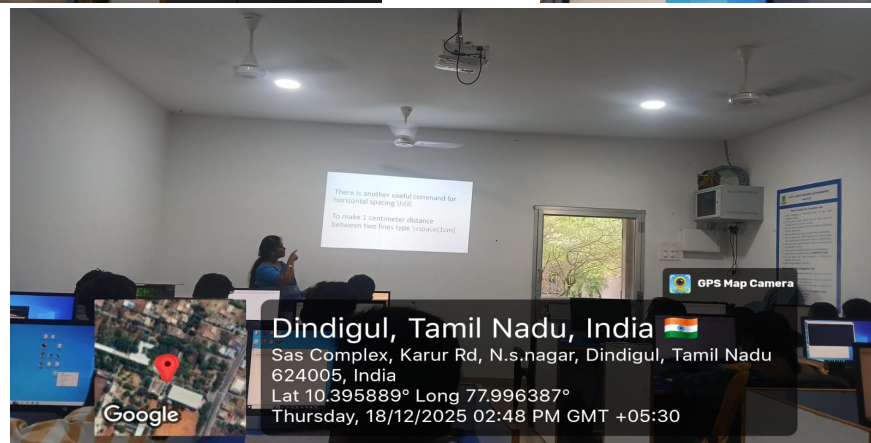
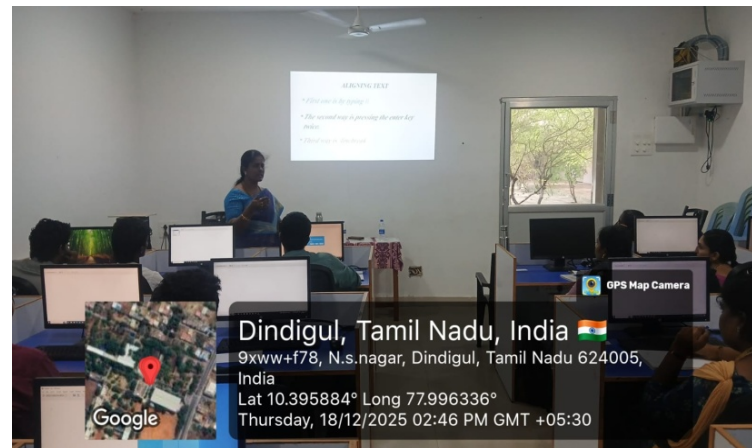




G. T. N. ARTS COLLEGE (AUTONOMOUS), DINDIGUL
DEPARTMENT OF MATHEMATICS
GLIMPSES OF DBT ACTIVITIES – ACADEMIC YEAR 2025-26

S.no	Type of the program	No of Activities	Date	Title of the program	Resource person name
1	Workshops	2	18.12.2025	A Workshop on Introduction to LATEX	Dr. M. Gillbert Rani
			05.01.2026	A Workshop on Python Programming	Mr. S. K. Sanjay Raj
2	Seminar	1	31.07.2025	A one day Seminar on Mathematics for Machine Learning	Mrs. R. Mathu Pritha
3	Hands on training	1	22.12.2025	One day hands on Training Programme on SAGEMATH	Dr. P.S. Srinivasan
4	Winter training programs	1	15.12.2025	Five Day Winter Training on Statistical Modeling and Applications in Science	Dr. R. Sasikumar
			16.12.2025		Dr.M. Manikandan
			17.12.2025		Dr. R. Jeromia Muthuraj
			18.12.2025		Dr.S. Vimala
			19.12.2025		Dr. M. Manoprabha
5	Invited talks	6	25.07.2025	Inauguration of Ramanujan Association, Inception of Association Logo and Invited talk	Dr. V. Ramachandran
			30.09.2025	An invited talk on Relevance of Mathematics	Dr. D. Sukumar
			16.12.2025	An invited talk on Calculus and its applications in Modern Science	Dr. R. Uthayakumar
			17.12.2025	An invited talk on Fundamentals of mathematical Analysis	Dr. G. Nagamani
			23.12.2025	A Session on Out of the Box thinking for problem solving	Dr. M. Azhagappan
			23.12.2025	An invited talk on Fundamental Concepts in Algebra	Dr. K. Arjunan
6	Faculty development program	2	18.12.2025	A Lab Assistant Development Programme on Troubleshooting and Software Maintenance	Mr. R. Arockiyam
			19.12.2025	FDP on Innovative Teaching Strategies using ICT Tools in Mathematics	Dr. Nivetha Martin
7	Alumni Interaction	2	06.08.2025	Sharing Strategies to Crack CTS Examinations	Ms. D. Ranjitha Manonmani
					Mr. S.V. Santhosh
8	Field visit	2	06.01.2026	Anna Science Center Planetarium, Tiruchirappalli	-
			08.01.2026	Kodaikanal Solar Observatory	-

