

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY-18**PG AND RESEARCH DEPARTMENT OF MATHEMATICS****BOMAC CLUB ACTIVITIES 2025 – 2026**

S. No	TITLE OF THE PROGRAMME	DATE	VENUE	RESOURCE PERSON	NO.OF. BENIFICIARIES
1	AI Tools for Mathematical Modelling	25.07.2025	Dr. Mrs. Rameswari Nallusamy Hall	Dr. V. Veeramani, Assistant Professor, Mathematics and Computing Skills Unit, Preparatory Studies Centre, University of Technology and Applied Sciences, Salalah, Sultanate of Oman.	60
2	Mathematics and Statistics: The Backbone of Data Science	08.08.2025	KRT Hall	Dr. V. Saavithri Dean of Academic Affairs, Associate Professor and Head Department of Mathematics, Nehru Memorial College (Autonomous), Puthanampatti.	62
3	Sigaram Thodu	19.09.2025	KRT Hall	M. R. Meenakshi, (Alumnae Department of Mathematics B. Sc(2016 – 2019)), BT Assistant, Mahatma Global Gateway(CBSE), Veerapanjan, Madurai.	62
4	Public Service Career Development	25.09.2025	Dr. Mrs. Rameswari Nallusamy Hall	A. Kalaiselvan, District Employment Officer, Ariyalur.	62
5	One Day Workshop on “Fundamentals of R Programming”	29.01.2026	Ultra Tech Lab	Dr. M. Evangeline Jebaseeli, Assistant Professor, Bishop Heber College (Autonomous), Tiruchirappalli.	60
6	From Classroom to Corporate: Building a Career in Analytics	06.02.2026	Dr. Mrs. Rameswari Nallusamy Hall	Ms. A. Hamsa Sri, (Alumna Department of Mathematics B. Sc (2010 – 2013), Manager, Ernst & Young, Chennai.	61
7	Math Quiz	23.02.2026	D3	_____	58
8	Math Poster Presentation	14.03.2026	D3	_____	10



