SES COLLEGE,SREEKANDAPURAM
DEPARTMENT OF MATHEMATICS



ACTIVITY REPORT
2025-26

Some Useful AI Tools-Seminar

The Department of Mathematics at S E S College, Sreekandapuram organized a seminar titled "Some Useful AI Tools" on 20th June 2025 at 11:30 AM in the Seminar Hall. The resource person for the event was Rojins S. Martin from Amal Jyothi College of Engineering (COE). The seminar focused on empowering students with practical AI applications to boost academic productivity, simplify complex tasks, and build digital skills for the future. During the session, the speaker presented demonstrations on AI tools across coding platforms (such as GitHub Copilot, Cursor, Replit, and Augment Code), content generation, and presentation tools (including Gamma, Napkin, Lovable, and NotebookLM). The interactive workshop gave students hands-on insights into leveraging artificial intelligence for research, programming, and everyday academic tasks.**27 students** participated from our department.



Objectives:

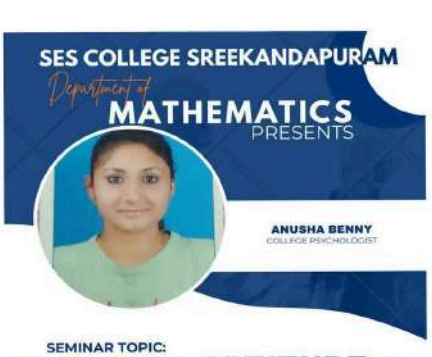
1. To introduce students to emerging artificial intelligence tools designed to boost productivity and streamline academic tasks.
2. To demonstrate modern AI-driven coding environments and assistance platforms like GitHub Copilot, Replit, and Cursor.
3. To familiarize participants with AI presentation and research aids such as Gamma, Napkin, and NotebookLM.
4. To bridge classroom learning with contemporary technological tools essential for career readiness.
5. To cultivate digital literacy and encourage smart, ethical utilization of AI technology among students.

Expected Outcomes:

1. Enhanced technical awareness and hands-on understanding of various specialized AI productivity tools.
2. Improved capability among students to utilize AI coding assistants for software development and logic debugging.
3. Ability to leverage AI platforms for generating structured visual presentations and organizing academic research.
4. Increased efficiency in completing academic assignments, project reports, and self-directed learning modules.
5. Strengthened confidence and readiness to adapt to rapidly evolving AI-driven academic and industry landscapes

The Success Code: Aptitude + Attitude-Seminar

The Department of Mathematics, SES College Sreekandapuram, organized a **seminar on** "The Success Code: Aptitude + Attitude" as part of the Association Inauguration Programme on **26th September 2025** from 11:30 a.m. to 12:30 p.m. The resource person for the seminar was **Anusha Benny,** College Psychologist. The session focused on the importance of developing both aptitude and a positive attitude for academic achievement, personal growth, and career success. The resource person highlighted how knowledge, skills, confidence, motivation, and a constructive mindset work together in achieving success. The session was interactive and provided students with valuable insights into developing a balanced approach towards their studies, career, and personal development. The programme concluded with a vote of thanks, expressing gratitude to the resource person and all participants for their active involvement.s. **21 students** participated from our department.









Objectives:

1. To help students understand the importance of aptitude and attitude in achieving academic and career success.
2. To develop students' problem-solving, analytical, and critical-thinking abilities through awareness of aptitude skills.
3. To encourage a positive mindset, self-confidence, and motivation among students.
4. To equip students with strategies for personal and professional development and better decision-making.
5. To inspire students to develop a balanced combination of knowledge, skills, and positive attitudes for achieving their future goals.

Expected Outcomes:

1. Improved awareness of the role of aptitude and attitude in academic, personal, and professional success.
2. Enhanced problem-solving and analytical abilities among students.
3. Increased self-confidence, motivation, and positive thinking in facing academic and career challenges.
4. Better preparedness for future academic and career opportunities through improved personal and interpersonal skills.
5. Development of a growth-oriented mindset that encourages students to take initiative, overcome challenges, and work towards their goals.

Career Guidance Session on Professional Courses

The Department of Mathematics organized a Career Guidance and Awareness **Session** on Professional Courses in association with IAM Studies, Kannur, on 3rd December 2025. The session focused on professional courses such as **CA, ACCA, CMA (India/USA)**, and CS, providing students with valuable information about various career-oriented opportunities in the fields of accounting, finance, management, and corporate studies. The resource persons from IAM Studies explained the scope, structure, eligibility, and career prospects associated with these professional qualifications. The session also highlighted the importance of acquiring industry-relevant skills and making informed career choices based on students' interests and future aspirations. The programme provided students with greater awareness of alternative career pathways and encouraged them to explore professional qualifications alongside their regular degree programmes. **6 students** participated from our department.



Objectives:

1. To familiarize students with various professional courses such as CA, ACCA, CMA, and CS and their academic requirements.
2. To provide awareness about career opportunities and professional prospects in accounting, finance, management, and corporate sectors.
3. To help students understand the scope, structure, and pathways of different professional qualifications.
4. To encourage students to explore industry-oriented career options and develop relevant professional skills.
5. To assist students in making informed career decisions based on their interests, abilities, and future aspirations.

Expected Outcomes:

1. Increased awareness among students about professional qualifications such as CA, ACCA, CMA, and CS.
2. Improved understanding of career opportunities and employment prospects associated with professional courses.
3. Enhanced ability to compare different professional career pathways and identify suitable options.
4. Greater motivation among students to pursue industry-relevant qualifications and skills for career development.
5. Better-informed career planning and decision-making among students regarding their future academic and professional goals.

Personality Development -Seminar

The Department of Mathematics organized a Seminar on Personality Development on Wednesday, **11th February, 2026** at 10:30 a.m. at the seminar hall. The resource person for the seminar was Megha T. K., Digital Marketing Executive, SDE ASAP Kerala, who has been serving in the role since 2018. Ms. Megha delivered an in-depth and insightful session focusing on crucial modern life skills such as critical thinking, time management, and leadership skills. Connecting theoretical aspects of personal growth with practical career applications, the session was highly interactive, with student participants actively engaging in discussions and clarifying their doubts. The programme provided a valuable platform for students to gain exposure to professional training, enhance their soft skills, and prepare for future career challenges. The seminar concluded with an expression of gratitude to the speaker for her enriching contribution and to all participants for making the event a grand success.**23 students** participated from our department.



