

# *St. Ann's College for Women*

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Accredited by NAAC with A+ Grade (3<sup>rd</sup> cycle), CPE by UGC  
Mehdipatnam, Hyderabad.



## **CRITERION – III RESEARCH, INNOVATIONS & EXTENSION**

### **3.4 Research Publications & Awards**

**3.4.6 Bibliometrics of the publications based on Scopus-h index of the institution**



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### 3.4.6 Bibliometrics of the Publications based on Scopus / Web of Science – h-index

#### **List of Publications in Scopus -2018-2023**

S.No	Title of the paper	Name of the Author	Title of the Journal	Year of Publication
1	Studies on Ablative Performance of Silicone Low-Density Ablative Material	<b>Maddu S.</b> , Srivastava T., Katari N.K., Merugu K., Gundla R., Krishna Mohan S.	Silicon	2023
2	Duality for fractional interval-valued optimization problem via convexificator	<b>Rani B.J.</b> , Kummari K.	OPSEARCH	2023
3	Ink-jet-printed CuO nanoparticle-enhanced miniaturized paper-based electrochemical platform for hypochlorite sensing	Ray A., Mohan J.M., <b>Amreen K.</b> , Dubey S.K., Javed A., Ponnalagu R.N., Goel S.	Applied Nanoscience (Switzerland)	2023
4	Phosphate solubilization and plant growth promotion by two Pantoea strains isolated from the flowers of Hedychium coronarium L.	Prasad P., <b>Kalam S.</b> , Sharma N.K., Podile A.R., Das S.N.	Frontiers in Agronomy	2022
5	Mesoporous Carbon Nanomaterial-Phytochemical Based Electro-active Composite Preparation and its Application for Selective Hydrazine Sensing	<b>Amreen K.</b> , <b>Sujatha M.</b>	Analytical and Bioanalytical Chemistry Research	2022
6	Effect of different drying techniques on the nutritional, antioxidant and cyanogenic profile of	<b>Singhal P.</b> , Satya S., N Naik S.	Applied Food Research	2022



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	bamboo shoots			
7	Apps on Google Play Store to assist in self-management of hypertension in Indian context: features analysis study	Kaur M., Kaur H., Rathi S., Ashwitha M., Joanna J., Reddy S., Idris B., Myrtle P., Kandamuru S., Fatima S., Joshi A.	mHealth	2022
8	Purification and characterisation of phytochemicals extracted from <i>Rhizophora mucronata</i> : Their efficacy against <i>Pseudomonas aeruginosa</i> infection in <i>Catla catla</i>	Beulah G., Deepthimahanthi D., Simhachalam G., Chintagunta A.D., Sravya M.V.N., Kumar N.S.S.	Reviews in Analytical Chemistry	2022
9	Fermented bamboo shoots: A complete nutritional, anti-nutritional and antioxidant profile of the sustainable and functional food to food security	Singhal P., Satya S., Naik S.N.	Food Chemistry: Molecular Sciences	2021
10	Plant growth promoting rhizobacteria (Pgpr) as green bioinoculants: Recent developments, constraints, and prospects	Basu A., Prasad P., Das S.N., Kalam S., Sayyed R.Z., Reddy M.S., Enshasy H.E.	Sustainability (Switzerland)	2021
11	The predictive genetic algorithm (GA) load management mechanism for artificial intelligence system implementation (AI)	Pushpatha T., Nagaprasad S.	Lecture Notes in Networks and Systems	2021
12	A Nature-Inspired Solution to Managing Activities in the Cloud with Equal Time by Using Machine Learning Approach	Lakshmi S.N., Paul M., Nagaprasad S.	Lecture Notes on Data Engineering and Communications Technologies	2021
13	Bringing Real-World Microbiology Experiences to Undergraduate Students	Aparna Y., Anuradha K., Jyothi C., Sri	Frontiers in Microbiology	2020



