



**POST GRADUATE AND RESEARCH
DEPARTMENT OF MATHEMATICS
ST. PAUL'S COLLEGE, KALAMASSERY**

ANNUAL REPORT 2025-26



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ADMA-ICDM 2025 PRE- CONFERENCE WORKSHOP ON NETWORK ANALYSIS, 5-6 JUNE 2025.

THE POSTGRADUATE AND RESEARCH DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, HOSTED THE TWO-DAY ADMA-ICDM 2025 PRE-CONFERENCE WORKSHOP ON NETWORK ANALYSIS IN ASSOCIATION WITH ADMA ON 5-6 JUNE 2025. THE WORKSHOP WAS INAUGURATED BY PROF. AMBAT VIJAYAKUMAR, EMERITUS PROFESSOR, COCHIN UNIVERSITY AND PRESIDENT OF ADMA. THE PROGRAMME FEATURED A SERIES OF EXPERT LECTURES ON CONTEMPORARY TOPICS INCLUDING SIGNED GRAPHS AND SOCIAL NETWORKS, RECURRENCE ANALYSIS OF TIME SERIES, NETWORK SECURITY, BRAIN NETWORKS, NETWORK ANALYSIS USING NETWORKX, AND GRAPH ANALYTICS FOR SOCIAL NETWORK ANALYSIS. THE WORKSHOP ATTRACTED AROUND 75 PARTICIPANTS FROM VARIOUS INSTITUTIONS ACROSS THE COUNTRY, INCLUDING IIT BHUBANESWAR, JAWAHARLAL NEHRU UNIVERSITY, IIIT KOTTAYAM, CHRIST (DEEMED TO BE UNIVERSITY), AND AMRITA VISHWA VIDYAPEETHAM. PARTICIPANTS HIGHLY APPRECIATED THE QUALITY AND RELEVANCE OF THE SESSIONS, MAKING THE PROGRAMME A VALUABLE ACADEMIC EXPERIENCE. THE WORKSHOP CONCLUDED WITH A VALEDICTORY FUNCTION.



STATISTICS DAY CELEBRATION

IN COMMEMORATION OF THE BIRTH ANNIVERSARY OF PRASANTA CHANDRA MAHALANOBIS (JULY 29), WIDELY REGARDED AS THE FATHER OF INDIAN STATISTICS, THE MATHEMATICS CLUB ORGANIZED AN INTERDEPARTMENTAL STATISTICS QUIZ COMPETITION, “STATISTA-25,” ON 3 JULY 2025. THE EVENT AIMED TO PROMOTE INTEREST IN STATISTICS AND ENHANCE ANALYTICAL THINKING AMONG STUDENTS. MS. FATHIMA N. M., A THIRD-YEAR B.SC. MATHEMATICS STUDENT, SERVED AS THE STUDENT COORDINATOR FOR THE PROGRAMME.

THE COMPETITION WITNESSED ENTHUSIASTIC PARTICIPATION FROM STUDENTS BOTH WITHIN AND OUTSIDE THE DEPARTMENT, MAKING IT A VIBRANT AND ENGAGING EVENT. AFTER A CLOSELY CONTESTED QUIZ, MS. HIBA NAJEEB OF III B.SC. MATHEMATICS SECURED THE FIRST PRIZE, WHILE MS. MALAVIKA S. OF II BBA WON THE SECOND PRIZE. THE PROGRAMME WAS A GRAND SUCCESS AND PROVIDED AN EXCELLENT PLATFORM FOR STUDENTS TO SHOWCASE THEIR KNOWLEDGE AND APTITUDE IN STATISTICS.



OUTREACH ACTIVITY: STUDY MATERIAL DISTRIBUTION

THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, ORGANIZED ITS FIRST OUTREACH ACTIVITY FOR THE ACADEMIC YEAR 2025-26 ON 11 JULY 2025 WITH THE AIM OF SUPPORTING UNDERPRIVILEGED STUDENTS IN NEARBY COMMUNITIES BY PROVIDING ESSENTIAL STUDY MATERIALS. THE STUDENTS OF THE DEPARTMENT ACTIVELY PARTICIPATED IN THE PROGRAMME BY CONTRIBUTING NOTEBOOKS, PENS, AND OTHER LEARNING RESOURCES. DR. NISHA V. M., HEAD OF THE DEPARTMENT AND SOCIAL OUTREACH COORDINATOR, ALONG WITH SIX FINAL-YEAR MATHEMATICS STUDENTS, VISITED NEIGHBOURING COMMUNITIES AND DISTRIBUTED THE COLLECTED MATERIALS TO DESERVING STUDENTS. THE INITIATIVE WAS HIGHLY SUCCESSFUL AND SERVED AS A MEANINGFUL STEP TOWARDS PROMOTING EDUCATIONAL SUPPORT, SOCIAL RESPONSIBILITY, AND COMMUNITY ENGAGEMENT, REFLECTING THE DEPARTMENT'S COMMITMENT TO FOSTERING COMPASSION AND SERVICE AMONG ITS STUDENTS.



π APPROXIMATION DAY

THE DEPARTMENT OF MATHEMATICS CELEBRATED π APPROXIMATION DAY ON 22 JULY 2025. THE PROGRAMME BEGAN WITH A PRAYER SONG BY I B.SC. MATHEMATICS STUDENTS, FOLLOWED BY A WELCOME ADDRESS BY DEVIKA ASHOKAN OF III B.SC. MATHEMATICS. FATHIMA AND SR. ALEENA PRESENTED A BRIEF TALK ON π APPROXIMATION, AND MS. NISHA V. M., HEAD OF THE DEPARTMENT, FELICITATED THE GATHERING. THE FORMAL SESSION CONCLUDED WITH A VOTE OF THANKS BY SR. ALEENA. VARIOUS COMPETITIONS, INCLUDING A π REMEMBRANCE COMPETITION, TAMBOLA, AND A MEMORY TEST, WERE ORGANIZED AND CONDUCTED BY THE STUDENTS OF III B.SC. MATHEMATICS. THE EVENT WITNESSED ENTHUSIASTIC PARTICIPATION, AND THE WINNERS WERE CONGRATULATED AND AWARDED.



