

Profile

Name of the Faculty	Dr H Lakshmi Mittipati	
Designation	Associate Professor	
Department	Freshman Engineering	
Area of Interest	Mathematics (Solid Mechanics)	
Subjects Taught	Basic Engineering Mathematics, Multivariable Calculus, Theory of Complex Variables, Logical Reasoning, SML lab	
JNTUH Registration Id	8764-171220-120920	
College Staff Code	SC1868	
Official Mail	drhlakshmi.fe@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Mathematics	JNTU Hyderabad	2022
2	TSSET	Mathematics	Osmania University	2018
3	APSET	Mathematics	Andhra University	2017
4	M.Sc	Mathematics	Osmania University	2004
5	B.Sc	MPC	SKR College for Women, Rajahmundry, affiliated to Andhra University	2002

Publications Details :

S. No.	Publication details
1.	An International Publication titled “A Study of Interphases of adhesive joints by ultrasonic guided waves” in IJERT, ISSN-2278-0181, vol.2, issue 1, Jan’2013.
2.	G.Sudheer, M.Hemantha Lakshmi, Y.VsaudevaRao, A note on formulas for the Rayleigh wave speed in elastic solids, Ultrasonics (73) (2017) 82-87, https://doi.org/10.1016/j.ultras.2016.08.021 .
3.	HemanthaLakshmi.M, G.Sudheer and VasudevaRao Y, Effect of Pleural membrane on the propagation of Rayleigh waves in inflated porous lungs-A study, IEEE Access 7(2019), 85169-85177, 10.1109/ACCESS.2019.2924740 .
4.	Dr H Lakshmi Mittipati, Unveiling Rayleigh wave dispersion with python, Ymer, Issue 5, volume 23(2024), 0044-0477.
5	H Lakshmi Mittipati, Sridhar Akarapu, Venkata Madu Javvaji, S.M.Bhati, S.J.Kokate and Gundagani Murali, Numerical Analysis of Soret and Dufour effects in Two-dimensional Williamson fluid flow over a stretching surface, Journal of Mines, Metals and Fuels, Issue 5 (2025), 1-9, print ISSN-0022-2755, https://doi.org/10.18311/jmmf/2025/48680

Experience:

Teaching	18
Industry	-
Research	10
Total Experience	18

