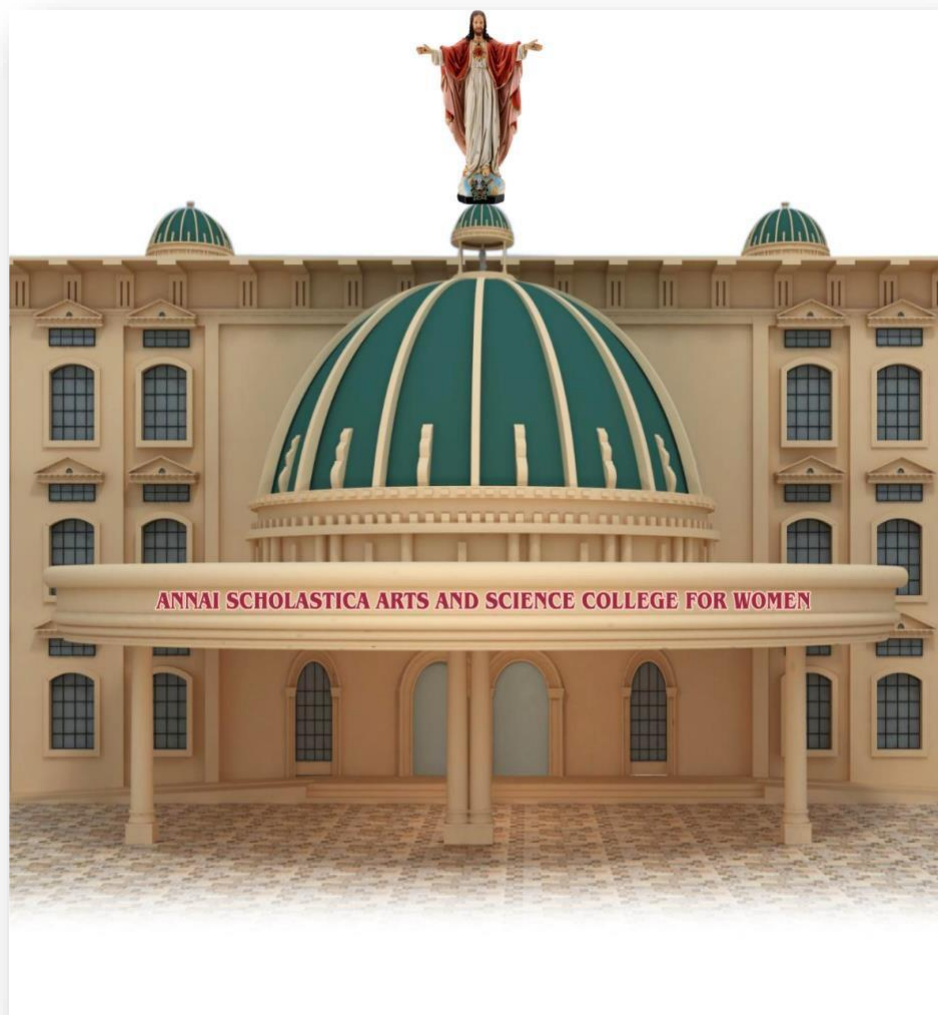




ANNAI SCHOLASTICA ARTS AND SCIENCE **COLLEGE FOR WOMEN, PAMBAN**

DEPARTMENT OF MATHEMATICS



MATH π RATES

NEWS LETTER 2022-23

EDITORIAL...

The importance of education in life is that it helps everyone develop a good perspective of looking at the world and our society. Education helps us in getting new ideas and exploring new ideas. The real education is that which prepares you for the life. It makes you learn, cultivate and develop the healthy values of life. The education must make make you competent enough to cross the obstacles, hardships and hurdles of life.

“Education is not just about going to school and getting a degree. It’s about widening our knowledge and absorbing the truth about life.” – Shakuntala Devi

With regards

Ms. A. Maria Ancy

HOD’S Message:

Welcome to the Department of Mathematics. If you are prospective students expecting your field of study in science and its Applications in real life, this is the right place. Department of Mathematics focuses on interdisciplinary applications of Mathematics in various disciplines. A foundation of this subject is taught in all undergraduates programs in Engineering and Science.

