

PG AND RESEARCH DEPARTMENT OF PHYSICS

ANNUAL REPORT-2022-23

Department Activities:

- ❖ From August 8 to August 27, 2022, nine students from Muthayammal College of Arts and Science, Rasipuram, underwent "15-day Internship Course in Physics."



- ❖ On October 15, 2022, "The National Youth Uprising Day" was observed in honour of Dr. APJ. ABDUL KALAM's birthday.



❖ On October 27, 2022, Dr. R. Venkatesan, Division Head of Radiology and Environmental Safety, and Mrs. Jalaja Madanmohan, Head of the Technical Coordination and Public Awareness Section of IGCAR, Kalpakkam, gave a special speech in honour of Homi J. Bhabha, The Father of the "Indian Nuclear Program."





- ❖ On January 7th to January 10th, 2023, our college hosted a **"Star Party Event"** for the general public and students from 6 p.m. to 9 p.m. in honour of Galileo Galilei's invention of the telescope.



- ❖ On 11.01.2023, a workshop on **"Space Observatory and Possibilities"** was held. The special lecture and training were presented by Mr. Mohanraj, Astro-Photographer .



❖ Observing “Green Comet” event through telescope was conducted on 04.02.2023.



❖ From February 25 to February 28, the Astro Club of NMC and the Department of Physics jointly celebrated the "Moon Festival" in honour of "National Science Day."



- ❖ On March 1, 2023, the "**Jupiter and Venus Conjunction 2023**" event was observed through the recently purchased High-Tech telescope.



- ❖ On March 8, 2023, "**World Women's Day**" was observed in the "CVR" Hostel by viewing celestial objects in the night sky through the telescope.



Students Achievements:

- ❖ M. SARIGA, P21PHY111, and J. PRAVEENA, P21PHY110, both of II-M.Sc. Physics, were chosen for the **TNSCST Student Project** Scheme with a **stipend of Rs. 7500** for the academic year 2022–2023.

396.	Mr. P. Ramesh Assistant Professor PG and Research Department of Physics Nehru Memorial College Trichy-621 007	Wastewater purification by bio synthesis of manganese doped nickel oxide nanoparticles.	Sariga. M Praveena. J	PS-304	7500/-

Congratulations to

MS.M.SARIGA (P21PHY111) and Ms.J.PRAVEENA (P21PHY110) who got selected for the award of STUDENT PROJECT through TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY.

Congrats to Assistant Professor Mr.P.RAMESH, Physics Department for guiding her to get the award.



- ❖ From December 7, 2022, to December 11, 2023, 8 of our II M.Sc. physics students participated in the National level Mini PTTS (Physics Training and Talent Search Program) at Kamaraj University in Madurai.



- ❖ On February 1 to February 3, 2023, four of our II M.Sc. physics students attended a three-day national workshop at Saint Joseph's College in Trichy on "Recent Advances in Neutrino Astrophysics".



- ❖ 20 of our students attended the CSIR-CERI OPEN DAY & SCIENCE EXHIBITION at CECRI (CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE), Karikudi.



❖ On October 17 to October 19, 2022, 25 students at Mahendra Arts and Science College in Namakkal took part in the "Global Space Week Expo."





- ❖ Students of Physics department got overall Second place in the Inter-Collegiate Sports meet and March-Past held on 26.12.2022.



Staff Performances:

- ❖ **Mr.R.Kabilan** has published 3 research articles in Reputed Journals and one Research-article presented in international conference.

- ❖ **Mr.P.Ramesh** has published 1 research article in Reputed Journal, one Research-article presented in international conference and participated 3 Workshops and 3 Seminars.
- ❖ **Ms.S.Manimegali** has been awarded Ph.D and has published 2 Research-articles in Reputed journals.
- ❖ **Dr.S.Muruganatham** has published 1 research articles in Reputed Journals.
- ❖ **Dr.K.Parimala** has published 4 research articles in Reputed Journals and One research-scholar has completed Ph.D under her guidance.