

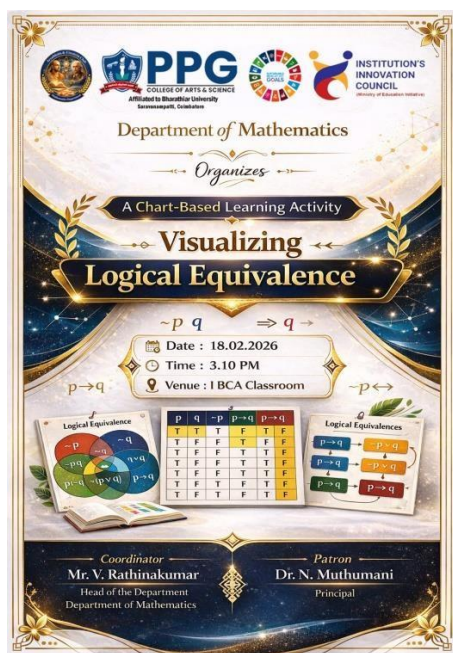
## Name of the Event : Visualizing Logical Equivalence

The Department of Mathematics, PPG College of Arts & Science, organized a chart-based learning activity titled “**Visualizing Logical Equivalence**” on 18 February 2026 at 3.10 PM in the I BCA Classroom.

The event aimed to help students understand logical equivalence through visual learning and collaborative presentation. Participants prepared and presented creative charts illustrating truth tables, logical statements, and equivalence transformations, promoting analytical thinking and conceptual clarity.

Students actively demonstrated various logical equivalence laws through charts, creating an interactive and engaging learning environment.

The programme was conducted under the guidance of **Mr. V. Rathinakumar, Head of the Department of Mathematics**, with the support of **Dr. N. Muthumani, Principal**. The event concluded successfully with enthusiastic student participation.



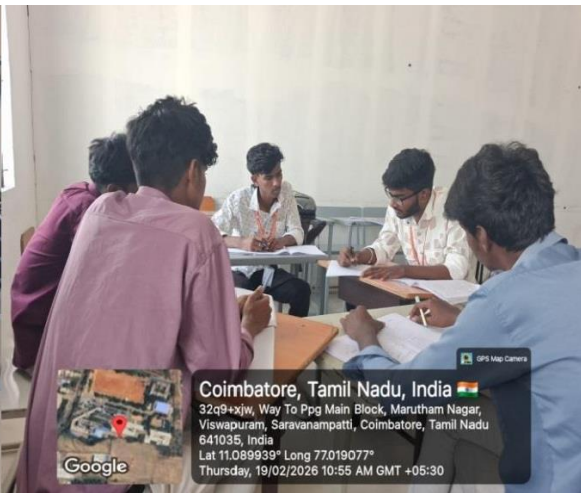
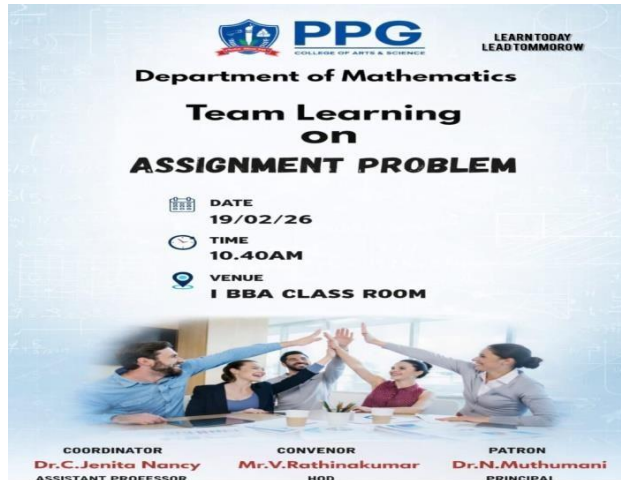


## DEPARTMENT OF MATHEMATICS- TEAM LEARNING

### Description

The Department of Mathematics at PPG College of Arts & Science conducted a Team Learning session on 19/02/26 at 10:40 a.m. in the I BBA classroom, focusing on the Assignment Problem, Hungarian Assignment Method, and Travelling Salesman Problem. Three teams participated, each working on two problems related to these topics. In every team, one leader was chosen to guide the group, while three other members learned the techniques with the leader's assistance.

