



ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University | Electronics City, Bengaluru - 100

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A FRANSALIAN INSTITUTE OF HIGHER LEARNING

REPORT OF CLASS ACTIVITY

Title	Mathematics class activity
Date of Event(s)	25/01/2021-28/01/2021
Department / Association	Science
Venue	Online platform
Number of Participants	32
Target Audience	Class students

Resource Person(s) with qualification	
Books (if published)	

Place of visit/ details of Industrial visit place (if applicable):	
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Objectives: The objectives are to encourage and enable students to:

- recognize that mathematics permeates the world around us
- appreciate the usefulness, power and beauty of mathematics
- enjoy mathematics and develop patience and persistence when solving problems
- understand and be able to use the language, symbols and notation of mathematics
- develop mathematical curiosity and use inductive and deductive reasoning when solving problems
- become confident in using mathematics to analyse and solve problems both in school and in real-life situations
- develop the knowledge, skills and attitudes necessary to pursue further studies in mathematics
- develop abstract, logical and critical thinking and the ability to reflect critically upon their work and the work of others
- develop a critical appreciation of the use of information and communication technology in mathematics
- appreciate the international dimension of mathematics and its multicultural and historical perspectives.

Math is very useful in everyday life. Math can help us do many things that are important in our everyday lives. Here are some daily tasks for which math is important:

- Managing money \$\$\$
- Balancing the checkbook
- Shopping for the best price
- Preparing food
- Figuring out distance, time and cost for travel
- Understanding loans for cars, trucks, homes, schooling or other purposes
- Understanding sports (being a player and team statistics)
- Playing music
- Baking
- Home decorating
- Sewing
- Gardening and landscaping

An activity on Mathematics under the topic real life application of mathematics by first year BSc (MEC & PCM) with the guidance and support of Prof. Rashmi.

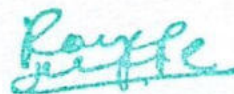
The activity comprised of 4 groups, in which each group gave their best explaining the application of mathematics in real life. There was a small skit video played too by a group regarding the topic given. Each and every student got a chance to present themselves with whatever they had prepared.

They got to learn a lot of information about mathematics which we were using in our daily life actually unknowing the fact that it is maths we were using to get things done easily. From grocery shop to building a skyscraper nothing is possible without maths is what they understood through this activity.

We had our department co-ordinator Prof. Nebula as a spectator too. She was so happy with the presentation skills of the students and gave some suggestions to improve the presentation.

Outcomes:

- Understand the foundations of mathematics
- Be able to perform basic computations in higher mathematics
- Be able to read and understand middle-level proofs
- Be able to write and understand basic proofs
- Develop and maintain problem-solving skills
- Use mathematical ideas to model real-world problems
- Be able to communicate mathematical ideas with others
- Have experience using technology to address mathematical ideas



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