MATHS CLUB INAUGURATION

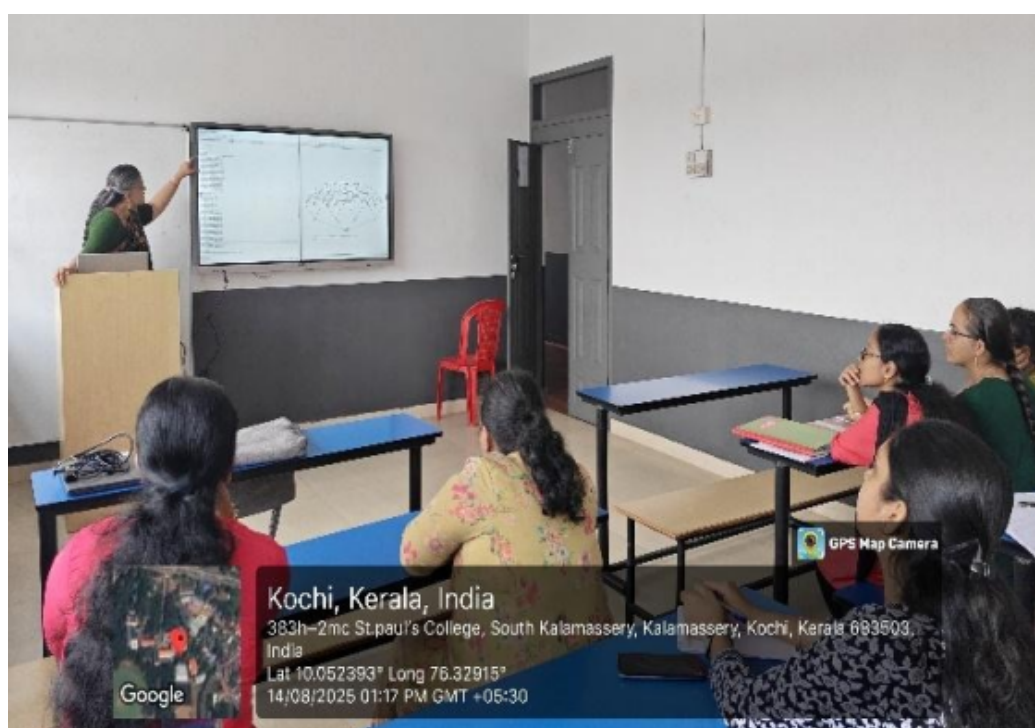
THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, PROUDLY INAUGURATED THE MATHEMATICS CLUB ALONG WITH FEMI (FORUM FOR EXCHANGE OF MATHEMATICAL IDEAS) ON 14 AUGUST 2025 AT DANIEL HALL. THE PROGRAMME, AIMED AT FOSTERING MATHEMATICAL THINKING, CURIOSITY, AND COLLABORATIVE LEARNING AMONG STUDENTS, COMMENCED AT 11:30 A.M. WITH A PRAYER SONG BY THE B.SC. MATHEMATICS STUDENTS. THE EVENT WAS ANCHORED BY NICY, A SECOND-YEAR M.SC. MATHEMATICS STUDENT. SR. ALEENA, SECRETARY OF THE MATHEMATICS CLUB, DELIVERED THE WELCOME ADDRESS, FOLLOWED BY THE PRESIDENTIAL ADDRESS BY DR. PRAMADA RAMACHANDRAN, PRINCIPAL OF THE COLLEGE. DR. MANJU K. MENON, FACULTY COORDINATOR OF THE MATHEMATICS CLUB, INTRODUCED THE CHIEF GUEST, DR. APARNA LAKSHMANAN S., PROFESSOR IN THE DEPARTMENT OF MATHEMATICS, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY. A SPECIAL SEGMENT OF THE PROGRAMME WAS DEDICATED TO HONOURING STUDENTS WHO HAD EXCELLED IN ACADEMICS AND SPORTS DURING THE PREVIOUS ACADEMIC YEAR. THE AWARD RECIPIENTS RECEIVED GIFTS AND APPRECIATION FROM THE CHIEF GUEST AND OTHER DIGNITARIES.

THE OFFICIAL INAUGURATION WAS PERFORMED BY DR. APARNA LAKSHMANAN S., WHO SUBSEQUENTLY DELIVERED AN ENGAGING SESSION TITLED "CAN YOU SOLVE?". THROUGH INTERACTIVE GROUP ACTIVITIES AND DISCUSSIONS, SHE HIGHLIGHTED THE PRACTICAL APPLICATIONS OF MATHEMATICS AND INSPIRED STUDENTS TO DEVELOP A DEEPER INTEREST IN THE SUBJECT. THE SESSION CONCLUDED AT 12:30 P.M., AFTER WHICH DEVIKA ASHOKAN OF III B.SC. MATHEMATICS EXPRESSED GRATITUDE TO THE CHIEF GUEST FOR HER VALUABLE PRESENCE AND INSPIRING TALK. FOLLOWING REFRESHMENTS, DR. MANJU K. MENON BRIEFED THE STUDENTS ON THE VARIOUS ACTIVITIES AND INITIATIVES UNDERTAKEN BY THE MATHEMATICS CLUB AND ENCOURAGED ACTIVE PARTICIPATION. THE CULTURAL SEGMENT FEATURED A MELODIOUS SONG BY THE III B.SC. MATHEMATICS STUDENTS AND VIBRANT DANCE PERFORMANCES BY THE II M.SC. AND III B.SC. MATHEMATICS STUDENTS. THE PROGRAMME CONCLUDED WITH A VOTE OF THANKS DELIVERED BY SREELAKSHMI OF III B.SC. MATHEMATICS.