The teams applied the Hungarian assignment method to solve an assignment problem and also explored the travelling salesman problem. The session emphasized collaborative learning of optimization techniques. The event was coordinated by Dr. C. Jenita Nancy, Assistant Professor, convened by Mr. V. Rathinakumar (HOD), and patronized by Dr. N. Muthumani, Principal.



## DEPARTMENT OF MATHEMATICS- GAME BASED LEARNING

### Description

Six students participated separately in the event, each engaging in an individual word-search game focused on Game Theory, organized by the Department of Mathematics, PPG College of Arts & Science. The sessions were held on 20 Feb 2026 at 2:40 p.m. in the I BBA classroom. Each participant improved their analytical skills by solving individual game-based puzzles. The event boosted their understanding of Game Theory concepts through interactive learning. The separate participation encouraged personalized engagement and self-paced problem solving. Overall, the outcome inspired the students to apply game-based methods in future mathematics projects. Participants appreciated the engaging format that made complex concepts feel approachable. The individual participation allowed for focused learning and self-assessment. Overall, it was a valuable experience that blended fun with mathematical strategy. The activities were coordinated by Dr. C. Jenita Nancy (Assistant Professor), with Mr. V. Rathinakumar, HOD, as the convenor, and Dr. N. Muthumani, Principal, as the patron.

**PPG**  
COLLEGE OF ARTS & SCIENCE

LEARN TODAY  
LEAD TOMMOROW

Department of Mathematics  
*Game Based Learning*  
on  
*Game Theory - WORD SEARCH*

**DATE**  
20/02/26

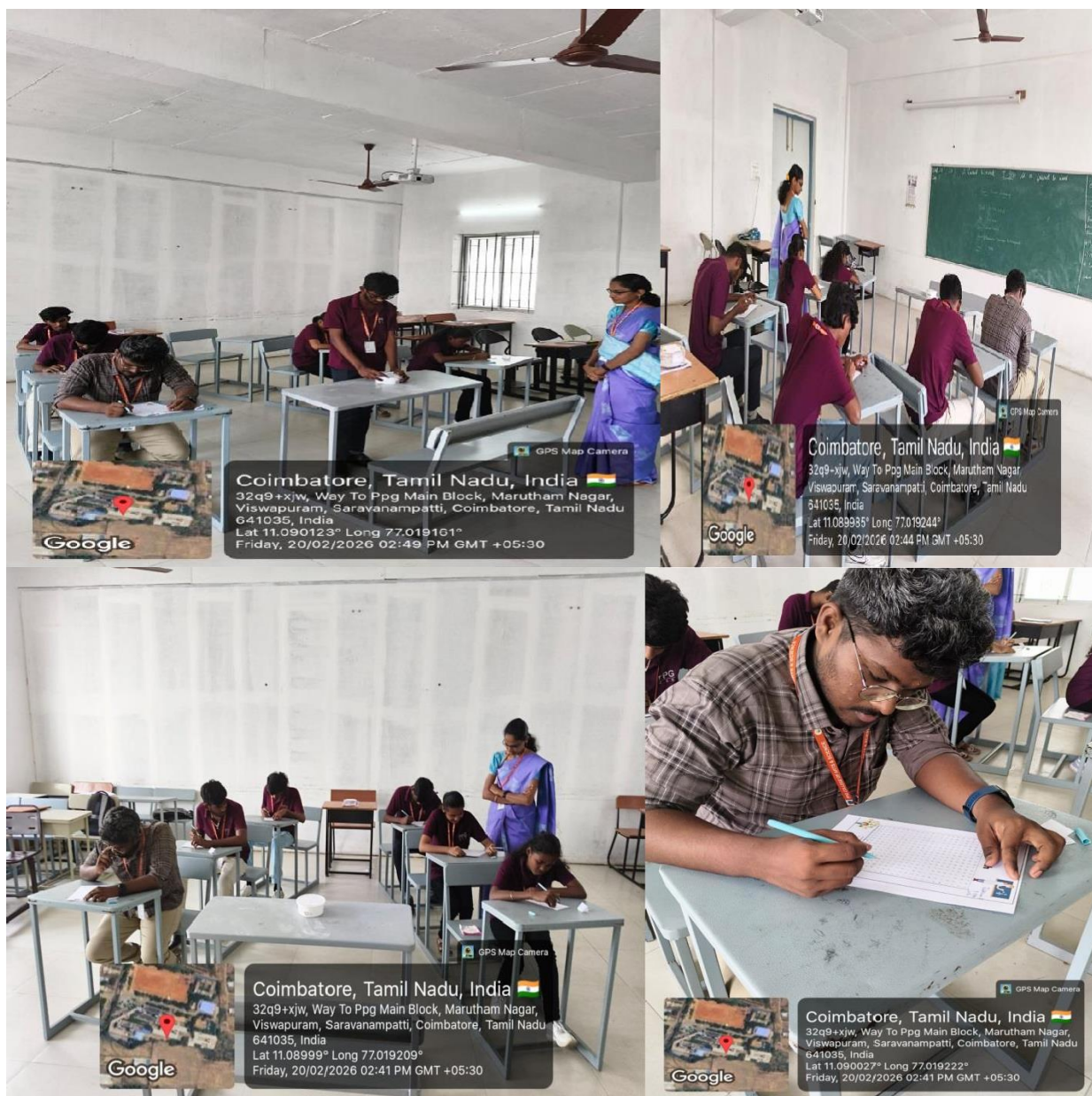
**TIME**  
2.40 p.m.