**CAUVERY COLLEGE FOR WOMEN
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Annamalai Nagar, Tiruchirappalli-620018

**PG AND RESEARCH DEPARTMENT OF
MATHEMATICS**

BOMAC CLUB
Organizes

Skill Enhancement Programme

On

AI TOOLS FOR MATHEMATICAL MODELLING

RESOURCE PERSON



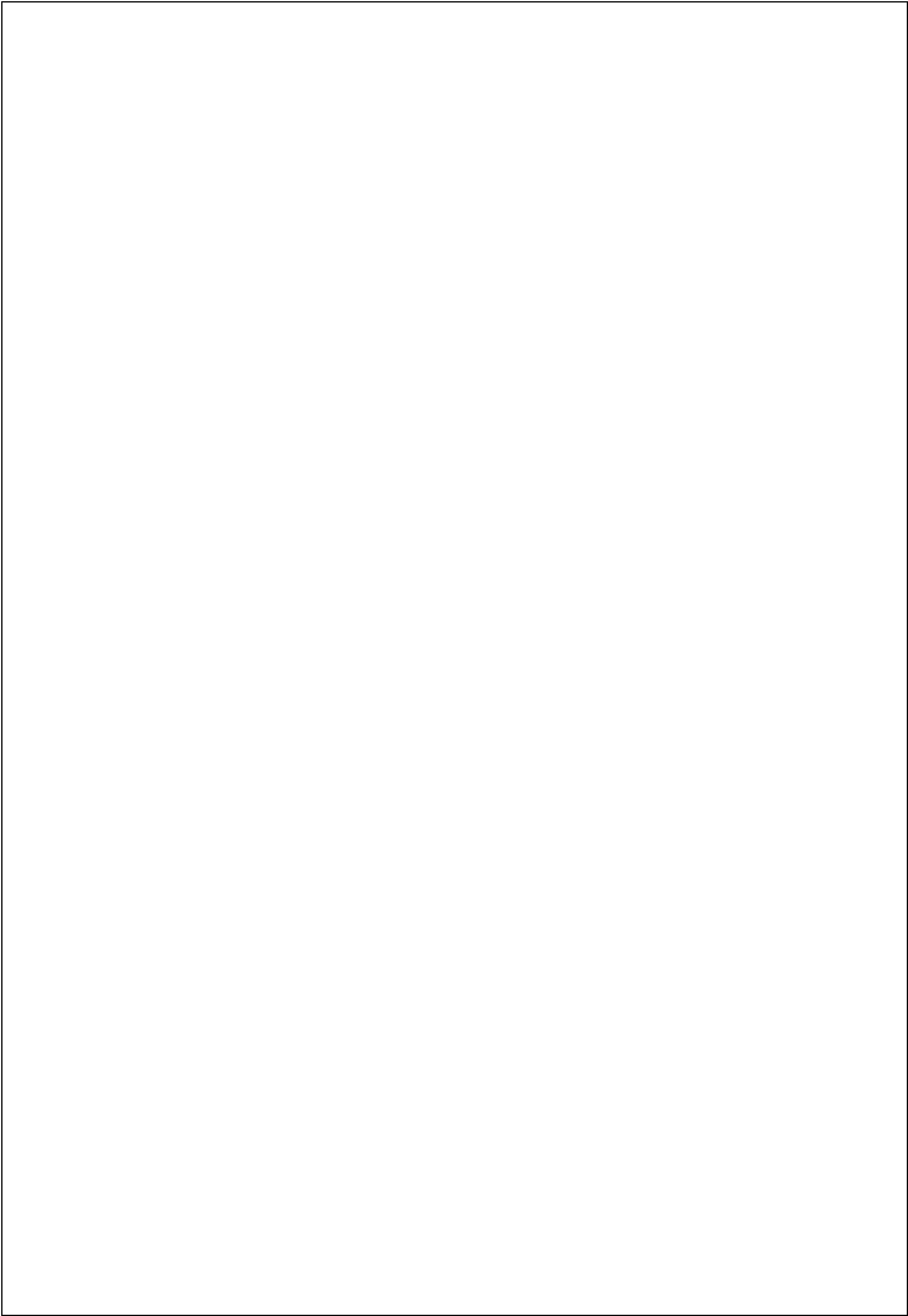
Dr.V.Veeramani

ASSISTANT PROFESSOR,
MATHEMATICS AND COMPUTING SKILLS UNIT,
PREPARATORY STUDIES CENTRE,
UNIVERSITY OF TECHNOLOGY AND APPLIED
SCIENCES,
SALALAH, SULTANATE OF OMAN

Venue: Dr. Mrs. Rameswari Nallusamy Hall

DATE: 25.07.2025 TIME: 1:30PM-2:30PM

All are cordially invited.



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

ACTIVITY REPORT

TITLE : AI Tools for Mathematical Modelling

RESOURCE PERSON : Dr. V. Veeramani,
Assistant Professor, Mathematics and
Computing Skills Unit,
Preparatory Studies Centre,
University of Technology and Applied Sciences,
Salalah, Sultanate of Oman.

DATE AND TIME : 25.07.2025 (1.30 pm to 2.30 pm)

VENUE : Dr. Mrs. Rameswari Nallusamy Hall

BENEFICIARIES : 61

OUTCOME OF THE EVENT

Our Resource Person discussed how Artificial Intelligence is applied in mathematics. We learned about the basic concepts of Artificial Intelligence, Machine Learning and Deep Learning. We also explored how Mathematics is applied in Linear Algebra, Calculus, Statistics and Graph Theory. This helped us to understand supervised and unsupervised Learning, as well as some common algorithms. The session is very useful and interesting.



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PG AND RESEARCH DEPARTMENT OF MATHEMATICS **BOMAC CLUB**

Organizes

Capacity Development Programme

on

Mathematics and Statistics: The Backbone of Data
Science

RESOURCE PERSON

Dr.V. Saavithri



Dean of Academic Affairs,
Associate professor & Head
Department of Mathematics,
Nehru Memorial College,
(Autonomous), Puthunampatti.

Venue: KRT Hall

DATE : 08.08.2025

TIME: 1:45 PM - 2:45 PM

All are cordially invited

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

ACTIVITY REPORT

TITLE : Mathematics and Statistics: The Backbone of Data Science

RESOURCE PERSON : Dr. V. Saavithri,
Dean of Academic Affairs, Associate Professor & Head
Department of Mathematics, Nehru Memorial College
(Autonomous), Puthunampatti.

