

DEPARTMENT OF MATHEMATICS
ST. STEPHEN'S COLLEGE, PATHANAPURAM

Annual Report 2023-24

PI-APPROXIMATION DAY CELEBRATION

INS π RE -2023

The Post Graduate Department of Mathematics has celebrated the Pi-Approximation Day (*INS π RE -2023*) on 31st July 2023 at 11:00 am at the Computer Lab. The program started with a silent prayer. Mr. Abraham Sam Varghese, Department in charge, has inaugurated the program and shared the importance of the number pi in the mathematical world. A mini exhibition was conducted with charts including Geometric patterns, importance of pi, Magic squares, models of Konigsberg bridge problem, Archimedian method of getting pi, Hundred year calendar, Multiplication table and Variety of angles. Presentation on history, importance and applications of pi, Golden ratio & Konigsberg bridge problem by PG and UG students have been conducted. Mr. Roy John delivered the Principal's remarks about the program. A Pi day quiz has been conducted for the students by the Cnvenor, Mr. Rogin Alex George. Dr. Sinu Lal T.S. , Mr. Varghese George, Ms. Jossy J Panikar and Ms. Haleema Nizar delivered felicitations to the program and coordinated the activities. The Convenor expressed the vote of thanks.

ST. STEPHEN'S COLLEGE
PATHANAPURAM
Department of Mathematics
INS π RE -2k23
Pi Approximation Day
Celebration

Date : 31 July 2023
Time : 11:00 am
Venue : Computer Lab

- Talk about π
- Presentations
- Math Charts
- Discussions
- Math Quiz
- Magic Squares

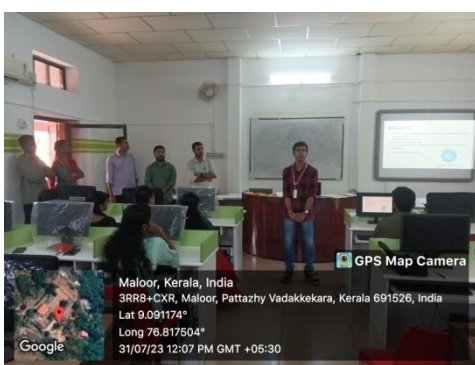
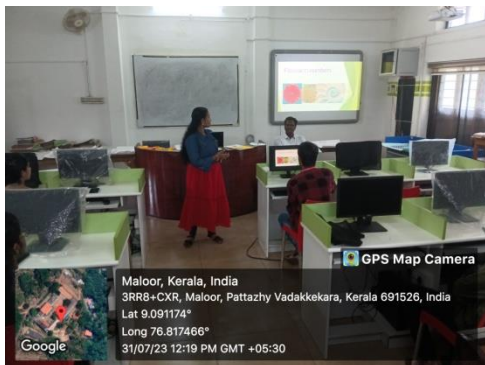
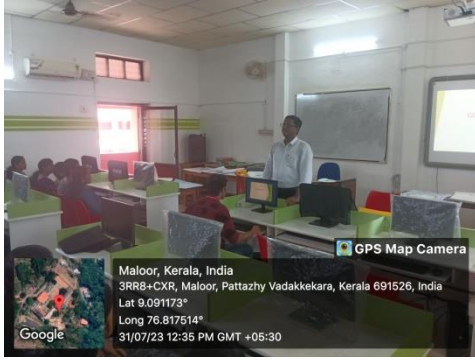
MR. ROY JOHN
PRINCIPAL

MR. ABRAHAM SAM VARGHESE
DEPARTMENT IN CHARGE

ROGIN ALEX GEORGE
CONVENOR

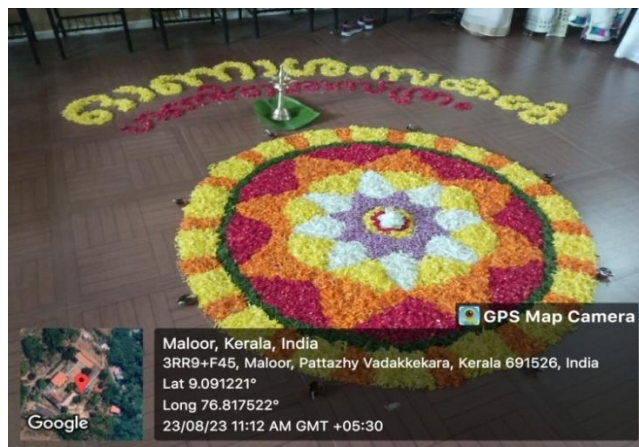
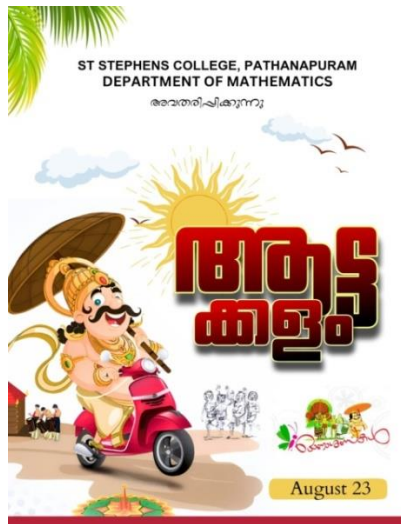
The poster features a chalkboard with the pi symbol and its decimal expansion: 3.14159265358979323846264338327950288419716939937510582097494459230781640628620899862803482534211706798214808651328230664709384460955052205973146782551418219880082424468568164384...