1. Workshop



A workshop on Introduction to Latex was conducted on 18.12.2025. The resource person was Dr. Gilbert Rani, Assistant Professor, Department of Mathematics, Arul Anandar College, Karumathur, Madurai. Around **25 students** and **13 faculty members** participated in the program.

2. Workshop



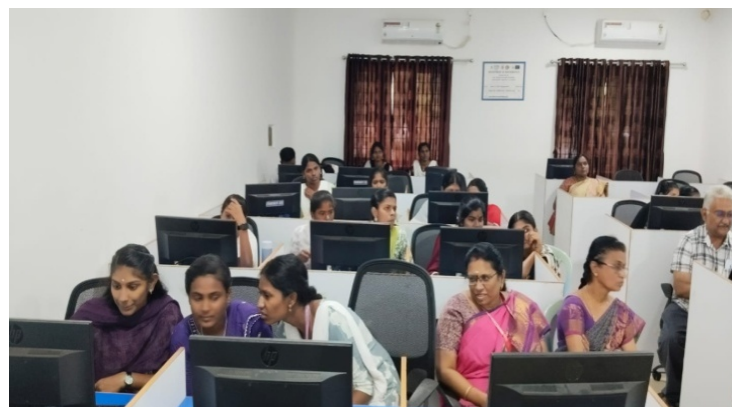
The department of Mathematics organized a Workshop on Python Programming on 05.01.2026 . the resource person was Mr. S. K. Sanjay Raj, Managing Director, Reccsar Pvt. Ltd., Madurai. Around **25 students** and **07 staff members** participated in the program

3. Seminar



A One day Seminar on Mathematics for Machine Learning was conducted on 31.07.2025. Resource person was Mrs.R.MathuPritha, Assistant Professor, Department of Mathematics, The American College, Madurai. Around 120 students Participated.

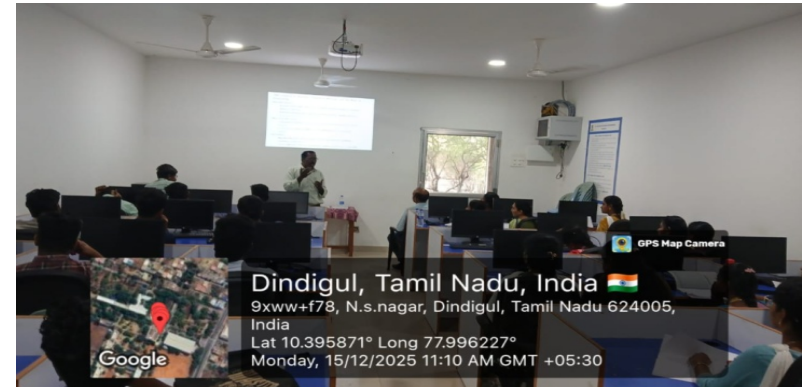
4. Hands on Training



A One-Day **Hands-on Training Program in Sagemath** was conducted on **22.12.2025**. The resource person was Dr.P.S.Srinivasan, Associate Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli. Around **43 students** and **15 staff members** participated in the program.

