Department of Mathematics
Annual report 2015-16

Seminar

The department conducted a regional seminar on 'Foundations of Mathematical Analysis' on 4-3-2016 as part of Education Innovation programme. Dr Sajith G, S. S college, Areacode was the resource person.

Cluster programme

A workshop for under graduate students of Mathematics was jointly organized at St. Mary's college, Sulthan Bathery with the support of Kerala School of Mathematics during 9-13 December, 2015. A total of 45 students from various institutions of Wayanad district participated in the workshop including 22 Students from our college. Mr Santhoshkumar C G was one of the local co-ordinators.

Publications

1. **Viji Paul**& K. A. Germina, On Hypergraph coloring and Linear Hypergraph Set-indexers of a Graph, DMAA, Vol. 7, No. 2 (2015) 1550015   (11 pages)
2. **Viji Paul** et.al, On Co-regular graphs, Australian J. Combinatorics, Vol **62(1)** (2015), 8–17

Participation in Seminars/Workshops/ Conferences

1. Dr Viji Paul attended the Conference held at LBS Centre Head Quarters at Thiruvananthapuram on July 14-15, 2015 for revision of syllabus and preparation of model question paper for the SET examination.

2. Mr Aboobacker P Presented a paper entitled "Covering Based Rough Sets" in the Two day Workshop on Topology organized by PG Dept of Mathematics, Sree Narayana College, Alathur on December 3-4, 2015.

3. Mr Aboobacker P presented a paper entitled "On Approximation of Sets" in the National seminar organized by PG Dept of Mathematics, PSMO college, Thiroorangadi.

4. Mr Aboobacker P attended two day National seminar on "Application of Math lab in Basic Sciences" organized by Department of Mathematics, Farook colloge, Kozhikkode on July 8-9, 2015.

5. Mr Aboobacker P participated in the Faculty Development Programme on IT tools for Academics(Moodle), conducted by ICT Academy of Kerala in association with FLAIR during November 12-13, 2015.

6. Mr Aboobacker P attended FLAIR induction training programme during August 17-18, 2015.

Student Project

Mr Amar K P, Ms. Athira K R and Ms. Anaswara N of III BSc Mathematics were awarded Student project fellowship from KSCSTE under the scheme for Promoting Young Talents in Science (SPYTiS-II) for the project entitled "An attempt to solve sequential ordering problem(SOP) and Travelling salesman problem(TSP) using ant-colony algorithm".

Extension Programmes

In association with Department of Physics, Gifted Children programme was arranged for selected school children of Wayanad district on 30. 1.2016.

BSc Mathematics students visited the paddy fields of Cheruvayal Raman at Kammana and prepared a report.

Extension Lectures delivered by Faculty Members

Dr Viji Paul delivered a talk on 'Problem solving Techniques in Mathematics' at St. Mary's college, Sulthan Bathery on 6-1-2016.
Dr Viji Paul delivered a talk on ' Mathematics in Games' at Don Bosco college, Sulthan Bathery on 24-11-2015

Other programmes

1. A manuscript magazine 'Natti' was released on 4-3-2016.

2. Observing National Mathematics Day, a Mathematics Quiz was conducted for students of the college and exhibited posters on 19-12-2015.

3. Three Mathematics problems contests were conducted and prizes were distributed.

4. Mathematics Association was formally Inaugurated by Sri Benny Vettical, St Marys College HSS, Sulthan Bathery on   29-12-2015. He delivered a talk on 'Success through mind power'

5. Fresher's day was conducted on 20-10-2015

Achievements of Students

1. Anu Mohan and Vinaya Surendran participated in the camp conducted by SRIBS at Kottayam.
2. Afeefa Sajatha, Sreeranjini and Athira K R of III BSc Mathematics won first prize in the District level Collage competition conducted as part of observance of International Ozone Day.
3. Mohammed Niyas K II BSc Mathematics, won first prize in the Oral presentation competition on ' Environmental problems and possible remedies for college students.
4. Tony of II BSc Mathematics, won second prize in the Oral presentation competition on ' Environmental problems and possible remedies' for college students.