



G. T. N. ARTS COLLEGE (AUTONOMOUS), DINDIGUL
DEPARTMENT OF MATHEMATICS
GLIMPSES OF DBT ACTIVITIES – ACADEMIC YEAR 2023-24

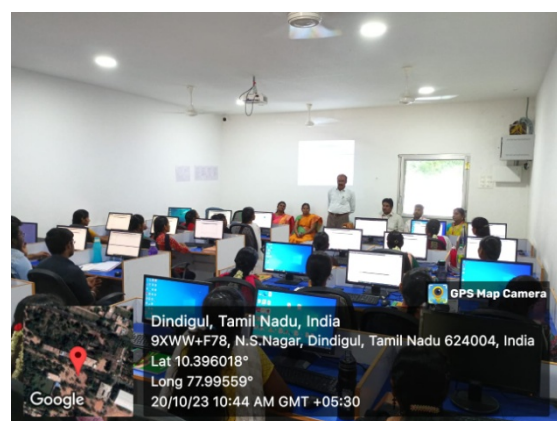
S.No	Type of Programme	Title of the Programme	No. Of Programme	Date
1	Workshops	One Day State level Workshop on Vedic Mathematics for Competitive Examinations	1	20.02.2024
2	Seminar	One Day State level Seminar Real Life Applications of Fuzzy Sets	2	29.01.2024
		One Day State level Seminar Future Perspectives in Mathematics		31.01.2024
4	Hands on Training	One Day Hands on Training Program in Python	1	18.10.2023
		One Day Hands on Training Program in Matlab	1	20.10.2023
		One Day Hands on Training Program in LaTeX	1	05.02.2024
		One Day Hands on Training Program in Matlab	1	07.02.2024
		One Day Hands on Training Program in Sagemath	1	09.02.2024
		One Day Hands on Training Program in Python	1	12.02.2024
5	Summer Training	Recent developments in Mathematics and its applications.	1	18.03.2024-22.03.2024
6	Interdepartmental Activities	Science Day Celebration	1	14.03.2024
7	Faculty Development Programme	One Day Workshop on LATEX	1	27.02.2024
		One Day FDP on IPR and patents	1	27.03.2024
8	Field Visit to Scientific Laboratories and Research Institute	Mathematics Laboratory and Museum ,The Gandhigram Rural Institute-Deemed University, Gandhigram	3	05.01.2024
		NAGA limited		24.01.2024
		Education Tour		29.01.2024,01.03.2024
9	Outreach activities for School Students and School Teachers	Hands on Traing on LATEX Tool for School and College Teachers.	1	06.03.2024

One Day Hands on Training Program in PYTHON on 18.10.2023



One-Day Hands-on Training Program in Python on 18.10.2023. The resource persons were **Mr. M. Kamal**, Assistant Professor of Computer Science, Jamal Mohamed College (Autonomous), Trichy, and **Mr. L. Imamdheen**, Assistant Professor of Computer Science, Jamal Mohamed College (Autonomous), Trichy.. Around **70 students** and **5 staff members** participated in the program.

One Day Hands on Training Program in MATLAB on 20.10.2023



One-Day Hands-on Training Program in MATLAB on 20.10.2023. The resource person was **Dr. Nivetha Martin**, Assistant Professor, Department of Mathematics, Arul Anandar College, Karumathur, Madurai.. Around **78 students** and **5 staff members** participated in the program.