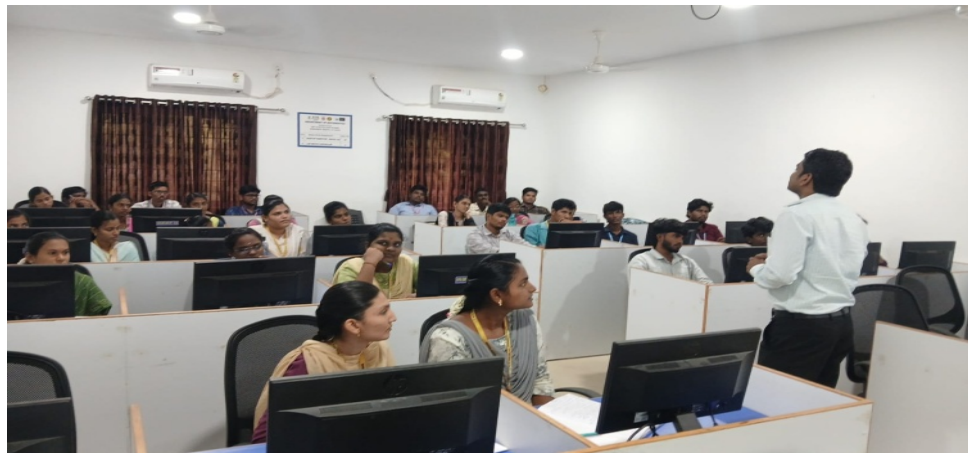
5. Five Day Winter Training on Statistical Modeling and Applications in Science.

Foundations of Statistical Modelling(Day-1)



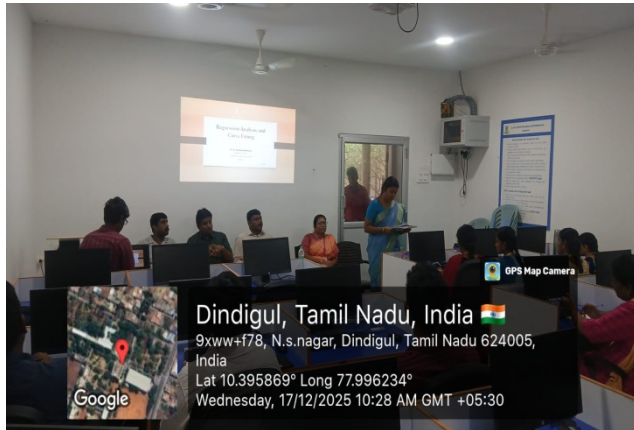
On Day-1, Dr. R. Sasikumar, Assistant Professor, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, was the Resource person. Around 40 students and 15 faculty members participated in the programme.

Statistical Tools for Scientific Data Analysis on 16.12.2025(Day-2)



On Day-2, Dr. M. Manikandan, Professor cum Statistician, Department of Community Medicine, Pondicherry Institute of Medical Sciences, Pondicherry, was the resource person Around 32 students and 18 staff members participated in the program.

Regression Analysis and Curve Fitting on 17.12.2025(Day-3)



