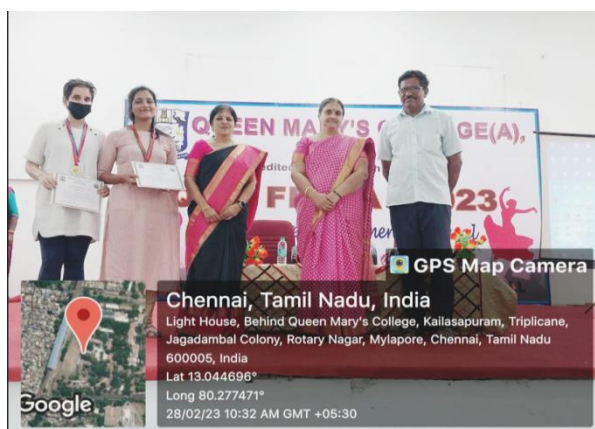
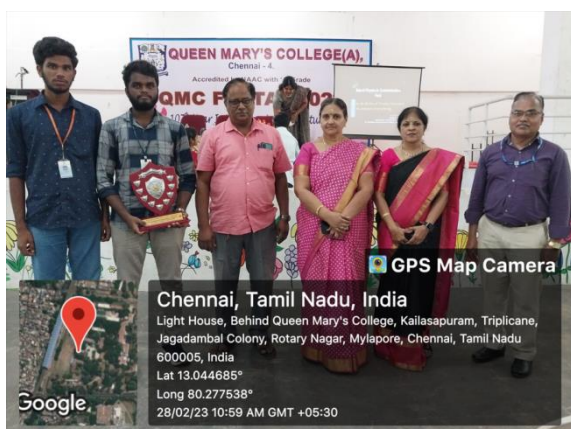


QUEEN MARY'S COLLEGE (AUTONOMOUS) PG & RESEARCH DEPARTMENT OF PHYSICS ANNUAL REPORT FOR THE ACADEMIC YEAR 2022-2023



The activities of the Department for the year 2022 – 2023 started with Inauguration of the Physics Association on 12-10-2022. Mr.C.Joseph Prabagar, Assistant Professor, Department of Physics, Loyola college, Chennai – 600 034 was the chief guest of the occasion. He delivered a special lecture on “**Career Opportunities in Physics**”.

To bring out the talents of our department students in various levels, an inter-class cultural programme and other competitions were conducted by the Physics association on 23-02-2023. Competitions like Working Model Display, Explore a scientist, Solo singing, Group singing, Solo dancing, Group dancing, Show your talent, Rangoli and Vegetable carving were conducted. Students from all the classes (UG and PG) participated enthusiastically and won several prizes.

Our department has initiated an intercollegiate quiz competition from this year on 27.2.2023. More than 50 participants from different colleges around Chennai participated enthusiastically and among them five colleges entered the final rounds. **Madame Curie Rolling Trophy** of this year (2023) was won by the students of Presidency College. Our

college students won the 2nd prize followed by Stella Maris College in third place. The Rolling Trophy was handed over to the students on the valedictory day.

The valedictory of the Physics association was held on the science day (28-02-2023). Dr. Devendran, Assistant Professor of Visual Communication, Dr.Ambedkar Arts and Science College, Chennai was the chief guest for the occasion and distributed prizes to the winners of the Departmental Cultural events along with our beloved Principal of Queen Mary's College Dr.B.Uma Maheshwari. Our Principal delivered a guest speech on the occasion followed by an inspiring lecture of the chief-guest on the topic **“The Role of Physics in Communication”**.

Our department students participated and won prizes in various intercollegiate competitions. Renuka Devi, Amutha, Aishwarya, Bhuvaneshwari.R, Uma maheshwari.S of II M.Sc won the 2nd prize in ADZAP conducted by Presidency College, Chennai on 21.12.2022. Kavitha, Aishwarya, Renuka Devi of II M.Sc won the 3rd prize in PotPuri and Aishwarya, Kavitha, Renuka Devi, Bharathi, Bhakiyalakshmi, Dulasimathi won the 3rd prize in Adzap conducted by Madras Christian College, Chennai on 20.03.2023. Aishwariya of II M.Sc won the 3rd prize in “Beyond the Science” conducted by Loyola College, Chennai on 27.01.2023. P. Subhasni, Noorul Hasbiya of I M.Sc won the 3rd prize in poster making conducted by Stella Mary's, Chennai on 9.03.2023. S.Kalaivani of III B.Sc EM completed course in “Data Analytics” organized by HOPE foundation during May 2022 to March 2023. M. Vaishnavi of II B.Sc EM won the 2nd prize in the University-A Zone cricket match conducted at Hindustan College, Avadi on 3.3.23.

The project proposed by Dr.D.Jayalakshmi, Assistant Professor of our department has been selected by TANSCHÉ for funding under the scheme of “Minor Research Project” for the year 2022-2023. J.Aishwarya and S. Chinthamani of II M.Sc, project students of Dr.B.Anita has been selected by TNSCST for funding under the “Student Project Scheme” for the year 2022-2023.