u> <ol style="list-style-type: none"> 1. Engineering chemistry-I 2. Engineering chemistry-II <u>PG :</u> <ol style="list-style-type: none"> 1. Organic spectroscopy-I 2. Advanced Organic Chemistry 3. Techniques for modern Industrial applications 4. Alkaloids and phenothiazines 					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1.	One–pot synthesis of Benzimidazoles by using Metal sulfide Nanoparticles	Science Spectrum	2022	07	65-69	-

2.	Cobalt-catalyzed domino C-N cross-coupling reaction between phenyl(2-halo)isothioureia and aryl halide	Phosphorus, Sulfur, and Silicon and the related elements	2021	196	559–568	SCI
3.	Antimicrobial Activity of Benzimidazoles Derivatives	International Journal of Management and Humanities (IJMH)	2020	04	23-27	Google Scholar
4.	Development and Validation of a Stability indicating Related Substances of Baricitinib by RP-HPLC and its Degradation	International Journal of Management and Humanities (IJMH)	2019	04	04-09	Google Scholar
5.	Synthesis, characterization and pharmacological evaluation of some 1,4- dihydropyridines derivatives.	Indian Council of Chemist	2015	7(10),	982-987	Google Scholar
6.	Synthesis and antimicrobial activity of some 1,4- dihydropyridines derivatives	Scientific Reviews & Chemical Communications	2013	3(3)	141-149	Scopus
7.	Synthesis and Antimicrobial activity of 2,3-(Substituted phenyl) Pyrazine Dicarboxamide.	Asian Journal of chemistry	2007	19(1)	821-822	Scopus
8.	Synthesis and biologically activity of 1-(2', 4' dinitro phenyl)-3-(4'-chloro pheny) –5- (aryl substituted)-2-pyrazolines.	Journal of Institution of chemists	2004	76,	107	Scopus
9.	Synthesis and antimicrobial activity of Bis [2-(submitted phenyl)-5-carboxy methyl-4-Thiazolidinone] derivatives of dapsone.	Asian Journal of chemistry	2004	16(3)	1961	Scopus
10.	Synthesis and antimicrobial activity of 1-(Phenyl-3-(4'-chloro phenyl)- 5- (aryl substituted)-2-pyrazoline	Asian journal of Chemistry	2004	16(3)	1959	Scopus

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

S.No.	Name of the event	Role	Dates
1	National conference on “Recent trends in chemical, pharmaceutical & material science (RTCPMS-2020)	Programme Coordinator	13 to 14 th March, 2020

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

S.No.	Name of the event	Organized by	Dates
Online Course			
1.	Online Course completed “COVID-19 Training for Healthcare Workers” an online non-credit course authorized by	Stanford University and offered through, Coursera	26 - Feb - 2021
2.	Online Course completed “COVID-19 Contact Tracing”	Johns Hopkins University and offered through Coursera	Feb 26, 2021
3.	Online Course completed “How to write and publish a scientific Paper”	Coursera	07-06-2020
4.	Online Course completed on “Introduction to Chemistry: Reactions and Ratios”	Duke University and offered through Coursera	14-05-2020
5.	Online Certificate Course on “Soft Skills”.	Pioneer Kumaraswamy College,	27th July to 4th August 2020
Short term Course			
6.	Short term Course On “Chemistry of Advanced Functional Materials” Department of Chemistry,	NIT, Srinagar	21-25, September, 2020
7.	Short Term Course on “Innovation, Novelty and Intellectual Property Rights”	NIT, Jalandhar, Punjab.	28 th , August, 2020 to 01, September, 2020
8.	Online Short Term Course “Essential Tools in Optimization” at	Dr. B. R. Ambedkar National Institute of Technology, NIT Jalandhar, Punjab	25 th -29 th June, 2020
Lecture series			
9.	Online International Lecture series On “Bridging research perspectives-2020”	Government Vidarbha Institute of Science and Humanities Amaravathi (M.S), India	15 th to 17 th July 2020.
Oral Presentations			
10.	Oral Presentations on “Introduction On Virus (Sars-Cov-2) And Symptoms” International Webinar on Recent Advances in Science and Technology During the Corona Virus Pandemic- 2020,	BIT Mesra Ranchi (India)	
11.	Oral Presentations On “One–Pot Synthesis Of Benzimidazoles By Using Metal Sulfide Nanoparticles”	Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences	24 th - 26 th July 2020
Conferences			
12.	National Online Conference on “Innovations in pharmaceutical and Biological science”	SyduS publications, Kerala in	29 th - 30 th August 2020.