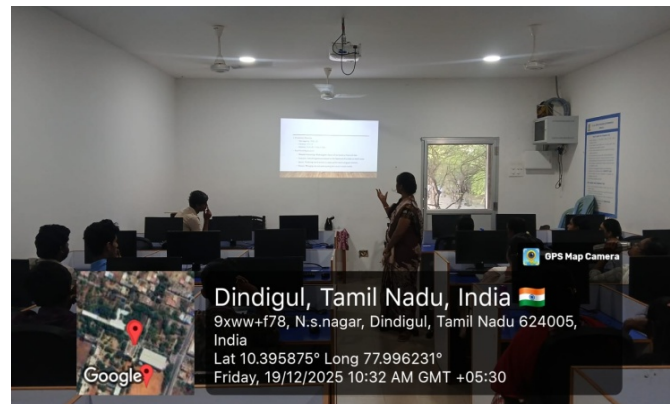
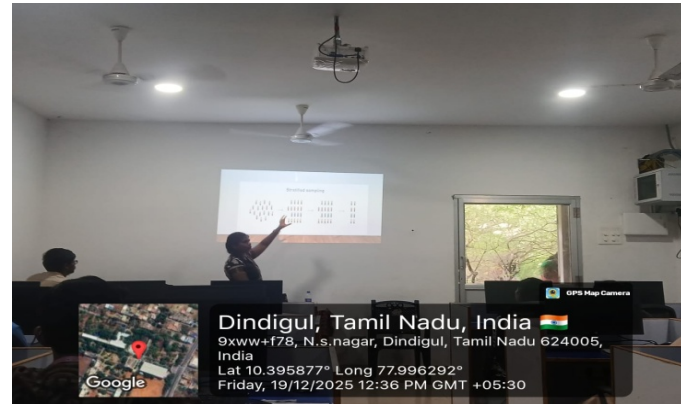
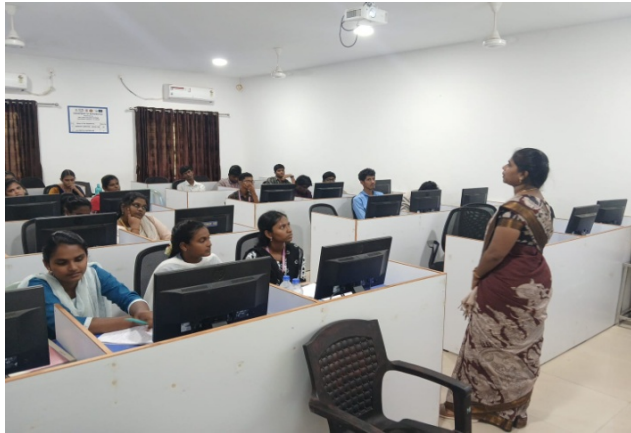
On Day-3, Dr. R. Jeromia Muthuraj, Assistant Professor, Department of Statistics, Government Arts and Science College, Nagercoil, was the resource person. Around 30 students and 15 faculty members participated in the programme.

Applications of Statistical Models in Mathematics, Chemistry and Zoology On 18.12.2025(Day-4)



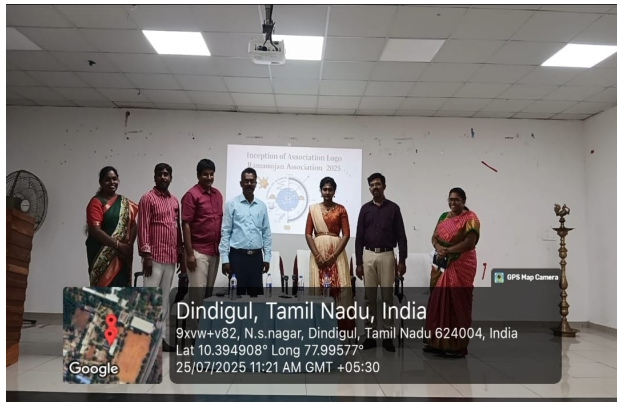
On Day-4, Dr. S. Vimala, Associate Professor, Department of Mathematics, Mother Teresa Womens University, Kodaikanal, was the Resource person. Around 30 students and 15 faculty members participated in the programme.

Probability Distributions and Sampling Techniques on 19.12.2025(Day-5)



On Day-5, Dr. M. Manoprabha, Assistant Professor, Central University of Tamil Nadu, Thiruvavur, was the resource person. Around 30 students and 15 faculty members participated in the programme.

6. Invited talks



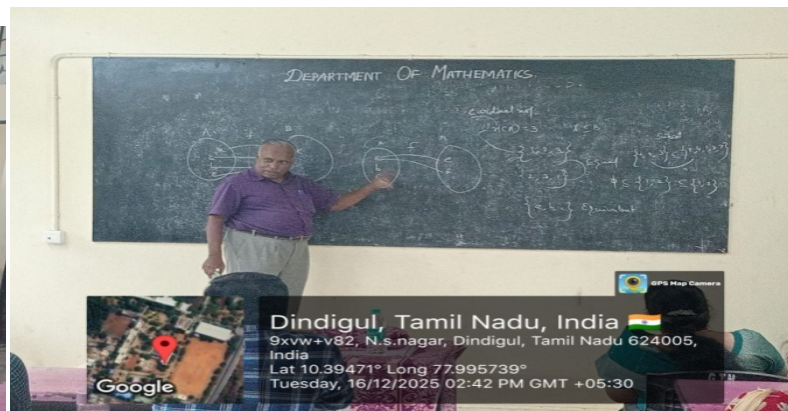
The Ramanujan Association was inaugurated and the Association Logo was unveiled on 25.07.2025, followed by an Invited talk on "From Equations to Excellence: Navigating the Path to Success" the resource person was Dr. V. Ramachandran, Assistant Professor of Mathematics, M T N College, Madurai. Around 60 students Participated.

