

St John's College, Palayamkottai

Department of Mathematics-Academic Activities 2017- 2018

The academic year 2017-2018 faculty members and students of department of Mathematics apart from the regular class room teaching learning and university Examinations had enjoyed a variety of programs. The students have won several prizes in various competitions conducted by other colleges. The teachers and research scholars participated in several National and International Conferences and presented papers. The staff members have served the college in various capacities for the upliftment of the campus.

On 18.8.2017 Fresher's Day party was conducted by the senior students of our department to welcome the I -M.Sc and I -B.Sc students.

A seminar on "**Successful Life**" was conducted on 8.09.2017. Dr.Abiah Chlliah, Assistant Professor, Department of Botany and Dr.A.Sakunthala Israel (Rtd Principal, SCAD College of Education) were the resource persons. They spoke on various issues trending in social media that affect the youngsters mind to an extent of committing suicide. Also they pointed out the importance of self imposed discipline and obedience to lead a successful life. The students were benefited.

A seminar on "**Career guidance and research methodologies**" was conducted by our department on 18.12.2017. Dr.Kala, Department of Mathematics, MSU, Tirunelveli was the resource person of this seminar. The program comprised of two sessions. The first session was handled by Dr.Kala. She gave ideas on doing research in National & International Institutes. Also she insisted and encouraged the students to do research in the areas where several Mathematical conjectures are available. The second session was handled by Dr G.Jeyakumar

H.O.D of Mathematics. He focused on NET questions and gave the students some tricks to tackle such problems with the aid of power point presentation.

“**A Seminar on Research Methodology**” for II M.Sc, M.Phil and Ph.D Scholars was held on 23.01.18. Mrs.A.Rizwana, H.O.D of Mathematics, Sathakappathula College Tirunelveli was the resource person. She gave enough exposure on doing research under various topics like how to find and choose research problems, how to write a research proposal, how to choose Journals with impact factor for publication of papers etc were clearly explained to the participants.

“**Mathfest-2018**” was conducted on 7.2.2018. Various competitions like oral and written presentation on any interesting Mathematical topics and Mathematical quiz were conducted.

Dr. M.Daniel Sweetlin H.O.D of Physics of our college was the chief guest and gave a talk on “Interdependence of Mathematics and Physics”. After the Quiz, Elocution competitions were conducted by the department faculty members. Students participated eagerly and won prizes. In the last session of Mathfest-2018, Dr.D.Dorathi Chandra, Associate professor of English, Rani Anna College for women delivered a detailed speech on “Know Thyself”. Students were challenged and benefited.

A Smart class room constructed for department of Mathematics was inaugurated by our Principal Dr. S.John Kennedy. M.Sc students and M.Phil research scholars are using this to present their project works and seminars. INFLIBNET is available and the students are using the same during their leisure time.

Farewell party was conducted on 10.4.2018 by I- M.Sc students to the II M.Sc students.

The valedictory function of the Mathematics Association was conducted on 19.4.2018, Dr.Muruga Lingam, Associate Professor, Saratha College was the chief guest and gave an inspiring talk on “Generalized Topology’. The students and research scholars were enlightened. Also various competitions for students were conducted. Students from all classes participated eagerly and won prizes.

Farewell party was conducted on 20.4.2018 by I and II year B.Sc students to the III B.Sc students.

Achievements of results

Over all, we are maintaining 85% results in the University Examinations.

Academic activities of our faculty members

In this academic year, Dr.S.Shyamala Malini and Ms. Henrietta Johnny were appointed as Assistant Professors of Maths in the vacancies caused by the retirement of Dr J.Suresh suseela and Mr. Stalin Alexis.

- ✓ Dr.G.Jeyakumar, Head of the department of Mathematics was the resource person for the Association meeting held at Sarah Tucker college, Tirunelveli on 5.10.2017.
- ✓ Dr.G Jeyakumar, Head of the department of Mathematics was the resource person for St John’s college of Education for the Mathematics club on 28.11.2017.
- ✓ Dr.G.S. Grace Prema participated International conference on 18.01.2018 to 20.01.2018 at MSU.

- ✓ Dr.G.S. Grace Prema organized the International women's day competition on 8.03.2018 at MSU.
- ✓ Dr.A.Alwyn Asir is serving as the coordinator of NAAC of our college and working hard to get the NACC accreditation.
- ✓ Dr.J.Vijaya Xavier Parthian is serving as the Coordinator for St.John's IAS Academy of our college, which gives training to IAS aspirants of our college students. Presently 60 students are attending the program. He also worked as an organizing Secretary for the Graduation day program of the college where nearly 500 students received their diplomas.
- ✓ Mrs. S. Vijila Velvet Daisy is serving as the member of Board of studies of Sarah Tucker College (Autonomous), Tirunelveli-7.
- ✓ Mrs.W. Ranjitha Mary is the program officer for unit 29 of our college NSS and she attended NSS orientation Program at Avinasiligam University, Coimbatore from 1.2.2018 to 9.2.2018. Also she organized the NSS camp at Aarikulam village from 13.2.18 to 19.2.18 for our college NSS volunteers.
- ✓ Dr.G.S. Grace Prema, Dr.J.Vijaya Xavier Parthian and Dr. J.Subhashini participated in the One day research orientation programme conducted by MSU on 1.11.2017.

