Mathematics & Statistics Club Inauguration

On September 13, 2022, the Mathematics & Statistics Club was officially inaugurated, marking a significant milestone in the academic activities of the Mathematics Department. The event was graced by the esteemed presence of Mr. Abdul Rof V, Head of the Department of Mathematics, who served as the chief guest for the occasion.

The program commenced with a welcome speech delivered by the coordinator, Ms. Ashitha P A, who warmly welcomed all the attendees and emphasized the importance of the club in fostering a deeper understanding of mathematics and statistics among students. She also outlined the vision and objectives of the club, which aims to provide a platform for students to explore and engage with mathematical concepts beyond the regular curriculum.

Following the welcome address, Mr. Abdul Rof V officially inaugurated the club by lighting the ceremonial lamp. In his inaugural speech, he highlighted the pivotal role that mathematics and statistics play in various fields and encouraged students to actively participate in the club's activities to enhance their analytical and problem-solving skills. He also appreciated the efforts of the organizers in establishing the club and assured his full support for its future endeavors.

The joint coordinator, Ms. Farsana M, then took the stage to provide an overview of the upcoming events and activities planned for the academic year. She emphasized that the club would not only focus on academic enrichment but also on organizing workshops, seminars, and competitions that would stimulate interest and creativity among students.

The event concluded with a vote of thanks, where the contributions of everyone involved in making the inauguration a success were acknowledged. The inauguration ceremony was a resounding success, and it set a positive tone for the activities that the Mathematics & Statistics Club will undertake in the coming months.

KAHM Unity Women's College, Manjeri

Programme Report

(The format is prepared and circulated by IQAC)

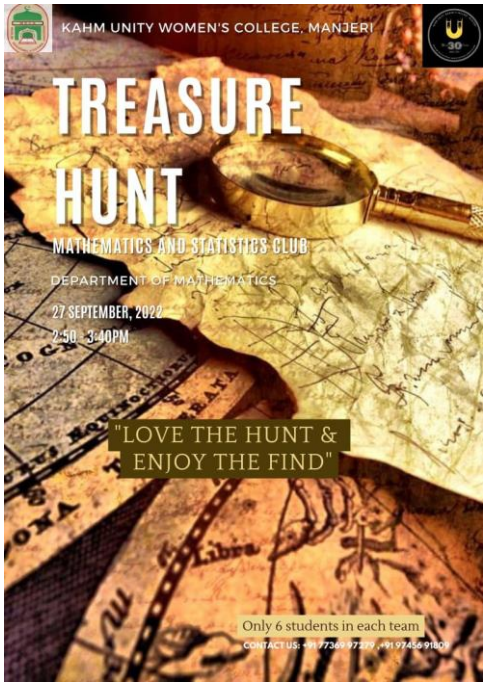
1.Name of the programme	Treasure Hunt
2.Aim, Objectives, and Scope of the programme	The aim of the Mathematics and Statistics Club's Treasure Hunt Event was to promote teamwork and problem-solving skills among students from various departments. The event was designed to encourage students to use their critical thinking skills to solve a series of clues and challenges, which were hidden throughout the campus. Objective: The objective of the event was to provide students with a fun and engaging way to apply the mathematical and statistical concepts they had learned in their courses to real-world problems. The event aimed to promote collaboration and team-building skills among participants from different academic backgrounds. Scope: The event was open to all students from eight different departments who were interested in participating in a team-based competition. The participants had to solve a series of mathematical and statistical problems and puzzles, which were hidden throughout the campus. The event was limited to a single day and was held entirely within the campus.
3.Name of the coordinator/organizing secretary	1. Ashitha P A 2. Farsana M
4.Date of programme	27/09/2022
5.Mode of the programme(offline/online)	Offline

6.Total number of attendees/participants	48
7.Organizing body	Mathematics & Statistics Club
8.Organizing committee members	1. Fanu Rasli
9.Students' involvement in organizing the programme	1. Coordinating the event 2. Promoting the event through various channels, such as social media and posters 3. Providing technical support during the event
10.Detailed report of the programme	On September 27th, the Mathematics and Statistics club organized a treasure hunt event for all departments at an undisclosed location within the campus. The event was open to all students, and a group of six students from eight different departments participated in the treasure hunt. The treasure hunt consisted of several clues that were hidden within the campus, and the participating teams were required to solve each clue to move on to the next one. The clues were designed to test the problem-solving skills and logical reasoning of the participants. The teams started off on an equal footing, but as they solved each clue, they gained an advantage over the other teams. The clues were challenging, and the teams had to work together and use their critical thinking skills to decipher them. The competition was fierce, and each team was determined to be the first to find the treasure. However, after several hours of searching and solving clues, it was the Chemistry department that emerged victorious. The team from the Chemistry department had shown exceptional teamwork, problem-solving skills, and tenacity in their quest for the treasure. They had worked together seamlessly and had managed to solve all the clues in record time.