Objectives:

1. To establish a structured platform for student skill enhancement and professional growth.
2. To encourage critical thinking, effective time management, and core leadership capabilities among students.
3. To organize specialized training sessions that bridge the gap between academic learning and industry expectations.
4. To provide direct opportunities for personal development through expert-led collaborative activities.
5. To strengthen institutional efforts in fostering student confidence, active engagement, and community presence.

Expected Outcomes:

1. Enhanced self-awareness and soft skills among students leading to better academic and personal outcomes.
2. Increased opportunities for career readiness and capacity building through direct industry interaction.
3. Successful implementation of interactive learning methods that encourage students to actively clarify doubts.
4. Development of critical soft skills that support the long-term professional growth of the participants.
5. Improved presentation skills, decision-making capabilities, and overall confidence for the students in their respective fields.

“Stay Positive” – Value Education Seminar

The Department of Mathematics, SES College, Sreekandapuram, organized an inspiring session on “Stay Positive – An Inspiring Session for a Positive Mindset” on 6th March 2026 at 2:30 PM. The programme was conducted with the aim of encouraging students to develop a positive outlook and healthy approaches towards personal and academic challenges. Mr. Pradeepan Maloth, Counsellor Psychotherapist, served as the resource person for the session.

The resource person interacted with the students and highlighted the importance of maintaining a positive mindset in everyday life. The session focused on developing constructive thinking, managing challenges, building emotional resilience, and maintaining a healthy perspective towards different situations. The interactive nature of the programme encouraged students to actively participate and reflect on the importance of positive thinking in their academic and personal lives.

Objectives:

1.To encourage students to develop a positive and constructive mindset.

2.To create awareness about the importance of positive thinking in academic and personal life.

3.To help students develop healthy approaches to managing challenges and stressful situations.

4.To promote self-awareness, emotional resilience, and personal growth among students.

5.To provide students with an opportunity to interact with and learn from a professional counsellor and psychotherapist.



Expected Outcomes:

1.Students develop a better understanding of the importance of maintaining a positive mindset.

2.Students gain practical insights into dealing with challenges and difficult situations in a constructive manner.

3.The programme promotes self-confidence, emotional resilience, and healthy thinking among students.

4.Students become more aware of the role of positive thinking in their academic and personal development.

5.The session contributes to creating a supportive and encouraging environment within the college community.

RHOMBUS-25 - Power Point Presentation Competition

The Department of Mathematics at S E S College Sreekandapuram organized a Power Point Presentation Competition as part of "RHOMBUS-25" on **11th February 2026** at 2.30 pm. The program was inaugurated by Dr. Reena Sebastian, Principal of S E S College. Rasina M P, Head of the Department of Mathematics, delivered the felicitation, and Silja C, Assistant Professor in the Department of Mathematics, served as the event coordinator. The competition featured team presentations, where each participating team comprised three members and was allotted a maximum of 15 minutes to present on specialized mathematical topics such as Cryptography, Planar Graphs, and Mathematics of Epidemics. The sessions were highly engaging, allowing students to demonstrate technical depth, effective presentation skills, and analytical thinking. The program concluded with a vote of thanks delivered by Anamika Shaji, Student Representative, expressing gratitude to the management, faculty, and participants for the successful execution of the event. The 1st prize winners were awarded for their outstanding presentation.**12 students** participated from our department.



Objectives:

1. To provide a platform for students to present mathematical concepts and applications using digital presentation tools.
2. To enhance public speaking, communication, and visual presentation skills among undergraduate mathematics students.
3. To foster teamwork, collaborative learning, and time management through group competition.
4. To encourage independent research on advanced mathematical topics outside the standard curriculum.
5. To cultivate analytical thinking and problem-solving abilities by defending technical concepts during presentations.

Expected Outcomes:

1. Improved confidence and digital communication skills among participating students.
2. Greater depth of knowledge in application-based areas of mathematics such as graph theory, cryptography, and mathematical modeling.
3. Enhanced teamwork and peer-to-peer learning through collaborative preparation.
4. Identification and encouragement of exceptional talent in academic presentation and research.
5. Increased student engagement in departmental co-curricular academic activities.

Euler's Day -Quiz Programme

The Department of Mathematics, S.E.S. College, Sreekandapuram, organized Euler Day Quiz Programme as part of the Euler's Day Celebration – 2026 on **11 February 2026** at 12:00 p.m. at the 3rd year BSc Mathematics class. The programme was organized to commemorate the contributions of the renowned mathematician Leonhard Euler and to promote interest in mathematics among students.

The quiz provided an engaging platform for students to test and enhance their knowledge of mathematics, mathematical history, and Euler's contributions. Students actively participated in the programme, making the event interactive and intellectually stimulating. The programme concluded successfully with enthusiastic participation from the students.**12 students** participated from our department.

Objectives:

1. To commemorate the contributions and achievements of the renowned mathematician Leonhard Euler.
2. To develop students' interest and curiosity towards mathematics and its history.
3. To enhance students' mathematical knowledge, logical thinking, and problem-solving skills.
4. To provide an interactive platform for students to demonstrate and improve their mathematical knowledge.
5. To encourage healthy academic competition and collaborative learning among students.



Outcomes:

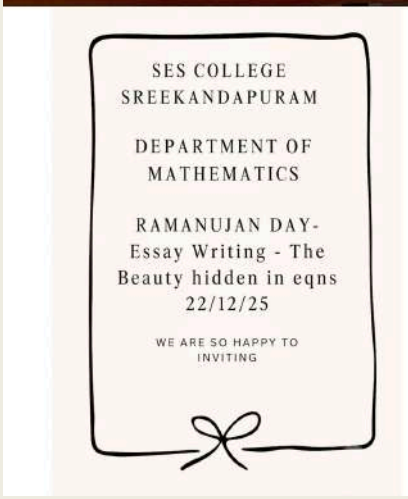
1. Students gained greater awareness of Leonhard Euler's contributions to mathematics and related fields.
2. The quiz enhanced students' mathematical knowledge, logical reasoning, and analytical thinking skills.
3. Students developed increased interest and enthusiasm towards learning mathematics.
4. The programme provided students with an opportunity to participate in a stimulating academic activity beyond the regular classroom.
5. The event promoted healthy competition, active participation, and a positive learning environment among students.

Essay writing -The Beauty Hidden in Equations-Ramanujan Day

The Department of Mathematics, SES College, Sreekandapuram, organized an essay writing competition on the topic The Beauty Hidden in Equations on **22nd December 2025** at 1:30 PM.The event was held to commemorate National Mathematics Day, honoring the legendary mathematician Srinivasa Ramanujan. The programme was organized to encourage students to explore the creative, logical, and aesthetic dimensions of mathematics through written expression. A total of **6 participated** in the activity.