ONAM CELEBRATION- 2023-24

The Post Graduate Department of Mathematics has celebrated the Onam on 23/08/2023. Athappookkalam was prepared by the students in Room No.64 from 9:30 am to 11:15 am. After that the judges has evaluated the pookkalam. Group photos has been taken. After that, Onam feast has been arranged in the department. Various competitions and cultural programs were conducted after the feast. The occasion was enriched by the corporation of all students and faculty members of the department.



MATHEMATICS ASSOCIATION & MEET THE SCHOLAR INAUGURATION

The Post graduate Department of Mathematics has conducted the **Mathematics Association (ARYABHATTA) Inauguration** on 30th October 2023, Monday at 10:30 am at Very Rev. Aprem Remban Seminar Hall. The **Meet the Scholar** Inauguration has also done in that occasion. The meeting started with Prayer song by the students. Mr. Rogin Alex George, Association-in-charge, delivered the welcome address. Mr. Abraham Sam Varghese, Department-in-charge delivered the presidential address. Mr. Roy John, Principal delivered the inaugural address. Mr. Abhijith Ajayakumar, Senior Research Fellow (CSIR), IIST, Thiruvananthapuram gave felicitation. Mr. Sandhu John Sajan, IQAC Co-ordinator, Mr. Varghese George, Assistant Professor in Statistics and Dr. Sinu Lal T.S., Assistant Professor in Mathematics also Gave felicitation. Kum. Parvathy M.R., Association Secretary delivered the vote of thanks.


At 11:30 am, Mr. Abhijith Ajayakumar delivered a lecture on different Mathematics tests and centres in India, Linear Algebra and Control Theory. This Meet the Scholar Lecture was very interesting and helpful to students.

After the Lunch, The **Fresher's Day programme** for the first year students was conducted in Computer Lab at 2:00 pm. Students had conducted different programs.

ST. STEPHEN'S COLLEGE, PATHANAPURAM
POST GRADUATE DEPARTMENT OF
MATHEMATICS
(In association with IQAC)

ARYABHATTA
MATHEMATICS ASSOCIATION
& MEET THE SCHOLAR
INAUGURATION

Chief Guest

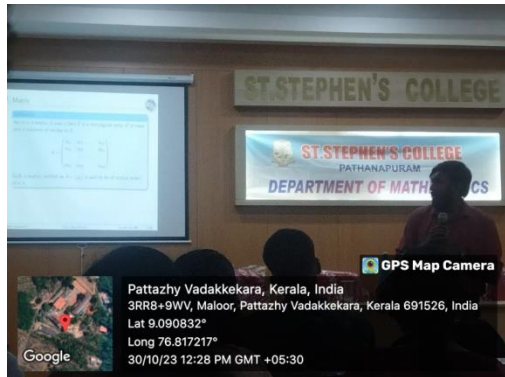
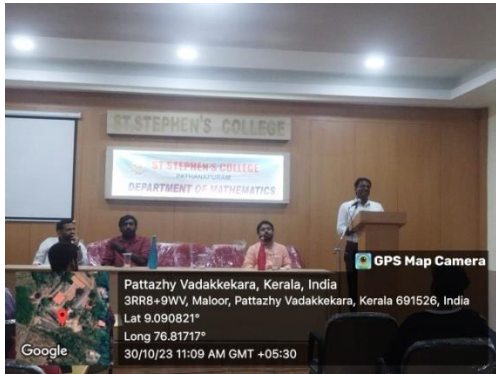
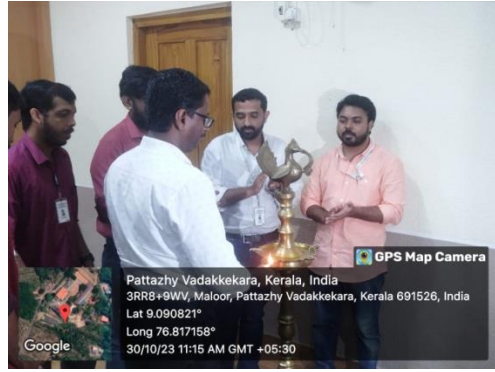
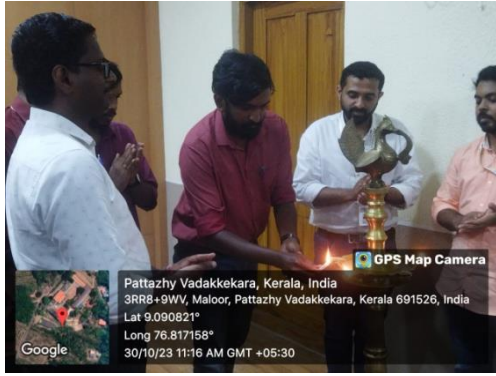


