



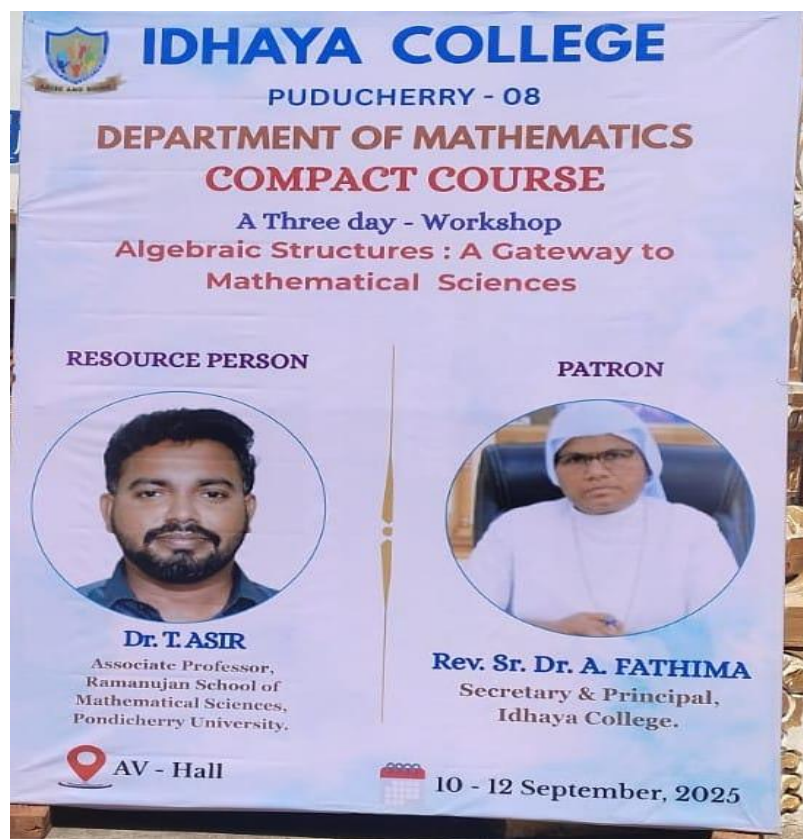
IDHAYA COLLEGE FOR ARTS & SCIENCE FOR WOMEN
Pakkamudayanpet, Puducherry -08

DEPARTMENT OF MATHEMATICS

DATE: 10-09-2025 to 12-09-2025

VENUE: AV Room

A three-day compact course workshop on '**Algebraic Structures: A Gateway to Mathematical Sciences**' was held from 10th to 12th September 2025 in the AV Room, organized by the Department of Mathematics.



DAY 1

The inaugural ceremony commenced at 10:30 AM with the Chief Guest, Dr. T. Asir, Associate Professor, Ramanujan School of Mathematical Sciences, Pondicherry University.

The traditional lamp lighting ceremony was held in the presence of the Chief Guest, Head of the Department, and staff.



The lamp was lit by Mrs. R.R. Sweetline (Head & Assistant Professor)

The welcome address was delivered by Dr. A. Rosa Mystica (Assistant Professor), which made the session engaging and interesting.



The welcome address was delivered by Dr. A. Rosa Mystica, Assistant Professor.

The Chief Guest was honoured with a shawl and a memento by Mrs. R.R. Sweetline (Head, Department of Mathematics) and Mrs. J. Dhakshayani (Assistant Professor).



The Chief Guest was honoured with a shawl and a memento.

Session 1 & 2: The resource person introduced different types of functions, including continuous and discrete functions, and explained volume-related formulas. He emphasized logical understanding and practical applications rather than rote memorization.



The students are listening to the resource person's speech.

Session 3: The afternoon session focused on integration and its applications, along with binary and non-binary operations, helping students gain theoretical and practical clarity.

DAY 2

Session 1 & 2: The resource person explained how the volume formulas of three-dimensional shapes can be derived from two-dimensional concepts. He also provided valuable guidance on fellowship and scholarship opportunities such as NBHM, Inspire Fellowship, SHE, RGNF, and Single Child Fellowship.



The students are listening to the resource person's speech.

Additionally, he discussed fundamental concepts in Mathematics, including groups, axioms, and the Fundamental Theorem of Algebra.

Session 3: The afternoon session covered Ring Theory and Groupoid, where the resource person gave detailed explanations and helped participants explore abstract aspects of Algebra.

DAY 3

Session 1 & 2: The third day began with advanced Mathematical concepts, including matrices, vectors, inverses, and functions. The resource person emphasized logical connections between different mathematical concepts.

Session 3: A quiz competition was conducted to test the knowledge gained by the students. This created an interactive and competitive environment. Following the quiz, students shared their feedback and participated in a Q&A session with the resource person, further deepening their understanding.



The students shared their feedback.

Prizes were distributed to the winners of the quiz competition, and certificates were awarded to all participants. The resource person delivered an inspiring address, highlighting the importance of Mathematics in both academics and real life, encouraging students to approach the subject with logic and curiosity.



Prizes were distributed to the winners of the quiz competition.

CHIEF GUEST ADDRESS

The resource person delivered an inspiring address, highlighting the importance of mathematics in both academics and real life situations. He highlighted that Mathematics should be understood logically rather than memorized blindly. His inspiring words encouraged the students to approach the subject with curiosity and confidence.



Chief Guest Address by Dr. T. Asir

CERTIFICATES DISTRIBUTION

Certificates were distributed to all the participants by the Chief Guest, acknowledging their successful completion of the seminar workshop.



The Certificates were distributed by the Chief Guest.

The event concluded with a vote of thanks delivered by Ms. N. Pooja, a third-year mathematics student. The workshop ended successfully with the cooperation of all students and staff.



Vote of Thanks was proposed by N. Pooja of III B.Sc. Mathematics.

CONCLUSION

We sincerely thank our Principal & Secretary, Rev. Sr. Dr. A. Fathima, for making this workshop possible. We also extend our gratitude to the Department of Mathematics for their constant support throughout this three-day course. We are very grateful to the Dr. R. Balakrishnan Endowment Trust and the Indian Mathematics Consortium for their funding support.