The competition provided students with an opportunity to reflect on the significance of equations in mathematics and their role in understanding various phenomena in science, technology, and everyday life. Through their essays, the participants explored how mathematical equations can represent patterns, relationships, and ideas in an elegant and meaningful manner.The activity encouraged students to look beyond the computational aspects of mathematics and appreciate its logical structure, creativity, and beauty.







Objectives:

1. To encourage students to appreciate the beauty, creativity, and logical structure of mathematics.
2. To provide students with an opportunity to express their understanding of mathematical concepts through written communication.
3. To develop students' analytical, creative, and critical thinking skills.
4. To help students recognize the relevance and applications of mathematical equations in different areas of knowledge and everyday life.

Expected Outcomes:

1. Students develop a deeper appreciation of mathematics beyond its computational aspects.
2. Students enhance their ability to communicate mathematical ideas clearly and creatively.
3. The activity promotes analytical and creative thinking among students.
4. Students gain greater awareness of the role of equations in representing patterns, relationships, and real-world phenomena.
5. The programme contributes to creating a positive and engaging academic environment for the study of mathematics.

Solve Sudoku Competition

The Department of Mathematics at S E S College, Sreekandapuram organized a "Solve Sudoku" competition as part of the Ramanujan Day celebrations on **5th January 2026**.. Students actively participated in solving numerical logic grids designed to test their analytical speed, deduction skills, and pattern recognition under time constraints. The classroom activity encouraged competitive spirit and cognitive engagement among mathematics students, serving as a creative way to celebrate mathematical legacy through logical problem-solving. **18 students** participated from our department.

Objectives:

1. To celebrate Ramanujan Day and honor the contributions of legendary mathematician Srinivasa Ramanujan through an engaging logical activity.
2. To enhance analytical thinking, numerical intuition, and problem-solving skills among students.
3. To promote rapid deduction, pattern recognition, and focus through time-bound logic puzzles.
4. To foster healthy competition and interest in recreational mathematics outside the standard curriculum.
5. To encourage student participation in departmental co-curricular activities celebrating mathematical inheritance.



Expected Outcomes:

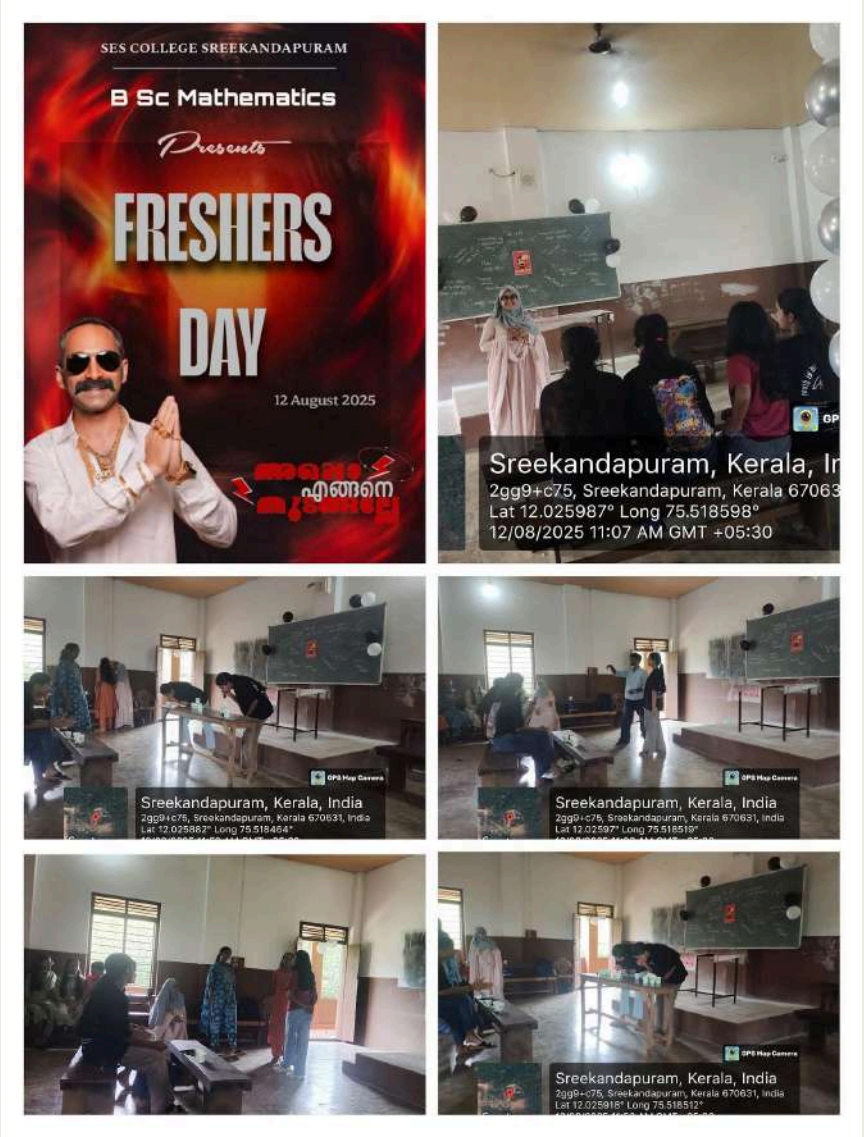
1. Improved speed, focus, and logical reasoning skills among participating students.
2. Greater appreciation for recreational mathematics and non-routine problem-solving techniques.
3. Enhanced mental agility, memory, and concentration skills through structured grid-solving.
4. Active involvement and enthusiasm among students in celebrating National Mathematics Day.
5. Promotion of a collaborative yet competitive learning environment within the department.

Freshers Day Celebration

The Department of Mathematics at S E S College, Sreekandapuram organized a Freshers Day celebration on **12th August 2025** at 11:00 AM to welcome the newly admitted undergraduate students. Senior students hosted the event to create a warm, welcoming environment and to assist the incoming batch in integrating into the academic and social life of the department. The celebration featured interactive games, ice-breaking activities, and informal self-introductions, allowing freshers to interact with senior peers and faculty members. The event provided an engaging platform to build camaraderie, alleviate initial academic hesitation, and foster a strong sense of community within the department**. 5 students** participated from our department.