Date : 30 October 2023
Time : 10:30 am
Venue : Aprem Remban
Seminar Hall

Mr. Abhijith Ajayakumar,
Senior Research Fellow (CSIR),
IIST, Thiruvananthapuram

Mr. Roy John Principal	Mr. Abraham Sam Varghese Department in charge	Mr. Rogin Alex George Association in charge
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Committee Members
Dr. Sinu Lal T. S., Mr. Varghese George, Ms. Jossy J. Panicker,
Ms. Jincy Varghese, Ms. Resmi B., Ms. Haleema Nizar



CHRISTMAS CELEBRATION- 2023

Department of Mathematics has celebrated Christmas on 22/12/2023 at 10.00 am at room no.64. The same day is National Mathematics Day .The function was inaugurated by Mr.Abraham Sam Varghese , Department in charge.Mr. Varghese Georeg, Assistant Professor in Statistics has presided the meeting. Mr. Liju T. Varghese, Assistant Professor in Malayalam has delivered the Christmas message. All the faculty members and students were present. Christmas cake has distributed among all. Different competitions and cultural programs were conducted as a part of Christmas celebration.



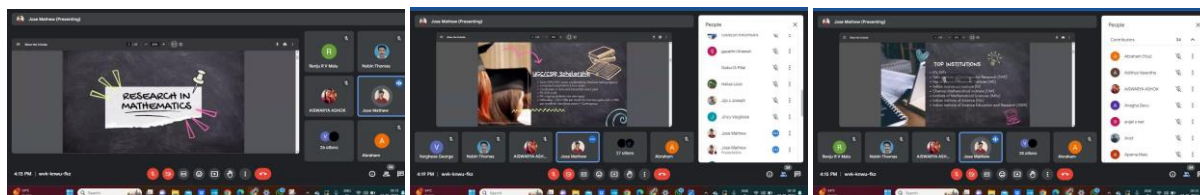


MEET THE SCHOLAR - LECTURE SERIES

The Post Graduate Department of Mathematics, St.Stephen's College, Pathanapuram, in association with IQAC, conducted Meet the Scholar Programme on 13th January 2024. Mr. Jose Mathew, Assistant Professor, Department of Mathematics, Deva Matha College Kuravilangad and Research Scholar, NIT Calicut, delivered lecture on the topic "Research in Mathematics" through the Google meet platform.

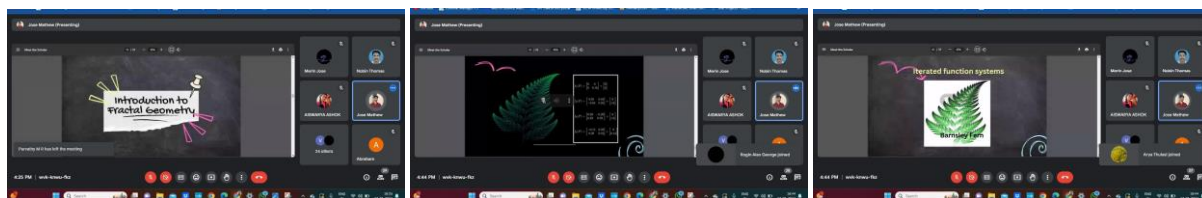


Mr. Jose Mathew shed light on the landscape of PhD funding and top institutions in India. Delving into the opportunities available for aspiring doctoral candidates, the scholar highlighted the diverse funding avenues, including government grants, scholarships, and industry collaborations. The audience gained insights into the prestigious institutions fostering cutting-edge research, contributing significantly to India's academic prowess. The discussion encompassed the importance of selecting the right institution aligned with one's research interests and the role these institutions play in fostering an environment conducive to groundbreaking research.