**I BBA CLASS ROOM**

**COORDINATOR**  
**Dr.C.Jenita Nancy**  
ASSISTANT PROFESSOR

**CONVENOR**  
**Mr.V.Rathinakumar**  
HOD

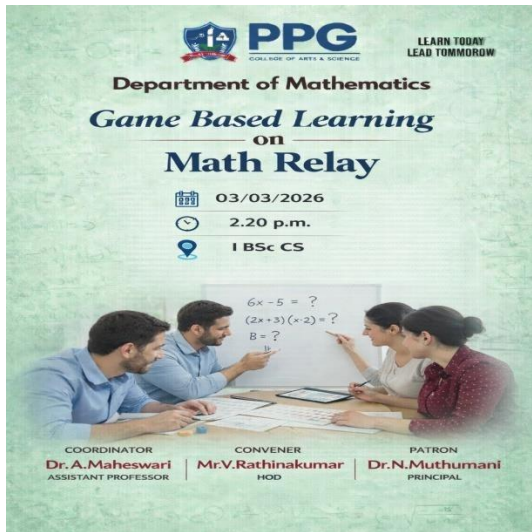
**PATRON**  
**Dr.N.Muthumani**  
PRINCIPAL



## DEPARTMENT OF MATHEMATICS LEARNING PROGRAMME

The Department of Mathematics, PPG College of Arts and Science, organized a Game Based Learning programme on “Math Relay” for I.B.Sc Computer Science students on 03.03.2026 at 2.20 p.m. The objective of the event was to enhance students’ logical thinking, problem-solving ability, and teamwork through an interactive mathematical activity. The students were divided into teams and participated in a relay-style competition where they solved mathematical problems within a stipulated time. The activity created an enthusiastic and engaging learning environment. Participants actively collaborated, discussed strategies, and completed the tasks with great interest. The programme was coordinated by Dr. A. Maheswari, Assistant Professor, under the guidance of Mr. V. Rathinakumar, Head of the Department. The event was conducted

successfully with the support and encouragement of Dr. N. Muthumani, Principal. The programme concluded successfully with positive feedback from the students..



## DEPARTMENT OF MATHEMATICS - GROUP DISCUSSION

### Description

The Group Discussion on CPM and PERT was highly productive and interactive. The session was held on 04 March 2026 at 09:45 a.m. in the I BBA classroom. Students actively participated in analyzing project scheduling techniques, identifying critical paths, and understanding time estimation methods. The session enhanced their conceptual clarity on project management tools and improved their analytical thinking and problem-solving skills. Participants were able to differentiate between CPM and PERT and apply the concepts to real-life project scenarios effectively. Students expressed that the discussion was engaging, informative, and well-structured. They appreciated the opportunity to share their ideas, clarify doubts, and learn collaboratively. The Group Discussion was successfully organized and achieved its intended objectives. The active involvement of students and effective coordination contributed to the smooth conduct of the program. Such interactive sessions are recommended in the future to strengthen subject knowledge and enhance communication skills among students. The activities were coordinated by Dr. C. Jenita Nancy (Assistant Professor), with Mr. V. Rathinakumar, HOD, as the convenor, and Dr. N. Muthumani, Principal, as the patron.