Objectives:

1. To extend a formal welcome to the new B Sc Mathematics batch and help them adapt to the college atmosphere.
2. To organize ice-breaking sessions and interactive activities that facilitate open communication between freshers, seniors, and faculty.
3. To build a supportive peer environment that encourages active participation in academic and co-curricular pursuits.
4. To ease the transition of newly joined students into higher education through guidance and mutual connection.
5. To cultivate department unity, mutual respect, and collaborative spirit among students across different academic years.



Expected Outcomes:

1. Smooth orientation and comfortable integration of incoming students into the department culture.
2. Stronger rapport and positive interaction between senior and junior students.
3. Reduced anxiety and increased confidence among freshers as they begin their undergraduate journey.
4. Active participation and sense of belonging established among the new students early in the academic session.
5. Development of a cohesive, supportive learning environment across all batches in the department.

Farewell & Cultural Program

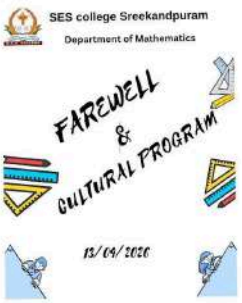
The Department of Mathematics at SES College Sreekandapuram organized a Farewell & Cultural Program on **13th April 2026** to bid a formal adieu to the outgoing batch of students. The event was organized by junior students and faculty members to acknowledge the academic efforts, contributions, and memories shared by the graduating batch during their tenure at the institution. The celebration featured decorated venues, addresses by faculty members, sharing of experiences by outgoing students, and various cultural performances. The gathering provided a platform to celebrate shared achievements, express gratitude, and extend best wishes for the graduates' future academic and professional endeavors.**10 students** participated from our department.

Objectives:

1. To extend a warm and memorable send-off to the graduating batch of mathematics students.
2. To acknowledge and appreciate the academic and co-curricular contributions of outgoing students to the department.
3. To provide a platform for junior students to showcase cultural talents and organize a farewell event.
4. To strengthen interpersonal bonds and foster an enduring network between faculty, current students, and alumni.
5. To encourage outgoing students as they transition toward higher education, careers, and future endeavors.







Expected Outcomes:

1. A meaningful farewell event celebrating the journey and achievements of the outgoing students.
2. Enhanced sense of belonging and strong alumni connections with the department and institution.
3. Appreciation of organizational and cultural execution skills among junior student organizers.
4. Positive emotional motivation and encouragement for graduating students facing future career paths.
5. Preservation of institutional traditions of community building, gratitude, and camaraderie.

Seminar on “Eigen Values for Competitive Exams”

The Department of Mathematics, SES College, Sreekandapuram, organized a seminar on “Eigen Values for Competitive Exams” on 16th January 2026. The academic programme was designed to provide students with a focused understanding of eigen values and their applications in competitive examinations.The resource person was Sreeshanim PP,Mathlab,Calicut. A total of **16 students** actively participated in the seminar.The session focused on strengthening students’ conceptual understanding of eigen values and eigen vectors, along with techniques for solving examination-oriented problems efficiently.



Objectives

1. To strengthen students’ conceptual understanding of eigen values and eigen vectors.
2. To familiarize students with different types of eigen value problems commonly encountered in competitive examinations.
3. To develop efficient problem-solving techniques and improve students’ speed and accuracy.
4. To help students apply theoretical concepts of matrices and linear algebra to examination-oriented problems.

Expected Outcomes:

1. Students gain a clearer understanding of the concepts of eigen values and eigen vectors.
2. Students develop greater confidence in solving eigen value problems in competitive examinations.
3. Students improve their problem-solving skills, accuracy, and time-management strategies.
4. The programme helps students connect theoretical concepts in linear algebra with practical examination requirements.
5. The seminar encourages students to engage more actively in preparation for competitive examinations involving advanced mathematical concepts.

Bank Coaching Introduction - Alumni Talk 1

The Department of Mathematics organized an Alumni Interaction titled *"Bank Coaching Introduction"* on **27th June 2025** at 11:30 AM. The session was led by distinguished alumnus Mr. Abhijith P. P. (2019-2022 Batch), Junior Clerk at Naduvil Service Co-operative Bank. The programme was coordinated by Ms. Rasina M P, Assistant Professor, Department of Mathematics. Mr. Abhijith shared his personal journey from graduating with a mathematics degree to securing a career in the banking sector. He detailed the career prospects within local co-operative banks and nationalized banking institutions, highlighting how numerical accuracy and analytical thinking developed during undergraduate studies serve as key assets in clearing recruitment examinations. The interactive session allowed students to gain practical insights into balancing exam preparation with daily study routines. **13 students** participated from our department.



Objectives

1. To introduce students to career pathways and recruitment structures in the banking sector, particularly within co-operative banks.
2. To demonstrate the direct relevance of mathematical aptitude and analytical skills in competitive banking examinations.
3. To foster a strong connection between current students and alumni through peer mentorship and career sharing.
4. To provide practical strategies for preparing for junior clerk and officer-level banking recruitment tests.
5. To motivate students to explore public and co-operative sector employment opportunities early in their academic tenure.

