



G. T. N. ARTS COLLEGE (AUTONOMOUS), DINDIGUL
DEPARTMENT OF PHYSICS

GLIMPSSES OF DBT ACTIVITIES – ACADEMIC YEAR 2025-26

S.No	Type of Programme	Title of the Programme	No. of Programme	Date
1	Invited Talk	Outer Space and Rockets	1	20.08.2025
2	Hands on Training	Designing of simple electronic circuits and devices	1	16.12.2025
3	Invited Talk	Basic concepts and industrial processing of silicon solar cells	1	16.12.2025
4	Workshop	Fabrication of Low Cost Metal Oxide Ammonia Sensors	1	17.12.2025
5	Invited Talk	Societal and Environmental Impacts of Chitosan – Based Materials	1	17.12.2025
6	Hands on Training	Sustainable and Cost Effective Solid State Electrolytes for Battery Applications	1	19.12.2025
7	Guest Lecture	Recent Trends in Energy Storage and Conversions	1	19.12.2025
8	Interdepartmental Special Lecture	Renewable Energy Technologies and Sustainable Development	1	22.12.2025
9	Guest Lecture	Thermal Analysis	1	22.12.2025
10	Faculty Development Programme	Evolution of Battery Materials for Energy Storage Application	1	23.12.2025
11	Faculty Development Programme	Supercapacitors: A Smartway Forward	1	23.12.2025
12	Interdepartmental Activity	Singular- Value Decomposition and its Applications	1	24.12.2025
13	Guest Lecture	Physics Around us: Small ideas that build a sustainable World	1	24.12.2025
14	Guest Lecture	Fundamentals of Spectroscopy Principles and Applications in Sciences	1	05.01.2026
15	Workshop	Diverse Manifolds of Biogenic Nanomaterials in Synthesis, Characterization and Applications	1	05.01.2026
16	Invited Talk	Spark of Tomorrow: The Epic Journey from Batteries to EVs	1	06.01.2026
17	Guest Lecture	AI / ML for Science Learning; Promise, Pitfalls and Practice	1	06.01.2026
18	Guest Lecture	Organic Electronic Devices-Organic Light Emitting Diode(OLED)	1	07.01.2026
19	Guest Lecture	High Power Lasers and its Applications	1	07.01.2026
20	Field Visit	Field Visit for I, II and III year students to Power Stations at Vaigai Dam and Kumily Lower Dam	1	08.01.2026



Hands on Training on “Designing of simple electronic circuits and devices” by Mr.G.Boopathi, Service Engineer, Lakshmi Electronics, Trichirappalli, on 16.12.2025 (Tuesday).



Invited talk on “Basic concepts and industrial processing of silicon solar cells” by Dr. M. Jeyanthinath , Associate Professor, School of Chemistry, Madurai Kamaraj University, Madurai,on 16.12.2025 (Tuesday)



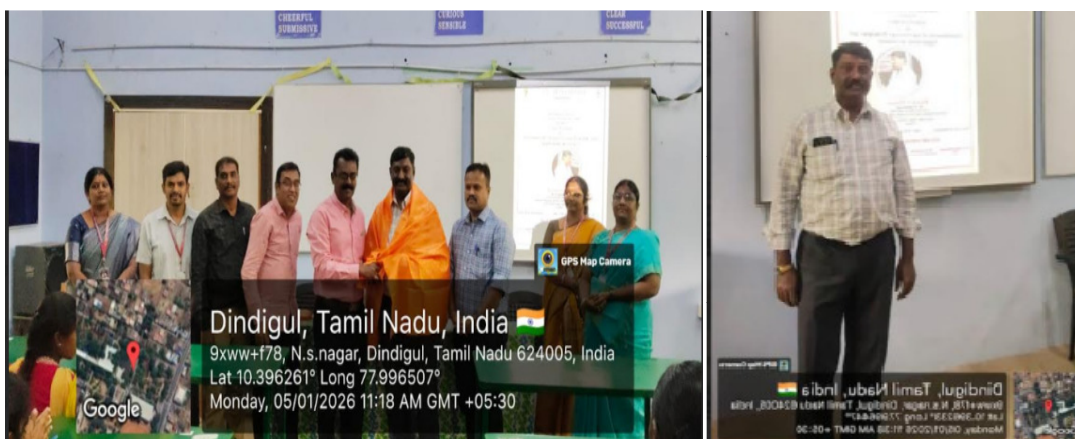
Hands on Training on “Sustainable and Cost Effective Solid State Electrolytes for Battery Applications” by Dr. R.SANGEETHA, Assistant Professor, PG and Research Department of Physics, Mannar Thirumalai Naicker College, Pasumalai, Madurai - 625004 on 19.12.2025 (Friday).