7. Invited talk on Relevance of Mathematics



The Department of Mathematics organized an invited talk on 30.09.2025, Dr. D. Sukumar Professor, IIT Hyderabad, delivered an invited talk on relevance of Mathematics, from the session 35 students benefited and also he visited DBT Mathematics Laboratory and Mathematics Model Park.

8. Invited talk on Calculus and its applications in Modern Science.



An Invited Talk on Calculus and its Application in Modern Science was conducted on 16.12.2025, The resource person was Dr. R. Uthayakumar, Senior Professor, Department of Mathematics, Gandhigram Rural University, Gandhigram. Around 31 students and 13 staff members participated in the program.

9. Invited talk on Fundamentals of mathematical Analysis



An Invited Talk on “Fundamentals of Mathematical Analysis” was conducted on 17.12.2025. The resource person was Dr. G. Nagamani. Associate Professor, Department of Mathematics, Gandhigram Rural University, Gandhigram. Around 30 students and 15 faculty members participated in the programme.

10. A Session on Out of the Box thinking for problem solving



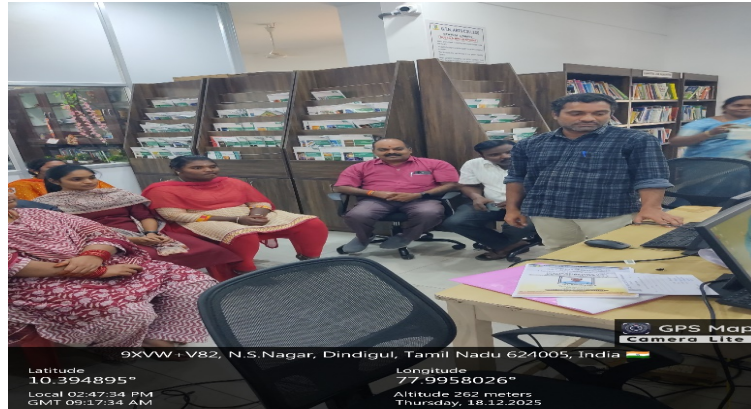
A Session on Out-of-the-Box-Thinking for Problem Solving was conducted on 23.12.2025. The resource person was Dr.M.Azhagappan, Associate Professor & Head, Department of Mathematics, Yadava College, Madurai. Around 26 students and 15 staff members participated in the program.

11. An invited talk on Fundamental Concepts in Algebra



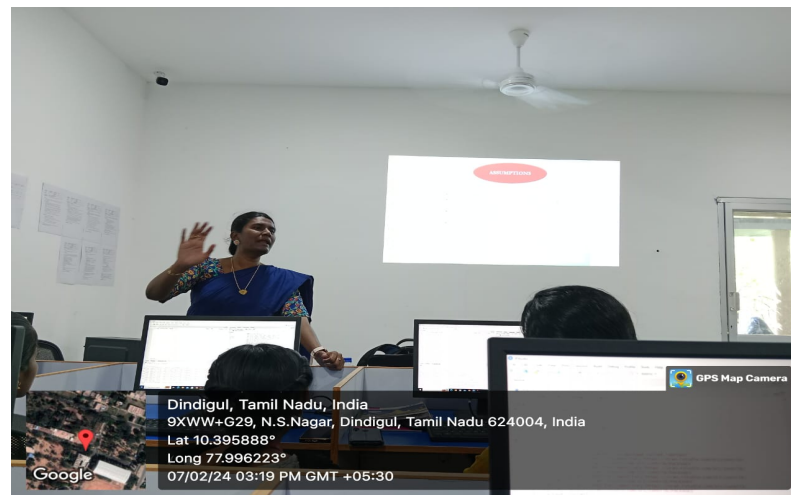
An Invited talk on Fundamental Concepts in Algebra was conducted on 23.12.2025, The resource person was Dr. K. Arjunan, Associate Professor & Head, Department of Mathematics, Government Arts and Science College, Alangudi. Around 26 students and 15 staff members participated in the program.