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	in Resource-Limited Environments	Manjari K., Challa A.K.		
14	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review	<b>Kalam S.</b> , Basu A., Ahmad I., Sayyed R.Z., El-Enshasy H.A., Dailin D.J., Suriani N.L.	Frontiers in Microbiology	2020
15	The effect of chemical reaction of a nano fluid past a permeable stretching sheet with MHD boundary layer flow and heat transfer	Govardhan K., <b>Misra S.</b> , Narender G.	AIP Conference Proceedings	2020
16	Phytochemical Screening of Avicennia marina Extracts and its Evaluation for Antioxidant and Antimicrobial Activities	<b>Divya D.</b> , Beulah G., Rao K.G., Kumar N.S.S., Simhachalam G.	Indian Journal of Ecology	2020
17	Evaluation of Antimicrobial and Antioxidant Activity of Acanthus ilicifolius Leaf Extract	Beulah G., <b>Divya D.</b> , Rao K.G., Kumar N.S.S., Simhachalam G.	Indian Journal of Ecology	2020
18	Influence of Chemical Reaction on the Heat and Mass Transfer of Nanofluid Flow over a Nonlinear Stretching Sheet: A Numerical Study	<b>Misra S.</b> , Govardhan K.	International Journal of Applied Mechanics and Engineering	2020
19	Synthesis, spectral, physiological studies and application of metal complexes of a ligand 1,1-(5,5-(1e,1)-1,-1-(propane-1,3-diylbis(azan-1-yl-1-ylidene) bis (ethane-1-yl-1-ylidene) bis(2,4-dihydroxy-5,1-phenylene) diethanone (PDEDPD) prepared from 1,2-diaminopropane and 4,6-diacetylresorcinol	Rao Venkateshwar P., <b>Ammanni S.</b> , <b>Khairunnisa A.</b>	Research Journal of Chemistry and Environment	2020
20	Determination of oil and grease present in the hussain	<b>Anitha, Kedarini S.</b>	Ecology, Environment and	2020



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21	Morphological, biochemical and plant growth promoting characterization of rhizobia isolated from root nodule of cajanus cajan l.	<b>Nagalingam S.,</b> Nithya T.V., Gayathri D., Sagarika A.S., Supriya G., Vidya D., Kiran Kumar B., Rasool A., Mir M.I.	Plant Archives	2020
22	Effect of magnetic field, heat generation and absorption on nanofluid flow over a nonlinear stretching sheet	<b>Misra S.,</b> Kamatam G.	Beilstein Journal of Nanotechnology	2020



Dr. Sr. P. Amrutha

*Principal*

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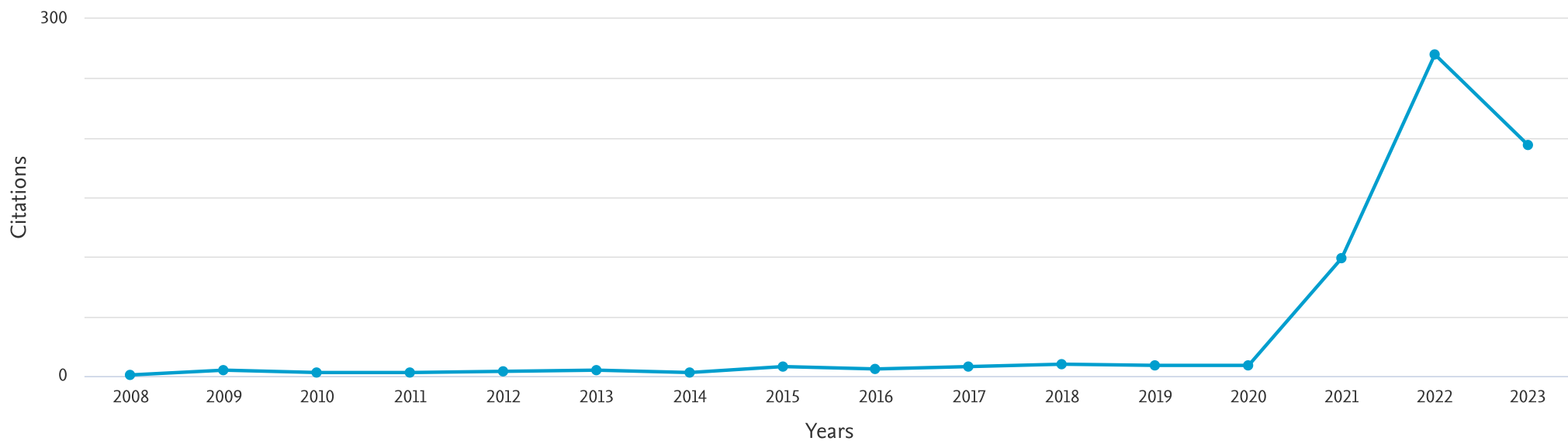
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