Guest Lecture on “Recent Trends in Energy Storage and Conversions” by Dr. M. Ulaganathan, Associate Professor (Ramanujan Fellow), Department of Physics, Amrita School of Physical Sciences, Amrita Vishwa Vidyapeetham, Coimbatore, on 19.12.2025 (Friday)



An Interdepartmental Activity on “Singular- Value Decomposition and its Applications” by Dr. A.Karnan, Scientist, Interdisciplinary Data Research Division, CSIR – 4PI, NAL Belur Campus, Bangalore, on 24.12.2025



Guest Lecture on “Fundamentals of Spectroscopy Principles and Applications in Sciences”
by **Dr. B.Sundaresan** , Associate Professor and Head Centre for Research and Post Graduate studies in Physics, Ayya Nadar Janaki Ammal College,Sivakasi on **05.01.2026**
(Monday)



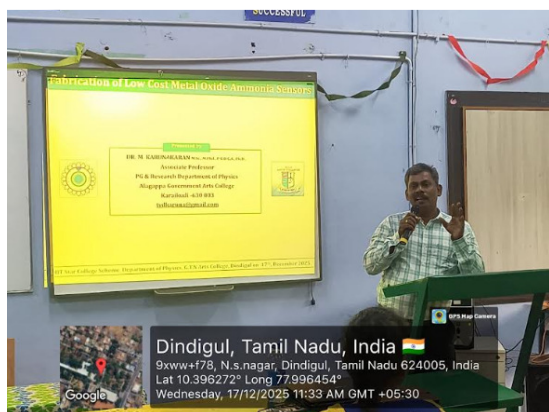
Invited talk on “Spark of Tomorrow: The Epic Journey from Batteries to EVs” by **Dr. R.Dhanalakshmi** , Associate Professor of Physics, Thiagarajar College of Arts and Science , Madurai, on **06.01.2026** (Tuesday)



Interdepartmental Special Lecture on “Renewable Energy Technologies and Sustainable Development” by **Dr. Dsilva Winfred Rufuss**, Associate Professor, School of Mechanical Engineering, Vellore Institute of Technology, Vellore, on **22.12.2025** (Monday)



Workshop on “Diverse Manifolds of Biogenic Nanomaterials in Synthesis, Characterization and Applications” by Dr. J.Pandiarajan , Assistant Professor, Department of Biotechnology, Ayya Nadar Janaki Ammal College,Sivakasi on 05.01.2026



workshop on “Fabrication of Low Cost Metal Oxide Ammonia Sensors” by Dr. M. Karunakaran, Associate Professor, PG and Research Department of Physics, Alagappa Government Arts College, Karaikudi on 17.12.2025 (Wednesday)