DATE AND TIME : 08.08.2025 (1.45 pm to 2.45 pm)

VENUE : KRT Hall

BENEFICIARIES : 62

OUTCOME OF THE EVENT

The main objective of this programme was to enhance students understanding of the importance of mathematics and statistics in the rapidly growing field of data science. It aimed to build analytical thinking, problem – solving skills and awareness about real – world applications of mathematical concepts. Our Resource person explained various concepts in a simple and understandable manner, making it easier for students to relate theory with practical applications. She also emphasized the growing career opportunities in data science and encouraged students to strengthen their mathematical skills to succeed in this field. Real life examples and case studies were shared to illustrate the importance of data – driven decision making in industries. The session was interactive with students to develop logical reasoning and critical thinking abilities, which are essential for academic and professional growth.


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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

In Collaboration with
Cauvery College Alumnae Association
Organizes
**SKILL ENHANCEMENT PROGRAMME
ON
SIGARAM THODU**

RESOURCE PERSON



M.R. MEENAKSHI
Alumnae Department of
Mathematics
B.Sc (2016-2019)
BT Assistant,
Mahatma Global Gateway(CBSE),
Veerapanjan,
Madurai.

Venue: KRT HALL

Date: 19.09.2025

Time: 10:30Am-11:30Am

All are cordially invited

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

ACTIVITY REPORT

TITLE : Sigaram Thodu

RESOURCE PERSON : M. R. Meenakshi
Alumnae Department of Mathematics,
B. Sc (2016 – 2019)
BT Assistant,
Mahatma Global Gateway (CBSE),
Veerapanjan, Madurai.

DATE AND TIME : 19.09.2025 (10:30 Am to 11:30 Am)

VENUE : KRT Hall

BENEFICIARIES : 54

OUTCOME OF THE EVENT

Ms. Meenakshi motivated the students to set clear goals and work persistently towards achieving success. She emphasized the importance of self – confidence, effective communication skills, time management, and continuous learning in personal and professional growth. Through real – life examples and interactive discussions, she encouraged students to overcome challenges and strive for excellence. The programme was highly informative and inspiring. The participants actively engaged in the session and gained valuable insights into career development and personality enhancement.


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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAG CLUB

Organizes

CAREER GUIDANCE PROGRAMME

On

**PUBLIC SERVICE CAREER DEVELOPMENT
RESOURCE PERSON**



**A KALAISELVAN,
District Employment Officer,
Ariyalur.**

VENUE: Dr. Mrs. Rameswari Nallusamy Hall

Date: 25.09.2025

Time: 10:30 am-11:30 am

All are cordially invited



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
BOMAC CLUB

ACTIVITY REPORT

TITLE : Public Service Career Development
RESOURCE PERSON : Dr. A. Kalaiselvan,
District Employment Officer,
Ariyalur.
DATE AND TIME : 25.09.2025 (10:30 Am to 11:30 Am)
VENUE : Dr. Mrs. Rameswari Nallusamy Hall
BENEFICIARIES : 55
OUTCOME OF THE EVENT

Our Resource person explained the importance of proper career planning, goal setting and systematic preparation for government examinations. He provided detailed information about employment opportunities available through TNPSC, UPSC, SSC, Banking, Railway and other public sector organizations. He also emphasized the significance of developing communication skills, aptitude, general awareness and time management or achieving success in competitive examinations. The session was highly interactive and informative. Students actively participated by raising questions regarding eligibility criteria, preparation strategies and career prospects in public services. The resource person clarified their doubts and motivated them to pursue their career goals with confidence and determination.


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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

Bomac Club

Organizes

ONE DAY WORKSHOP
ON

FUNDAMENTALS OF R PROGRAMMING

RESOURCE PERSON



Dr. M. Evangeline Jebaseeli
Assistant Professor,
Bishop Heber College,
(Autonomous)
Tiruchirappalli.

VENUE : ULTRA TECH LAB

DATE : 29.01.2026

TIME : 9:30am - 3:00pm

All are Cordially invited



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
BOMAC CLUB

ACTIVITY REPORT

TITLE : One Day Workshop on “Fundamentals of R Programming”
RESOURCE PERSON : Dr. M. Evangeline Jebaseeli,
Assistant Professor,
Department of Mathematics, Bishop Heber College
(Autonomous), Tiruchirappalli.
DATE AND TIME : 29.01.2026 (9.30 AM to 3.00 PM)
VENUE : ULTRA TECH LAB
BENEFICIARIES : 59
OUTCOME OF THE EVENT

The resource person explained the basic concepts of R Programming, including its importance in data analysis and statistical computing. The session was very informative and interactive. Participants gained knowledge about the fundamentals of R Programming and its applications in Mathematics and Research. The workshop helped students improve their practical understanding of programming and data analysis. Students actively participated and benefited from the workshop.