One Day State level Seminar Real Life Applications of Fuzzy Sets on 29.01.2024



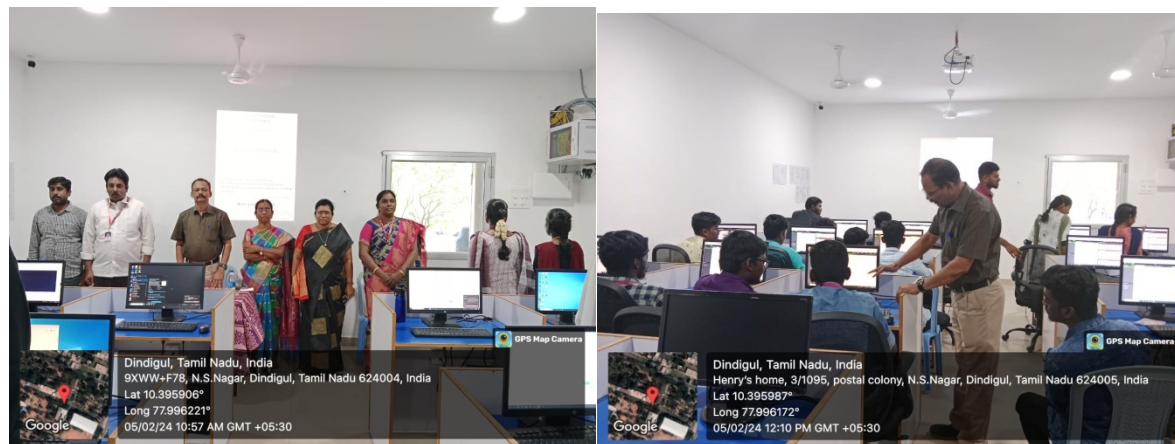
One-Day State Level Seminar on **Real Life Applications of Fuzzy Sets** on **29.01.2024**. The resource person was **Dr. S. Vimala**, Assistant Professor at Mother Teresa Women's University, Kodaikanal. Around **78 students** and **5 staff** participated in the program.

One Day State level Seminar Future Perspectives in Mathematics on 31.01.2024.



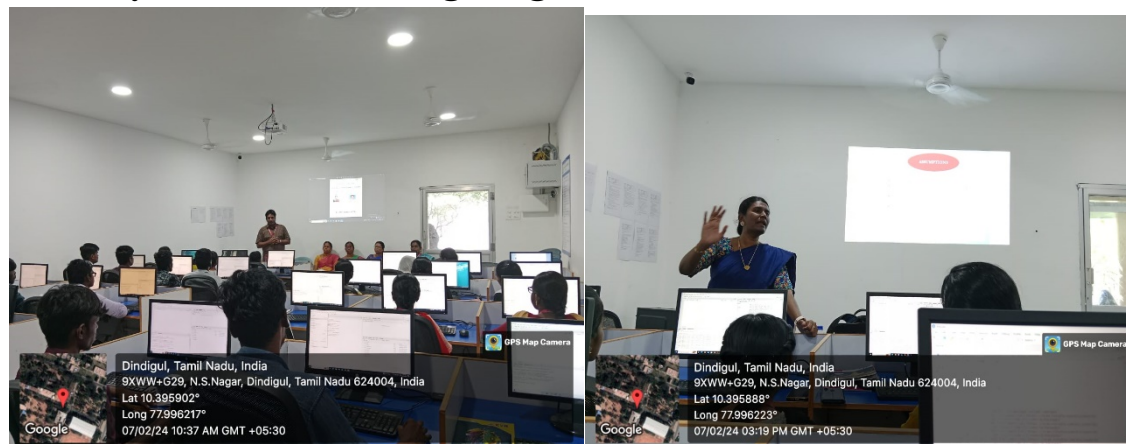
One-Day State-Level Seminar on “**Future Perspectives in Mathematics**” on 31.01.2024. The resource person for the event was **Dr. R. Uthayakumar**, Professor and Head, Department of Mathematics, The Gandhigram Rural Institute (Deemed to be University), Gandhigram. A total of 77 students and 5 staff members participated in the programme.