A good knowledge in both Mathematics and Computer, and able to use these knowledge in solving real life problems is a current global increasing demands.

Major objective of the department is in capacity building of undergraduate and graduates on interdisciplinary applications of theoretical knowledge, and enhancing the research activities.

Mrs. I. Riyath Nisha,
Head of the Department

DEPARTMENT ACTIVITIES – AT A GLANCE

SCIENCE EXHIBITION



A science exhibition is an opportunity for students to apply the scientific method to conduct an independent analysis.



Our College conducted the Exhibition on October 14th 2022, for the school students. Our department students had done all preparation the Exhibition. Totally five schools had for visited. Our students explained Mathematical concepts for school students, according to their models.

Students enjoyed learning through such exhibitions as they put effort and made models with their own hands. When they give presentations in exhibitions, they become more familiar with public speaking and this removes their stage fear and imparts self - confidence .

CONNECTION



Our Department conducted competition named as “Connection“ on 20.10.2022 . It was held in our Department using projector. There were four different rounds based on Mathematical Concepts. Students enjoyed thoroughly with the rounds.

ADVANTAGES OF CONNECTION:

- ❖ Provide Fun & Entertainment
- ❖ Improves Basic Counting & Mathematics Skills .
- ❖ Strengthens upper extremities.
- ❖ Boosts strategic thinking capabilities.
- ❖ Improves cognitive skills
- ❖ Develops confidence.
- ❖ Teaches competitiveness and how to handle associated feelings/emotions
- ❖ Creates a quick-thinking mindset.



Department of Mathematics conducted the competition “Mathematical Connection” on 19.01.2023 for our department students. It was held in our department.

MATH RANGOLI



- Department of Mathematics conducted the competition Mathematics Rangoli on 22.09.2022. It was held on our department in HOD's presence. There were four groups of Mathematics students.
- We were invited the Judges from different departments. Students involved actively, and explained the rangoli using Mathematics concept. The Judges selected the winners.

- Women use their bare fingers or a homemade brush to create various designs froms and stone powder or grain flour. Sometimes colors and petals are used in addition to flour paste.

- Rangoli can help toddlers enhance their fine motor skills. This can also aid children in writing skills. Finger dexterity— The design patterns of rangoli requires children to use two or more fingers. This helps to enhance their finger dexterity

DEPARTMENT TASK



- The pools of energy created by specific patterns of rangoli motivate and channelize positive energy in Student.
- Rangoli creates positive environment vibes.

POSTER PRESENTATION

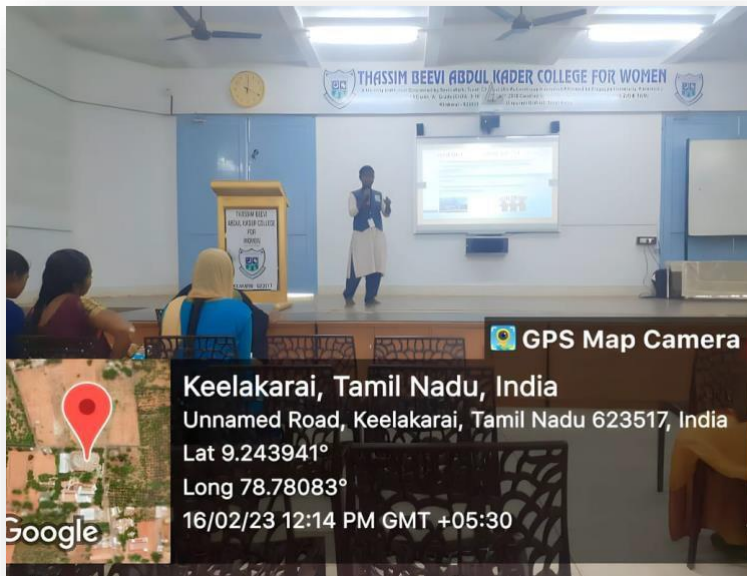


A Poster Presentation is a formal, Research - based presentation of our work. A Poster Presentation provides a visual representation of our research through text, charts, graphs, and other visual aids.



