



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 : K A Sasikala

Designation : Assistant Professor of Physics

Date of Joining : 01/07/2009

Nature of Association : Regular

Email & Phone No. : sasikalakoppineedi@gmail.com

Department : BS&H (Physics)

Educational Background : 1. Pursuing Ph. D from ANU, Guntur
2. M. Phil from ANU, Guntur
3. M. Sc. (Physics) from Hindu College- PG Courses, Guntur

Research Areas : Ultrasonic Studies of Binary Liquid Mixtures

Experience : 15 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2009-till date
2	S D M S Mahila Kalasala, Vijayawada	Lecturer	2004-2009

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.

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



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3. National seminar on “Need and Role of Non-Conventional Energy Sources of Sustainable Future”, Akkineni Nageswara Rao College, Gudivada on 23rd and 24th Jan’2018.
4. National seminar on “Physics and chemistry of Non-Crystalline Materials”, K. V. R. College, Nandigama on 1st and 2nd Dec’2017.
5. National Women’s Parliament, Pavitrasangamam, Amaravati on 10th to 12th Feb’2017.
6. National Seminar on “Advance in Biomaterials & Characterization Techniques”, Andhra Loyola College (Autonomous), Vijayawada on 20th and 21st Jan’2017.
7. 2nd Andhra Pradesh Science Congress-2016, P B Siddhartha College of Arts & Science, Vijayawada on 7th -9th Nov 2016.
8. National conference on “Need and Role of Nano Sciences in the Present Era”, Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada on 7th and 8th Oct’2015.
9. National seminar on “Nanotechnology for Sustainability of Rural India”, K. L. University, Vaddeswaram on 19th Feb’2014.
10. National Seminar on “Recent trends in Nano Science and Technology for device applications”, K. L. University, Vaddeswaram on 4th and 5th Apr’2013.
11. National Institute Of Technical Teachers Training & Research conducted Quality Improvement Programme on “Instructional Design and Delivery”, DhaneKula Institute of Engg & Technology, Ganguru on 29th Oct’2012 to 2nd Nov’2012.
12. One Day Faculty Development Program on “Characterization of Nano Materials”, VR Siddhartha Engineering College, Vijayawada on 27th Apr’2012.
13. National seminar on “National youth forum on Green Energy Solutions Meeting Global Concerns”, Maris Stella College, Vijayawada on 19th and 20th Nov’2009.

Faculty Development Programs attended:

1. NPTEL Four week Faculty Development Program on “Teaching And Learning in Engineering” from Feb-Mar’ 2019.
2. Faculty Development Program on “LATEX”, DIET, Ganguru on 4th May 2013.

Achievements / Awards etc:

1. Awarded Silver Certificate from NPTEL for the completion of the course “Teaching And Learning in Engineering” in May 2019.
2. Appreciation from AMRITA University, Kerala for active involvement in effective utilization of virtual labs for the academic year 2015-16.



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3. Ratified as Assistant Professor in JNTUK in 2014.

K A SASIKALA

(Name)