



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved By AICTE, Affiliated to JNTU, Kakinada)

Ganguru, Vijayawada – 521 139. Phone: 0866-2583842/43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

Faculty Profile

Name of the Faculty : M Silpa
Designation : Assistant Professor of Physics
Date of Joining : 1/08/2009
Nature of Association : Regular
Email & Phone No. : silpamandava85@gmail.com @gmail.com
9441584390
Department : BS&H (Physics)
Educational Background : 1. Pursuing Ph. D from Krishna University, Machilipatnam
2. M. Sc. (Physics) from ANR Degree College, Gudivada
Research Areas : Ultrasonic Studies of Binary Liquid Mixtures
Experience : 12 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2009 to till date
2	GVR&S College of Engineering, Budampadu, Guntur	Assistant Professor	2007-2009
3	ANR Degree College, Gudivada	Lecturer	1-7-2007 to 14-10-2007

List of Publications (National and International Journals):

1. The influence of Ag₂O on the dielectric properties of LiF–CaO–B₂O₃ glasses, Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B, December 2015, 56 (6), 271–277
2. Acoustic and Volumetric Studies of the Binary Mixtures of Furfuryl Alcohol with Ethylene-, Diethylene- and Triethylene-Glycols at 303.15K, Journal of Applicable Chemistry, 2019, 8 (3): 1363-1370.
3. Correlation between Experimental and Theoretical Ultrasonic Velocities in Binary Mixtures of Furfuryl Alcohol with Glycols at 303.15 K, Journal of Applicable Chemistry, 2019, 8 (3): 1417-1425.
4. Study and Characterization of Li and Co, Co-Doped ZnO Micro Structures, Journal of Applicable Chemistry, 2019, 8 (3): 1411-1416.

National/International Conferences/Workshops/Seminars:

Attended/Paper Presented

1. National workshop on “Moodle Learning Management System”, IIT Bombay Remote centre-DIET, Ganguru on 15th March 2019.
2. Two Day Science Academies Lecture workshop on “Applications of Quantum



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Mechanics to Optics”, K B N College, Vijayawada on 1st and 2nd Feb’2019.

3. A two day National seminar on Need and role of Non-Conventional energy source for sustainable future.
A N R College, Gudiwada 23rd & 24th January 2018
4. National seminar on Physics and Chemistry on Non-Crystalline materials 1st and 2nd December, 2017 at Nandigama.
Mixed conductivity studies in silver oxide based lithium -vando-Phosphate glasses.
5. National Seminar on “Advance in Biomaterials & Characterization Techniques”,
Andhra Loyola College(Autonomous), Vijayawada
6. 2nd Andhra Pradesh Science Congress-2016, P B Siddhartha College of Arts & Science, Vijayawada on 7th -9th Nov2016.
7. National conference on “Need and Role of Nano Sciences In The Present Era”,
Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada
8. National seminar on “Nanotechnology for Sustainability of Rural India”, K.
L.University, Vaddeswaram
9. National Seminar on “Recent trends in Nano Science and Technology for device applications”, K .L.University, Vaddeswaram.
10. National Institute Of Technical Teachers Training & Research conducted Quality Improvement Programme on “Instructional Design and Delivery”, Dhanekula Institute of Engg&Technology, Ganguru.
11. One Day Faculty Development Program on “Characterization of Nano Materials”, VR Siddhartha Engineering College, Vijayawada on 27th Apr’2012.

Faculty Development Programs attended:

1. NPTEL Four week Faculty Development Program on “Teaching And Learning from Feb-Mar’ 2019.
2. Faculty Development Program on “LATEX”, DIET, Ganguru on 4th May2013.

Achievements / Awards etc:

1. Appreciation from AMRITA University, Kerala for active involvement in effective utilization of virtual labs for the academic year 2015-16.
2. Ratified as assistant Professor in JNTUK in 2014.