



Smt. NPS GOVT.DEGREE COLLEGE FOR WOMEN

Chittoor, Andhra Pradesh

www.npsgcwctr.edu.in

(ISO 9001:2015 Certified Institution)

(Accredited by NAAC with B Grade)

Affiliated to Sri Venkateswara University: Tirupati



Dr. P. SUREKHA		
Assistant Prof.of Chemistry		
Email	surekhanps@gmail.com	
Academic Qualifications: M. Sc. (OrganicChemistry),B.Ed.,Ph.D., CSIR- NET,AP SET,GATE,PGDCA,PGDHE		
Teaching Experience (Year)	14 Years	
Area of Research/ Specialization	Organic Chemistry	
Publications	9 Research Papers, 1 Book & 7 Book Chapters,Patents-01	

Seminars/conferences/fdps /work shops: **Dr.P. SUREKHA**

Name of the Teacher: P.SUREKHA, Assistant Professor
Dept. of Chemistry

Qualifications: M.Sc.,B.Ed.,Ph.D,PGDCA,PGDHE

Mail.ID:pinnintisurekha456@gmail.com

Publications:

ORCID ID: [https://orcid.org/ 0000-0003-0639-3821](https://orcid.org/0000-0003-0639-3821)

VIDWAAN ID: <https://vidwan.inflibnet.ac.in/profile/86763>

GOOGLE SCHOLOR ID: https://scholar.google.com/citations?hl=en&user=3Zo_7pEAAAAJ

Life time member in ACT(Association of chemistry Teachers),Mumbai

Sl.No.	Title of The Paper	Name of The Journal and Year of The Publication	Volume/Page Numbers/ISBN/ISSN Numbers	Impact Factor
1	Nano Copper Ferrite Catalysed Sonochemical One-Pot Three And Four Component Synthesis Of Poly Substituted Imidazoles	MODERN RESEARCH IN CATALYSIS 13-01-2016	Modern research in catalysis 2016,5,31-44	3.5
2	Accreditation and	Raja Rammohun	ISBN” No.	

	Quality Assurance in Higher Education	Roy National Agency, Department of Higher Education, Ministry of Human Resource Development, Government of India.	9789353910488 November 2019	
3	Quality of Higher Education in India and its Overview	Conference Proceeding of National level Virtual Conference on NC4E	ISBN: 9789354194801 November 2020	
3	Gender justice and work place Security	International Peer reviewed indexed research journal- B.AADAR	ISSN: 2278-9308, November 2020	7.675
4	Nano materials composition for drug delivery and method there of	Indian patent publication –patent	Application no:202141056776	10/12/2021(publication date)
5	Un biased education system-implementation suggestions for promoting gender equity	AIFUCTO Statutory conference	7-9 th January 2022	COMMUNICATED TO UGC

6.	Nano Copper Ferrite Catalyzed One-Pot Synthesis Of Polyhydroquinoline Derivatives Through Multi-Component Hantzsch Condensation	International Journal of Multidisciplinary Empirical Research (IJMER) A Peer Reviewed (Referred) International Journal	Vol. VII, Issue 1(1) (January – 2020)	ISSN : 2349-9656 4.2
7.	Nano Copper Ferrite As Heterogeneous Catalyst For The One-Pot Synthesis Of Acridine Derivatives	International Journal of Multidisciplinary Advanced Research Trends (IJMART) A Peer Reviewed (Referred) International Journal	Vol. VIII, Issue 2(1) (JULY – 2021) ISSN : 2349-7408	3.5
8.	Optical applications of sol-gel nano-composites	ELSEIVER Contents lists available at ScienceDirect Materials Today: Proceedings journal homepage: www.elsevier.com/locate/matpr	March 2022 s, https://doi.org/10.1016/j.matpr.2022.02.429	26.4
9.	Women Empowerment- Gender Equity	75 Years of Indian Independence and Changing Nature of National Security	First Published, 2022 ISBN: 978-93- Published by: Bharti Publications	

