



## Dr. N.G.P. ARTS and SCIENCE COLLEGE

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore  
Approved by Government of Tamil Nadu & Accredited by NAAC with A++ Grade (3rd Cycle – 3.64CGPA)  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.  
Website: [www.drngpasc.ac.in](http://www.drngpasc.ac.in) | Email: [info@drngpasc.ac.in](mailto:info@drngpasc.ac.in) | Phone: +91-422-2369100

### Department of Physics

#### Activities and Achievements - AY 2022-23

##### 1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	27-Aug-22	Dr. N. Muthukumarasamy Professor & Head, Department of Physics Coimbatore Institute of Technology, Coimbatore	Nobel Laureate Rutherford's Contribution to the Physics Society
2	07-Jan-23	Ms. K. Senthamarai Member - Star Party – 2023, Kovai Astro Club	Sky Watch Event
3	11-Feb-23	Dr D. Khanna Assistant Professor, Department of Physics, Karunya Institute of Technology and Sciences, Coimbatore	Seeing Far into Space: Telescopes and The Opportunities Unlimited
4	03-Mar-23	Mr. Mohanraj Senniappan Teaching Assistant in Physics, Linnaeus University, Sweden	Cosmic Conversations: Insights From an Astrophysicist

##### 2. Student Development Program

S. No.	Date	Nature of the event	Title of the event	Resource person
1	12-Jan-23 & 13-Jan-23	Workshop	Materials science and cosmology	Dr. Murugadoss Assistant Professor, Department of Physics Amrita University, Coimbatore

### 3. Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	1-Oct-22	Mrs. R.Revathi	FDP on Spectra of Physics II	PSGR Krishnammal College for Women, Coimbatore
2	1-Mar-23	Dr. R. Dilip	Faculty Development Programme on Insights to AI & ML for Physical Science	PSGR Krishnammal College for Women, Coimbatore

### 4. Staff Publications

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. R. Dilip	Enhancement of magnetic and dielectrics performance of bafe2o4 nanoparticles influenced by tri-sodium citrate as surfactant	Journal of materials science: materials in electronics	33(30), 23841-23850	2.43	SCI
2.	Dr. R. Dilip	Various modes of phase changing material (pcm) enrich the still outcome productivity of distilled water	International journal of energy research	Doi.org/10.1002/er.8646	5.1	SCI
3.	Dr. V. Gopala Krishnan	Enhancement of magnetic and dielectrics performance of bafe2o4 nanoparticles influenced by tri-sodium citrate as surfactant	Journal of materials science: materials in electronics	33(30), 23841-23850	2.43	SCI

### 5. Student Participations

S. No.	Date	Name of the Students	Event	Organization / Institution	Prize won
1	31-Oct-22	Abirami M Suganya S	National level Symposium on Astrophysics, Astronomy and Space Technologies	Sona Arts and Science College, Salem	Participation
2	25-Jan-23	K. Selvam	தமிழின் மாபெரும் கனவு	PSG College of Arts and Science, Coimbatore	Participation

3	21-Jan-23	Abirami M Devasri J Dhinakaran R Jamuna M Subashini R Suganya S Varsha J Varthini S M Bhuvaneshwari S Dinesh Kumar M Chandrasahasn J	National level Seminar in Recent Advances in Solar Energy Material and Photocatalysis	Gobi Arts and Science College, Gobichettipalayam	Participation
5	24-Jan-23	Abirami M Devasri J Gowtham B Jamuna M Karthik T Udayakumar Miya Lakshmi P K Pavin Kumar K Soorya Sree N P Subashini R Suganya S Terry Thomson G Varsha J Vinusha R Varthini S M Bhuvaneshwari S Dinesh Kumar M Sharulatha K R Vasanth V Gayathrie M Chandrasahasn J	Workshop on Material Science and Cosmology	Dr. N.G.P. Arts and Science College, Coimbatore and Department of Sciences, Amrita Vishwa Vidyapeetham, Coimbatore	Participation
6	02-Feb-23	Devasri J Karthik T Udayakumar Pavin Kumar K Subashini R	International Conference on Optics and Photonics Technology	PSGR Krishnammal College for Women, Coimbatore	Participation

		Varthini S M Vinusha R Bhuvaneshwari S Sharulatha K R Gayathrie M			
7	02-Feb-23	Terry Thomson G	Recent Development in Neutrino Astrophysics	St. Joseph's College, Thiruchy	Participation
8	17-Mar-23	Terry Thomson G	VIGYAN - 2023	Sri Ramakrishna College of Arts and Science, Coimbatore	Participation