

CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN (AUTONOMOUS), ELURU
Department of Chemistry - UG & PG LIST OF PUBLICATIONS (June 2022 to April 2023)

S. No	Department	Title of the Paper	Name of the Author	Name of the journal	ISSN number	Year of publication	Link	doi number	Vol.No , Issue No &Page No.	UGC/S COPUS /SCI
1	Chemistry	Improving the cooling performance of the straight finned heat sink (SHS) for computer processor using an inorganic PCM	Dr.C.A.Jyothirmaye	Materials Today: Proceedings	2214-7853	July 2022	https://doi.org/10.1016/j.matpr.2022.07.156		PP1-5	SCOPUS
2	Chemistry	New Method For The Simultaneous Estimation Of Fenofibrate And Pitavastatin By Using Rp-Hplc In Bulk And Pharmaceutical Dosage Form	Dr.C.A.Jyothirmaye	YMER	ISSN : 0044-0477	July 2022	http://ymerdigital.com/		VOLUME 21 ISSUE 7 (July) – 2022 PP891-901	Google Scholar
3	Chemistry	Biosensors trends, technologies, opportunities and challenges	Dr.C.A.Jyothirmaye Dr.V.Nagalakshmi Dr.N.Gayatri Devi Dr.K.Sreelatha	Journal of Emerging Technologies and Innovative Research (JETIR)	ISSN-2349-5162	June 2022	http://www.jetir.org/		Volume 9, Issue 6 PP394-400	Google Scholar

4	Chemistry	Spectroscopic Studies On Bi ₂ O ₃ Based HeavyMetal Oxide Glasses Doped With CopperIons For Far Infrared Window Applications	Dr.C.A.Jyothirmaye	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391	June 2022			Volume 9, Issue 6 Page No: 1572-1577	UGC Care list
5	Chemistry	Analysis of wear behavior and shear properties of nano – ZnO ₂ /jute fiber/ epoxy composites by Hand layup technique	Dr.M.Rama	Materials Today: Proceedings	2320-2882	September 2022		https://www.sciencedirect.com/science/article/pii/S2214785322055006?dgcid=author#	Volume 10 Issue 3 I.F 7.97	SCOPUS
6	Chemistry	THE ELEMENT OF EMOTIONAL INTELLIGENCE AND THEIR IMPACT ON SOCIAL RELATION	Dr.V.Nagalakshmi Dr.EstherKalyani	International Journal of Early Childhood Special Education (INT-JECSE)	1308-5581	July 2022	https://www.int-jecse.net/abstract.php?id=1443	https://www.int-jecse.net/index.php	Vol 14, Issue 03	WOS
7	Chemistry	ANTI-TERRORISM & RIOT (ATR) ROBOT –THE TECHNOLOGICAL INTERVENTION	Dr.V.Nagalakshmi Mrs.K.J.Subhashini	International Journal of Early Childhood Special	1308-5581	July 2022	https://www.int-jecse.net/data-cms/artic	DOI:10.9756/INTJECSE/V14I5.318	Vol 14, Issue 05 PP 3049-3054	WOS

		TO DOMESTIC TERRORISM		Education (INT-JECSE)			les/20220719062430pm318.pdf			
8	Chemistry	Valorization of Hazardous Materials along with Biomass for Green Energy Generation and Environmental Sustainability through Pyrolysis	Dr.V.Nagalakshmi	Journal of Chemistry	2090-9071	August 2022	https://doi.org/10.1155/2022/2215883		Volume 2022 PP1-9	SCOPUS
9	Chemistry	A Comprehensive Review on Green Synthetic Approaches and Applications of 3d-Series Metal Oxide Nanoparticles	Dr.V.Nagalakshmi	Asian Journal of chemistry	2478-2488	September 2022	https://doi.org/10.14233/ajchem.2022.23904		Vol. 34, No. 10 (2022) PP2478-2488	SCOPUS
10	Chemistry	Bio analytical and analytical method quantitative to tucatinb estimation in pure and pharmaceutical dosage form	Dr.V.Nagalakshmi	YMER	0044-0477	August 2022	http://ymerdigital.com/		Vol.21, Issue 08	Google Scholar
11	Chemistry	Removal of Methyl Red Dye Effectively Using Sorbents Obtained from Bark and Leaf of Erythrina	Dr.K.Swarnalatha	Caribbean Journal of Science and Technology	86452	June 2022		10.55434/CBI.2022.10104	2022, 10(1), pp20-27	SCOPUS