12. A Lab Assistant Development Programme - Troubleshooting and Software Maintenance(FDP)



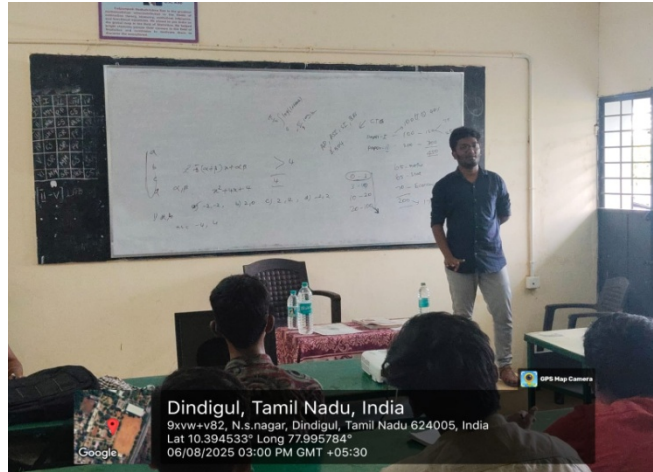
The Lab Assistant Development Programme was conducted on 18.12.2025 on the topic “Troubleshooting and Software Maintenance.” The resource person was Mr. R. Arockiyam, System Administrator, Arul Anandar College (Autonomous), Karumathur. Around 15 staff members participated in the programme.

13. A FDP on Innovative Teaching Strategies using ICT Tools in Mathematics



A FDP on Innovative Teaching Strategies using ICT Tools in Mathematics was conducted on 19.12.2025, Dr. Nivetha Martin explained innovative teaching Strategies using ICT Tools in Mathematics for the College Teaching Staff, Around 25 Staff got benefited from the session.

14. Sharing Strategies to Crack CTS Examinations



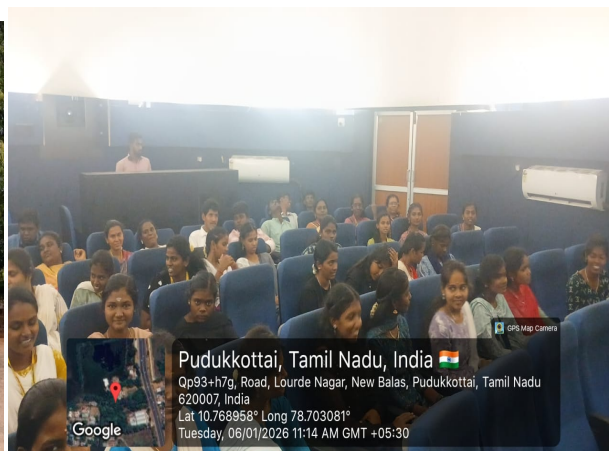
Alumnae Ms. D. Ranjitha Manonmani and Mr. S.V. Santhosh shared their experience & provided guidance on preparation for CTS Examination ,s
Around 40 Students got benefited from their knowledge sharing session.

15. Alumni Talk on Career Opportunities in Mathematics



The department of Mathematics organized an Alumni Talk on Career Opportunities in Mathematics on 24.12.2025, the resource person was K. Adhithya Harshan Alumnus (2017-2020). Around **27 students** and **15 staff members** participated in the program

16. Field visit-Anna Science Center Planetarium, Tiruchirappalli



The Department of Mathematics, G. T. N. Arts College (Autonomous), organized an Educational tour to The Anna Science Centre- Planetarium on 06.01. 2026 with 45 students from I,II and III year students.

17. Field visit- Kodaikanal Solar Observatory



The Department of Mathematics, G .T. N Arts College (Autonomous), organized an Educational tour to The Kodaikanal Solar Observatory, Kodaikanal on 08.01.2026 with 45 students from I,II and III year students.