

POST GRADUATE AND RESEARCH DEPARTMENT OF MATHEMATICS

Magazine REPORT 2024-2025

Admission and Orientation Programme for both UG and PG:

Department of Mathematics started the new academic year with Student Induction Programme. DEEKSHARAMBH - STUDENT INDUCTION PROGRAMME was conducted during 03rd to 19th July 2024. The purpose of Deeksharambh - Student Induction Programme is to help new students to adjust and feel comfortable in the new environment.

Value Added course:

Department conducted various value added courses like, Predictive Modelling Using R, Developing Android Apps with App inventor, Machine Learning with Python, Mathematics/46/Image processing using Open CV. Data Analytics using Power Bi, SQL & Python for II and III year UG students and I and II year PG students to enhance their skills and knowledge.

Report on BRAHMAGANITH Mathematics Club Activities (2024-2025)

The Post Graduate and Research Department of Mathematics, along with the Brahmaganith Mathematics Club, organized various enriching academic programs during 2024-2025:

- Seminar (19-07-2024): Dr. T. Augustine Arul Prasad spoke on "21st Century Skills," encouraging self-improvement, media usage, and goal setting for II M.Sc. Mathematics students.
- Investiture Ceremony (26-07-2024): Prof. K.N. Raghavan and Dr. K. Muthunagai delivered inspiring sessions for UG and PG students.
- Seminar (09-08-2024): Mr. M. Balamuralikrishnan guided students on enhancing placement skills, technical expertise, and personal branding.
- Seminar (29-08-2024): Dr. Arunkumar Ganesan (IIT) provided strategies for competitive exams, focusing on algebra, analysis, and topology.
- Workshop (27-09-2024): Mr. Khalai Chelvan and Mr. Boopathy Rajendran emphasized the future of Low Code/No Code platforms and employability skills.
- Seminar (13-12-2024): Dr. M.R. Hemamalini offered insights into the RTI Act, promoting transparency and governance awareness.
- National Mathematics Day (20-12-2024): Dr. S. Dhanasekar (VIT Chennai) highlighted mathematical concepts in cinema, illustrating Nash equilibrium and game theory.
- Workshop (07-01-2025): Dr. S. Hariharan introduced LaTeX as a powerful academic documentation tool, with live demonstrations.
- International Conference ICARMIA 2025 (17-18 Feb 2025): Featuring eminent speakers from India and abroad, the conference celebrated the 60th anniversary of the department and promoted global research collaborations.
- Mathcipher (21-02-2025): An intercollegiate event featuring competitions, the release of the Mathphile newsletter, and a valedictory function graced by actor Mr. Aegan and Dr. S. Sasikala.
- Guest lecture on Softskills that Employers Value: Communication, Leadership and presentation skills” conducted on 28th February 2025.

Through these vibrant activities, the Brahmaganih Mathematics Club continues to foster academic excellence, innovation, and professional growth among students.

Industrial Visit/EVS Field trip:

Industrial visit will provide an exposure to students about practical working environment. Through industrial visit students get awareness about new technologies. In this connection, department organized industrial visit for Students of II PG, III UG to AAvin and EVS field trip for II UG students to ARB Organic Farm, Thiruvallur and

College of food and Dairy Technology, Alamathi - Koduveli

Extension Activity

As an extension activity of the department, The special lecture and library visit was arranged for the PG students of Mathematics On 4th March 2025 in Institute of Mathematical Science, Taramani, Chennai

PTA Meeting

PTA was conducted on 28th February 2025 and special session for parents on handling expectations was given by the resource person Dr. Sasikala, Assistant professor, Department of Psychology, University of Madras, Chennai.

Students Achievement:

- Many students have participated in intercollege activities and won prizes. PG Students Presented Papers in Anna University and in International Conference ICARMIA 2025 at DDGD Vaishnav College, Chennai.
- Kayalvizhi of III B.Sc Mathematics (MAN) won Second prize of amount Rs. 75,000 in “Tamil Magal” speech competition conducted by the Government of Tamil Nadu.
- Mukesh (III B.Sc MPC) and Asif (III B.Sc MAN) are selected for the nurture camp to be held in the last week of June in Cochin.
- Mohideen Asif K. A, Mohammed Jahir Hussain N, Mukesh R, Paramaguru V of III B.Sc Cleared JAM (Joint Admission Test for Masters) Exam.
- Mohideen Asif K. A, Mukesh R, Bhavana K, Reshma S - Participated and Received Certificates in Madhava Mathematics Competition organized by Bhaskaracharya Prathisthana, Pune.
- DDGDVC will be one of the Venue for 2026 Madhava Mathematics Competition.
- Devadarshini (I B.Sc MPC) Won Cash Prize of amount Rs. 7,000 in Tamil Hand Writing State level Competition
- Students of our department have achieved three overall trophies in sports.

Newsletter:

In order to provide updates and information on the way in which department is mounting, Department Annual Newsletter Mathphile was released during the Annual event Mathcipher 2025

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Department have the YouTube channel [DGVCMaths](#) which collects videos that accompany conference, workshops, webinars etc.

Gallery:

