

DEPARTMENT OF MATHEMATICS
ASSOCIATION REPORT – 2023-2024

SOCIAL SERVICE LEAGUE SCHOOL- EXTENSION ACTIVITY

The extension activity by the IQAC with PG & RESEARCH DEPARTMENT OF MATHEMATICS involving II M Sc Mathematics students teaching mathematical concepts to children was organised at the Social Service League School in Queen Mary's College Campus on 17.10.2023.

Involvement of Department of Mathematics faculty members adds value to the program, enhancing the learning experience for both students and children.



This is aimed to give a New Learning experience for primary school students for understanding.

The 2nd year post graduate students divided into 5 teams and conducted a interactive sessions on the following topics with some working models too.

- INCREASING & DECREASING ORDER, PLACE VALUE
- SHAPES&DIVISION
- GREATER & LESSER THAN
- ADDITION&SUBTRACTION
- BEFORE&AFTER

- CLOCK, METRIC SYSTEM



Children were very interactive and enjoyed learning. Stationery items were distributed to the children as a token of appreciation and encouragement. Models prepared by the PG students were handed over to the school for the welfare of children to the SOCIAL SERVICE LEAGUE SCHOOL.

RAMANUJAN DAY CELEBRATION

To kindle the interest in Mathematics among the students is the need of the hour today. Keeping this in mind, On 22nd December 2023, **Research Club**, PG and Department of Mathematics, Queen Mary's College, celebrated National Mathematics Day as **Ramanujan Day**. II M.Sc Mathematics conducted a Quiz competition for the students of various departments of the college.

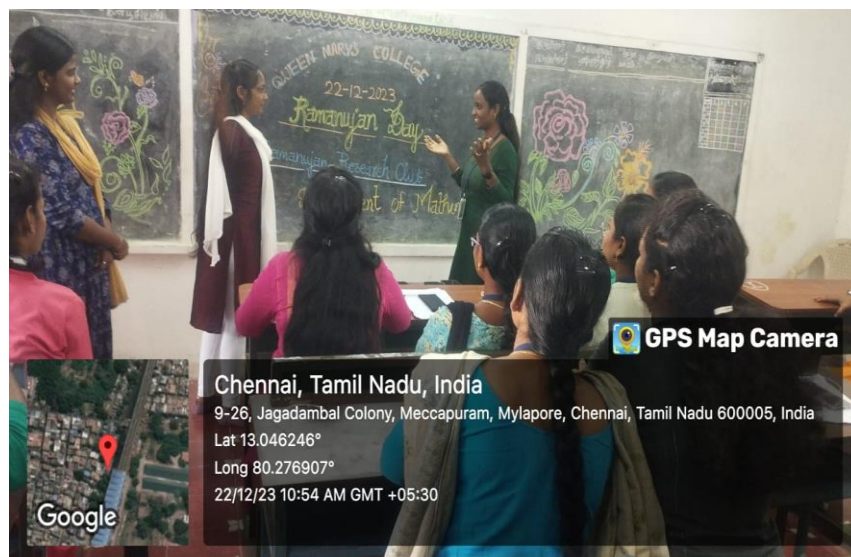
Ten UG teams and seven PG teams, each team consisting of two students, participated in the competition. There were 4 rounds, namely, Written quiz, Dumb-charades, Connections and Guess the fact. The winners are:

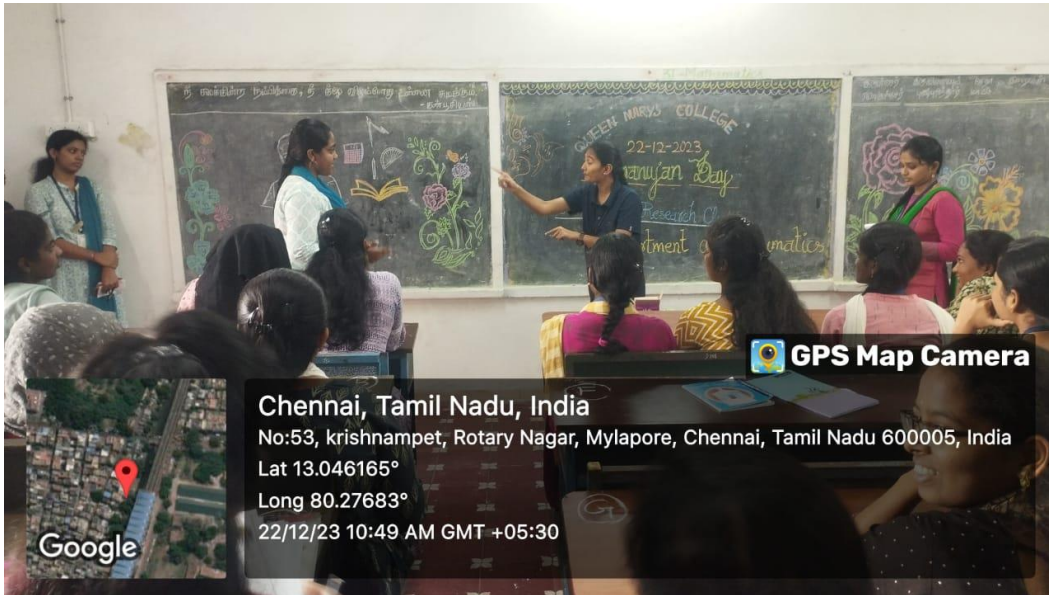
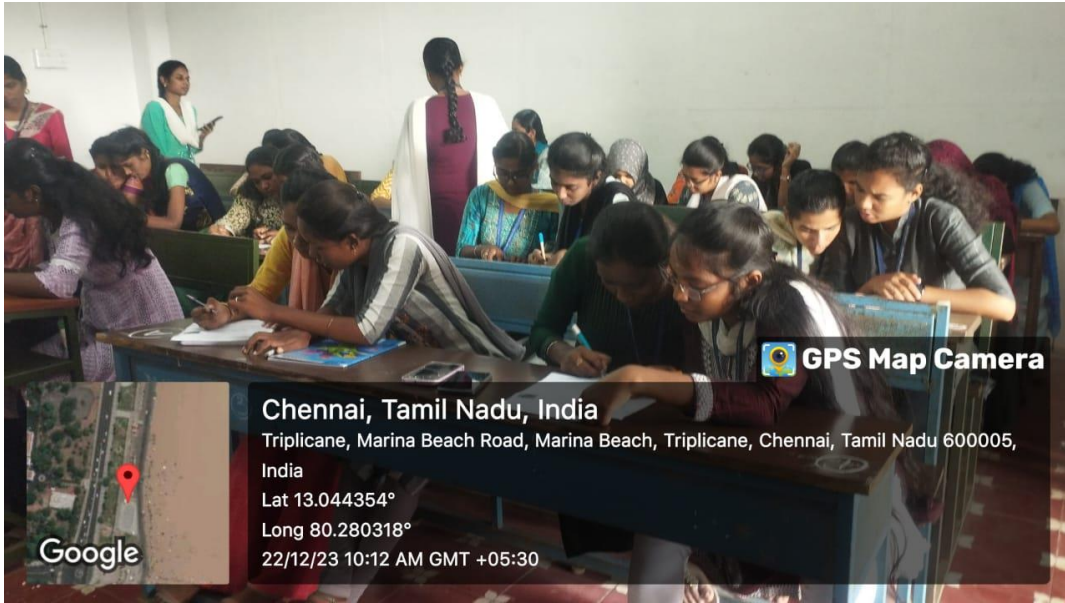
PG STUDENTS:

- **1st Prize:** Ayesha. M and Revathi. G (II MCom)
- **2nd Prize:** Abirami. L and Usha. G (II MSc Physics)
- **3rd Prize:** Gayathri. R and Praislin Sharli. M (II MSc Chemistry)

UG STUDENTS:

- **1st Prize:** Shivani Asha. J and Honee. K (II BSc Geography)
- **2nd Prize:** Aasmeen. T. A and Abi Shalini. R (III BCom)







INAUGURATION OF MATHEMATICS ASSOCIATION

The Inauguration of the Mathematics association was held on 28 th December 2023.

Mrs. V.R.Subbulaxmi IAS, Joint Commissioner (Administration) , Department of Commercial Taxes, Chennai delivered inaugural address. She motivated students to work hard to become successful in UPSC and TNPSC Exams. Students had a very effective interactive session with her. She presented badges to the office bearers of the association and distributed prizes to the winners of the Ramanujam day -Interdepartmental quiz competitions.