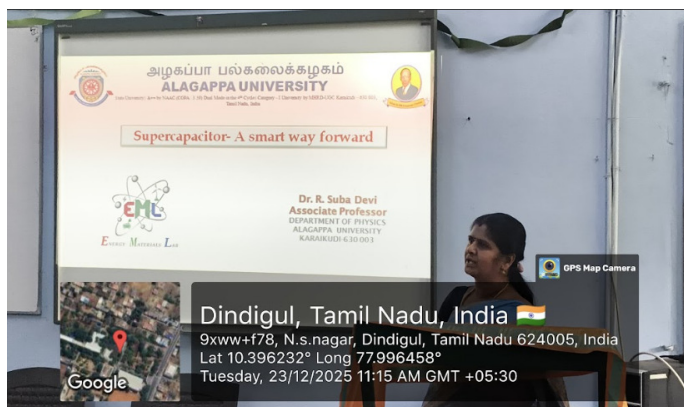
Guest Lecture on “Thermal Analysis” by Dr. P.Vickraman, Senior Professor, Department of Physics, The Gandhigram Rural Institute (Deemed to be University), Gandhigram on 22.12.2025 (Monday)



An invited talk on “Societal and Environmental Impacts of Chitosan – Based Materials” by Dr. R.Mohan, Assistant Professor, PG and Research Department of Physics, Sree Sevugan Annamalai College, Devakottai on 17.12.2025 (Tuesday)



Faculty Development programme on “Evolution of Battery Materials for Energy Storage Application” by Dr.M.Sivakumar, Professor, Department of Physics, Alagappa University, Karaikudi on 23.12.25 (Tuesday)



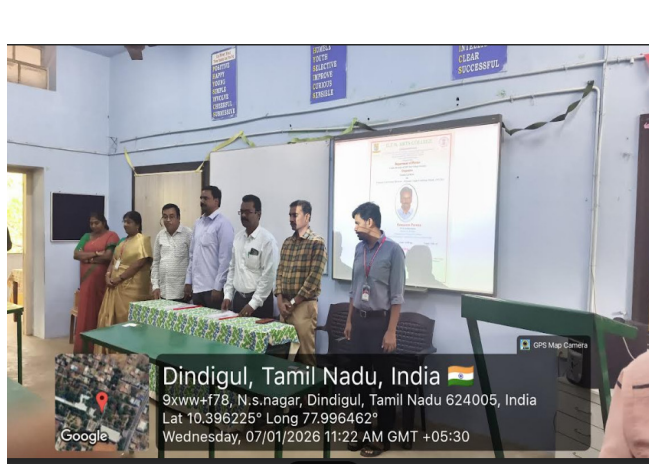
Faculty Development programme on “Supercapacitors: A Smartway Forward” by Dr.R.Suba Devi, Associate Professor, Department of Physics, Alagappa University, Karaikudi on 23.12.25 (Tuesday)



Guest Lecture on “Physics Around us:Small ideas that build a sustainable World” by Dr.C. Roobala, Scientific Officer, Sophisticated Instrumentation Facility, NIT, Trichy on 24.12.2025 (Wenesday)



Guest Lecture on “AI / ML for Science Learning; Promise, Pitfalls and Practice” by Dr. M.Sithartha Muthu Vijayan, Principal Scientist , CSIR Fourth Paradigm Institute, NAL Belur Campus, Bangalore, on 06.01.2026 (Tuesday)



Guest Lecture on “Organic Electronic Devices-Organic Light Emitting Diode(OLED)” Dr.K.Sethuraman, professor & Dean, Department of Material Science, School of Technology,Central University of Tamil Nadu, on 07.01.2026(Wednesday)



Guest Lecture on “High Power Lasers and its Applications” by Dr.T.C.Sabarigirisun, Assistant professor, Department of physics, Bharathidasan University, Tiruchirapalli on 07.01.2026(Wednesday)



A Field Visit for I, II and III year students along with Staff members of our Department to Power Stations at Vaigai Dam and Kumily Lower Dam on 08.01.2026(Thursday)



An invited talk on “Outer Space and Rockets” **Dr. P. Sridharan** Retired G.M, Rocket Propellant Plant, Vikram Sarabhai Space Centre, ISRO, Thiruvananthapuram on 20.08.2025 (wednesday).