

**Tamil Nadu State level Science Conference on
“Tasks in Science for Social Progress”
Conducted by
All Science Departments of Queen Mary’s College
in association with
Breakthrough Science Society Tamil Nadu Chapter
28-01-2025 Chennai**

A state level science conference was conducted by Queen Mary’s College (QMC) in association with Breakthrough Science Society (BSS) Tamil Nadu Chapter on 28th January, 2025 at Golden Jubilee auditorium of QMC. The Chief guests were Dr Rajeevan, ISRO, Trivandrum and D.S.Balachandran, Director Regional Meteorological Centre, IMD, Chennai. Prof Uma Maheshwari, the principal, QMC inaugurated the conference and Dr R.Venkatesan, Former Head, Radiological and Environmental Safety Division, Indira Gandhi Centre for Atomic Research, Kalpakkam, explained about the purpose of the conference. With the recitation of Tamil Thai Vazhthu and the song on QMC, the program was initiated.



Dr Uma Maheshwari , Principal QMC inaugurating the conference



Dr R.Venkatesan, former Head, RESD, IGCAR briefing about the objectives of the conference



A section of the audience with professors from other institutes in the first two rows



QMC song by students



Dr S.Balachandran, Director, Regional Meteorological Centre lecturing on “Climate Change and mitigation”



Dr PP Rajeevan, Professor, IIST, ISRO as the chief guest talking on the “Method of Science”

Participants:

The conference was attended by 180 students, 30 from each science departments from QMC. 20 lecturers from other colleges and a few science teachers from city schools took

part in the conference

In addition, senior retired professors of Physics, Dr Masilamani, Anna Univ., Chennai, Dr C.Ravoshankar, IGCAR, DAE, Kalpakkam, Er M P Ganesan, Project Directro (Rtd), Solar Energy Project, NLC, Neyveli, Dr Uma Ramachandran, President of BSS-Tmil Nadu, Dr T S Selvakumar, former Head, OHS, IGCAR, DAE, Kalpakkam, Dr Joseph Prabhakar, Prof Abdul Kadhira, former Principal, Walkf Board College, Madurai, Prof Gayathri, Thiyagaraja college Madurai are among those senior faculty from different institutes who participated in the conference.

Students from 11 colleges came to attend the conference. A Total of 450 participants attended the morning session

Morning Session was open for all students and faculty. Dr Uma Maheshwari explained about the importance of this conference which is dealing with climate change as a major challenge to our society and the tasks for the future generation in participating in the mitigative measures. She thankfully acknowledged the BSS, Tamil Nadu for the long-term association and the various science programs held jointly with them in the past.

Dr R Venkatesan explained why this conference is timely because of the declining admission in core science subjects leading to crisis of closure of many sciences and mathematics department. He appealed students to take of science as a subject for study as the future development of our country relies upon the developments in S&T.

Dr Rajeevan explained about how science exactly works. What is taught in the name of science is only facts and formulae but the essence of science lies in the spirit of inquiry and knowing how the laws are derived.

Dr S Balachandran lucidly presented the science of climate change. He explained the serious irreversible conditions of many climate systems and methods of mitigating them. He answered many questions raised by the audience including students.

Dr Usha, Dept of Physics, gave vote of thanks in the morning session.

The post lunch session was a delegate session. Students from many colleges spoke on various aspects of the topic of the conference.

The delegates from other colleges participated as follows:

Sl No	Name of the College	No. of students
1	A M Jain College Meenambakkam	31
2	Vivekananda College	19
3	Madras Christian College	6
4	Presidency College	22
5	Pachaiyappa's College	7
6	Anna University	9
7	D G Vaishnav College	7
8	Ethiraj college	5
9	New College	15
10	Govt College of Arts and Science Nandanam	35
11	Other technical and teaching institutes students	25



Ethiraj College students singing a song on Climate change



Students speaking on various aspects on the main theme of the conference

Dr



Usha, Dept of Physics speaking on the resolution on science education in India



Students of QMC participating actively in deliberations