"ILLUMINATE"-A RESEARCH MENTORSHIP PROGRAMME

THE DEPARTMENT OF MATHEMATICS ORGANIZED "ILLUMINITE", A RESEARCH MENTORSHIP PROGRAMME FOR ITS RESEARCH SCHOLARS, ON 14 AUGUST 2025. DR. APARNA LAKSHMANAN S., PROFESSOR, DEPARTMENT OF MATHEMATICS, CUSAT, SERVED AS THE RESOURCE PERSON. SHE DISCUSSED KEY ASPECTS OF RESEARCH, INCLUDING LITERATURE REVIEW, RESEARCH GOAL SETTING, ACADEMIC WRITING, AND RESEARCH COLLABORATIONS, WHILE ALSO PROVIDING GUIDANCE ON BUILDING CONFIDENCE AND INDEPENDENCE AS A RESEARCHER. ON REQUEST FROM THE PARTICIPANTS, SHE DEMONSTRATED VARIOUS GRAPH-DRAWING TOOLS USEFUL FOR MATHEMATICAL RESEARCH. THE SESSION WAS HIGHLY INFORMATIVE, INTERACTIVE, AND BENEFICIAL FOR THE RESEARCH SCHOLARS.



FEMI SESSION 1: THE ART OF APPROXIMATION: TAYLOR AND FOURIER PERSPECTIVES.

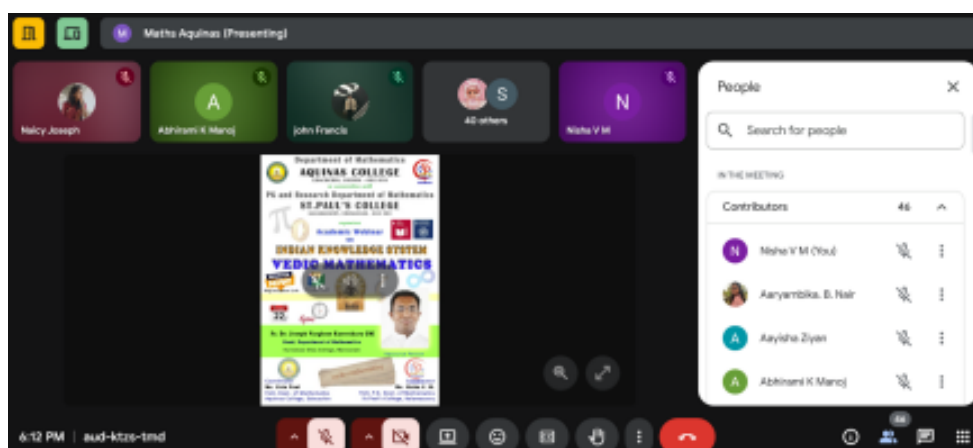
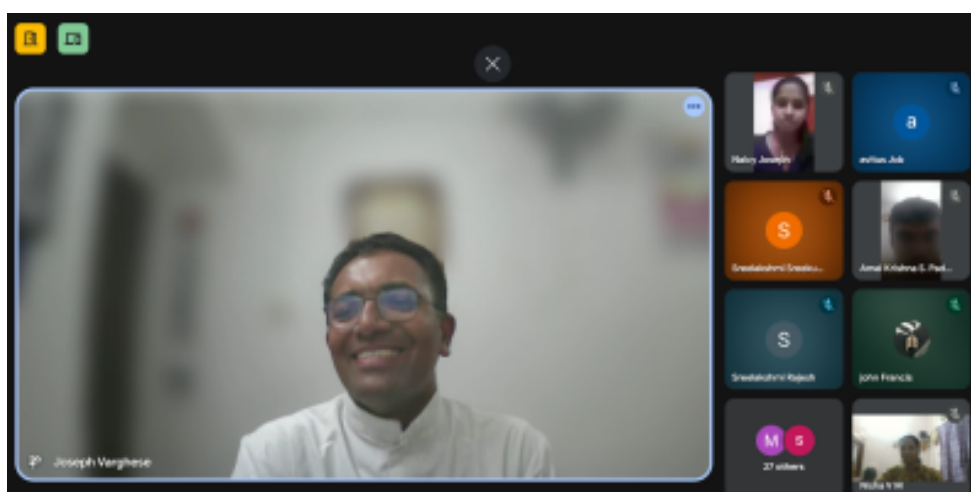
THE FIRST SESSION OF FEMI FOR THE ACADEMIC YEAR 2025-26 WAS HELD ON 16.09. 2025. THE TOPIC OF DISCUSSION WAS ON "THE ART OF APPROXIMATION: TAYLOR AND FOURIER PERSPECTIVES" HANDLED BY DR. RAJESHMON V. G, ASSISTANT PROFESSOR FROM THE DEPARTMENT OF PHYSICS. HE EXPLAINED BEAUTIFULLY HOW THE FUNCTIONS IN PRACTICAL SITUATIONS CAN BE WELL APPROXIMATED USING TAYLOR SERIES AND FOURIER SERIES. HE DEMONSTRATED THESE CONCEPTS USING GEOGEBRA TOO. BEFORE THE COMMENCEMENT OF THE SESSION, THE BEST SESSION OF FEMI 24-25 WAS FELICITATED BY HANDING OVER A GIFT TO THE TEAM I M.SC BY THE PRINCIPAL. THE PARTICIPANTS FOUND THE SESSION VERY USEFUL AND INTERESTING.



ONLINE WORKSHOP ON INDIAN KNOWLEDGE SYSTEM: VEDIC MATHEMATICS

THE POSTGRADUATE AND RESEARCH DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, IN ASSOCIATION WITH THE DEPARTMENT OF MATHEMATICS, AQUINAS COLLEGE, EDAKOCHI, ORGANIZED AN ONLINE WORKSHOP ON "INDIAN KNOWLEDGE SYSTEM: VEDIC MATHEMATICS" ON 22 OCTOBER 2025 AS PART OF AN MOU ACTIVITY. THE PROGRAMME WAS INTENDED FOR UNDERGRADUATE STUDENTS, PARTICULARLY THOSE FROM NON-MATHEMATICS DISCIPLINES, TO SUPPORT THEIR PREPARATION FOR THE MG UNIVERSITY SEMESTER III VAC EXAMINATIONS. A TOTAL OF 130 STUDENTS REGISTERED FOR THE WORKSHOP, WITH AROUND 67 PARTICIPANTS ATTENDING FROM VARIOUS COLLEGES.