10.	Need of women empowerment in 21 century:challenges and oppurtunities	Isbn edited book	Editorial group member December 2021	-
11.	One-Pot Synthesis of Substituted Pyridine	Journal-Nanoscale Reports 4(2) (2021) 4-6	DOI:10.26524.nr.4.13 April 04-2022	https://journals.eleyon.org/index.php/nr/article/view/456 7.79
12	Cyber Security and Hacking	ISBN	12-11-2022	
13.	Role Of Women in Entrepreneurship-Problems and Prospectus: An over view	ISBN	24-03-2023	

Paper/Poster presentations:

Sl. No .	Workshop/ Seminar/ Conference	National/ International	Date	Title of The Paper	Paper/poster	Place
1	Basic Research and Analysis in Nano Science(BRAIN-2021)	Ugc Sponcered National Seminar	18,19 march 2021	Nano Cobalt Ferrite Catalysed One Pot synthesis of Poly hydro quinolines	Paper-oral	Acharya NagarjunaUniversiy,Guntur
2	Teacher Education in the 21 century:vision and action	National	8-10 march 2021	Web technologies in teacher education	Paper-online	RIE(NCERT) BHOPAL
3	International Conference on “Recent Advances in Chemical, Pharmaceutical and Life Processes (RACPL-2019)	International	13 th -15 th July, 2019.	Sulphonic acid functionalized wang resin as polymeric acidic catalyst for the eco friendly	Poster presentation	Andhra University, Visakhapatnam

				synthesis of of 2-amino 4 aryl quinoline 3 carbonitrile derivatives		
4.	National conference on Recent trends in nanoscience and green chemistry for sustainable development(NCRTNGCS-2020)	NATIONAL	27-28 FEB 2020	Nano cobalt ferrite catalysed one pot synthesis of poly hydro quinoline derivatives	Poster presented – online	St. Josephs college for women(A) Visakhapatnam in Association with CCRS –Visakhapatnam
5	International conference on multi disciplinary research in science,technology,humanities(ICMRS TH-2021)	international	22-12-2021	One pot synthesis of pyrimidine 2-thiones and substituted 2-amino thiazoles with nano copper ferrites	Paper-online mode	SAGE UNIVERSITY,INDORE
6	International conference on emerging trends in material science(ETMS-2021)	International	Nov 2021	Green synthesis of artibutary suvelorns medicated silver nano particles and its larvicidal activities	Paper online mode	Tamilnadu university

7.	2 day webinar on student empowerment programme	international	27-28 june-2020	Given talk as women empowerment cell coordinator	presented	All India Psychological Association
----	--	---------------	-----------------	--	-----------	-------------------------------------

E- Content Generation:

Sl.No.	Name of the Portal	Name of the Topic	Semester
1	CCE –LMS	IFRARED SPECTROSCOPY APPLICATIONS(English medium)	Semester-IV
2	CCE –LMS	IFRARED SPECTROSCOPY APPLICATIONS(Telugu medium)	Semester- IV
3.	CCE-LMS -LSC ENVIRONMENTAL EDUCATION	TEXT BOOK	SEM-III

FDPs and Trainings:/ARPIT-MOOCs(RC/OC):

Sl.No..	FDPs/ Trainings	Duration Month &Year	Place
1	UGC Sponsored FDP in chemistry	December 2018	MR. College, Viziayanagaram
2	Comprehensive Online Modified Module for	30 th July 2019	AP HRDC, Srikalahasti