	The members of the winning team were elated and proud of their achievement. They were awarded a trophy and a certificate of achievement for their outstanding performance. Overall, the treasure hunt event was a huge success, and it was a great opportunity for students to test their problem-solving skills and logical reasoning. It was also a fun way for students to interact with each other and to showcase their department's talents and abilities. The Mathematics and Statistics club did an excellent job in organizing the event, and it was a memorable experience for all the participants.
11.Feedback of the programme	Overall, the event received positive feedback from the participants. The participants appreciated the opportunity to apply their knowledge of mathematics and statistics to real-world problems. They also enjoyed the challenge of working with their peers from other departments, and they appreciated the opportunity to work as a team.
12.Feedback analysis	The feedback received from the participants suggests that the event was successful in achieving its objectives. The participants appreciated the opportunity to apply their mathematical and statistical knowledge to real-world problems, and they enjoyed the challenge of working as a team. However, some participants suggested that the event could have been better organized, with clearer instructions and more explicit rules.
13.Outcome, Evaluation, and results of the programme	After a series of challenging clues and puzzles, the team from the Chemistry department emerged as the winner of the treasure hunt event. The winning team received a prize and recognition for their outstanding performance in the competition. Overall, the Mathematics and Statistics Club's Treasure Hunt Event was successful in achieving its objectives. The event provided students with a fun and engaging way to apply their knowledge of mathematics and statistics to real-world problems. The event also promoted teamwork and collaboration among

	participants from different academic backgrounds. With some adjustments in the future, the event has the potential to be even more successful and engaging for future participants.
14.Signature of the organizing secretary	

Brochures and Photos

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KAHM Unity Women's College, Manjeri

Programme Report

(The format is prepared and circulated by IQAC)

1.Name of the programme	Integration Bee
2.Aim, Objectives, and Scope of the programme	The Integration Bee Competition, organized by the Department of Mathematics and the Mathematics and Statistics club, aimed to promote and celebrate mathematical excellence and integration skills among college students. The competition sought to provide a platform for students to showcase their mathematical talents and encourage interest in the field of mathematics. **Objectives:** 1. To identify and recognize outstanding mathematical talent among college students. 2. To promote the importance of mathematical skills and integration techniques. 3. To provide financial support to the competition through sponsorship from SBI Manjeri. 4. To encourage cross-college interaction and collaboration among mathematics enthusiasts. 5. To inspire students to pursue further studies and careers in mathematics. **Scope:** The competition was open to students from various colleges, allowing participants to demonstrate their integration prowess. It consisted of two rounds: an initial round to select the finalists and a final round where the top performers competed for the championship. The competition encouraged participants to engage in mathematical

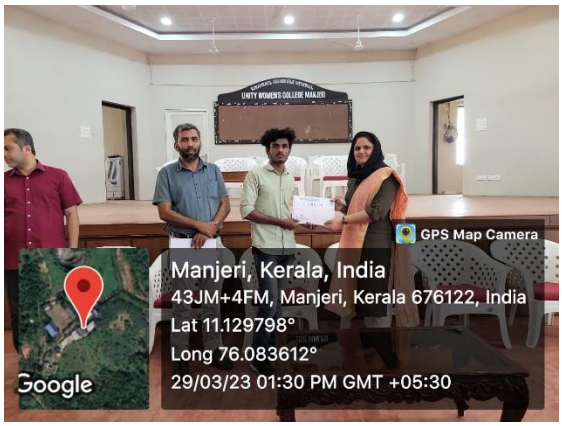
	problem-solving and fostered a spirit of healthy competition.
3.Name of the coordinator/organizing secretary	Ashitha PA
4.Date of programme	29/03/2023
5.Mode of the programme(offline/online)	Offline
6.Total number of attendees/participants	21
7.Organizing body	Department of Mathematics & Mathematics & Statistics Club
8.Organizing committee members	1. Asma Nufaila 2. Harsha 3. Ayisha Safa
9.Students' involvement in organizing the programme	4. Coordinating the event 5. Promoting the event through various channels, such as social media and posters 6. Providing technical support during the event
10.Detailed report of the programme	The Integration Bee Competition, held on 29th March 2023, unfolded as a riveting showcase of mathematical talent and problem-solving skills. It comprised two rounds, effectively narrowing down the field of participants from various colleges. First Round: The initial round featured 21 students from different colleges. This stage was designed to test their basic integration skills and weed out participants for the final round. Each contestant was presented with a set of integration problems that ranged in difficulty. The questions covered a variety of integration techniques, including basic substitution, integration by parts, trigonometric integrals, and more. The judges, led by Dr. Muhammed Abdul Khayyoom M, meticulously evaluated the solutions based on correctness, efficiency, and creativity. After this rigorous round, the five top-performing students emerged as finalists, and they proceeded to the final showdown.