TRAINING PROGRAM ON DATA ANALYTICS

In the academic year 2023 - 2024, undergraduate students from shift II attended the seminar in “Data Analytics” conducted by CSC Computer Education center, Mylapore, Chennai on 28/12/2023.

Students gained knowledge in the following;

- Excel.
- Advanced Excel.
- Power BI.
- SQL.



Program taken by Mr. V. N. Balasenthilvel.

INTER – CLASS CULTURAL EVENTS - 2023-24

Inter class cultural Events were conducted by Mathematics Association on three days with Off stage Events like Math modelling, Poster making, Rangoli,



Mehandi were conducted on 05/02/24






Chennai, Tamil Nadu, India

CANTEEN, QUEEN MARYS COLLEGE, Kailasapuram, Mylapore, Chennai, Tamil Nadu 600005, India

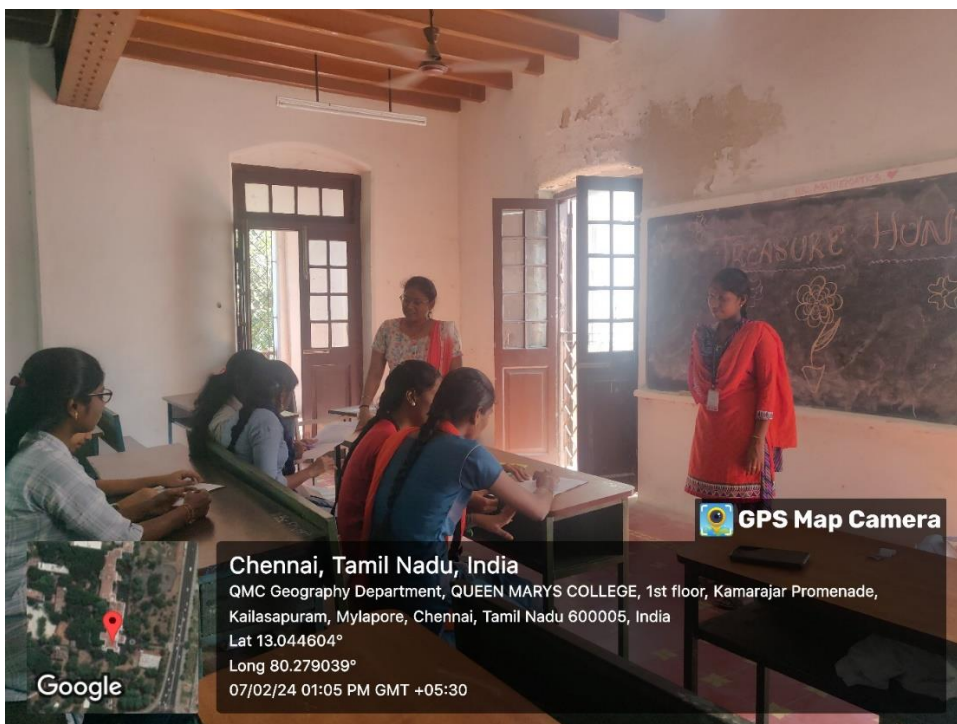
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 **GPS Map Camera**

Debate and Treasure hunt were conducted on 07/02/24



On Stage Events such as Solo singing, group singing, fashion show, solo dance, group dance were conducted on 8/02/24



LIST OF PRIZE WINNERS

1. POSTER MAKING

PRIZE	NAME	CLASS
I	T.AARTHI B.VANITHA	II MSC
II	S.THARANI ROJA	I MSC
III	M.JAYASRI E.SUBASHINI	II BSC TM

2. RANGOLI

PRIZE	NAME	CLASS
I	V.R.ATHULYA M.HEMALATHA B.PRIYADHARSHINI	I MSC
II	P.M.KALAIVANI	II BSC TM

	S.LAVANYA S.JEEVITHA	
III	M.REKHA MAHALAKSHMI P.PRIYANKA	II MSC
III	J. SHARMILA C.ROHINI N.VASANTHAKUMARI	III BSC TM

3.MATH MODELLING

PRIZE	NAME	CLASS
I	V.SUVITHA S.PORKODI	III BSC EM-S1
II	S.KEERTHANA G.KALAIVANI	I MSC
III	P.UMAMAHESWARI S.DHANUSHA	II BSC TM