		association with Kalinga Biomedical Research Institute and Training Establishment, Sambalpur, Odisha.	
13.	One day International Virtual Conference on "Physical fitness and Yoga remedy to Covid-19" ,	Dr. Ambedkar law University, Chennai	26th June 2020
14.	Participation for attending the International Online Conference on 'Emerging Trends in Healthcare Technology in Post-COVID-19 Era',	SPARC Cell and SMST, Indian Institute of Technology (IIT-Kharagpur)	8th - 9th August, 2020
15.	National conference on "Recent trends in chemical, pharmaceutical & material science (RTCPMS-2020)	Department of Chemistry, Bapatla Engineering College, Bapatla	13 to 14 th March, 2020
16.	1 st International Conference Participated On "Recent advances in Chemical, Pharmaceutical and Biological Sciences"(RCPABS-2020),	Department of Chemistry, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur	5 th to 7 th March, 2020
17.	A National conference on "Nanotechnology in chemical and allied industries"	Bapatla engg college	7 th – 8 th March 2014
Seminars			
18.	Two days National level seminar On "Quality improvement via accreditation and ranking"	IQAC- Bapatla Engineering College	28 th -29 th June 2021.
19.	National Seminar (Virtual) on "Green Chemistry- An Approach for Healthy Environment" organised by the on Date	Government College Timarni, Dist-Harda (M.P), Department of Chemistry and IQAC under the project of World Bank	26-02-2021
20.	National Seminar on "Ancient Indian Education System"	NITTTR, Kolkata	11 th and 12 th November, 2020
21.	National virtual seminar participation "Importance of technology in current global scenario"	Govt. narmada college, Hoshangabad (M.P.)	11 th June, 2020
22.	A national Crop seminar on "Entrepreneurship development for millet products",	Bapatla College of Pharmacy, Bapatla	17 th March, 2018
23.	UGC sponsored national symposium on "Emerging trends in organic chemistry"	KBN College Vijayawada	28 th to 29 th sep 2018
24.	National poster symposium on "Recent trends in Discovery and pharmaceutical Drug Development",	Bapatla college of pharmacy	2 nd December, 2017
25.	A National seminar on "Advances in the	Andhra Loyola College,	14-15 August 2016

	<i>synthesis of nanomaterials and their multi dimensional applications in chemical & Bio Science</i>	Vijayawada	
26.	UGC sponsored National seminar on "Green chemistry for a sustainable and healthy economy"	Department of chemistry, VRS & NVR College, Tenali	23 rd January 2016,
27.	A National seminar on "Recent trends in Chemistry"	KRK Govt.Degree College, Addanki	22-23August 2014
Workshops			
28.	Three days National Workshop On "NAAC Assessment and Accreditation: A Step by step process	" Chadalawada ramanamma Engineering College, Tirupathi	27 th to 29 th May 2021
29.	Workshop on "Use of LATEX in typesetting technical documents"	NIT, Jalandhar , Punjab	31 st August,2020 to 04 th September,2020
30.	National Workshop on "SkillBuilding: Creating &Empowering Leaders of Tomorrow"	Kannada sangh pune's kaveri college, Pune ,	28 th 29 th August and 3 rd to 4 th Sep 2020
31.	Five days Online international workshop on "Intricacies of NAAC assessment for better scoring"	St. Francis de sales College, Nagpur, Maharashtra	27-31 July,2020
32.	One Week Online National Workshop on ""Environmental and Ecological Perspective in Current Scenario"	Department of Chemistry and Commerce & Management , Balwant College	15 th July to 21 st July, 2020
33.	One weak Online Workshop on "Blended E-Learning"	JNTUK College of Engineering Vizianagaram	06 th to 10 th July 2020.
34.	National online workshop participated on "NAAC Assessment and Accreditation: A step by step process"	GATES Institute of technology, Ananthapuramu, A.P	28 th to 30 th May,2020.
35.	National online workshop participated on "Research Methodology" tuning your skill in research proposals"	Sri YN College, Narsapur	28 th and 29 th May 2020
36.	Workshop on "Intellectual property and innovation management"	Bapatla Engg College, Bapatla	31 st to 1 st sep .2018
37.	A National workshop on "Instrumentation Techniques for Research in Science and Technology" held on	Vignan's University , Guntur	9 th Nov.2013
Faculty Development Program(FDP)			
38.	Two-days international virtual (FDP) on "Innovative Techniques for Effective Teaching Online and Offline"	Mahatma Gandhi Institute of Technology , Hyderabad	12-13 June, 2020.
39.	A Two-days national Faculty Development Programme(FDP) participated on "Analytical and Diagnostic	Andhra University , Visakhapatnam and Andhra Pradesh	05.06.2020 to 06.06.2020