	Induction Training (COMMIT)”, the new training Initiative from DOPT		
3	15 Day online FDP on digital marketing and web designing	1 st July 2020 to 3 rd July 2020.	Andhra Pradesh State Skill Development Corporation(APSSDC).
4	Online Refresher Course in Chemistry for Higher Education Faculty (ARPIT)-RC	30 th March,2019	Sri Guru TeghBahadurKhalsaCollege ,University of Delhi ,SWAYAM ARPIT Online Course Certification
5	ICT SKILLS IN EDUCATION (STTP)	10 th Nov, 2019	SWAYAM, MOOCs,MHRD, Govt. of India.
6	Online Refresher Course in Chemistry for Higher Education Faculty (ARPIT)-RC	16 th February, 2020	Sri Guru TeghBahadurKhalsaCollege ,University of Delhi ,SWAYAM ARPIT Online Course Certification
7	Online – Three Day National Training Programme on “Coastal Disaster Risk Reduction & Level Resilience	17 th to 19 th June 2020	National institute of Disaster Management (NIDM) Ministry of Home affairs, New Delhi in Collaboration with Andhra Pradesh Human Resource Development Institute (APHRDI)Bapatla, Guntur

			District.
10	4-Week Induction/Orientation Programme for successfully completed a 4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”(OC)	June 26 th to July 24 th , 2020	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY Of Human Resource Development Pandit Madan Mohan Malvaiya National Misson On Teachers And Teaching
11	5 day FDP on New Knowledge, Advanced teaching and Research: New Frontiers and Emerging Technologies(FDP-CCE)	1 st to 5 th July 2020	Commissioner ate of Collegiate Education, Govt. of Andhra Pradesh
12	Two weeks FDP On Advanced concepts for Developing MOOCs(FDP-MHRD)	2 nd to 17 th July 2020	Teaching Learning Center, Ramanujan College, University of Delhi Sponsored by MHRD, Govt. Of India, PMMMNM on Teachers and Teaching
13	5 Day FDP on LMS video & pedagogy on the theme of Imagining and shaping of Digital Education & LMS Towards Development of	3 rd August to 7 th August, 2020	Commissioner ate of Collegiate Education, Govt. of Andhra Pradesh

	High quality e- Content : Video making, APP Based end to end editing tools,vOER, OBS Studio , Pedagogy and Assessment. (CCE-FDP)		
14	5 day FDP on Nano material characterization techniques and Results analysis methodology Ideas (FDP-HRDC)	27 th July to 31 st July 2020	UGC- HRDC, PMMMNMIT Savithribai phule pune university
15	One week Recent Trends In Research Article Writing (REST- SOCIETY)	22-27 march 2021(online mode)&qualified the Concerned Exam	REST Society, Krishnagiri Tamilnadu
16.	3 day FDP on indirect effects of covid -19 on environment	International level 10-12 th june 2020	JMJ College for women A,Tenali,AP
17.			
18.	One week fdp on Imparting ict tools and techniques for effective learning	international	SLKMIT,Chandrapur
19.	3 day FDP on outcome based educatin	International,22-24 july 2020	RAI university
20.	One week FDP on Emerging technologies and changing scenario in material Research	International,augus t 2020	Santhiram Engineering College,Kurnool,AP
21.	One week FDP on Recent Developments on	International 3-8 august,2020	Yogi vemana University

	Chemical research for societal applications		
22.	one week FDP On introduction to computers	15/12/202-21/12/2020	Iit spoken tutorial project-mumbai

Workshops/Seminars/Conferences

Sl. No.	Workshop/ Seminar/ Conference	National/ International	Date	Title of The Paper	Organisation/ Presentation /Participation	Place
1	Two Day workshop sponsored by Indian Academy of Sciences – Recent advances in Modeling spectroscopy	National	14 th &15 th December 2018		Participated	MR. College, Viziayan agaram
2	International Conference on “Recent Advances in Chemical, Pharmaceutical and Life Processes (RACPL-2019)	International	13 th -15 th July, 2019.	Design and Synthesis of novel 3-Indolyl-5-Phenyl-1,2,4-Oxadiazoles”	Poster presentation	Andhra University, Visakhapatnam
3	National conference on Recent trends in nanoscience and green	NATIONAL	27-28 FEB 2020	Nano cobalt ferrite catalysedone	Poster presented – online	St.josephs college for

