

DEPARTMENT OF MATHEMATICS

DEPARTMENT ACTIVITIES

2014 - 2015

1. Special meetings and Guest lectures

The inauguration of the 'Mathmagic Association' was held on 25.07.2014 during college union inauguration. A Special meeting under the auspices of 'Mathmagic Association' was convened on 03.03.2015 with Dr.(Mrs).M.G.Karunambigai, Assistant Professor, Department of Mathematics, Sri Vasavi College, Erode as Chief Guest. She spoke on "Applications of Graph Theory".

Organized UGC funded Guest Lecture Programme on "Atoms in the service of mankind" on 10th July 2014 with Dr.J.Daniel Chellappa, Senior Scientist, Bhabha Atomic Research Centre & Technical Coordinator, Central Expert Group, Kudankulam Nuclear Power Project, Chennai as Chief Guest. 350 UG and PG students of Mathematics, Physics, Chemistry and Computer Science and 20 staff members participated in the Programme.

2. Association competitions

In connection with 'Mathmagic Association' activities, Quiz competition was conducted for the students of I B.Sc., II B.Sc., and III B.Sc., Mathematics respectively on 05.08.2014, 07.08.2014 and 08.08.2014. The students of Department of Mathematics had actively participated in the competitions and won prizes.

3. National / International Workshops / Conferences / Seminars organized

Mathematics Workshop for Students (MWS - 2014) funded by National Board for Higher Mathematics (Department of Atomic Energy , Govt. of India) was conducted by Department of Mathematics during 25th - 27th June, 2014. There were 90 participants from 11 colleges. Academic sessions were handled by **Prof.V.Kannan**, Professor, University of Hyderabad, Hyderabad, **Prof.K.N.Raghavan**, Professor, The Institute of Mathematical Sciences, Chennai and **Dr.Geetha Thangavelu**, Post Doctoral Fellow, The Institute of Mathematical Sciences, Chennai. In the valedictory session, **Prof.K.N.Raghavan**, Professor, The Institute of mathematical Sciences, Chennai inaugurated the “Mathclub” for students, initially with participants as members of the club.

UGC sponsored Two Day Workshop had been organized on “Education for Life and Techniques to Crack TNPSC Examinations” on 22.08.2014 and 23.08.2014. **Mr.K.Parivallal**, CEO, DMW CNC Training Division, DMW Group of Companies delivered a talk on “Education for Life ”. **Mr.K.Sathishkumar**, Assistant Inspector, Local Fund Audit, Tamilnadu State delivered a talk on “Techniques to Crack TNPSC Examinations”. 188 students participated and benefited out of this programme.

Organized Indian Women and Mathematics Teachers Training Programme (IWMTTTP - 2014) during 20 – 23 November 2014 funded by National Board for Higher Mathematics (Department of Atomic Energy, Govt. of India). There were 67 participants from 23 colleges. Academic sessions were handled by **Prof. Usha Mohan**, IITM, Chennai, **Prof. Gowri Navada**, Periyar University, Salem, **Prof. Clare D’ Cruz**, CMI , Chennai, **Prof. Sujata Ghosh**, ISI, Chennai, **Prof. Anita Naolekar**, ISI, Bangalore, and **Prof. Pooja Singla**, IISc., Bangalore.

4. Retraining of Teachers / Library Visits / Lab Visits / Industrial Visit

Department of Mathematics organized UGC sponsored “Retraining of Teachers” programme on 26.12.2014 and 27.12.2014. In Technical Session, **Dr.L.Shanger Ganesh**, Postdoc Fellow, Department of Mathematics, Indian Institute of Science, Bengaluru delivered a talk on “Partial Differential Equations”.

The Staff Members and Research Scholars of the Department of Mathematics visited the library of Ramanujan Institute for Advanced Study in Mathematics , University of Madras, Chennai and Romain Rolland Library, Pondicherry during 05 - 06 September, 2014.

University of Madras is the mother of almost all the old Universities of South India. The Research Scholars found lot of books and journals which are more informative and useful. The team spend time to gather more information related to research work by referring journal articles (online / print) and books.

Romain Rolland Library is one of the oldest libraries in the country which was established in 1987 and was previously called as Bibliotheque Publique. There are more than 3,15,000 books available in the library in different languages. The team visited the reference section also and collected information in general. The book entitled “Encyclopedia of Teaching” by Marlow Ealiger and Digumarti Bhaskara was very useful.

5. Extension Activity

1. Mathclub Lecture Series - MLS

As a part of Mathclub activity, a series of lectures has been conducted. MLS – I was conducted on 09.08.2014 with **Mr.M.Radhakrishnan**, Research Scholar, Department of

Mathematics, Ramanujan Institute of Advanced Studies in Mathematics, University of Madras, Chennai as Resource Person. He spoke on Topology and Real Analysis. There were 36 students from 5 colleges.

On 31.01.2015, in MLS – V, **Ms.R.Myna**, Assistant Professor, Department of Mathematics, Sasurie College of Arts & Science, Vijayamangalam delivered a lecture on “Vector Spaces & Sylow’s Theorems”. 90 participants from 11 colleges participated.

2. Extension Activity for School Children

The Department organized Extension Activity on “**Teaching and Learning Mathematics through Mathematical Models**” for Class VII & IX students of Government Boys Higher Secondary School, Manichampalayam and Government Girls Higher Secondary School, Perundurai on 31.12.2014. 87 students participated and benefited through this activity. 54 students of III B.Sc., (Mathematics) gave a hands-on training to the school students on Mathematical models in “Ramanujan Mathlab and Research Centre”.