We conducted the Poster Presentation Competition to our students. Six students of our department participated. We invited the judges from Department of Chemistry and Computer Science.

INTERCOLLEGIATE COMPETITION



Our Department students participated in the Intercollegiate Competition in Thaasim Beevi Abdul Kadar Arts & Science college for Women in Keelakarai on 16.02.2023. 6 students participated in “As You like it” competition and they secured first Prize. Two students participated in Poster Presentation and they got 2nd prize . Our student participated in various competitions like Rangoli, Quiz, Paper Presentation and they got Participation Certificate.



SEMINAR



Seminar course is often led by experts who have years of experience in their field, so the information they provide is up-to-date and useful. State Level Seminar on Recent Trends in Pure and Applied Mathematics held at Mohamed Sathak Hamid College of Arts and Science for Women in Ramnad on 04.03.2023. Students of our Department

INTERNATIONAL π DAY

Pi Day is an annual celebration of the mathematical constant π (pi). Pi Day is Observed on March 14 (the 3rd month) since 3, 1, and 4 are the first three significant figures of π . It was founded in 1988 by Larry Shaw.

- The constant π helps us understand our universe with greater clarity
- Pi is used in most calculations for building and construction, quantum physics, communications, music theory, medical procedures, air travel, and space flight.

We celebrated International π day on March 3rd 2023 as a department Activity. On that day we conducted various competitions such as poster presentation, quiz.



PI VALUE

$$\pi = \frac{22}{7}$$

= 3.141592653589793238462643383279
502884197169399375105820974944
592307816406286208998628034825
342117067982148086513282306647
093844609550582231725359408128
481117450284102701938521105559.....
.....644622948954930381964428810975

DEPARTMENT CELEBRATIONS

CHRISTMAS DAY:



- The day **commemorates the birth of Jesus Christ** and is celebrated as a religious and commercial holiday. It is one of the most sacred days in Christianity and is spent singing carols, eating delicious food, exchanging gifts, visiting friends, spending time with family, and so much more.
- **The birth of Jesus Christ** marks the utmost importance for Christmas as they believed that God had sent his son on earth as a sacrifice to redeem the people of the world from their sins.

- Christmas Celebration was organized on 22nd December 2022 in our college campus.
- Each department prepared individual crib.
- Our Department students got first prize in Crib Making.



PONGAL CELEBRATION



- The festival is named after the ceremonial "Pongal", which means "to boil, overflow" and refers to the traditional dish prepared from the new harvest of rice boiled in milk with jaggery (raw sugar).
- It is basically a harvesting festival or it can be considered as the 'thanksgiving' festival' because this festival is celebrated to thank the Sun God and Lord Indra for helping farmers in getting better - yielding crops. During the festival, people reject old belongings and welcome new stuff.
- Pongal signals new beginnings. It's a new dawn of opportunities. Tradition has it that, it is the period the gods are awake and hence, there are positive vibrations and energetic activities everywhere.
- On January 12 we celebrated Pongal in our college campus with smiling. The students of Department of Mathematics prepared department Pongal.

NATIONAL SCIENCE DAY:

- On behalf of **National Science Day– February 28**, Department of Science conducted the various competition to all the students. And we invited the Chief Guest Dr. Dinesh Kumar, The Scientist, CSRI CSMCRI – MARINE ALGAL RESEARCH STATION Mandapam.
- Students are participated the following competitions Fancy Dress, Poster Presentation.
- Our Department students got First prizes in Fancy Dress, Poster Presentation.



WOMEN'S DAY:

On March 8th 2023, we celebrated the International Women's Day. On that day different competitions were held in our college such as Song, Elocution, Quiz, Debate, Group dance. Our department student secure first prize in Song. And our department student Ilackiya participated in the Debate on the Topic "Reason for Sexual Abuse, Me or Women?"