Research Activity

In this academic year, our department has been elevated and granted the research center status by the M.S University. Thanks to the officials of MSU and to the former HOD Dr. J.Suresh Sussela who is instrumental for this endeavor.

Dr.G. Jeyakumar and Dr. A.Alwyn Asir are already approved research guides of MSU.

Dr.G.S. Grace Prema, Dr. J.Vijaya Xavier Parthipan and Dr. J.Subhashini have obtained the guide ship from MSU. At present, 5 research scholars are pursuing their Ph.D programme through our research department.

Students Awards

- S.Ananthi of III -B.Sc attended 20 days workshop “NURTURE-2017” at Central university of Tamil Nadu, Thiruvaroor from 11.6.2017 to 30.6.2017.
- State level Inter collegiate Competitions were conducted by St.Xaviers College on 19.12.2017. Nearly 300 students from 20 colleges participated in these events.15 students from our department actively took part in all the events and won prizes. Also our students won the overall Championship Trophy.
- Christmas day celebrations in our college were held on 22.12.2017. Our students won I-Prize – (III -B.Sc) & II- Prize-(I-M.Sc) in Kudil competition.
- South Zone Inter college cultural meet was conducted by Dr.N.G.P arts and Science College, Coimbatore on 25.01.2018. S. Vijay Prakash (I- M.Sc) won the first prize in soap carving.
- State level Quiz competition was conducted by Sri Paramakalyani College, Alwarkurichi on 23.2.18. Our students John (II -M.Sc), R.Sairam (I-M.sc) and S.Muthukumar (I-M.Sc) won the III Prize.
- MSU conducted a university level Mathematical Quiz competition on 1.03.2018. Our students S.Ananthi (III B.Sc), M.Rajalakshmi (III B.Sc) and P.Esther Rani (III- B.Sc) participated and won the **first prize**.

- Rani Anna College conducted Mathematical quiz competition on 7.03.2018. Our students Sahina (III B.Sc) , Shanmuga Lakshmi (III B.Sc) and Rohini Vijaya lakshmi (I- M.Sc) participated and won the third prize.
- Manonmaniam Sundaranar University organized International women's day competitions for UG by on 08.03.2018. S.Sahina of (III –B.Sc) won the first prize in Essay writing.

Students passed in Various Exams

- Rose Evangeline J of (II- B.Sc) passed in Indian postal exam and got the appointments on 13.3.2018.
- Akil Nivetha. (III.B.S c) passed the joint admission test (JAM), for M.Sc in Indian Institutes of Technology and Indian Institute of Science, Bangalore.

Student's enrichment activities

We are encouraging PG students, M.Phil and Ph.D scholars in research activities

- ❖ Sadakathullah Appa College (Autonomous) conducted a National seminar on 14.09.2017.
- ❖ II - M.Sc students (18 members), M.Phil scholars (7 members) and a Ph.D scholar, from our department participated.
- ❖ Free NET/JRF/2017 Coaching Program was conducted by Manonmaniam Sundaranar University on 09.12.2017. II- M.Sc students (18 members) attended.
- ❖ On 22.12.2017, A State level workshop on “NET training Program” was conducted by A.P.C.Mahalaxmi College for women,Tuticorin. G. Princess, Ph.D scholar, few more students participated.

- ❖ G. Princess, Ph.D scholar, participated an International conference on “Algebra & Discrete Mathematics” from 8.1.2018 to 10.1.2018 at Madurai Kamaraj University.
- ❖ An International conference on “Discrete Mathematics and its Applications” from 18.01.2018 to 20.01.2018 was conducted by Manonmaniam Sundaranar University. Our Ph.D scholars Rizwana, G. Princess and M.Arockia Amala participated. Rizwana presented a paper.
- ❖ Our Ph.D scholar G.Princess and 10 M.Phil scholars participated in the National Conference on “Innovations in Mathematics” conducted by Sadakathullah Appa College, Tirunelveli on 09.02.2018.
- ❖ Our Ph.D scholar M.Arockia Amala and 4 M.Phil scholars participated in the “National Conference on Mathematics” conducted by Sri Saratha College for women, Tirunelveli on 20.02.2018.
- ❖ 9 M.Phil scholars participated in the International conference on “Emerging trends in Mathematical strategies” conducted by Sarah tucker college, Tirunelveli-7 on 26.02.2018
- ❖ Pioneer Kumaraswamy College conducted a state level workshop on the use of Latex on 22.02.18 and 23.02.18. Our M.Phil and Ph.D scholars participated.
- ❖ Our Ph.D and M.Phil scholars participated in the One day International seminar on Recent Trends in Mathematics conducted by Nazareth Margoschis College on 02.03.2018.