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LEARN TODAY  
LEAD TOMMOROW

**Department of Mathematics**  
**Group Discussion**  
**on**  
**CPM and PERT**

📅 04/03/2026  
🕒 9.45 a.m.  
📍 I BBA

COORDINATOR  
**Dr. C. Jenita Nancy**  
ASSISTANT PROFESSOR

CONVENER  
**Mr.V.Rathinakumar**  
HOD

PATRON  
**Dr.N.Muthumani**  
PRINCIPAL

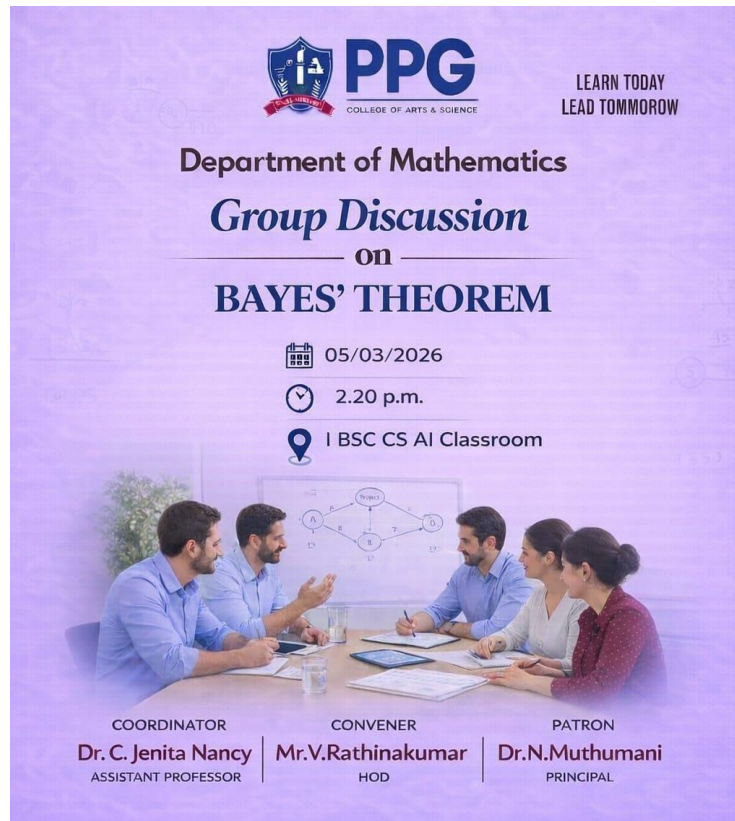


## DEPARTMENT OF MATHEMATICS - GROUP DISCUSSION

### Description

The Group Discussion on Bayes' Theorem was conducted successfully and received an enthusiastic response from the students. The session encouraged active participation and allowed students to share their ideas and understanding of the concept. Participants discussed the importance and real-life applications of Bayes' Theorem in areas such as statistics, data analysis, and artificial intelligence. The discussion helped students improve their analytical thinking and

communication skills. It also provided an opportunity for collaborative learning and knowledge exchange among the participants. Students appreciated the interactive nature of the session and found it useful for strengthening their conceptual understanding. The event created a positive academic environment that motivated students to explore mathematical concepts more deeply. Overall, the group discussion was informative, engaging, and beneficial for the students' academic development.



The poster features the PPG logo at the top left, with the text 'PPG COLLEGE OF ARTS & SCIENCE' and the motto 'LEARN TODAY LEAD TOMMOROW' at the top right. The main title is 'Department of Mathematics Group Discussion on BAYES' THEOREM'. Below the title, the date '05/03/2026', time '2.20 p.m.', and location 'I BSC CS AI Classroom' are listed with corresponding icons. The central image shows five people in a meeting around a table with a whiteboard displaying a probability tree diagram. At the bottom, the roles and names of the organizers are listed: Coordinator (Dr. C. Jenita Nancy, Assistant Professor), Convener (Mr. V. Rathinakumar, HOD), and Patron (Dr. N. Muthumani, Principal).