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12	Chemistry	FT-IR and UV-Visible Spectral Analysis of Adhatodavasica Leaves in Various Solvent Extract	Dr.K.Swarnalatha	High Technology Letters	ISSN NO : 1006-6748	June 2022	https://www.scopus.com/sourceid/12667	http://www.gistx-cn/gallery/65-june2022.pdf	Volume 28, Issue 6, 2022 IF:2.7	SCOPUS
13	Chemistry	Magnetohydrodynamic Radiative Simulations of Eyring–Powell Micropolar Fluid from an Isothermal Cone	Dr.K.Swarnalatha	Int. J. Appl. Comput. Math	2349 -5103	24.08.2022	https://doi.org/10.1007/s40819-022-01436-9	https://doi.org/10.1007/s40819-022-01436-9	1-29	Springer
14	Chemistry	Influence of Nano-Fe ₂ O ₃ concentration on thermal characteristics of the water based Nano-fluid	Dr.N.Gayatri Devi	Materials Today Proceedings	ISSN 2214-7853	Sept-22	https://www.materialstoday.com/	https://doi.org/10.1016/j.matpr.2022.04.995	Volume62, part4,2022, pages2392-2395	SCOPUS- Elsevier journal
15	Chemistry	Influence of physical characteristics of graphene/Al ₂ O ₃ composites employing nano particles based organic phase changing materials	Dr.N.Gayatri Devi	Materials Today Proceedings	ISSN 2214-7853	Nov-22	https://www.materialstoday.com/	https://doi.org/10.1016/j.matpr.2022.11.137	Article in press	SCOPUS- Elsevier journal

16	Chemistry	Evaluation of ultrasonic velocity models on Propiophenone with 2-Alkoxyethanols at $T = 303.15-318.15$ K	Nanduri Gayatri Devi *1, N. V. N. B. Srinivasa Rao2, C. A. Jyothirmayee1, V. Nagalakshmi1, K. Sreelatha1, D. Ramachandran3	YMER	ISSN : 0044-0477	Mar - 2023	http://ymerdigital.com		VOLUME 22 :ISSUE 03 Page No: 527-538	SCOPUS
17	Chemistry	GC Method Validation for the Analysis of Menthol in Suppository Pharmaceutical Dosage Determination of Menthol in GC-Fid Method	V. Nagalakshmi C. A. Jyothirmayee M. RamaK. Swarna Latha, N. Gayatri Devi	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455-6211	April 2023	www.ijaresm.com		Volume:11 Issue :4 Page No:1592-1597	Google scholar
18	Chemistry	Simultaneous method development and validation of eplerenone and torsemide by using hplc in bulk and pharmaceutical dosage form.	1Dr.M.Rama , 2Dr.V.Nagalakshmi 3Dr.K.Swarnalatha	International Journal of Research and Analytical Reviews (IJRAR)	(E-ISSN 2348-1269, P- ISSN 2349-5138)	April 2023	www.ijrar.org		Volume:10 Issue :2 Page No:457-463	Google scholar
19	Chemistry	Method development and validation of doravirine in bulk and pharmaceutical dosage form by using uv spectrophotometer	Dr.Kurapati. Swarna Latha1* Khandavalli Subhashini, , Nimmala Madhavi, , B.Sruthi Rajkamal	YMER	ISSN : 0044-0477	April 2023	http://ymerdigital.com		Volume:22 Issue:4 Page No: 1416-1421	Web of Science

20	Chemistry	Development and validation of a gc-fid assay for determination of quercetin in a pharmaceutical preparations	Dr. Kurapati. Swarna Latha1* Chikkala. Angeline Jyothirmayee7 , Manne Rama8 , Vedula Nagalakshmi9 , Nanduri Gayathri10	YMER	ISSN : 0044-0477	April 2023	http://ymerdigital.com		Volume:22 Issue:4 Page No: 1404-1415	Web of Science
21	Chemistry	A Stability Indicating UV Method for the Estimation of Remogliflozin Etabonate in Bulk and Pharmaceutical Formulations	N. Madhavi, Nanduri Gayatri Devi, K. J. Subhashini	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455-6211	April 2023	www.ijaresm.com		Volume:11 Issue:4 Page No: 1386-1391	Google scholar
22	Chemistry	A Stability-indicating RP- HPLC technique for the determination of Netarsudil Mesylate in pharmaceutical bulk formulations.	Nanduri Gayatri Devi, V. NagaLakshmi, NVNB Srinivasa Rao	IOSR Journal of Applied Chemistry (IOSR-JAC)	e-ISSN: 2278-5736.	April 2023	www.iosrjournals.org	DOI: 10.9790/5736-1604014960	Volume:16 Issue:4 Page No: 49-60	Web of science
23	Chemistry	Development and Validation of Ketorolac Tromethamine in Bulk and Pharmaceutical Dosage Form by Using UV Spectrophotometer	Mrs. KJ Subhashini , Mrs. Sruthi Raj Kamal, Mrs. Arnl Sireesha, Mrs. Y Rajani4	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455-6211	April 2023	www.ijaresm.com		Volume:11 Issue:4 Page No: 1436-1442	Google scholar

24	Chemistry	Stability-indicating RP- HPLC technique for the determination of Sotorasib in pharmaceutical bulk formulations.	Nanduri Gayatri Devi, V. NagaLakshmi & NVNB Srinivasa Rao	YMER	ISSN : 0044-0477	April 2023	http://ymerdigital.com	DOI : 10.37896/YMER2.04/89	Volume:22 Issue:4 Page No: 1061-1072	Web of science	2.04/89
25	Chemistry	Development and Validation of RP-HPLC Method for the simultaneous determination of Aspirin and Prasugrel Hydrochloride	Dr C A Jyothirmayee, Dr M. Manoranjani, Dr K Sreelatha	YMER	ISSN : 0044-0477	April 2023	http://ymerdigital.com	Doi: 10.37896/YMER2.04/95	Volume:22 Issue:4 Page No: 1116-1131	Web of science	