One Day Hands on Training Program on LATEX on 05.02.2024



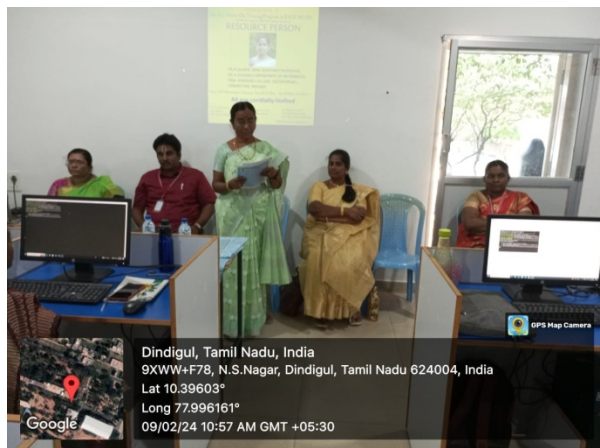
One-Day Hands-on Training Program in **LaTeX** on **05.02.2024**. The session was handled by **Dr. K. Annadurai**, Associate Professor of Mathematics, M.V. Muthaiah Government Arts & Science College, Dindigul. A total of **37 students** and **6 staff members** participated in the program.

One Day Hands on Training Program in R-PROGRAMMING on 07.02.2024



One-Day **Hands-on Training Program in R Programming** on **07.02.2024**. The resource persons were **Dr. N. Ramila Gandhi**, Associate Professor, Department of Mathematics, PSNA College of Engineering & Technology, Dindigul, and **Dr. Nivetha Martin**, Assistant Professor of Mathematics, Arul Anandar College (Autonomous), Dindigul. Around **37 students** and **6 staff members** participated in the program.

One Day Hands on Training Program in Sagemath on 09.02.2024



One-Day **Hands-on Training Program in SageMath** on **09.02.2024**. The session was led by **Dr. M. Gilbert Rani**, Assistant Professor at Arul Anandar College (Autonomous), Madurai. A total of **21 students** took part in the program.

One Day Hands on Training Program in Python on 12.02.2024



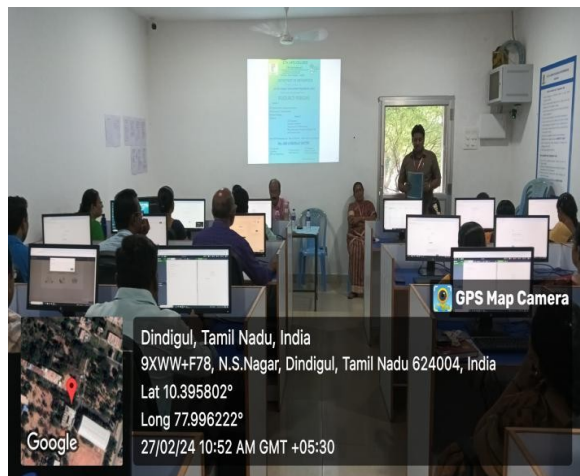
One-Day **Hands-on Training Program in Python** on **12.02.2024**. **Mr. M. Kamarajan**, Assistant Professor, PSNA College (Autonomous), Dindigul, served as the resource person. Around **18 students** and **3 staff members** participated in the training.

One Day State level Workshop on Vedic Mathematics for Competitive Examinationson 20.02.2024.



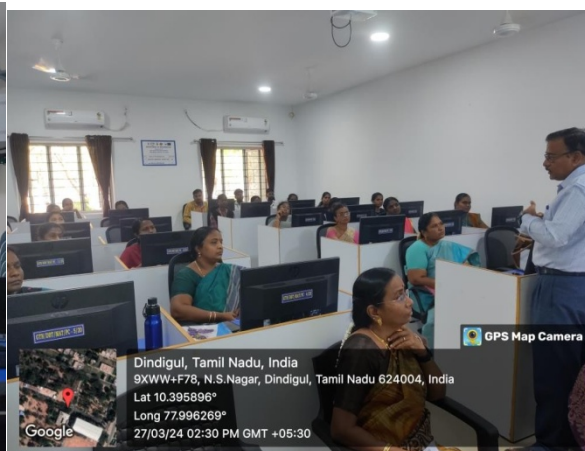
One-Day State Level Workshop on Vedic Mathematics for Competitive Examinations on 20.02.2024. The sessions were conducted in parallel, and the resource persons were **Mr. R. Jeyabalan**, Former Vice Principal, Vivekananda College, Thiruvudagam, Madurai; **Dr. K. Indirani**, State President of the Tamil Nadu Unit of Shiksha Sanskrit UttanNyas and Research Advisor at Sri Saradha Women's College, Tirunelveli; **Mr. K. Vinoba**, State Education Coordinator, SevaBharathi, South Tamil Nadu; and **Dr. M. Nagaraj**, Assistant Professor of Mathematics, Vivekananda College, Thiruvudagam, Madurai. Around **60 students** participated in the workshop.