Expected Outcomes

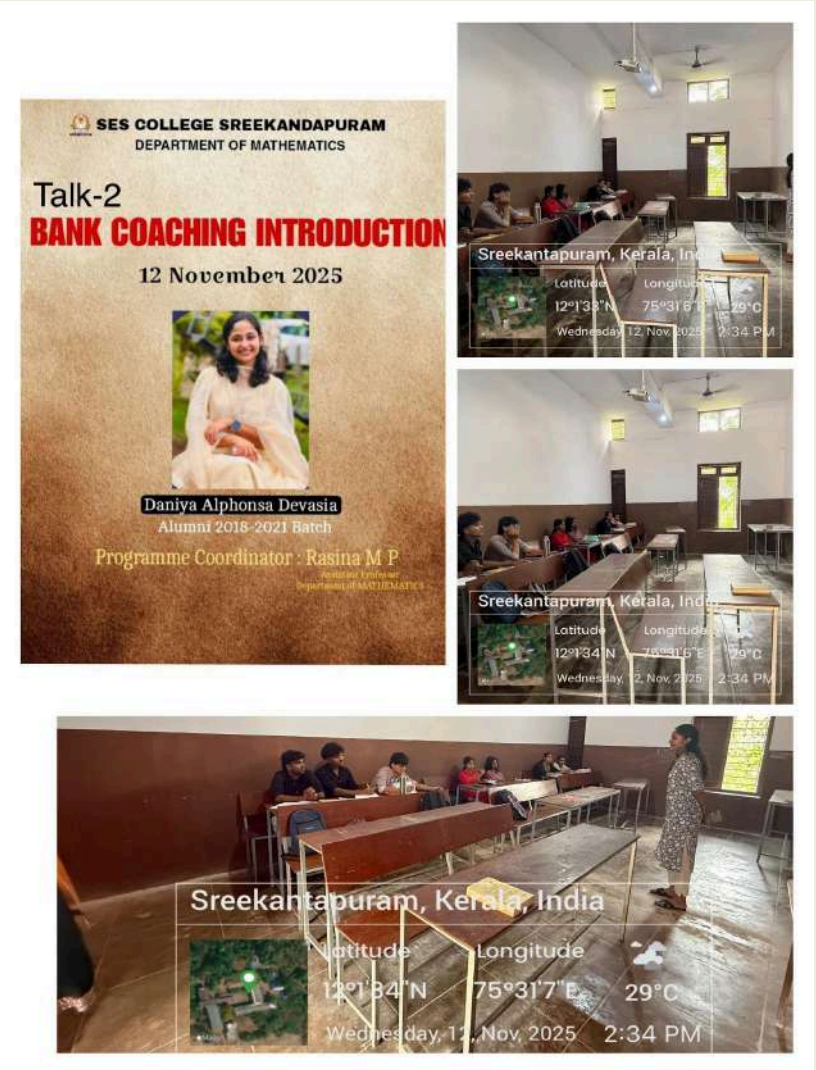
1. Students gained a clear understanding of exam patterns, eligibility requirements, and selection procedures for banking roles.
2. Participants recognized the value of applying mathematical concepts to quantitative aptitude tests.
3. Current students received first-hand guidance on time management, reference materials, and preparation strategies.
4. The interaction strengthened the departmental alumni network and promoted peer-led career guidance.
5. Students were inspired to set structured career goals toward public and co-operative banking services.

Bank Coaching Introduction -Alumni Talk 2

The Department of Mathematics conducted the second edition of the alumni interaction series titled *"Talk-2: Bank Coaching Introduction"* on **12th November 2025** at 2:30 PM. The guest speaker was prominent alumna Ms. Daniya Alphonsa Devasia (2018-2021 Batch), who is actively undergoing specialized bank coaching and civil/competitive exam preparation. Coordinated by Ms. Rasina M P, Assistant Professor, Department of Mathematics, the talk focused on systematic strategies for cracking nationalized banking exams (such as IBPS, SBI, and RRB). Ms. Daniya outlined section-wise preparation methods, focusing on quantitative aptitude, logical reasoning, and time-bound problem-solving. She addressed common challenges faced during competitive exam preparation and shared valuable techniques for maintaining focus, selecting quality study materials, and taking mock tests effectively. **7 students** participated from our department.

Objectives

1. To familiarize students with the competitive structure and syllabus of major national banking examinations.
2. To provide actionable guidance on section-wise preparation, focusing on quantitative reasoning and speed math techniques.
3. To share effective strategies for utilizing coaching resources, mock examinations, and self-study modules.
4. To create awareness about diverse entry-level officer and clerk positions available across nationalized and private banks.
5. To encourage a disciplined, long-term mindset required for cracking competitive recruitment exams.



Expected Outcomes

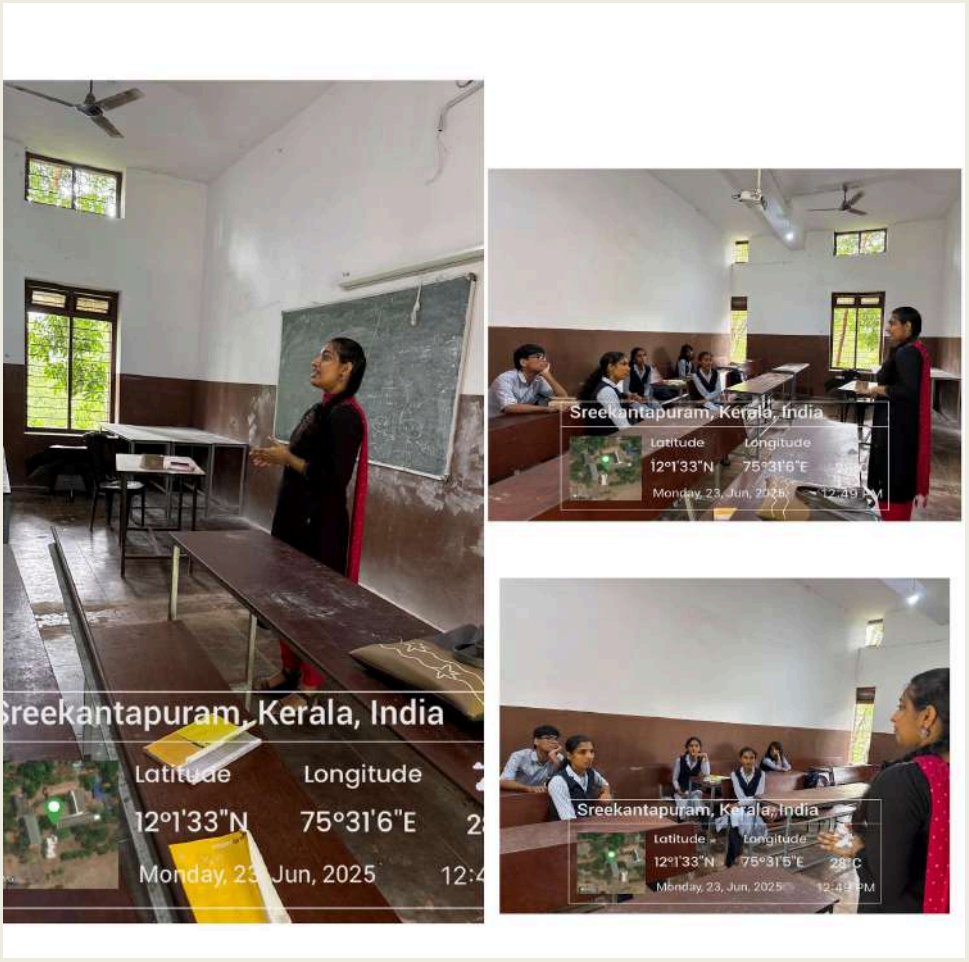
1. Students acquired structured insights into preparing for quantitative aptitude and reasoning sections of competitive tests.
2. Participants learned practical techniques for speed calculation, accuracy, and efficient time management during exams.
3. Increased awareness regarding available bank coaching resources, digital test series, and self-assessment methods.
4. Outgoing students felt motivated to initiate systematic banking examination preparation alongside their degree.
5. The session reinforced institutional bonds by connecting current batches with successful, driven alumni.