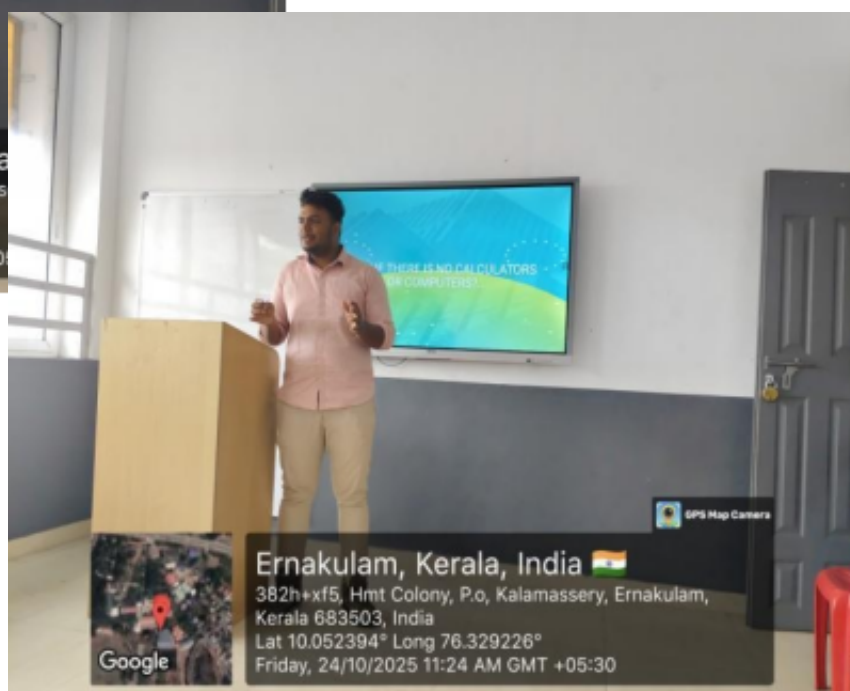
THE SESSION WAS LED BY REV. DR. JOSEPH VARGHESE KUREETHARA, AN EMINENT ACADEMICIAN AND FORMER DIRECTOR AND PROFESSOR AT CHRIST UNIVERSITY, BANGALORE. HE INTRODUCED IMPORTANT VEDIC SUTRAS AND DEMONSTRATED THEIR APPLICATIONS IN SIMPLIFYING CALCULATIONS, MAKING MATHEMATICS MORE ACCESSIBLE AND ENGAGING FOR LEARNERS. THE PROGRAMME WAS COORDINATED BY MS. ZETA PAUL, HEAD OF THE DEPARTMENT OF MATHEMATICS, AQUINAS COLLEGE, AND DR. NISHA V. M., HEAD OF THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE. THE WORKSHOP CONCLUDED WITH A VOTE OF THANKS BY MS. NAICY JOSEPH, M.SC. MATHEMATICS STUDENT, AND RECEIVED POSITIVE FEEDBACK FROM PARTICIPANTS FOR ITS INFORMATIVE AND LEARNER-FRIENDLY APPROACH.



FEMI SESSION 2: VISUALIZING THE HISTORY OF CUBE ROOTS AND METHOD OF SOLVING WITHOUT CALCULATOR

THE SECOND SESSION OF FEMI (FORUM FOR EXCHANGE OF MATHEMATICAL IDEAS) WAS COORDINATED BY THE I M.SC. MATHEMATICS STUDENTS ON 24 OCTOBER 2025. THE SESSION FEATURED PRESENTATIONS BY MR. FAHAD K. AND MS. ANJALI KRISHNA ON THE TOPIC “VISUALIZING THE HISTORY OF CUBE ROOTS AND METHODS OF SOLVING WITHOUT A CALCULATOR.” MS. ANJALI KRISHNA PRESENTED THE HISTORICAL DEVELOPMENT OF CUBE ROOTS, WHILE MR. FAHAD K. DEMONSTRATED TECHNIQUES FOR APPROXIMATING CUBE ROOTS WITHOUT THE USE OF A CALCULATOR. THE SESSION WAS INFORMATIVE, ENGAGING, AND WELL APPRECIATED BY THE PARTICIPANTS.

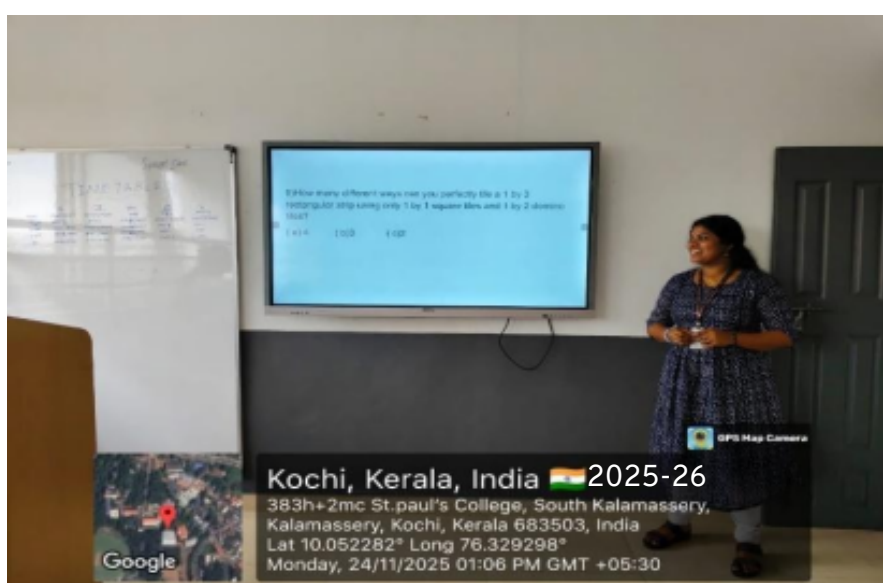
THE PROGRAMME ENHANCED THE PARTICIPANTS’ UNDERSTANDING OF THE HISTORY OF CUBE ROOTS AND HELPED THEM DEVELOP PRACTICAL SKILLS IN ESTIMATING CUBE ROOTS MANUALLY. IT ALSO PROVIDED OPPORTUNITIES FOR STUDENTS TO STRENGTHEN THEIR ORGANIZATIONAL AND PRESENTATION SKILLS THROUGH ACTIVE INVOLVEMENT IN THE PROGRAMME.



