

Profile

Name of the Faculty	Dr. K. Sri Lakshmi	
Designation	Assistant Professor	
Department	Freshman Engineering	
Area of Interest	Disaster Management, Water and Wastewater treatment technologies, Impact of climate change on water resources, Water Quality, and Environmental Engineering/ Studies.	
Subjects Taught	Climate Change and Adaptations, Green Buildings, Disaster Management, Environmental Impact Assessment, Water and Wastewater treatment technologies, Ecology and Environment, Environmental Studies.	
JNTUH Registration Id	3933-220426-124958	
Date of Joining	22.04.2022	
Nature of Association (regular/Adjunct)	Regular	
College Staff Code	SC 1690	
Official Mail	ksrilakshmi.ce@gcet.edu.in	

Educational Qualifications:

S.No.	Degree	Specialization	University/College	Year
1.	M. Sc	Environmental Sciences	Osmania University, Hyderabad	2003-2005
2.	M. Tech (Prof. Y. Anjaneyulu Endowment Gold Medal)	Environmental Management	Jawaharlal Nehru Technological University Hyderabad (JNTUH)	2011-2014
3.	Ph. D (DST- JRF &SRF)	Environmental Science and Technology	Jawaharlal Nehru Technological University Hyderabad (JNTUH)	2015-2021

Paper Publications:

S. No.	Publication details
1	Performance Evaluation Of Self-Curing Concrete Using Polyethylene Glycol For Enhanced Strength And Durability, International Journal of Environmental Sciences, Volume 11, Year 2025, Pages 1630-1638
2	Smart Street Lightning System for Reducing Energy Consumption and Accidents, Nanotechnology Perceptions , Volume 20, Year 2024, Pages 685–701
3	Waste to Wealth: Making of Plastic Bricks by Recycling Single use Plastics for Sustainable Plastic Waste Management. International Journal of Nature Science (IJNS), 2024, Vol 1 (3): PP:1-7.
4	Individual Awareness on Electronic Waste and its Management- An Online Survey, Journal of Advanced Research in Dynamical & Control Systems. 2023, 15(1).
5	Site Suitability analysis for Establishment of CETP at Chirala Textile Cluster (CTC). Journal of Environmental Engineering and its Scope, 2023, 6(3),10-22.
6	Establishment Of CETP At Chirala Textile Cluster Using RS And GiS: A Site Suitability Study, International Conference on Education 5.0- Role of Institution, Industry and Society (ERIIS-2022) October 14-15, NIT Warangal, ERIIS 14
7	Statistical predictive models of ground water quality in and around textile cluster of chirala, Prakasam(Dist), Andhra Pradesh, India. International Journal of Scientific research and Review, 2019, 8 (2), 3259-3270.
8	Characterisation of textile wastewater discharges in textile cluster of Chirala, Prakasam (Dist), Andhra Pradesh, India” International Conference on Environmental and Ecological Sustainability: Engaging the stakeholders at IGNOU, New Delhi from 4 th to 5 th October-2018
9	Impact of Textile Effluents on the Ground Water Quality in Chirala Textile Cluster by Water Quality Index, Andhra Pradesh State, India. K. Sri Lakshmi 1 and M. Anji Reddy 2; 5th Three day national conference on Water, Environment and Society (NCWES), scheduled during 04th – 06th June 2018, JNTUH, 2018, 519-524.
10	Wastewater - An overview, International Journal of Contemporary Research and Review, 2017,8 (8), 20254-20262.
11	Phytoremediation - A Promising Technique in Waste Water Treatment, International Journal of Scientific Research & Management Studies, 2017, 5(6), 5480-5489.
12	A review on the pollution problem of the major water sources in Hyderabad city, International Journal of Applied and Pure Science and Agriculture, 2016, 2 (2), 31-40.

Books/ Book Chapter published: 1 Book Chapter (In review)

Experience:

Teaching	11.5 years
Industry	1.5 Year
Research	7 years

Total Experience	11.5 Years
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