

SIGMA Association - Department of Mathematics

Objective of Mathematics Association

The primary objectives of our Mathematics association “SIGMA” are as follows

- To enhance the student’s creative as well as analytical thinking
- To enable our students to apply the mathematical knowledge to every life situation

Inauguration of SIGMA Association

The inauguration of the Mathematics Association “SIGMA” was solemnly begun on 13th July 2012 in Xavier Hall for the academic year 2012-13. The program started with a prayer song to invoke God’s blessings.

The Association began with lighting the lamp. Rev. Fr. J.M. Das S.J., The Principal, Rev Fr. Arul Ravi S.J., Vice- Principal, Chief guest Dr. M. Maruthai, Associate Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli, Prof. S.Roseline Mary Head of the Department , Prof. R. Geetha, the Association President and Mr. Varatharajan, the student’s secretary lit the lamp. Prof. S. Roseline Mary Head of the Department gave the welcome address and Rev.Fr. Arul Ravi. S.J. introduced and honoured the chief guest. Dr. Maruthai, Associate



Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli. The chief guest inaugurated the Association and gave a lecture on Geometry in Linear Algebra. He motivated the students and created enormous interest and involvement in Mathematics. The sessions were interactive and interesting. He explained the concepts with appropriate examples. The students realized and learnt to apply Mathematics in real life. Rev. Fr. J.M. Das S.J., our Principal Loyola College, Vettavalam, felicitated and motivated the students to develop their interest and knowledge.

To encourage the students we took our students to Kamban Arts and Science College for women, Thiruvannamalai, for a state level seminar on Mathematical Modeling: Introduction to interval valued Fuzzy normed linear Space on 14th Sep 2012. Ten of our students and two of our faculty members participated in the seminar and Miss. Franklin Anuncia from III B.Sc. Mathematics, Miss. Savariammal from II B.Sc. Mathematics, presented their papers. Miss. Franklin Anuncia of III B.Sc Mathematics won second prize for her presentation.



The second Programme of the Association was conducted on 21th Sep, 2012 Prof. J. Jon Arokiaraj, Department of Mathematics, St. Joseph's College of Arts and Science, Cuddalore, was the resource person of the day. He gave a seminar on The Basic Concepts of Real Analysis. The sessions were more informative and interactive.

On 06th Oct 2012 a seminar was held for III B.Sc. Mathematics students. Dr. M.Maruthai, Associate professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli gave a lecture on Mappings in Complex Analysis.

To improve the communication skill we conducted spoken English course for B.Sc Mathematics students on 05-08th Dec 2012. Rev.Fr. Arul Ravi gave the welcome address and introduced Mr. Selvam, the resource person of the day. The students were curious to learn English and started speaking in English.

Our students went to Gonzaga College for women, Elathagiri, Kathampallam, Krishnakiri District, for a *National Seminar* on Applications in mathematics Analysis on 16th Feb 2013. Thirteen students and two staff members went for the seminar which gave the students courage to participate in a seminar. There was also another opportunity given to our students to go to the School of Advanced Sciences, VIT University, Vellore, for a National Science day for a seminar on 'Application of Mathematics to the current Science' on 28th Feb 2013. Thirteen of our students and two faculty members participated in the seminar. Eight of our students participated in a Quiz competition and Miss.Franklin Anuncia of III B.Sc Mathematics presented a paper on Application of Mathematics to the current Science.

Another interesting program was conducted by our Department that is none other than Intradepartmental competition. We had a Quiz competition, Paper presentation and Article submission on 14th March 2013 for the students of the Department of Mathematics. The students were enthusiastic and energetic to show their interest in participating in such Programs.

We had a final seminar on Fuzzy Set on 15th March 2013 for this academic year 2012-13. Dr.Thangaraj, Head of the Department of Mathematics, Thiruvalluvar University, Vellore was the resource person of the day. The program started with a prayer song to invoke God's



blessings. Prof. S.Roseline Mary welcomed and introduced the chief guest. Rev. Fr. Arul Ravi, SJ, honoured the chief guest and gave the felicitation address. The seminar on Fuzzy Set was introduced by the resource person.

He presented the concepts in the form of a PowerPoint session. It was excellent and easy to understand. In the

feedback session all the students came out articulating their experiences and learning. The final year students felt that the session was very useful and interactive. Finally the Association President Prof. R. Geetha proposed the vote of thanks.

Conclusion

To conclude, all our association activities aimed towards the empowerment of our students. Both faculty members and students from our department owe their deepest gratitude to the management, particularly Fr. Principal for encouraging us to conduct useful programs for the students and to attend various seminars, workshops organized by other educational institutions. It is our hope and wish that our association will visibly blossom in the coming years.