FIBONACCI DAY CELEBRATION

THE MATHEMATICS CLUB OF THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, CELEBRATED FIBONACCI DAY ON 24 NOVEMBER 2025 WITH ENTHUSIASTIC PARTICIPATION FROM STUDENTS ACROSS VARIOUS DEPARTMENTS. THE PROGRAMME BEGAN WITH A BRIEF PRESENTATION ON THE SIGNIFICANCE OF FIBONACCI DAY BY FATHIMA AND SR. ALEENA OF III B.SC. MATHEMATICS. A VARIETY OF ENGAGING COMPETITIONS, INCLUDING A QUIZ, PUZZLE-SOLVING CONTEST, AND TAMBOLA, WERE ORGANIZED TO HIGHLIGHT THE BEAUTY AND APPLICATIONS OF THE FIBONACCI SEQUENCE.

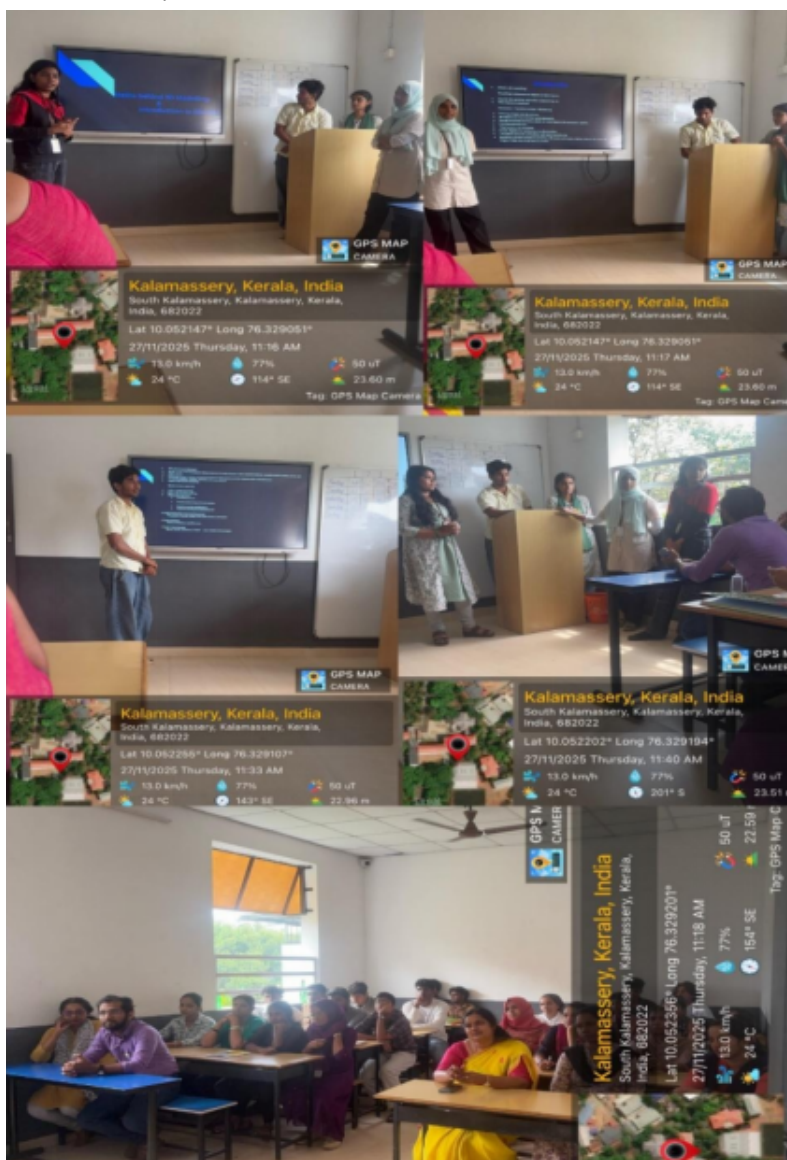
THE QUIZ COMPETITION, CONDUCTED BY SR. ALEENA, WAS WON BY THE I M.SC. MATHEMATICS TEAM. KAVERI SOORYA SWAMI OF III B.A. ECONOMICS SECURED FIRST PRIZE IN THE PUZZLE-SOLVING COMPETITION ORGANIZED BY PRAKSHEETHA AND SREELAKSHMI, WHILE BENMON BENNY OF III B.SC. MATHEMATICS WON THE TAMBOLA COMPETITION CONDUCTED BY CHRISTEEN AND EMMANUEL. THE CELEBRATION SUCCESSFULLY PROMOTED MATHEMATICAL CURIOSITY, TEAMWORK, AND HEALTHY COMPETITION, MAKING THE EVENT BOTH EDUCATIONAL AND ENJOYABLE.