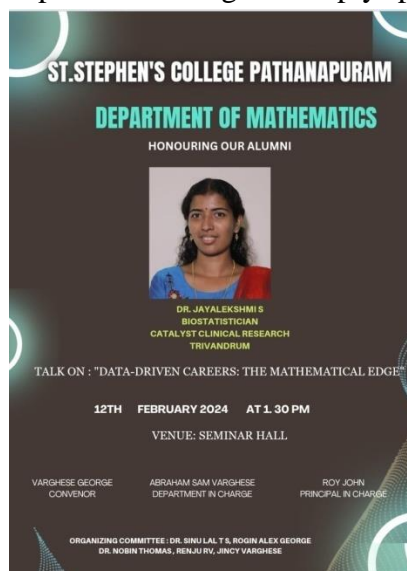
During the captivating talk delivered by the research scholar, the audience was introduced to the fascinating realm of fractals, a concept that transcends traditional geometric shapes and explores intricate patterns within complex structures. The scholar illuminated the audience on the self-similar nature of fractals, emphasizing their repetitive patterns at different scales. The talk not only demystified the mathematical intricacies behind fractals but also underscored their relevance across various disciplines, from art to science.

The talk ends with a fruitful discussion.

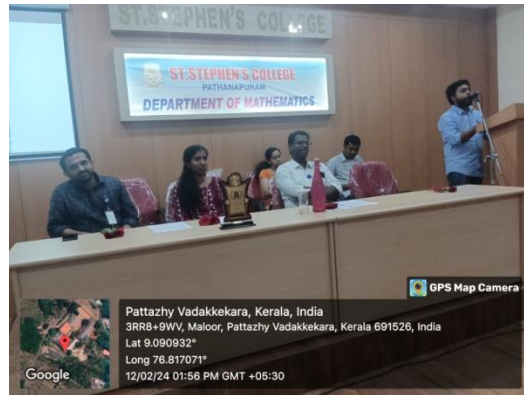
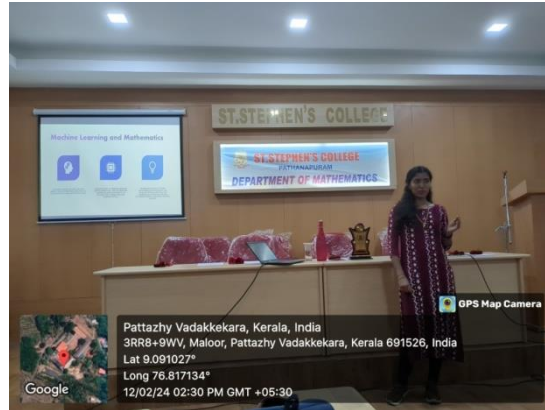


CAREER ENRICHMENT PROGRAMME

Post Graduate Department of Mathematics organized a program to congratulate our alumni Dr. Jayalekshmi S for achieving her Ph.D in Statistics from CUSAT on **12/02/2024**. She was 2012-2015 B. Sc Mathematics student in this department. She is currently working as Biostatistician, Catalyst Clinical Research, Trivandrum. Mr. Abraham Sam Varghese, Head in charge, Department of Mathematics Presided over the congratulation ceremony. Mr. Varghese George, Assistant Professor of Statistics delivered the welcome speech. The meeting was inaugurated by Mr. Roy John, Principal of the college. Mr. Sandhu John Sajan, IQAC coordinator, and Ms. Suchithra S, Assistant Professor of Physics gave the felicitations. The Principal congratulated Dr. Jayalekshmi S by handing over a memento. In this meeting, Dr. Jayalekshmi S shared her experiences and gave a reply speech.



A talk on “**DATA- DRIVEN CAREERS: THE MATHEMATICAL EDGE**” by Dr. Jayalekshmi S was organized after the congratulatory meeting. She interacted with the students about the careers and skills needed for the current scenario of job opportunities. The students actively participated in this session. Ms. Arya Thulasi gave feedback about the talk. Mr. Rogin Alex George, Assistant Professor of Mathematics expressed the vote of thanks. All students and teachers of the Department of Mathematics participated in this program



FOOD FEST 2024 – ERIVUM PULIYUM KISMATH 2.0



St. Stephen's College, Pathanapuram conducted a Food fest- "Erivum Puliyum" on 13/02/2024. As the part of the programme, the Department of Mathematics introduced a food stall named- "Kismath-2.0". All the students and teachers are participated and co-operated for the success of the programme. The items are prepared from the home of the participants. Ms. Renju R. V. was the stall manager.





