

Department of Physics– AY 2023-24

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	31-Jan-24	Mr. C.N. Venkiteswaran, Ex-Scientist, Department of Atomic Energy, Kalpakkam	Nuclear Reactor Fuels – Perspectives from Physics Aspects and Safe Handling of Radionuclides
2	24-Jan-24	Shri. S.R. Ramanan, Retd. Director, Cyclone Warning Centre, IMD, Chennai	Climate Change Financial Risks and Opportunities
3	01-Sep-23	Dr. Priyadarshini N, Associate Professor in Physics, PSGR Krishnammal College for Women, Coimbatore	Intellectual Property Rights
4	08-Jul-23	Dr. Gopal Ram, Assistant Professor, PSG College of Technology, Coimbatore	Innovation: A Small Step, A Giant Leap
5	29-Feb-23	Dr. R. Ramesh Babu, Professor and Head, Dept. of Physics, Bharathidasan University, Trichy	Organic Thin-Film Solar Cell Device Fabrication and Performance

Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	06-Mar-24	Workshop	Spectral Analysis and Data Interpretation	Dr. T. Elangovan, Assistant Professor, Dept. of Energy Science, Periyar University, Salem
2	03-Jan-24	Hands-on Training	In Silico Molecular Modelling	Dr. V. Rajapandian

3	23-Sep-23	Workshop	Fabrication of Third Generation Solar Cells	Dr. Sasirekha & Dr. Kirthiga, Avinashilingam Institute of Home Science
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Student Development Programme

S. No.	Date	Title	Resource Person
1	NIL		

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
1	29-Sep-23	Higher Education and Job Opportunities	Dr. J. Martin Sam Gnanaraj & Dr. M.R. Venkataraman, Assistant Professors, Dept. of Physics

Alumni Interaction

S. No.	Date	Title	Alumni
1	19-Jan-24	Exploring Career Paths and Opportunities in Physics: Navigating the Master's Journey	Mr. V.M. Hariharan (Batch 2019–21)
2	04-Sep-23	Handling Astronomical Telescopes – CELESTRON	Mr. P. Jawahar Raja & Mr. A. Sricharan (Batch 2021–23)
3	22-Jul-23	Career Opportunities for Physics Graduates in IT Sector	Ms. Pooja Ramshankar

Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	20-Jan-24	Energy-Saving Awareness Programme	Sarkar Samakulam Village, Coimbatore	45 Students and 3 Faculty Members

Co-curricular Activities

S.No	Date	Name of the Event
1	20-Feb-24	SPECTRA'24 – Intercollegiate Meet
2	25-Sep-23	G20 Hands-on Training on Soap Making with Charcoal
3	19-Sep-23	CHANDRAYAAN-UYSAV: Short Film & Sketches Competition
4	23-Aug-23	Live Streaming of Chandrayaan-III Landing

Other Activities

S. No.	Date	Title	Resource Person
1			Nil

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
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1	26-Jun-23 to 30-Jun-23	Dr. K. Girija	International Travel Support	SERB
2	13-Jul-23	Dr. J. Martin Sam Gnanaraj	I Prize in Poster Presentation (ICCNЕСТ-23)	NGM College, Pollachi

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	20-Mar-24	Dr. R. Dilip	Best Fund Mobilizer (Sri Nalla Gounder Research and Innovation Awards)	Dr. N.G.P. Arts and Science College, Coimbatore

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	30-Jun-23 to 04-Jul-23	Dr. K. Girija	FDP on Empowering Education for Innovation – A NEP Perspective	
2	13-Jul-23 to 14-Jul-23	Dr. R. Dilip	ICCNЕСТ-23 – International Conference on Recent Advancements in Computational Nanoscience and Energy Storage Technology	NGM College, Pollachi
3	13-Jul-23 to 14-Jul-23	Dr. J. Martin Sam Gnanaraj	ICCNЕСТ-23 – International Conference on Recent Advancements in Computational Nanoscience and Energy Storage Technology	NGM College, Pollachi
4	17-Jul-23 to 22-Jul-23	Mrs. S. Punitha	Short-Term Course on Nanomaterials for Clean and Sustainable Environment	PSGR Krishnammal College for Women, Coimbatore
5	31-Sep-23	Dr. K. Girija	National Workshop on Beneficial Applications of Radiation Technology and Indian Nuclear Programme	Dept. of Medical Physics, KMCH Institute of Allied Health Sciences, Coimbatore

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/Scopus
1	Dr. M.R. Ananthan	Semi-transparent DSSC for Energy-efficient Windows with Microwave-prepared TiO ₂ Nanoparticles as Photoanodes	Materials Letters	360-135953		
2	Dr. M.R. Ananthan	Micro-Raman Spectroscopy of Laser Induced Changes in Polycrystalline CuInTe ₂	Results in Optics	13-100577		
3	Dr. K. Girija	Development of Flower-like Ag/SrFeO ₃ Nanosheets for Detection of Caffeic Acid	ACS Omega	2470-1343		

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	09-Jan-24	Pavin Kumar K, Soorya Sree N.P	7th International Conference on Recent Innovations in Modern Science and Technology (ICRIMST-2024)	KPR Institute of Engineering and Technology, Coimbatore	
2	05-Jan-24	Terry Thomson G, Dineshkumar M	One Day Workshop on Electron Microscopy	PSG Institute of Advanced Studies, Coimbatore	

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1				Nil	

Students Presentation

S. No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	19-Jan-24	Gowtham B	International Conference on Recent Advances in Physical Sciences (ICRAPS-2024)	Utilizing <i>Pongamia pinnata</i> Dead Leaves for Cost-effective Synthesis of Reduced Graphene Oxide	Holy Cross College (Autonomous), Tiruchirappalli

Book / Book Chapters Publications

S. No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	2023	Mrs. R. Revathi	Studies of Physical Properties of PS/ZnO Nanocomposites	<i>International Conference on Light Applications in Science and Engineering Research</i> , Periyar University	2023	978-81-1982-108-2
2	2023	Dr. K. Girija	Fundamentals and Applications of Nanostructure Perovskite Oxides	Scholars World, New Delhi	2023	9789354617102