FEMI SESSION 3: MATHS BEHIND 3D MODELLING & INTRODUCTION TO BLENDER

THE THIRD SESSION OF FEMI (FORUM FOR EXCHANGE OF MATHEMATICAL IDEAS) WAS COORDINATED BY THE III B.SC. MATHEMATICS STUDENTS ON 27 NOVEMBER 2025. MR. AIDRIN YESUDAS, MS. FATHIMA N. M., AND MS. SWALAHUNNISSA M. A. PRESENTED THE TOPIC “MATHEMATICS BEHIND 3D MODELLING AND INTRODUCTION TO BLENDER.” SWALAHUNNISSA INTRODUCED THE TOPIC AND EXPLAINED THE BASIC GEOMETRY INVOLVED IN 3D MODELS, FATHIMA DISCUSSED THE MATHEMATICAL CONCEPTS AND DIFFERENCES BETWEEN 2D AND 3D REPRESENTATIONS, AND AIDRIN PROVIDED AN INTRODUCTION TO BLENDER, A WIDELY USED FREE SOFTWARE FOR 3D MODELLING AND ANIMATION. THE SESSION WAS INFORMATIVE, ENGAGING, AND WELL APPRECIATED BY THE PARTICIPANTS.

THE PROGRAMME HELPED STUDENTS UNDERSTAND THE MATHEMATICAL PRINCIPLES UNDERLYING 3D MODELLING AND ANIMATION WHILE ALSO INTRODUCING THEM TO BLENDER AND ITS APPLICATIONS. IN ADDITION, THE ORGANIZERS ENHANCED THEIR ORGANIZATIONAL AND PRESENTATION SKILLS THROUGH ACTIVE PARTICIPATION IN THE EVENT.



MERRY GLOW: CHRISTMAS COMPETITIONS

THE MATHEMATICS CLUB OF THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, ORGANIZED A SERIES OF INTERDEPARTMENTAL CHRISTMAS COMPETITIONS ON 18 DECEMBER 2025 AT S 28 TO CELEBRATE THE FESTIVE SEASON. EVENTS SUCH AS CHRISTMAS CARD MAKING, SANTA DRAWING, CHRISTMAS WREATH MAKING, AND STAR MAKING ATTRACTED ENTHUSIASTIC PARTICIPATION FROM STUDENTS ACROSS VARIOUS DEPARTMENTS.

THE PROGRAMME SUCCESSFULLY PROMOTED CREATIVITY, TEAMWORK, AND FESTIVE SPIRIT AMONG STUDENTS. THE WINNERS WERE ANNOUNCED AND AWARDED PRIZES, AND THE EVENT CONCLUDED ON A JOYFUL NOTE. THE DEPARTMENT OF MATHEMATICS EXPRESSED ITS GRATITUDE TO ALL PARTICIPANTS AND COORDINATORS FOR MAKING THE CELEBRATION A MEMORABLE SUCCESS.



MATHEMATICS DAY & CHRISTMAS CELEBRATION

THE DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY, CELEBRATED NATIONAL MATHEMATICS DAY ALONG WITH THE DEPARTMENT CHRISTMAS CELEBRATION ON 22 DECEMBER 2025. THE PROGRAMME BEGAN WITH A FLASH MOB, FOLLOWED BY A FORMAL GATHERING IN S28. AFTER THE INVOCATION AND WELCOME ADDRESS, DR. MANJU K. MENON HIGHLIGHTED THE SIGNIFICANCE OF NATIONAL MATHEMATICS DAY AND THE VALUES OF CHRISTMAS, WHILE DR. PRAMADA RAMACHANDRAN, PRINCIPAL, DELIVERED THE PRESIDENTIAL ADDRESS AND APPRECIATED THE STUDENTS' INNOVATIVE CONTRIBUTIONS.

AS PART OF THE CELEBRATIONS, PRIZES WERE DISTRIBUTED TO WINNERS OF VARIOUS COMPETITIONS CONDUCTED DURING THE ACADEMIC YEAR, AND THE SEMINAR REPORT ON ABSTRACT ALGEBRA PREPARED BY THE III B.SC. MATHEMATICS STUDENTS WAS OFFICIALLY RELEASED. THE EVENT ALSO FEATURED CHRISTMAS CAKE CUTTING, CAROL SINGING BY TEACHERS AND STUDENTS, AND A VARIETY OF FUN GAMES. THE CELEBRATION CONCLUDED ON A JOYFUL NOTE, FOSTERING A SPIRIT OF LEARNING, UNITY, AND TOGETHERNESS AMONG ALL PARTICIPANTS.





CAREER ORIENTATION SESSION

THE DEPARTMENT OF MATHEMATICS, IN ASSOCIATION WITH THE DEPARTMENT OF PHYSICS, ORGANIZED A CAREER ORIENTATION SESSION FOR THE FINAL-YEAR UNDERGRADUATE STUDENTS ON 23 JANUARY 2026. THE PROGRAMME AIMED TO PROVIDE STUDENTS WITH VALUABLE INSIGHTS INTO THE DIVERSE CAREER OPPORTUNITIES AVAILABLE AFTER GRADUATION AND TO GUIDE THEM IN MAKING INFORMED CAREER CHOICES.

THE RESOURCE PERSON FOR THE SESSION WAS MR. VAISAKH MADHAVAN, EDUCATOR, ENTRI APP, WHO SHARED HIS EXPERTISE ON VARIOUS CAREER PATHWAYS, COMPETITIVE EXAMINATIONS, HIGHER EDUCATION PROSPECTS, AND EMERGING EMPLOYMENT OPPORTUNITIES ACROSS DIFFERENT SECTORS. THROUGH AN ENGAGING AND INTERACTIVE PRESENTATION, HE HIGHLIGHTED THE SKILLS AND COMPETENCIES REQUIRED TO SUCCEED IN TODAY'S DYNAMIC JOB MARKET.

THE SESSION PROVED TO BE HIGHLY INFORMATIVE AND BENEFICIAL FOR THE STUDENTS, ENHANCING THEIR AWARENESS OF CAREER OPTIONS AND MOTIVATING THEM TO PLAN THEIR PROFESSIONAL FUTURES WITH GREATER CONFIDENCE AND CLARITY. THE PROGRAMME CONCLUDED WITH AN INTERACTIVE QUESTION-AND-ANSWER SESSION, DURING WHICH STUDENTS ACTIVELY ENGAGED WITH THE RESOURCE PERSON AND SOUGHT GUIDANCE ON THEIR CAREER ASPIRATIONS.