One Day Faculty Development Program on LATEX ON 27.02.2024



One Day Faculty Development Program on LATEX ON 27.02.2024. **Dr. I. Padmavathi**, Assistant Professor of Mathematics, Madura College, Madurai. **Dr.C.Suganya**, Assistant Professor, Thenikammavar college of Arts and Science, Theni. Around 25 staff participated in the program. Overall, the FDP provided a comprehensive understanding of LaTeX as a powerful tool for producing professional and publication-ready documents.

One Day Faculty Development Program on IPR and patents on 27.03.2024



One-Day Faculty Development Program on **IPR and Patents** on **27.03.2024**. The resource person was **Dr. P. Balasubramaniam**, Professor of Mathematics, A total of **25 staff members** attended the program.

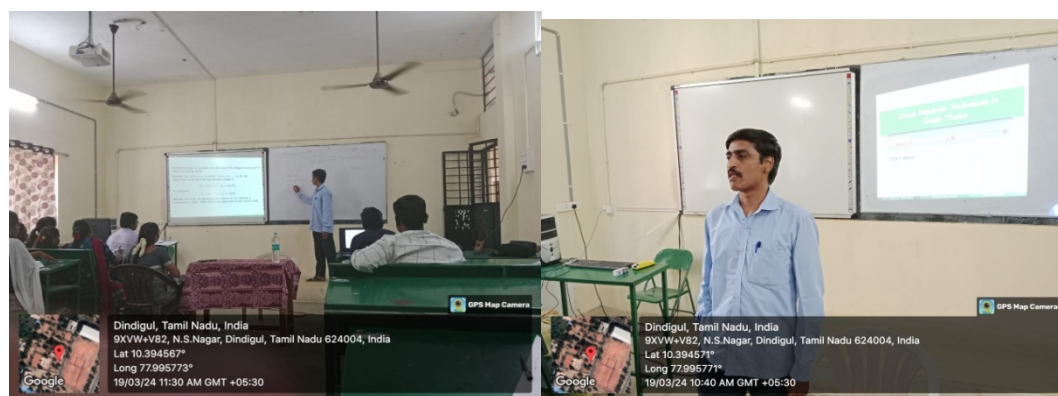
Five days Summer training on Mathematical Modelling and Applications from 18.03.2024 to 22.03.2024

Day-I (18.03.2024)



First day :The resource person was **Dr. M. Kamaraj**, Principal, Government Arts and Science College, Vedaranyam – 614810.

Day-II (19.03.2024)



Secondday :The resource person was **Dr. R. Rajkumar**, Assistant Professor, Gandhigram Rural University, Gandhigram.

Day-III (20.03.2024)



