

**DEPARTMENT OF MATHEMATICS  
JESUS AND MARY COLLEGE  
UNIVERSITY OF DELHI  
ANNUAL REPORT  
2016-2017**

The department has remained a landmark of excellence ever since its inception. With the best and most dedicated faculty the department caters to the needs of around 200 students annually. A combination of classroom sessions, paper presentations and interactive sessions are held to help students appreciate the importance of mathematics which further grooms them to become intellectually sound, disciplined and focused. The course also grooms them to become more effective in the careers they opt for, be it in academics or the corporate sector.

MATHARENA, a department festival, is held every year and is a huge success as students from all Colleges in the university participate.

The following events were organized by the Department of Mathematics in the year 2016-2017 under the constant guidance of our teachers-association in charge, Dr. Anu Saxena and

Teacher in charge, Ms. Sunita Narain. All the teachers of the Department of Mathematics mentored the students at every step. We also thank the non-teaching staff at Jesus and Mary College for the smooth conduct of all our events.

## **FRESHERS WELCOME**

The Department of Mathematics welcomed the batch of 2016-2019 on 31<sup>st</sup> August, 2016 with a lot of excitement and warmth. The department students had organized a contest for the title of '*Miss Maths Hons.*' so that all the students of the department would get to know each other at a personal level as well as to make a comfortable environment in order to have a memorable college experience for everyone. The new batch was overwhelmed with the preparations their seniors had done for them.



## TEACHERS DAY

Teachers Day was celebrated on 5<sup>th</sup> September, 2016. The department of mathematics celebrated

the special occasion with a lot of enthusiasm. The teachers were invited for a program which included two dance and a piano performance by the students of first year.

A short movie was made for the teachers acknowledging their importance and meaning in a student's life. The teachers were felicitated with saplings and handmade cards by students. It was an event where the whole department came together to salute the hard work put in by our dear teachers. At the end of the programme teachers gave all the students a heart-warming message.



## **MATHARENA'17**

The Department of Mathematics organized its annual festival MATHARENA on 11<sup>th</sup>-12<sup>th</sup> January, 2017. Students from prestigious colleges of Delhi University as well as students from IIT-Delhi,

Jawaharlal Nehru University, Jamia Millia Islamia and other colleges participated in the different events in the festival that were organized by the students of the department. The guest was introduced by our very own teacher Dr. Anu Saxena.

Professor Rajeeva Laxman Karandikar, Director of Chennai Mathematical Institute in Chennai, was the chief guest of the event as well as talked on “*Career in Mathematics in Current Times*”. There was a very bright and alert audience for the same and Prof Karandikar was asked a wide range of doubts that the students had. Also, Prof Ajeet Iqbal Singh honoured us with her presence at the event and helped and gave a clearer and wider picture of what all the students could pursue after mathematics. Many activities were organized by the students of the department that included Treasure Hunt, Pictionary, Mathematical Tambola, Faking the Research, Sudoku and The Ultimate Race. All these activities witnessed an extensive participation from students outside Jesus and Mary College.

For the first time students of the department had put up food stalls to raise money for the event. We also collected money through sponsorships.

We thank our faculty for guiding us in planning and execution.



## ASSEMBLIES

17<sup>th</sup> January 2017-

The Topic of this Assembly was **Happiness** it was presented by the First-year students. The Assembly Began with a short prayer followed by a greeting. The students then gave a speech on happiness along with a short Story on the same. The Assembly was concluded on the moral that Happiness can be extracted from the Simplest and commonest things in life.

13<sup>th</sup> January 2017

The theme of this Assembly was '**love**' since it was close to Valentine's Day. The Assembly began with a short prayer Followed by a welcome greeting by the vice President. The Students of Second year spread the message of love to the students by telling us how important love is and how while talking about love people recall poems on love, animals like love birds that depict love and the heartfelt emotions of love. They also showed us the true meaning of love by Quoting verses from the Bible. This was followed by a beautiful song, Heal the world. The Assembly was concluded by the principal Addressing the Gathering and giving a short note on how love is Sacrifice.



16<sup>th</sup> August 2016-

The Assembly was held on the topic of '**Freedom**' as it was close to Independence Day. It began with a short prayer. After that the Students gave a short note on Greed, Anger, Ego, Prejudice and intolerance. They explained to us that these are the actual thing one needs to attain freedom from as there are what is tying us down. The Assembly was concluded by a Thank you note from our Principal.



## **WORKSHOP BY WARWICK UNIVERSITY**

The Department of Mathematics organized a 4-day workshop on '*Game Theory*' from 29<sup>th</sup> February, 2017 – 3<sup>rd</sup> March, 2017 at Jesus and Mary College. Prof. Abhinav Muthoo- previously

Head of the Department of Economics, Warwick University, London held the educational session for the students having a background of Mathematics or Economics. The event was successful under the constant guidance of the Teacher in charge, Ms. Sunita Narain.

## **ACTUARIAL SCIENCE TALK**

The Department of Mathematics organised a talk on Actuarial Science on the 1<sup>st</sup> March, 2017. The speaker for the talk was Mr. Sujith Gopinathan. The talk was very informative and interactive. All the skills vital for this field were discussed during the talk. With the fast pacing world and people running out of choices of careers that are ideal for them, the knowledge of an upcoming field was of a lot of assistance to the students.

There was a long question hour session with a share of students clearing their queries about the field, its pros and cons. The talk was very helpful, particularly to those who were still irresolute in deciding their careers. Dr. Anu Saxena, Association in charge, guided and mentored the students to make this event successful.

## **DEBATE COMPETITION**

The Department of Mathematics organised an Inter-department debating competition on 5<sup>th</sup> April 2017.

The competition witnessed active participation from many departments of the college that include the Psychology, B.El.ed, Political Science, Economics and Maths Department itself. The event was judged by Mr. Jobin Thomas from the English department and Dr.Rekha Dayal from the B.Com Department.

The topic for the debate was "Textbooks have lost relevance with IT revolution." The topic was very well argued by both the teams. At the end of the event prizes were distributed for The Best team, The Best interjection, The best speaker for-against. The event was planned and coordinated by the association in charge Dr.Anu Saxena with whose help the event wouldn't be a success.