

POST GRADUATE AND RESEARCH DEPARTMENT OF MATHEMATICS COLLEGE DAY REPORT

Admission and Orientation Programme for both UG and PG:

This year 2022-2023 admission to UG and PG Mathematics have been a great response.

We have admitted 86 students in UG and 46 students in PG Mathematics.

The Department of Mathematics started its new academic year with Student Induction Programme. DEEKSHARAMBH - STUDENT INDUCTION PROGRAMME – PRARAMBH 2022 was conducted from 17th August to 26th. The purpose of Deeksharambh - Student Induction Programme is to help new students to adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. 18 resource persons from various institution have been invited. Students are very much benefited by this programme. Entrants were able to get convinced to structured and collaborative learning platform.

Research Guideship and Research Scholars:

Department of Mathematics plays a critical role in research. Two of our faculties Dr. R. Sivaraman, Associate professor and Dr. B. Abirami, Assistant professor are guiding 9 research scholars.

Course:

The courses offered by the department are unique in its own way. Internship, projects and value added course are included to build the career opportunities for the students. Industrial visit, Field trip and Outreach programmes were conducted every year to enhance the students interpersonal, communication skills, and teamwork abilities.

MOU – Valued added course:

To improve employability skills of students and to bridge the skill gaps and make students industry ready, The Department signed the MOU with Sindujaa Academy for Science and Maths regarding Knowledge partnership for Academic and Training Programs. Certificate course were conducted for PG and UG students on Data Analytics and Predictive Modelling using R.

Placement:

As a part of placement program, Aptitude Training programs were conducted for PG and III Year UG students.

In this academic year 11 students placed so far in leading industries like Accenture, HDFC Bank, Verizon etc.

Career Guidance:

Department of Mathematics conducted a career guidance program on 4th August 2022 for UG and PG students of Mathematics for better placement. Mr. Thingalselvan, Director of placement and training in Kingston Engineering college, Vellore gave the talk on the topic Vaipugal 360⁰.

National Mathematics Day:

National Mathematics Day -2022 was conducted on 22nd December 2022 in Dwaraka Auditorium honouring 135th birth anniversary of Shri. Srinivasa Ramanujan. Chief guest Dr. R. Sundareswaran, Associate Professor, SSN Engineering College, Chennai and

Dr. Kalyani Desikan, Professor, School of Advanced Sciences, VIT University, spoke about the Arithmetic graph and Beauty of Mathematics and its applications. The session was very interactive, highly informative and engaging.

Brahmaganith Club:

The main motto of the Department club Brahmaganith is to enhance the competencies of Mathematical temperament. And to bring the hidden talents to light. Under this club several activities were conducted.

- **Investiture ceremony:** On 17-10-2022 the Investiture Ceremony was conducted in Vallabhacharya auditorium, Chief guest Dr. T. S. Prema, gave a delightful speech on the role of barriers for the welfare of the Department. Mr. Bharath A S, of II M. Sc has been selected as Secretary, Mr. Shanmuganathan M, and III B. Sc Mathematics as Joint Secretary and Ms. Nirmala Devi S III B. Sc Mathematics as Treasurer.
- **Seminar Series:** Under the Brahmaganith club, Seminar Series S² was conducted weekly so as to simulate mathematical thinking and to develop mastery of basic mathematical skills. 17 seminars were conducted in this academic year and many resource person were invited from other departments of DDGD Vaishnav College to mention a few, Prof S. Seshadrinathan from Commerce, Dr. Narayanan from Economics, and Dr. Vasanth from Visual Communications.
- **Mathcipher- Intercollegiate Fest:** As a part of Brahmaganith, Mathematics club of DDGD Vaishnav College, Post Graduate and Research Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, organized a two days annual Inter collegiate event Mathcipher. The chief guest of the day, Dr. Soundararajan, Department of Management studies, Indian Institute of Technology, Madras lauded the department Mathematics club Brahmaganith and spoke about the importance of Mathematics in day to day life and its applications towards other subjects. Various Inter collegiate Mathematical events like Quiz O Quiz, Ratios, Argy-Burgy, Anuncio, Save Yourself, Think and Bid, Modus Operandi, Capture The Nature, 221B, Fazine, Hot Seat, Mathron, Paintnetic, Time Carving, M², Paint Your Thoughts were conducted by the UG and PG students of Mathematics. The Valedictory Function was presided by Chief guest Mr. Raja and Ms. Manju, Associate Directors. The overall trophy was bagged by Ethiraj College (Shift-I) and Runner's trophy was bagged by Loyola College (Shift-II).