GURUPRASADAM

THE DEPARTMENT WAS DELIGHTED TO RECEIVE AN OFFER FROM PROF. AMBAT VIJAYAKUMAR TO DONATE THE BACK VOLUMES OF THE ICA BULLETIN TO THE RESEARCH DEPARTMENT. GRATEFULLY ACCEPTING THIS GENEROUS GESTURE, A TEAM OF FACULTY MEMBERS AND RESEARCH SCHOLARS VISITED HIS RESIDENCE, PRANAVAM, AT THRIKKAKKARA ON 23 FEBRUARY 2026 TO COLLECT THE BOOKS.

THE DONATED VOLUMES WERE SUBSEQUENTLY ARRANGED AND PRESERVED IN THE RESEARCH ROOM FOR THE BENEFIT OF RESEARCH SCHOLARS AND FACULTY MEMBERS. THIS VALUABLE CONTRIBUTION HAS ENRICHED THE DEPARTMENT'S RESEARCH RESOURCES AND WILL SERVE AS A USEFUL REFERENCE FOR FUTURE ACADEMIC AND RESEARCH ACTIVITIES.



GENDER EQUALITY THROUGH LEGAL AWARENESS

THE DEPARTMENT OF MATHEMATICS, IN ASSOCIATION WITH THE WOMEN EMPOWERMENT CELL OF ST. PAUL'S COLLEGE, KALAMASSERY, ORGANIZED A SESSION ON "GENDER EQUALITY THROUGH LEGAL AWARENESS" ON 24 FEBRUARY 2026. THE RESOURCE PERSON FOR THE PROGRAMME WAS ADV. WILFRED DAS, MEDIATOR AND GENERAL SECRETARY OF THE PEOPLE'S COUNCIL FOR SOCIAL JUSTICE.

DURING THE SESSION, THE SPEAKER PROVIDED AN OVERVIEW OF LEGAL AWARENESS AND GENDER EQUALITY, WITH SPECIAL REFERENCE TO ARTICLES 75, 76, 77, 78, 79, AND 80. HE EMPHASIZED THE IMPORTANCE OF UNDERSTANDING LEGAL RIGHTS AND RESPONSIBILITIES AND HIGHLIGHTED THE NEED TO PROMOTE GENDER EQUALITY IN SOCIETY. THE SPEAKER ALSO POINTED OUT THAT WHILE SEVERAL LAWS HAVE BEEN ENACTED TO PROTECT WOMEN, THEY SHOULD BE USED RESPONSIBLY AND NOT MISUSED.

THE SESSION WAS INTERACTIVE, WITH STUDENTS ACTIVELY PARTICIPATING AND RAISING QUESTIONS REGARDING VARIOUS GENDER EQUALITY ISSUES. THE PROGRAMME HELPED PARTICIPANTS GAIN A BETTER UNDERSTANDING OF LEGAL PROVISIONS, THE SIGNIFICANCE OF GENDER EQUALITY, AND THE IMPORTANCE OF BASIC LEGAL AWARENESS IN EVERYDAY LIFE.



INTERNATIONAL DAY OF MATHEMATICS

THE DEPARTMENT OF MATHEMATICS CELEBRATED THE INTERNATIONAL DAY OF MATHEMATICS WITH GREAT ENTHUSIASM ON 14 MARCH 2026, MARKING THE FINAL GATHERING OF THE ACADEMIC YEAR 2025-26. THE PROGRAMME WAS GRACED BY DR. PRAMADA RAMACHANDRAN, PRINCIPAL, AND BEGAN WITH A PRAYER SONG BY SR. ALEENA AND PRAKSHEETHA OF III B.SC. MATHEMATICS. SR. ALEENA, SECRETARY OF THE MATHEMATICS CLUB, PRESENTED THE ANNUAL REPORT OF THE DEPARTMENT, HIGHLIGHTING THE MAJOR ACTIVITIES AND ACHIEVEMENTS OF THE YEAR.

THE CELEBRATION ALSO INCLUDED A HEARTFELT FAREWELL TO THE GUEST FACULTY MEMBERS FOR THEIR DEDICATED SERVICE TO THE DEPARTMENT. VARIOUS ACTIVITIES SUCH AS A MATHEMATICS QUIZ, A DEBATE ON THE RELEVANCE OF MATHEMATICS IN THE MODERN WORLD, AND THE GAME “NIM SUM” WERE ORGANIZED, ENSURING ACTIVE PARTICIPATION AND ENJOYMENT. THE PROGRAMME CONCLUDED WITH REFRESHMENTS AND JOYFUL INTERACTIONS, MAKING IT A MEMORABLE AND FITTING END TO A SUCCESSFUL ACADEMIC YEAR.



FEMI SESSION 5

MATHEMATICS IN WORLD WAR II

THE FIFTH SESSION OF FEMI WAS CONDUCTED ON 16 MARCH 2026 AND WAS PRESENTED BY MS. AMRITHA S. RAJ, II M.SC. MATHEMATICS, ON THE TOPIC “MATHEMATICS IN WORLD WAR II.” THE SESSION HIGHLIGHTED THE IMPORTANT ROLE OF MATHEMATICS DURING WORLD WAR II, INCLUDING ITS APPLICATIONS IN NUCLEAR RESEARCH, AIRCRAFT ARMOR PLACEMENT THROUGH STATISTICAL ANALYSIS, AND THE DECODING OF THE ENIGMA MACHINE. THE PRESENTATION WAS INFORMATIVE AND ENGAGING, HELPING PARTICIPANTS UNDERSTAND THE PRACTICAL RELEVANCE OF MATHEMATICS IN HISTORICAL EVENTS WHILE ALSO ENHANCING THEIR KNOWLEDGE, CRITICAL THINKING, AND PRESENTATION SKILLS.