PG Entrance Exam Coaching - Alumni Talk 3

The Department of Mathematics hosted an insightful Alumni Session on **23rd June 2025** at 12:00 PM focusing on higher education pathways and advanced mathematical studies. The talk was delivered by alumna Ms. Anagha C. V.(2019-22 batch), who is currently pursuing her Post Graduation in Mathematics while preparing for national-level competitive examinations such as JAM, GATE, and university entrance tests. Ms. Anagha shared detailed perspectives on selecting appropriate specialization areas in higher mathematics, navigating postgraduate curricula, and preparing simultaneously for national competitive exams. She highlighted how a strong foundation in core undergraduate topics—such as Real Analysis, Abstract Algebra, and Differential Equations—is essential for clearing higher education entrance assessments and building a research orientation. **13 students** participated from our department.

Objectives

1. To inform undergraduate students about higher education opportunities, master's degree specialization options, and premier academic institutions in mathematics.
2. To provide orientation and strategies for preparing for national-level competitive examinations (e.g. GATE, JAM, and PG Entrance Tests).
3. To emphasize the importance of mastering core undergraduate mathematical theories as a prerequisite for advanced study.
4. To guide students on balancing university postgraduate academic requirements with competitive examination preparation.
5. To foster academic ambition and research interest among mathematics undergraduates.



6. **Expected Outcomes:**

1. Students gained comprehensive knowledge regarding PG entrance examination structures, syllabi, and application timelines.
2. Participants developed a clearer understanding of the academic standards and expectations of postgraduate mathematics programs.
3. Students were motivated to strengthen their conceptual understanding of core undergraduate modules to prepare for future academic challenges.
4. Outgoing students received useful recommendations on reference textbooks, study materials, and self-study schedules.
5. Enhanced academic mentorship and guidance channels were established between current students and postgraduate alumni.

PG Entrance Exam Coaching -Alumni Talk 4

The Department of Mathematics organized an interactive session on academic progression and higher study opportunities led by distinguished alumna Ms. Ashna Girish(2020-23 batch) on **27th june 2025** at 3.00 PM. Ms. Ashna, currently pursuing her Master's degree in Mathematics while actively preparing for competitive higher education and teaching eligibility examinations, addressed the undergraduate students on navigating transitions into higher academia. She discussed the scope of higher mathematics in academia, research institutes, and technical fields. During her presentation, she detailed structured study routines, analytical problem-solving methodologies for advanced mathematics, and strategies to approach conceptual questions in competitive tests. The session concluded with an active Q&A, where students sought advice on choosing postgraduate programs and research avenues.**11 students** participated from our department.



Objectives

1. To highlight academic progression avenues, postgraduate opportunities, and research scopes in mathematics.
2. To familiarize students with national eligibility and competitive tests required for research fellowships and academic lectureships.
3. To offer practical guidance on effective study techniques, problem-solving habits, and conceptual learning in advanced mathematics.
4. To inspire students to aim for higher academic excellence and consider research and teaching careers.
5. To strengthen institutional linkages and peer-to-peer mentorship through real-world academic success stories.

Expected Outcomes:

1. Improved clarity among students regarding diverse postgraduate programs, research opportunities, and academic career paths.
2. Enhanced understanding of how to prepare systematically for national-level eligibility and entrance examinations.
3. Greater appreciation of analytical thinking and conceptual clarity required for advanced mathematical problem-solving.
4. Increased confidence among students to pursue higher degrees and competitive academic certifications post-graduation.
5. Sustained engagement and collaboration between the department and its alumni network in fostering academic success.

Industrial Visit to Malbar Honey & Food Park (P) Ltd.

The department organized an Industrial Visit to Malbar Honey & Food Park (P) Ltd., Kannur, Kerala, on **9th February 2026** at 1:30 PM. The primary goal of the visit was to provide students with practical exposure to industrial operations, processing technology, and quality management systems within the food processing sector. During the visit, company personnel guided the students through various stages of production, including raw material collection, processing using large-scale stainless steel filtration and storage tanks, packaging, and quality testing procedures. The students also received live demonstrations regarding apiculture, beehive management, and honey extraction techniques. The interactive session with industry technical experts allowed students to bridge theoretical classroom knowledge with real-world industrial practices, operational workflows, and commercial food technology standards. 9 **students** participated from our department.

Objectives:

1. To provide students with hands-on exposure to industrial-scale processing, filtration, and packaging operations in the food industry.
2. To demonstrate practical apiculture techniques, beehive maintenance, and honey extraction methods.
3. To familiarize students with quality assurance, hygienic handling, and standard operating procedures in food manufacturing.
4. To bridge the gap between academic curriculum concepts and real-world industrial applications through direct interaction with technical staff.
5. To promote operational awareness, industrial etiquette, and safety management among participating students.



Expected Outcomes:

1. Practical understanding of large-scale manufacturing processes, machinery operations, and quality control systems.
2. Direct knowledge of apiculture, honey processing methods, and commercial food production workflows.
3. Enhanced capability to connect theoretical concepts with industrial and technological applications.
4. Increased interest in industrial research, food technology, and entrepreneurship opportunities in agro-based industries.
5. Improved observation, analytical skills, and professional readiness for career paths in production and industry setup.

Extension Activity 1: Social Interaction and Educational Outreach at San Georgia Special School

As part of its social outreach initiatives, the Department of Mathematics, S E S College Sreekandapuram, organized an educational and social interaction visit to San Georgia Special School, Sreekandapuram on **8th December 2025** at 2:30 PM. Led by faculty member Adithya V (Assistant Professor on Contract, Department of Statistics) along with student volunteers, the team engaged with the special school children through creative art sessions, coloring activities, and interactive games. The program aimed to spread joy, offer emotional support, and encourage the creative expressions of children with special needs in an inclusive, compassionate environment. **8 students** participated from our department.

Objectives

1. To engage with special school children through inclusive creative activities, coloring, and interactive games.
2. To foster empathy, social awareness, and community responsibility among undergraduate college students.
3. To provide emotional encouragement and joyful learning experiences to children with special needs.
4. To strengthen institutional ties between S E S College and local special education facilities.
5. To encourage student volunteers to contribute actively toward inclusive social development.



Expected Outcome

1. The special school children enjoyed an engaging, uplifting day filled with artistic and recreational activities.
2. Student volunteers developed deeper social empathy, emotional maturity, and community awareness.
3. The interactive session promoted inclusive learning and positive behavioral encouragement for the children.
4. The initiative successfully highlighted the department's commitment to social responsibility and compassionate outreach.
5. Established a meaningful, ongoing relationship between the department and San Georgia Special School for future welfare activities.