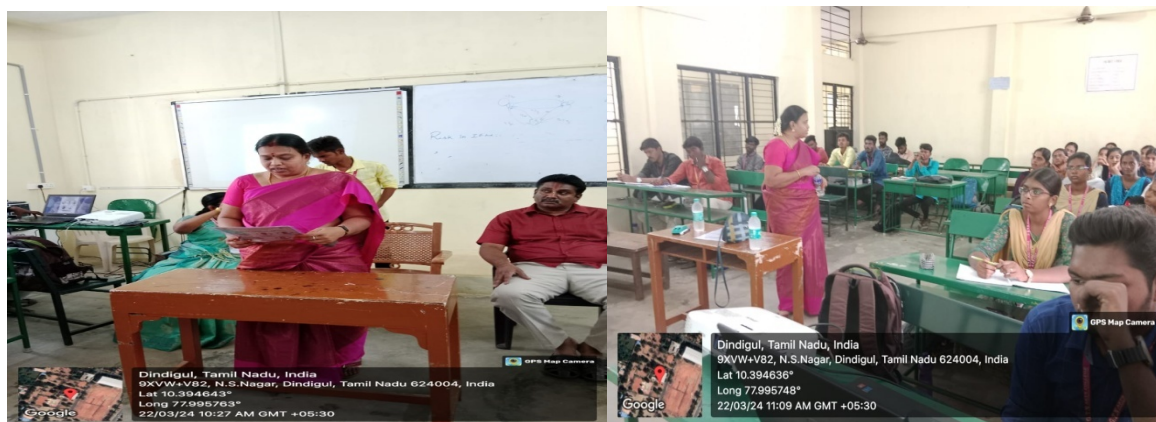
Third day :The resource person was **Dr. K. Arjunan**, Associate Professor, Alagappa Government Arts College, Karaikudi.

Day-IV (21.03.2024)



Fourth day :The resource person was **Dr. N. Anbazhagan**, Professor and Head, Alagappa University, Karaikudi.

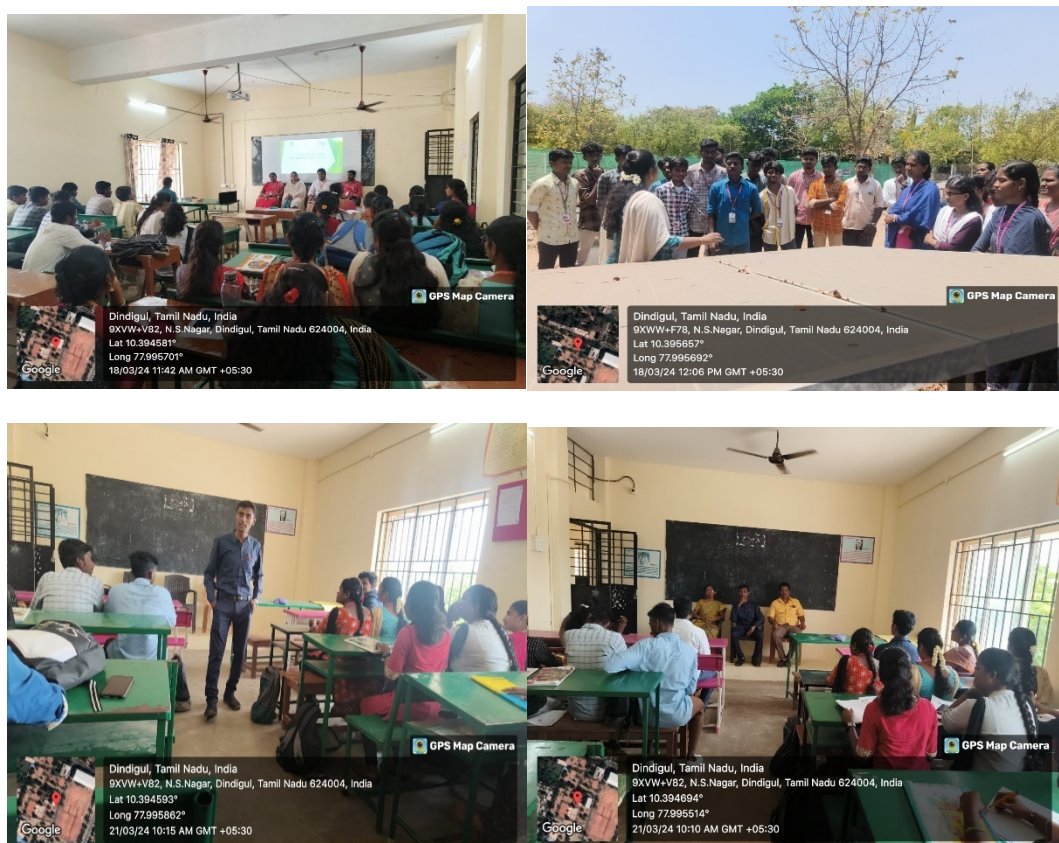
Day-V (22.03.2024)



Fifth Day: The resource person was **Dr. P. Jayagowri**, Principal, Sudharsan College of Arts and Science, Pudukkottai.