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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

In collaboration with
Cauvery College Alumnae Association
Organises

CAREER GUIDANCE PROGRAMME:

*"From Classroom to
Corporate:
Building a Career in
Analytics"*



Ms. Hamsa Sri A

Alumna - Department of Mathematics
B.Sc. (2010-2013)

Manager, Ernst & Young (EY)
(Big Four Global Professional Services Firm)
Chennai



Date: 06 February 2026



Time: 09:30 AM - 11:00 AM



Venue: Dr. Mrs. Rameswari Nallusamy Hall

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
BOMAC CLUB

ACTIVITY REPORT

TITLE : From Classroom to Corporate: Building a career in Analytics

RESOURCE PERSON : Ms. A. Hamsa Sri
Alumna Department of Mathematics,
Manager, Ernst & Young (EY),
(Big Four Global Professional Services Firm),
Chennai.

DATE AND TIME : 06.02.2026 (9.30 AM to 11.00 AM)

VENUE : Dr. Mrs. Rameswari Nallusamy Hall

BENEFICIARIES : 58

OUTCOME OF THE EVENT

The resource person for the programme was an alumna of the Department of Mathematics. She is currently working as a Manager at Ernst & Young, Chennai, which is one of the Big Four global professional service firms. During the session, the speaker shared her experiences about moving from academic life to corporate world. She explained the importance of analytics, data skills, problem – solving abilities and continuous learning for building a successful career in the corporate sector. She also guided students about the various opportunities available in analytics and how mathematics students can prepare themselves for corporate jobs. The programme was very informative and inspiring for the students. It helped them understand the skills required for the corporate world and motivated them to plan their careers effectively. The session concluded with an interactive discussion where students asked questions and clarified their doubts regarding career opportunities in analytics.


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Cauvery College for Women (Autonomous)

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Annamalai nagar, Tiruchirappalli-620018**

PG and Research Department of Mathematics

Bomac club

Organizes

Math Quiz

(In view of National Science Day Celebrations)



Date: 23.02.2026

Time : 10:00 AM

Venue: D3



All are cordially invited



CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
BOMAC CLUB

ACTIVITY REPORT

TITLE : Math Quiz
DATE AND TIME : 23.02.2026 (10.00 AM to 11.00 AM)
VENUE : D3
BENEFICIARIES : 58

OUTCOME OF THE EVENT

The PG and Research Department of Mathematics organized a Math Quiz through the BOMAC Club in connection with the National Science Day Celebrations. The main objective of the Quiz was to enhance students Mathematical Knowledge, analytical thinking and problem – solving abilities. The program aimed to create interest in Mathematics and encourage students to apply mathematical concepts creatively. Students from various classes actively participated in the competition. The program was successfully conducted with the support of the Department of Mathematics. The event provided an excellent platform for students to test their knowledge, improve their confidence and develop teamwork skills. All the final year science students are beneficiaries.



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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

Organizes

Math Poster Presentation
INTERNATIONAL MATHEMATICS DAY

(PI DAY)



Date: 14.03.2026

Time: 10:00Am-11:00Am

Venue: D3

All are cordially invited

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

BOMAC CLUB

ACTIVITY REPORT

TITLE : Math Poster Presentation
DATE AND TIME : 14.03.2026 (10.00 AM to 11.00 AM)
VENUE : D3
BENEFICIARIES : 11

OUTCOME OF THE EVENT

The PG and Research Department of Mathematics organized a Math Poster Presentation through the BOMAC Club in celebration of International Mathematics Day, popularly known as Pi day. The objective of this program was to create awareness about the importance of Mathematics and to encourage students to develop creativity and analytical thinking through poster presentations. Mathematics plays a vital role in Science, Engineering, Technology and daily life. Celebrating Pi day helps students appreciate the beauty and significance of Mathematical concepts. The event began with a brief introduction about Pi day and its importance. Students were informed that Pi is a mathematical constant approximately equal to 3.14, which represents the ratio of a circle's circumference to its diameter. This special day is celebrated world wide on March 14 because the date (3/14) resembles the value of Pi. Many students actively participated in the poster presentation and presented creative posters explaining various mathematical topics such as the concepts of Pi, applications of Mathematics in real life, mathematical puzzles, formulas and famous mathematicians. The posters were colourful, informative and demonstrated the participants' understanding of the mathematical ideas. Each participant explained their poster clearly, which helped improve their communication and presentation skills.



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