Extension Activity 2: Community Academic & Learning Outreach (School Engagement)

The Department of Mathematics at S E S College Sreekandapuram conducted a interactive community learning and academic extension activity at a local school on **7th January 2026** at 1:30 PM. Department faculty and student volunteers organized structured hands-on learning stalls, activity-based demonstrations, and interactive peer sessions for young school students. The event focused on making learning fun and engaging by integrating visual aids, creative models, and group activities to stimulate academic curiosity among school children.

Objectives

1. To make learning engaging and accessible through practical demonstrations, visual aids, and interactive activities.
2. To enhance foundational conceptual understanding and curiosity among young school students.
3. To provide college students with practical experience in academic outreach, mentorship, and activity facilitation.
4. To support local school education by sharing creative academic tools and learning techniques.
5. To promote community-level academic interaction between higher education institutions and local schools.



Expected Outcome

1. School students actively participated in hands-on activities, gaining enhanced enthusiasm for learning.
2. The interactive stall setup helped simplify concepts through creative visual representation.
3. Participating college students honed leadership, group management, and public communication skills.
4. The host school appreciated the department's effort to make learning interactive and approachable.
5. Successfully strengthened community engagement and peer-mentorship initiatives of the department.

Extension Activity 3: Workshop on Kerala PSC One Time Registration (Thulasi Portal)

The Department of Mathematics, S E S College Sreekandapuram, organized a hands-on community guidance workshop on Kerala Public Service Commission (PSC) One Time Registration using the Thulasi portal on **4th February 2026** at 12:00 PM in the SES College Seminar Hall. The workshop aimed to assist students and local youth in navigating the official Kerala PSC portal, filling out profile details correctly, uploading required documents, and understanding application procedures for government job notifications. Faculty and student coordinators guided participants step-by-step through live portal demonstrations, addressing queries and ensuring successful profile creation.

Objectives:

1. To provide practical, step-by-step guidance on creating and managing Kerala PSC One Time Registration profiles on the Thulasi portal.
2. To educate participants on document verification, profile updates, and navigating government job notifications.
3. To enhance digital literacy and administrative self-reliance among students and local youth applying for public sector roles.
4. To minimize errors in online application submissions through direct, hands-on assistance.
5. To promote career readiness and awareness of employment avenues within state government services.



Expected Outcome

1. Participants successfully gained hands-on experience and completed/updated their Kerala PSC Thulasi profiles correctly.
2. Increased digital confidence and procedural clarity regarding public service exam applications.
3. Reduced reliance on external computer centers for routine registration and application processes.
4. High participant engagement and positive feedback regarding the clarity and utility of the practical session.
5. Fulfilled the department's commitment to career empowerment and community-focused digital skill extension.

A Talk on "Curiosity to Clarity: Where Do We Use Mathematics?"- MOU

The Department of Mathematics at S E S College Sreekandapuram, in collaboration with Sir Syed College, organized a talk in association with "MATHSEON" titled "Curiosity to Clarity: Where Do We Use Mathematics?" on **9th February 2026** at 10:00 AM in the Seminar Hall, Sir Syed College, Taliparamba. The session was mentored by Aarathi T, Research Fellow at the Department of Mathematics, NIT Calicut, and alumnus of Sir Syed College. The talk focused on real-world applications of mathematical concepts, bridging pure academic theory with practical usage across technology, science, and industry. Additionally, the mentor highlighted success stories of alumni pursuing higher studies and research at prestigious institutes such as IITs, IISERs, NITs, and Central Universities. The interactive session motivated students to appreciate the practical value of mathematics and explore diverse career and research opportunities. **51 students** participated from both department.

Objectives

1. To demonstrate the real-world utility and practical applications of mathematical principles across various domains.
2. To bridge the gap between abstract academic concepts and real-world implementation.
3. To inspire undergraduate students to pursue higher education and research at premier national institutions.
4. To provide career guidance through success stories and mentorship by an active researcher and alumnus.
5. To promote collaborative academic activities between S E S College and Sir Syed College.



Expected Outcomes

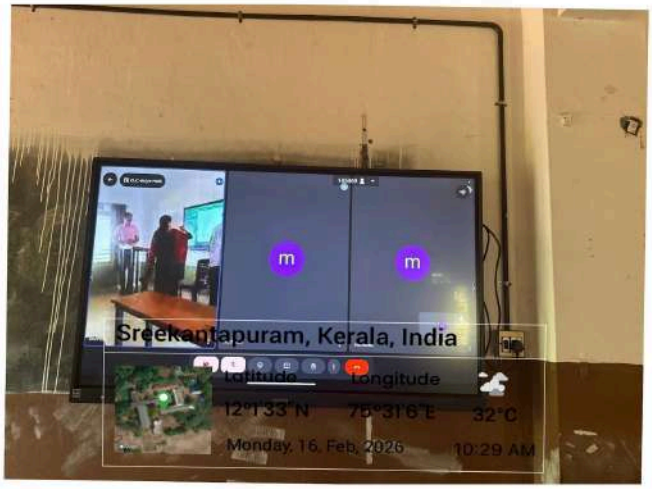
1. Greater clarity and appreciation among students regarding the practical applications of mathematics.
2. Enhanced awareness of research pathways, competitive examinations, and higher education opportunities in top-tier institutes.
3. Increased academic motivation and analytical curiosity among undergraduate participants.
4. Stronger collaborative linkages and academic exchange between the participating colleges.
5. Improved student readiness to plan strategic goals for higher studies and professional development.