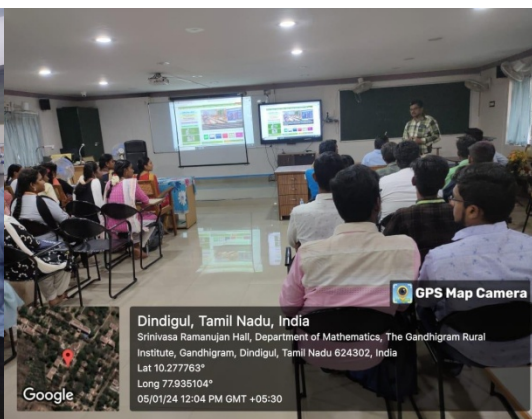
Around **35 students** of both PG and III UG students participated in the program.

Five Day Internship Programme(18.03.2024 – 20.03.2024)



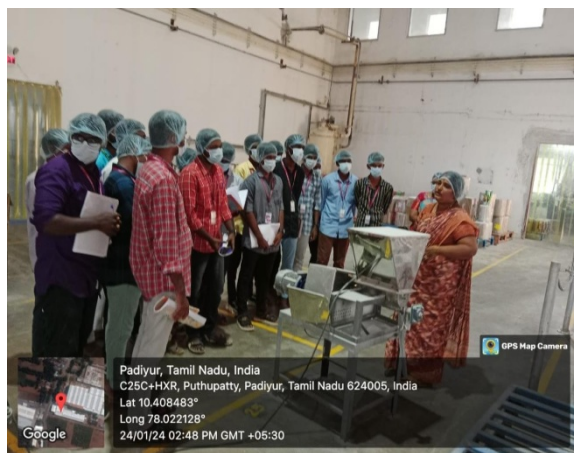
Er. D. Kalaiselvi, Proprietor, Selka Energy, Dindigul, was the resource person for the training program conducted from **18.03.2024 to 21.03.2024**. The resource person on **21.03.2024** was **Mr. M. Ashok**, Senior Consultant, BNB Financial Services, Hyderabad.

Mathematics Laboratory and Museum ,The Gandhigram Rural Institute-Deemed University, Gandhigram



On 5th of January 2024, our students and the staff members visited Department of Mathematics in Gandhigram Rural Institute, Gandhigram. **Dr P. Muthu Kumar**, Assistant Professor of Mathematics explained about the Applications of Mathematical software (MATHEMATICA) in the research field. Research scholar **Mr. K. Suresh Kumar** explained about PYTHON and various open resources of study on Swayam, Moocs, NPTEL etc. Post metric scholarships availability to the students.

INDUSTRIAL VISIT NAGA MILLS LTD ON 24.01.2024



On 24th of January 2024, Around 57 students , III Year B.Sc Mathematics students, I Year and II Year PG students and Faculty Members—Dr. J.Kaliga Rani, Mr. A.Bhaalamurugan visited NAGA MILLS.

EDUCATION TOUR





The students visited Cochin University's campuses and Mathematics department on 29.02.2024. They interacted with faculty members and students.

One Day FDP on LATEX (Outreach activity for school teachers)



The Department of Mathematics organized a One-Day Faculty Development Program on LATEX (Outreach activity for school teachers) on 26.03.2024. **Dr. K .Annadurai**, Associate Professor of Mathematics, M. V. Muthaiah Government Arts & Science College, Dindigul was the resource person. Around 20 staff of school participated in the program.