	Tools in Chemical and Life Sciences”	Akademi of Sciences.	
40.	Three days international online Faculty Development Program (FDP) “Technology for healthcare”	GMR Institute of technology,Rajam AP	08 th 10 th June 2020.
41.	One-Week Online Faculty Development Programme on “Mentoring Pedagogy and Teaching for Higher Education”	E&ICT Academy IIT Guwahati in association with the Department of English, Bapatla Engineering College, Bapatla	03 – 10 August, 2020
42.	Faculty Development program on “Recent development in chemical research for social applications”	Department of Chemistry, Yogi Vemana University,	3 rd to 8 th August,2020, Kadapa
43.	Faculty Development program on “Frontiers in Material Science Research”,	Madanapalle Institute of Technology& Science	24-28 th August,2020
44.	National level one week Faculty development pogram on “Research Methodology” Organised by From	Amar seva mandal’s kamala Nehru Mahavidyalaya ,Nagpur.	26 th April to 1 st May 2021
Webinars			
45.	Webinar on “Science and technology education for the new prosperous happy and healthy India”. On	Amity University, Gurugram	28 th May 2020.
46.	One day National Webinar on “Preservation of Module Networks across Independent Datasets”	Dr. BR Ambedkar National Institute of Technology(NIT) Jalandhar	June 29, 2020
47.	National Level Webinar on “Total Synthesis of Natural Products using chiral pool compounds.	Department of Chemistry, Andhra Loyola College(A),Vijayawada	19 th July, 2020.
48.	National Webinar on “ICT Tools to Teach Chemistry Online with Simulation Chemistry Labs”	Department of Chemistry , Siddhartha College Of Arts & Science::Vijayawada	27-07-2020
49.	National webinar on “Research Competencies and Publications”	Mahaveer University, Delhi Road, Moradabad, Uttar Pradesh,	31st July, 2020
50.	International Webinar on “Work Culture in Changing Time”	Department of Commerce, Mahatma Gandhi Central University, Bihar, India in association with University of Guadalajara, Mexico	4th August 2020
51.	Three day’s International Webinar “Recent Advances in Science and	Department Of Chemistry Birla	18 th to 20 th July 2020,

	Technology During the Coronavirus Pandemic (IRSTCP-2020)	Institute Of Technology (BIT) Mesra, Ranchi - Jharkhand	
52.	National webinar on “Recent trends in Organocatalysis”.	Chemistry division, Vignan’s University	29 th May 2021

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Department Best Teacher Award	Bapatla Engineering College	2021

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: - Ongoing: -
2	PG	Completed: 15 Ongoing: -
3	PhD	Completed: - Ongoing: -

Administrative experience

S.No.	Role	Duration (From – to)
1.	¼ B.Tech IT-A Class Coordinator	2010-2011
2.	¼ B.Tech Civil-A Class Coordinator	2011-2012
3.	¼ B.Tech IT-A Class Coordinator	2012-2013
4.	¼ B.Tech IT-A Class Coordinator	2013-2014
5.	¼ B.Tech Civil-A Class Coordinator	2014-2015
6.	¼ B.Tech CIVIL–A Class Coordinator	2015-2016
7.	¼ B.Tech Civil-A Class Coordinator	2017-2018
8.	M.Sc –(F)Organic Chemistry Class Coordinator	2018-2019
9.	M.Sc –(F)Organic Chemistry Class Coordinator	2019-2020
10.	M.Sc –(F)Organic Chemistry Class Coordinator	2020-2021
11.	¼ B.Tech EC-B Class Coordinator	2021-2022
12.	¼ B.Tech CSE-B Class Coordinator	2022-2023
13.	Time table Incharge	2014-2015
14.	Squad Member	2015-2016
15.	Squad Member	2016-2017
16.	Chemistry department NBA coordinator	2018-2019
17.	Chemistry department NBA coordinator	2019-2020
18.	Chemistry department NBA coordinator	2020-2021
19.	Engineering chemistry Question paper setting	2020-2021
20.	Engineering chemistry Question paper setting	2021-2022
21.	Department Criteria-3 NAAC coordinator	2021-2022

22	Department Criteria-3 NAAC coordinator	2022-2023
Research credentials		
Index/database	ID/Link	
Google Scholar	https://scholar.google.com/citations?user=orjiv7gAAAAJ&hl=en	
Vidwan ID	144426	
Orcid No	0000-0001-7965-6587	
Web of Science	HHY-8050-2022	
Research ID	rid40137	
Any other relevant information		
(Dr.Srinivasa Rao Nathani) (15-09-2023)		