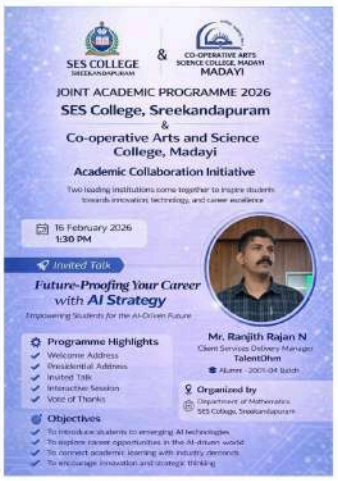
Future-Proofing Your Career with AI Strategy-MOU

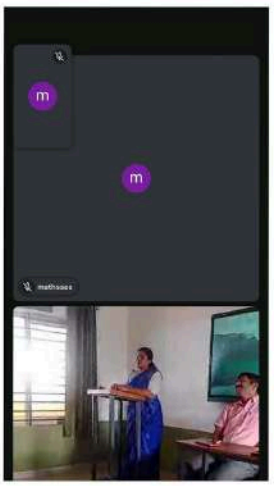
The Department of Mathematics at S E S College, Sreekandapuram, in collaboration with Co-operative Arts and Science College, Madayi, organized a Joint Academic Programme as part of an Academic Collaboration Initiative on **16th February 2026** at 10:30 AM. This specialized programme was **conducted online** and featured an Invited Talk titled "Future-Proofing Your Career with AI Strategy: Empowering Students for the AI-Driven Future". The key resource person for the session was Mr. Ranjith Rajan N, Client Services Delivery Manager at TalentOhm and an alumnus of the 2001-04 batch. The session included a welcome address, presidential address, invited talk, interactive session, and vote of thanks. The resource person delivered an engaging presentation on leveraging emerging artificial intelligence technologies to meet current industry demands and navigate evolving career landscapes. Students and faculty actively participated in the interactive session, making the collaborative initiative a meaningful learning experience.

Objectives

1. To introduce students to emerging AI technologies and their transformative impact on modern industries.
2. To explore career opportunities and strategic pathways within the AI-driven world.
3. To connect academic learning with real-world industry demands through expert insights.
4. To encourage innovation, critical thinking, and strategic career planning among participants.
5. To foster inter-institutional academic collaboration between S E S College, Sreekandapuram, and Co-operative Arts and Science College, Madayi.







Expected Outcomes

1. Enhanced awareness among students regarding current trends and applications in artificial intelligence.
2. Better clarity on aligning academic skill sets with industry requirements and AI-focused roles.
3. Increased motivation to pursue continuous skill development and strategic career planning.
4. Strengthened academic ties and collaborative initiatives between the participating institutions.
5. Improved student readiness to adapt to technological shifts and workplace expectations.

Seminar on SWAYAM Courses (MoU)

The Department of Mathematics at SES College, Sreekandapuram, in an active academic collaboration with MG College, Iritty, successfully hosted an informative seminar focused entirely on navigating SWAYAM online learning courses on Wednesday, **22nd October 2025** at 01:00 PM. This programme was specifically conducted for the B.Sc. Mathematics students of SES College. The resource person, Dr. Biju Mon R, delivered an illuminating session guiding students through the vast ecosystem of digital learning platforms, professional certifications, and strategic academic credit transfers. The collaborative session experienced highly active student participation, sparking vibrant discussions centered around digital education advancement and expanding academic horizons outside traditional classrooms. **12 students** participated from our department.

Objectives

1. To thoroughly familiarize undergraduate students with the SWAYAM platform architecture and its diverse online course portfolio.
2. To educate participants on leveraging digital certifications for official academic credit transfers and self-paced qualifications.
3. To promote autonomous learning habits alongside existing university mathematical curriculum structures.
4. To expand cross-institutional academic partnerships and student exchange benefits between SES College and MG College, Iritty.



Expected Outcomes:

1. Students achieved comprehensive operational clarity on registering, navigating, and completing SWAYAM modules.
2. Learners successfully recognized strategic pathways to align specific e-learning courses with their personal career aspirations.
3. Sparked strong motivation among attendees to utilize national open-source digital portals for flexible professional upskilling.
4. Enhanced collaborative educational synergy and inter-collegiate knowledge sharing between the participating institutions.

Seminar on Linear Algebra in Real Life (MoU)

The Department of Mathematics organized an insightful seminar on "Linear Algebra in Real Life" as part of the ongoing academic MoU collaboration on Wednesday, **28th January 2026** at 11:00 AM. This specialized academic programme was explicitly conducted for the B.Sc. Mathematics students of MG College, Iritty, following the official inauguration of their Mathematics Association Day, "ESPOIR," at 10:00 AM. Assistant Professor Silja C from SES College, Sreekandapuram, conducted the class as the expert resource person, delivering a comprehensive lecture and interactive session detailing the real-world applications, algebraic frameworks, and practical utility of linear algebra in modern technology and data systems. The event observed active and enthusiastic engagement from the participating students, fostering an inspiring atmosphere that linked theoretical matrix algebra concepts directly with advanced mathematical analytical skills.

Objectives

1. To officially inaugurate the Mathematics Association activities and foster a sense of academic community among students.
2. To guide undergraduate students in bridging the gap between classroom linear algebra theories and practical, real-world analytical applications.
3. To inspire young minds to explore cross-disciplinary pathways, advanced studies, and research opportunities in applied mathematics.
4. To strengthen collaborative institutional ties and expand academic outreach channels for the faculty of SES College.



Expected Outcomes

1. Successfully delivered high-quality, practical mathematical instruction to partner institution students, enhancing their conceptual field knowledge.
2. Demonstrated the real-world value of pure mathematics, raising student motivation to look beyond standard university curriculum boundaries.
3. Provided our department faculty with an impactful platform for professional extension work and cross-institutional peer engagement.
4. Reinforced the operational success of the MoU, setting a solid baseline for future joint student workshops, seminars, and academic exchanges.

Convocation Ceremony 2025

The institution organized the Convocation Ceremony on **24th November 2025** in Sreekandapuram, Kerala, to honor and celebrate the academic achievements of its graduating students. The formal ceremony brought together dignitaries, faculty members, and graduates adorned in academic regalia. The event commenced with an academic procession, followed by formal addresses from the chief guests and institutional leadership highlighting the significance of academic excellence, ethical responsibility, and lifelong learning. Degrees and academic certificates were formally conferred upon the graduates, recognizing their perseverance and dedication. The ceremony provided a memorable milestone for students and faculty alike, concluding with a formal vote of thanks and a sense of institutional pride.



Objectives

1. To formally confer degrees and academic honors upon eligible graduating students in recognition of their academic accomplishments.
2. To celebrate students' academic dedication, perseverance, and institutional contributions alongside faculty, peers, and families.
3. To inspire graduates through keynote addresses from distinguished guests as they transition into professional and higher academic domains.
4. To reinforce core ethical values, social responsibility, and professional integrity among outgoing graduates.
5. To strengthen institutional traditions and foster an enduring sense of community and alumni connection.

Expected Outcomes

1. Formal recognition and successful graduation of students across academic programs.
2. Enhanced sense of pride, motivation, and achievement among graduates, faculty, and institutional stakeholders.
3. Increased commitment among graduates to uphold professional standards and contribute positively to society.
4. Strengthening of the institutional alumni network through formal farewell and transition activities.
5. Preservation and enhancement of institutional academic culture and ceremonial traditions.