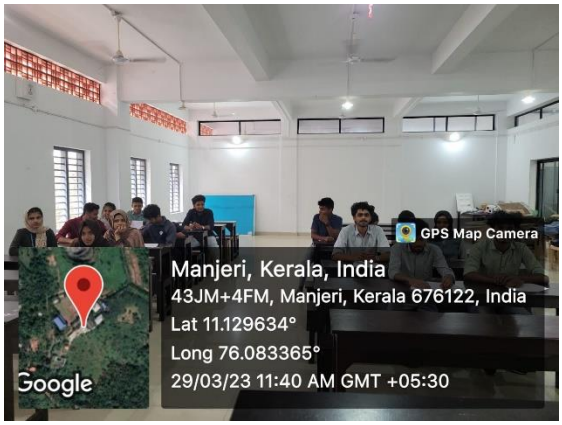
	Final Round: The final round showcased the exceptional talents of the five finalists, who were acknowledged for their extraordinary mathematical acumen: Manikandan A O from Government College Kondotty, Fasna K from Ambedkar College Wandoor, Rinsha Mundasseri from Ambedkar College Wandoor, Hijan P from MES Mampad College, Muhammed Shadil from MES Mampad College. Dr. Muhammed Abdul Khayyoom M, Assistant Professor of Mathematics at PTM Govt College Perinthalmanna, presided as the judge, ensuring fairness and precision in the competition. The final round of the competition was a challenging battle of mathematical wits, as the contestants faced complex integration problems that demanded deep understanding and innovative solutions. The atmosphere was charged with excitement and tension as the participants displayed their expertise, solving intricate mathematical integrals with confidence and skill. In the end, Hijan P of PSMO College emerged as the champion, showcasing unparalleled integration skills. His victory was celebrated as a testament to his dedication to mathematics and his ability to excel under pressure. As the winner, Hijan P was awarded a certificate of excellence and a cash prize of Rs. 3000, recognizing his outstanding performance. The other four finalists, Manikandan A O, Fasna K, Rinsha Mundasseri, and Muhammed Shadil, demonstrated remarkable talent and received consolation prizes of Rs. 500 each, acknowledging their commendable achievements in the competition.

	The audience and participants left the event inspired by the incredible mathematical talent on display and the spirit of competition that fostered an appreciation for mathematics. The competition achieved its aim of encouraging mathematical excellence and promoting the importance of integration techniques among college students, making it a resounding success.
11.Feedback of the programme	The competition received positive feedback from both participants and attendees. Participants expressed their enthusiasm for such events that allow them to showcase their mathematical abilities. Attendees appreciated the high level of competition and the opportunity to witness the talent of young mathematicians.
12.Feedback analysis	The positive feedback indicates that the Integration Bee Competition was well-received and achieved its intended goals. Suggestions for improvement and expansion include: 1. Increasing the number of participating colleges and students. 2. Incorporating more rounds or categories to accommodate a wider range of mathematical skills. 3. Enhancing publicity and awareness to attract a larger audience and potential sponsors. 4. Providing more opportunities for participants to interact with experienced mathematicians and educators. In conclusion, the Integration Bee Competition was a successful event that celebrated mathematical talent and inspired students to excel in the field of mathematics. With continued support and improvements, it has the potential to grow and have an even greater impact on the mathematical community.
13.Outcome, Evaluation, and results of the programme	The Integration Bee Competition successfully achieved its objectives: 1. Identified and recognized exceptional mathematical talent among college students.

	2. Promoted the importance of mathematical skills and integration techniques. 3. Secured financial support through sponsorship from SBI Manjeri. 4. Encouraged collaboration and interaction among students from different colleges. 5. Inspired students to pursue further studies and careers in mathematics.
14.Signature of the organizing secretary	

Brochure and Photos

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