VIMUKTHI SPECIAL SCHOOL VISIT

THE COMMITTEE FOR STUDENTS WITH DISABILITIES, IN ASSOCIATION WITH THE DEPARTMENT OF MATHEMATICS, ORGANIZED A VISIT TO VIMUKTHI SPECIAL SCHOOL, NORTH KALAMASSERY, ON 17 MARCH 2026. AROUND 20 STUDENTS FROM II M.SC. MATHEMATICS AND III B.SC. MATHEMATICS PARTICIPATED IN THE PROGRAMME UNDER THE GUIDANCE OF MS. NISHA V. M., ASSISTANT PROFESSOR AND COMMITTEE COORDINATOR. THE VISIT INCLUDED INTERACTIVE SESSIONS, GAMES, CULTURAL PROGRAMMES, AND THE DONATION OF ESSENTIAL GROCERY ITEMS TO THE INSTITUTION. THE PROGRAMME PROVIDED STUDENTS WITH AN OPPORTUNITY TO ENGAGE MEANINGFULLY WITH THE SPECIAL SCHOOL COMMUNITY, FOSTERING EMPATHY, SOCIAL RESPONSIBILITY, INCLUSIVITY, AND AWARENESS OF THE CHALLENGES FACED BY DIFFERENTLY-ABLED INDIVIDUALS.



CLEANLINESS DRIVE

THE DEPARTMENT OF MATHEMATICS ORGANIZED A CLEANLINESS DRIVE AT MANGALAVANAM BIRD SANCTUARY ON 25 MARCH 2026 AS PART OF ITS GREEN INITIATIVE. A TOTAL OF 13 STUDENTS PARTICIPATED IN THE PROGRAMME UNDER THE GUIDANCE OF FACULTY COORDINATORS ARUNY NANDINI KUTTY AND NIMMY GEORGE, WITH FAHAD K. (I M.SC. MATHEMATICS) SERVING AS THE STUDENT COORDINATOR. WITH THE SUPPORT OF MR. VINEETH, B2 FOREST OFFICER, STUDENTS ACTIVELY ENGAGED IN CLEANING THE SANCTUARY PREMISES AND ENSURING PROPER WASTE DISPOSAL. THE PROGRAMME HIGHLIGHTED THE IMPORTANCE OF ENVIRONMENTAL CONSERVATION, BIODIVERSITY PROTECTION, AND COMMUNITY RESPONSIBILITY, PROVIDING PARTICIPANTS WITH A MEANINGFUL AND FULFILLING EXPERIENCE.



"SHARE AND EXPLORE"-A KNOWLEDGE EXCHANGE PROGRAMME AMONG THE SCHOLARS.

RESEARCH SCHOLARS, UNDER THE GUIDANCE OF DR. SAVITHA K. S., ACTIVELY SHARED THEIR KNOWLEDGE AND RESEARCH INSIGHTS IN DIVERSE AREAS OF MATHEMATICS, INCLUDING ALGEBRA, ANALYSIS, GRAPH THEORY, CALCULUS, AND TOPOLOGY, DURING THE PERIOD AUGUST 2025 – MAY 2026. THE SESSIONS PROVIDED AN EXCELLENT PLATFORM FOR ACADEMIC EXCHANGE AND COLLABORATIVE LEARNING. INTERACTIVE PRESENTATIONS, THOUGHT-PROVOKING DISCUSSIONS, AND ACTIVE PARTICIPATION FROM STUDENTS MADE EACH SESSION ENGAGING, ENRICHING, AND INTELLECTUALLY STIMULATING, THEREBY FOSTERING A VIBRANT RESEARCH CULTURE WITHIN THE DEPARTMENT.



PROF. P. V. DOMINIC ENDOWMENT SCHOLARSHIP

THE PROF. P. V. DOMINIC ENDOWMENT MERIT-CUM-MEANS SCHOLARSHIP, INSTITUTED BY THE FAMILY OF PROF. P. V. DOMINIC, IS AWARDED ANNUALLY TO A DESERVING B.SC. MATHEMATICS STUDENT OF ST. PAUL'S COLLEGE, KALAMASSERY, IN RECOGNITION OF ACADEMIC MERIT AND FINANCIAL NEED. THE SCHOLARSHIP CARRIES A CASH AWARD OF ₹15,000 AND AIMS TO ENCOURAGE ACADEMIC EXCELLENCE AMONG STUDENTS.

DURING THE ACADEMIC YEAR 2025-26, MS. SREELAKSHMI S. MENON, A STUDENT OF III B.SC. MATHEMATICS, WAS SELECTED AS THE RECIPIENT OF THE SCHOLARSHIP. SHE RECEIVED THE AWARD IN RECOGNITION OF HER OUTSTANDING ACADEMIC PERFORMANCE AND DEDICATION TO HER STUDIES.



ACHIEVEMENTS

PHD AWARDED



GISHA SARASWATHY
GUIDE: PROF. DR MANJU K MENON

PRE PHD SUBMISSION COMPLETED



THASNEEM T R
GUIDE: PROF. DR MANJU K MENON

TOPPERS IN BSC MATHEMATICS



FATHIMA N M
SGPA : 9.06 (A+)



ALEENA T K
SGPA : 9.06 (A+)

ACHIEVEMENTS

ASPIRE SCHOLARSHIP AWARDEES



SNEHA K PRAKSAH
II MSC MATHEMATICS



SHABNA V R
II MSC MATHEMATICS



ROSHAN N NAIR
III BSC MATHEMATICS
CRICKET TEAM MEMBER
ST. PAUL'S COLLEGE, KALAMASSERY

**"WITH GRATITUDE FOR THE
ACHIEVEMENTS OF THE
PAST YEAR AND OPTIMISM
FOR THE FUTURE, WE
CONTINUE OUR PURSUIT OF
EXCELLENCE IN TEACHING,
LEARNING, AND RESEARCH
IN MATHEMATICS."**