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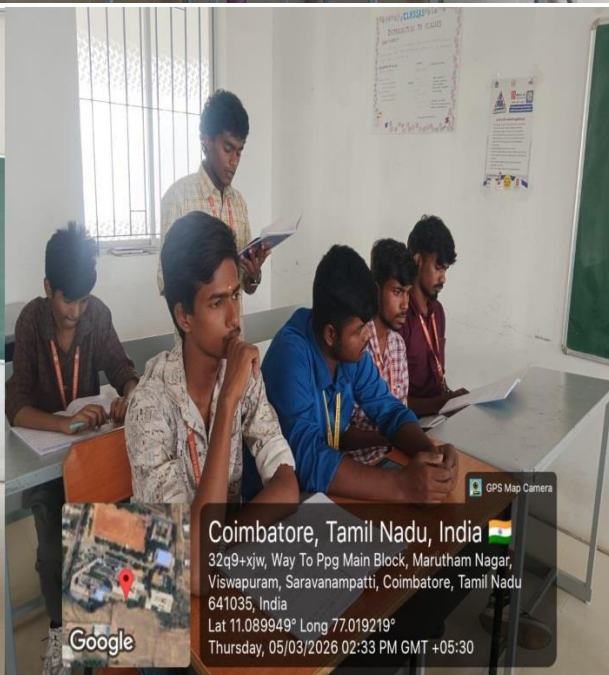
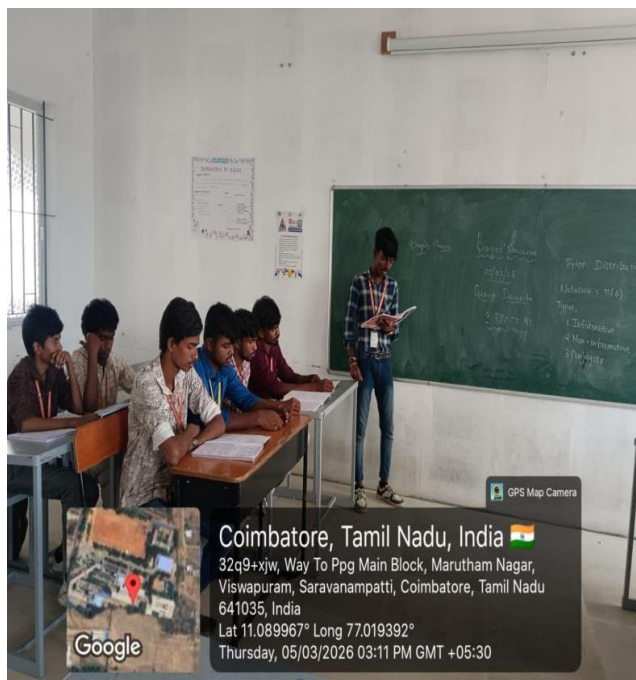
Department of Mathematics  
*Group Discussion*  
on  
**BAYES' THEOREM**

📅 05/03/2026  
🕒 2.20 p.m.  
📍 I BSC CS AI Classroom

COORDINATOR  
**Dr. C. Jenita Nancy**  
ASSISTANT PROFESSOR

CONVENER  
**Mr. V. Rathinakumar**  
HOD

PATRON  
**Dr. N. Muthumani**  
PRINCIPAL



## DEPARTMENT OF MATHEMATICS – TEAM LEARNING

### Description

The Team Learning session on Estimations organized by the Department of Mathematics at PPG College of Arts and Science was conducted successfully on 12 March 2026 at 2.20 p.m. in the I B.Sc CS AI Classroom. The session encouraged collaborative learning among students and helped them understand the concept of estimations through group interaction and discussion. Students actively participated in the activity and worked together to solve estimation-based problems. The session created an engaging learning environment where students shared ideas, clarified doubts, and improved their problem-solving skills. The team-based approach enhanced communication, analytical thinking, and cooperation among the participants. The event was effectively coordinated by Dr. C. Jenita Nancy, Assistant Professor, under the guidance of Mr. V. Rathinakumar, Head of the Department, and Dr. N. Muthumani, Principal. Overall, the session was informative, interactive,

and beneficial for the students, helping them strengthen their understanding of estimation techniques in mathematics.

**PPG** COLLEGE OF ARTS & SCIENCE  
LEARN TODAY  
LEAD TOMMOROW

Department of Mathematics  
**Team Learning**  
on  
**ESTIMATIONS**

12/03/2026  
2.20 p.m.  
BSC CS AI Classroom

**COORDINATOR**  
Dr. C. Jenita Nancy  
ASSISTANT PROFESSOR

**CONVENER**  
Mr.V.Rathinakumar  
HOD

**PATRON**  
Dr.N.Muthumani  
PRINCIPAL