Spiritual Talk: Thelamuthu Thiruppavi

Post graduate and Research Department of Mathematics, Organized a seminar For Aadi pooram on the topic "Thelamuthu Thiruppavi" - to gain the spiritual knowledge. Eminent speaker/Upanyasakar Shri. U.Ve. Kidambi Narayanan, Upanyasakar and Brahmashri. Shankara Rama Dikshithar, Upanyasakar gave discourse on Thiruppavi in a more comprehensible way. This programme witnessed a resounding success.

Q3 and M2- Inter school Mathematical Event:

Inter school competition helps students to bring out their creativity as well as develop their personality. Post Graduate and Research Department of Mathematics conducted Interschool Mathematical competition Q3 and M2 on 5th and 6th January 2023 to create the interest towards Mathematics and to stress the applications of mathematics in various fields. In which nine schools participated. Totally there was five mathematical based events. All the students from various schools participated with great zeal and enthusiasm it was a successful event and the winners were awarded with cash prize.

International Conference on Applied Mathematics and Computing : ICAMC 2023

The objective of the Conference was to provide an excellent national forum for academicians, and researchers around the world to present their researches and to exchange ideas on recent developments in Applied Mathematics & Computing.

Chief guest Prof. Ravindran, Director IMSC, explained the theme of the conference.

Keynote speaker Dr .Pradeep G Siddheshwar Senior Professor, School of Sciences, Christ University, Bengaluru lauded the department for conducting such conference and asked the students to utilize the opportunity.

There were 15 invited talks in this two day conference. Eminent speakers from esteemed institutions like IIT, Christ University, Central University of Rajasthan delivered the talk in the topic related to Applied mathematics and Computing.

There was a special interaction programme for the faculty members with the resource persons which helps to enhance the research activities.

Invited talks were followed by parallel paper reading sessions and 48 papers were presented on the first and second day in hybrid mode. Many participants presented their research articles represented in various disciplines of mathematics and computing.

Research scholars and PG students from various colleges have attended the program. PG students of our Department also presented the papers.

Most of the papers presented in the conference met with the theme of the conference and were of good quality. The presented papers will be reviewed by the review board and the suggested papers will be forwarded for Scopus indexed/UGC care Journal publication. The certificates were distributed to the participants. 185 participants have registered for this conference.

Seminar:

Department organized a Seminar in the topic “Metric spaces and its Applications” on 21st March 2023. The Resource person Dr. Pitchaimani, Director, Ramanujan Institute for Advanced study in Mathematics, University of Madras, explained the concepts.

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 and EVS field trip for II UG students.

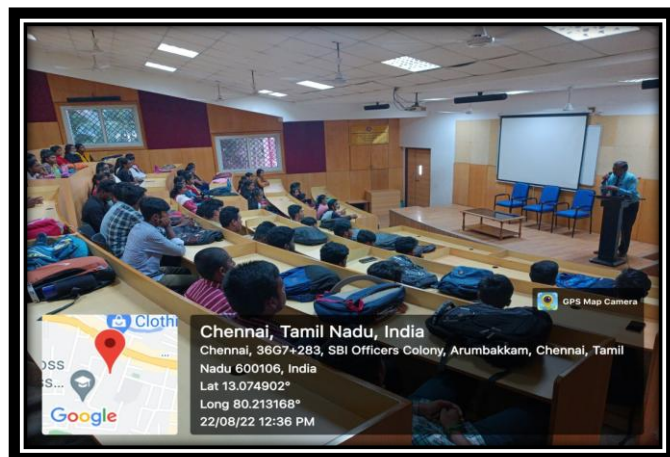
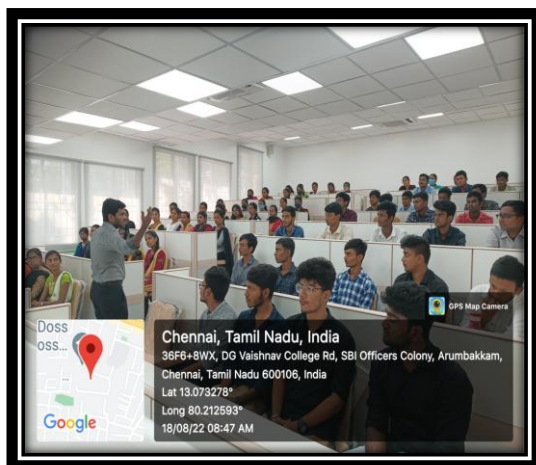
Newsletter:

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

Follow us:

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

DEEKSHARAMBH - STUDENT INDUCTION PROGRAMME – PRARAMBHAM 2022



Career development programme



National Mathematics Day



Investiture ceremony:



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International Conference