4.MEHANDI

PRIZE	NAME	CLASS
I	P.SUBASHINI N.M.RAJESHWARI	I MSC
II	S.PRIYADHARSHINI M.VARSHA	III BSC EM-S1
III	V.ANUSARADHA M.P.PAVITHRA	III BSC TM

5.TREASURE HUNT

PRIZE	NAME	CLASS
I	V.KAVITHA S.SUBALAKSHMI	III BSC TM
II	S.LOGA PRIYA R.ESTHER	II BSC EM-S1
III	R.PRIYANGA A.MEENATCHI	III BSC EM-S2

6.DEBATE

PRIZE	NAME	CLASS
I	N.VINODHINI	I BSC EM-S1

II	G.KALAIVANI	I MSC
III	M.HEMALATHA	I MSC

ON-STAGE EVENTS

7.SOLO SINGING

PRIZE	NAME	CLASS
I	N.VINOTHINI	I BSC EM-S1
II	U.R.VASUNDARA	II BSC EM-S1
III	DHAYASREE	II MSC

8.SOLO DANCE

PRIZE	NAME	CLASS
I	P.JAYADEVI	III BSC TM
II	K.VINOTHINI	II MSC
III	ROJA	I MSC

9.DUAL DANCE

PRIZE	NAME	CLASS
I	R.PREETHI D.ABINAYA	III BSC EM-S2
II	S.PAVITHRA M.POOJA	III BSC EM-S1

10.GROUP SINGING

PRIZE	NAME	CLASS
I	INDHUMATHI RUBASHREE BHAVANI REKHA SOWNDHARYA AARTHI	II MSC
II	M.LOGESHWARI M.POOJA S.PAVITHRA T.JASPANA J.JONAT JEMILA J.SATHYAPRIYA	III BSC EM-S1

III	P.SARANYA E.M.BANU N.SUGANTHI L.DHANALAKSHMI M.MONISHA G.MEENA	III BSC TM
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11.FASHION SHOW

PRIZE	NAME	CLASS
I	M.SARUNITHI B.VANITHA	II MSC
II	K.HEMAPRIYA A.JANNATH VISAIBA	III BSC EM-S1
III	SNEHA RESHMA	III BSC TM

12.GROUP DANCE

PRIZE	NAME	CLASS
I	D.ABINAYA R.PRIYANGA R.PREETHI R.RANJITHA R.SARANYA P.SUMATHI	III BSC EM-S2
II	T.AARTHI B.VANITHA P.SOWNDHARYA V.PADMASHREE B.RAMALAKSHMI V.DHARANI	II MSC
III	C.DHAKSHANA PRIYA S.PRIYADHARSHINI V.SUVITHA S.SWETHA R.THINILA T.TAMILARASI	III BSC EM-S1
III	S.MANVIZHIROJA G.MEENA S.L.KUMARI J.SHARMILA N.VASATHAKUMARI G.SOWMIYA	III BSC TM

TWO-DAY INTERNATIONAL SEMINAR ON MATHEMATICS AND ITS APPLICATIONS

Two-day International Seminar on Mathematics and its Applications organised by PG & Research Department of Mathematics is planned in commemoration of the 75th Anniversary of the Department which was started in the year of 1948.

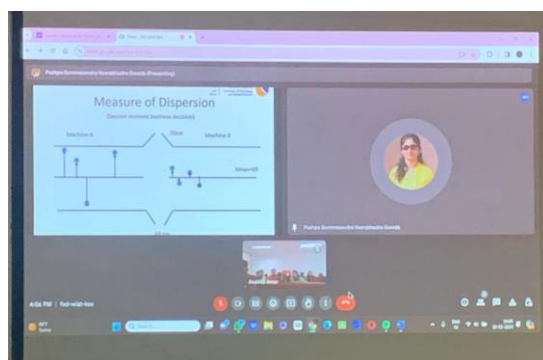
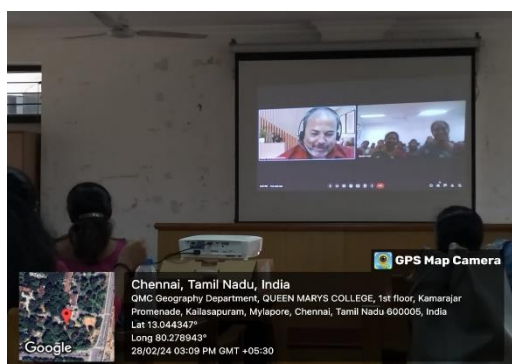
On 28th February 2024, during the Inauguration, **Dr. N. Jansi Rani**, Associate Professor & Head, Department of Mathematics, Queen Mary's College, Chennai, gave a welcome address to Principal Madam **Dr. B. Umamaheswari** and the Chief Guest of the seminar **Prof. Dr. V. Thangaraj**, Former Director and Head, Ramanujan Institute for Advanced Studies in Mathematics, University of Madras, Chennai. Our Principal gave the Presidential Address which was a motivating and inspiring Speech for both Staff and Students as always. Prof. V.Thangaraj Sir delivered the Inaugural speech on the topic of **EVOLUTION OF INTEGRATION: NEWTON TO ITO**, through his unique way of sharing knowledge.



A cultural Programme was arranged to showcase the talents of our students through dance, song and Karagaattam. On top of all these, many of our former Professors were honoured by our Department Faculty members and they all happily shared their memories and experiences in QMC.

There were two online invited talks in the afternoon session.

First talk was delivered by **Dr. A. Naseer Ahmed**, Lecturer in Mathematics, Head of Mathematics Section, University of Technology and Applied Sciences, Nizwa, Sultanate of Omen on the topic **Semi-coloring of General Vague Graph : A novel approach for solving Examination Timetabling Problem.**



The second talk was by **Dr. Pushpa B V**, Assistant Professor, University of Technology and Applied Sciences, Nizwa, Sultanate of Oman, on the topic **Introduction to Data Science and Statistics.** Sessions were very informative and well received by our students.

On 29th February 2024, the paper presentation session, PG students from various city colleges presented papers. Prof. Dr. **V. Rajkumar Dare**, Former Head, Department of Mathematics, Madras Christian College, Tambaram, Chaired the session.

In the valedictory session, Prof. **Dr. K.G. Subramanian**, Former Professor, Department of Mathematics, Madras Christian College, Tambaram and currently Honorary Visiting Professor, Liverpool Hope University, U.K. delivered a talk on **Patterns In sequences in Mathematics** which was quite interesting and his passionate about the subject can inspire the students.



Totally nine papers were presented on various topics, to name a few, Graph theory, Cryptography etc.,

It is a great pleasure and remarkable experience to each and every Staff and students of the PG & Research Department of Mathematics to be a part of its 75th year celebration.

VALEDICTORY OF MATHEMATICS ASSOCIATION

The valedictory function of the Mathematics Association was held on 22nd March 2024 at 11pm in the Department of Mathematics. Dr R Abhiramasundari, Head of the Department of Music presided over and distributed medals and certificates to the winners of inter-class cultural onstage and offstage events. The overall trophy was won by second year M Sc Mathematics students.



STAFF & STUDENTS ACHIEVEMENTS

The following students from II BSc Mathematics EM and TM from Shift I and Shift II participated in Two day MTTs programme for Mathematics Under Graduate Students conducted by P.G and Research department of Mathematics, Ramakrishna Mission Vivekananda College ,Mylapore, Chennai on 6th and 7th October 2023.

1. Surya. S
2. Jayachithra P
3. Jayashree .M
4. Kowsalya M
5. Harini M
6. Rajalakshmi .M

Students who won accolades by participating in the events conducted by other institutions.

SNO	NAME OF THE STUDENT	CLASS	PRIZE	DATE	EVENT	PLACE
1.	M. SARUNIDHI & Y. DHAYASHREE	II M Sc	I Prize	21/2/24	Maths Mania	Intercollegiate event in SIET college, Chennai
2.	THARANI & NITHYASREE	I M Sc	I Prize	06/3/24	Oral Presentation	Intercollegiate event in Mohammed Sathak College, Chennai
3.	PADMASRI & AARTHI	IIM Sc	I Prize III Prize	06/3/24	Poster Making	Intercollegiate event in Presidency College, Chennai
4.	JAYADEVI TAMILSELVI KALAIVANI	III B Sc III B Sc II B Sc	I Prize	March 2024	Ilakkiya Thiruvizha	Anna Centenary Library