	chemistry for sustainable development(NCRTNG CS-2020)			pot synthesis of poly hydro quinoline derivatives		women(A) Visakhapatnam in Association with CCRS – Visakhapatnam
4	National seminar on “Bioinformatics		22 nd & 23 rd February 2019		Participation	Sri Venkateswara institute of medical sciences (SVIMS) university, Tirupathi
5	International Webinar- Two Day Online Faculty Development Programme on “CHEMICAL SAFETY AND ENVIRONMENTAL PROTECTION”	International	18 th &19 th May 2020.		Participation	Government College Autonomous, Rajahmundry, Andhra Pradesh
6	NAAC Sponsored A Two Day National Workshop on	National	6 th – 7 th November 2019.	Emerging Trends in Quality of	Participated	Smt. NPS. Govt

				Higher Education & The Role of IQAC”		Degree college (W), Chittoor
7	UGC Sponsored A One Day Workshop	National	5 th February 2020	Capacity Building – New Education Policy 2019& Examination Policy (CBNEP-2020)”	Participated	PVKN Govt. College (A), Chittoor
8	A Two Day NAAC Sponsored National Workshop	National	7 th -8 th February 2020	Quality Initiatives and Evaluation Reforms to Assess HEIS- The Role of IQAC”	Participated	Govt. Degree College (W), Srikalahasti
9	A One Day Workshop	State level	3 rd March 2020	Opportunities in Plastic waste management and Recycling Techniques (OPWMRT-2020)”	Organised	Smt. NPS. Govt Degree college (W), Chittoor
10	Online Quiz	State level	15 th May	Viskha LG.	Conducted	Smt.

			2020	Polymers Gas Leakage		NPS. Govt Degree college (W), Chittoor
11	One Day Webinar on“ World Ozone Day Celebrations (35 years of Ozone Celebrations)	State Level	16 th September	Save Our Nature to Save Our Future – Ozone for Life	Organized	Smt. NPS. Govt Degree college (W), Chittoor
12.	Online Quiz	State level	6 JUNE 2020	CHEMISTR Y IN DAILY LIFE	Conducted	Smt. NPS. Govt Degree college (W), Chittoor
13.	2 day webinar on Emerging trends in chemistry with emphasis on research guidance	Internation al	13-14 june 2020	-	participated	Govt.Col lege for women(A),Guntu r
14.	2 day Conference on covid 19 impact on indias foreign policy	Internation al	2-3 june2020	-	participated	SG college,S hivle,Mu mbai universit y
15	.one day webiar on Emergeig trends –	Internation al	18 june	-	participated	ANU guntur

	human trafficking during covid-19					
16	2 day webinar on student empowerment programme	International	27-28 june-2020	Given talk as women empowerment cell coordinator	presented	All India Psychological Association
17.	One day webinar on “Career improvement guidelines”	National	26 june 2020	-	participated	Gitam University
18.	Recent advances in modern analytical techniques	National	22-24 june 2020	-	participated	Andhra university
19.	Webinar on Heterogeneous catalysis: rudiments	International	13 july 2020	-	participated	Osmania University
20.	NAAC Assessment and accreditation process on AQAR	International	14 JULY 2020		participated	Anjuman college, Nagpur
21.	7 days workshop on Environmental and ecological perspectives of Current Scenario	international	15-21 july 2020		participated	Balwant College, Vita
22.	Conference on RTNSA-2020	International	16-18 JULY 2020		participated	MIT-Madanpalle
23.	Webinar on Scintillating Chemistry	National	28 june 2020		participated	ACT, Mumbai
24.	Webinar on Work culture and changing times	International	4 august 2020		participated	Mexico University
25.	Two day webinar on	National	July 2020		participated	Adikavi

	Demonstration of online Tools					nannaya universit y
26.	Conference on nano materials FIVCON- 2020	Internation al	10-12 SEP 2020		participated	ANU,Gu ntur