



# Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

(Deemed to be University u/s 3 of UGC Act 1956) (Accredited with 'A' Grade by NAAC)

Enathur, Kanchipuram – 631 561.

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## Department of Mathematics – Ganith Vaartha

Issue – XV

July – December 2023

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## Greetings from the Department

It is a great pleasure to extend my heartfelt greetings to the readers of the Fifteenth edition of Ganith Vaartha, Department newsletter. I sincerely hope that you will enjoy reading about the accomplishments of our faculty.



The newsletter is published twice a year. This issue contains the activities of our department from July – December 2023. The department regularly organizes workshops, seminars, quality enrichment programs, research colloquiums etc. to be familiar with the latest trends in mathematics and career guidance programs and skill development courses are introduced for our students to face the competitive world. Also, our students are encouraged to actively participate in various competitions organized by other departments and to present papers at conferences and seminars.

## FACULTY TEAM

<i>Sl. No.</i>	<i>Name of the Faculty</i>	<i>Designation</i>	<i>Area of Specialization</i>
1	Dr Vijayalakshmi D	Assistant Professor & Head	Graph Theory
2	Dr Srinivasa Rao K	Professor	Algebra
3	Dr Saradha N	Assistant Professor	Graph Theory
4	Dr Nagarajan P	Assistant Professor	Queueing Theory
5	Dr Balaji P	Assistant Professor	Petri Nets
6	Dr Geetha E	Assistant Professor	Fluid Dynamics
7	Dr Mageswari R	Assistant Professor	Graph Theory
8	Dr Pramila K	Assistant Professor	Fuzzy Set Theory
9	Dr Gayathri A	Assistant Professor	Mathematical Physics
10	Dr Sengamalaselvi J	Assistant Professor	Applications of ICT
11	Dr Radhakrishnan V K	Assistant Professor	Operations Research
12	Dr Dhanalakshmi A	Assistant Professor	Graph Theory
13	Dr Bharathi K	Assistant Professor	Operations Research
14	Dr Kavitha T N	Assistant Professor	Algebra

## Programmes organized by the Department

### National Seminar on Ramanujan's Prime and Ramanujan-Hardy Number



On the eve of National Mathematics Day, the Department of Mathematics celebrated National Seminar on “Ramanujan’s Prime and Ramanujan-Hardy Number” on 22-12-2023 in a successful manner. The programme started with a prayer song. Dr Saradha N, Organizing Secretary, Assistant Professor of Mathematics, welcomed the gathering. Later, Dr Vijayalakshmi D, Head, Department of Mathematics introduced the Resource person Dr Kavitha T N, Assistant Professor of Mathematics, SCSVMV. A seminar on “Ramanujan’s Prime and Ramanujan-Hardy Number” was delivered by the Resource person. Following this, Students from various departments of SCSVMV gave a talk about Ramanujan’s life and his work identity. The program came to an end with a vote of thanks from Dr Pramila K, Assistant Professor of Mathematics, SCSVMV. More than 40 students actively participated in the programme.

### Department Activities

- ❖ On December 12, 2023, the interview for PhD admission for the July 2023 session was conducted. Professor Dr. G. Iyappan, Professor of Mathematics, Pondicherry Technological University, served as an external expert. Three candidates appeared for the interview and presented their research proposals.
- ❖ Farewell was given to Dr. Sengamalaselvi J and Dr. Dhanalakshmi A on their date of relieving, July 31<sup>st</sup> and September 16<sup>th</sup> respectively, recalling their service to the department and the university.

## **Outreach and Extension Programmes**

- ❖ **Dr Mageswari R acted as a Resource Person for the Evaluation Training Program for Post Graduate Teachers organized by the Dept. of School Education, Government of Tamil Nadu on 25/10/2023.**
- ❖ **Dr Balaji P acted as an Expert Member in the Board of Studies (BoS) meeting at Sri Manakula Vinayagar College of Engineering, Madagadipet, Puducherry on 22/11/2023.**
- ❖ **Dr Radhakrishnan V K acted as a Jury Member for Public Speaking Competition at Billabong High International School, Kanchipuram on 17/11/2023.**

## **Conference Presentation by Faculty Members**

- ❖ **Dr Vijayalakshmi D, presented a paper titled, 'Vedic Method in Solving Simultaneous Equations of Two Variables', at the International Conference on Recent Trends in Applied Mathematics, organized by Dept. of Science and Humanities (Mathematics), Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore on 11/10/2023.**
- ❖ **Dr Bharathi K, presented a paper titled, 'Study of Sequencing Model Application and Solution of LPP Formulation', at the International Conference on Recent Trends in Applied Mathematics, organized by Dept. of Science and Humanities (Mathematics), Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore on 11/10/2023.**
- ❖ **Dr Kavitha T N, presented a paper titled, 'Analyzing Near-Idempotent Semigroups: Equivalence Relations  $\lambda$  and  $\rho$ ', at the International Conference on Recent Trends in Applied Mathematics, organized by Dept. of Science and Humanities (Mathematics), Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore on 11/10/2023.**

## **Award / Achievements by Faculty Members**

- ❖ **Dr Gayathri A, received 'Young Researcher Award 2023' from Institute of Researchers, Wayanad, Kerala, in recognition of her outstanding professional & research achievements in Mathematics, on October 27, 2023.**



## Journal Publications

- ❖ K. Bharathi published a paper, 'Linear Programming Model of Maximum Network Flow and its Solution', in Mukt-Shabd Journal, Issue 12, December 2023, pp. 1654-1664.

## Summary of Academic Achievements during July – December 2023

<i>Number of Journal Publications</i>	<i>Number of Papers Presented in National / International Conferences</i>	<i>Number of Seminars / Webinars / Workshops / FDP attended</i>	<i>Number of Outreach / Extension Activities</i>	<i>Awards / Achievements</i>
1	3	39	3	1

**For further information and suggestions, contact:**

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