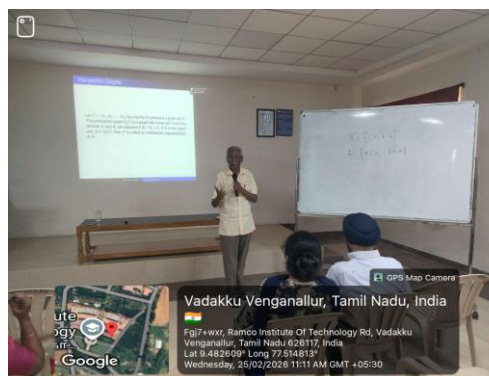
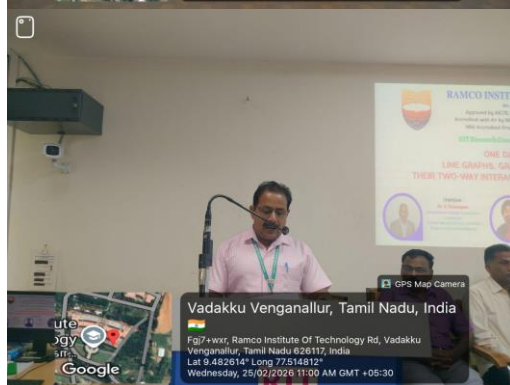
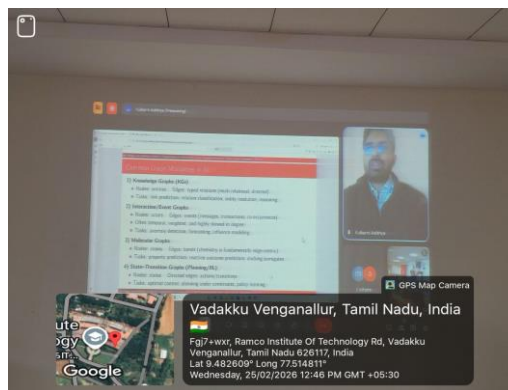


Faculty Participation AY 2025-26

Program Organized

1. The Department of Mathematics and RIT Research Council, Ramco Institute of Technology, in collaboration with Ayya Nadar Janaki Ammal college, Sivakasi, Rajapalayam Rajus' College, Rajapalayam and V.V.Vanniyaperumal College For Women (Autonomous), Virudhunagar organized the one day workshop on “Line Graphs, Graph Transformations and Their Two-Way Interaction with Artificial Intelligence” on 25.02.2026. Prof. Dr. S. Arumugam (Retd Senior Professor Kalasalingam University), Prof. Dr. Jay S. Bagga (Department of CSE, Ball State University, USA), and Dr. Adithya Kulkarni (Assistant Professor, Department of CSE, Ball State University, USA) are the resource persons. The workshop comprises three expert lectures and one interactive session. 100 participants from these institutions benefited from the workshop. This program aims to strengthen participants’ understanding, encourage research interest among students and young scholars, and promote academic interaction and collaboration. Dr. V. Sivakumar Prof/Mech and Dr. R. Subasree ASP/Maths, coordinated this workshop.





2. The Math Experts Club, in association with the Department of Mathematics, organized a **“Workshop on Engineering Mathematics for GATE Examination”** on 13.02.2026 (Friday) for final-year GATE 2026 applicants and interested students from other years. Dr. G. Selvaraj (ASP/Mathematics) and Dr. T. Selvaganesh (AP/Mathematics) conducted the session, providing guidance on problem-solving strategies, time management, and exam-writing techniques to score high in GATE. A total of 26 students participated. The workshop was successfully coordinated by Dr. T. Selvaganesh and Dr. G. Kannan.

3. On the occasion of **National Science Day**, the Math Experts Club, in association with the Department of Mathematics, organized a **“Paper Presentation on Application of Mathematics in Engineering”** on 26.02.2026 (Thursday) for all students. A total of 24 students participated in the event. The session was handled by Dr. S. Saravanakumar (ASP/Maths), Dr. R. Saravanakumar (AP/Maths), and Mr. S. Muthukumar (AP/Maths). The programme was coordinated by student coordinators S. Sadaiyappan and B. Ravi Kumar, and successfully organized under the guidance of faculty coordinators Dr. T. Selvaganesh and Dr. G. Kannan.

4. The department of Mathematics, Ramco Institute of Technology (RIT), in collaboration with the Indian Society for Technical Education (ISTE), successfully hosted the Final round of Srinivasa Ramanujan Mathematical Competition (SRMC–2025) on 31.01.2026, the event expanded its reach beyond Virudhunagar and Tenkasi to include Tirunelveli and Madurai, drawing an overwhelming 2,142 participants from 106 schools. Featuring AI-monitored two online rounds and an offline final round, The valedictory ceremony, graced by ISTE dignitaries Dr. A. Sankara Subramanian and Prof. K. Sourirajan, saw cash prizes awarded to the region's brightest minds. In the Class XII category, A. Nandhini (Srivi Lions Matriculation) clinched the prestigious Ramanujan Award, while Dinesh A (Ramco Vidyalaya) secured the Ramanujan Rising Star Award for Class XI. Special recognitions included the Phoenix Award for Government School excellence and the Dronacharya Award for outstanding mentorship. As RIT Director Dr. L. Ganesan and Principal Dr. S. Rajakarunakaran addressed the gathering, the consensus among students and educators was

clear: SRMC–2025 has set a new benchmark for academic competitions, fostering a deep-seated love for mathematics across Southern Tamil Nadu.



5. UBA of Ramco Institute of Technology in collaboration with Murugan optical, Srivilliputhur conducted free eye checkup camp at Mullikulam village on 01.02.2026. Distributed the notice for the people by the cleaning workers. 55 people participated in this camp. We were assured that the free glasses will be given to 20 poor people. The event was coordinated by Dr. M. Anish Alfred Vaz, ASP/English, Dr. T. Manimaran, ASP/Maths, Dr. M. Anand, ASP/English, Dr. G. Selvaraj, ASP/Maths and Mr. A. Veerappan, Language Lab Technician.



FDP Organised

1. The Department of Mathematics and Mechanical Engineering organized a five-day national-level Faculty Development Programme (FDP) on 'Computational Intelligence and Data Science for STEM Faculty Using R & Python' from June 9 to June 13, 2025. The programme was successfully coordinated by Dr. T. Manimaran, ASP/Maths, Dr. J. Jerold John Britto, ASP/Maths and Dr. R. Saravanakumar, AP/Maths.

Guest Lecture Delivered

1. Dr. G. Selvaraj, ASP/Maths, delivered a lecture on 'Bar Diagram, Multiple Bar Plot, Pie Chart, Histogram, Frequency Polygon, and Ogives Using Single and Multiple Groups in R Programming' as part of the five-day national-level Faculty Development Programme (FDP) on 'Computational Intelligence and Data Science for STEM Faculty Using R & Python' on June 10, 2025.
2. Mr. K. Subramanian, AP(SG)/Maths, delivered a lecture on 'Probability distributions and Hypothesis testing for large and small samples, Correlation Coefficient and Rank Correlation Coefficient and Linear Regression using R programming ' as part of the five-day national-level Faculty Development Programme (FDP) on 'Computational Intelligence and Data Science for STEM Faculty Using R & Python' on June 11, 2025.
3. Dr. K. Basari Kodi, Prof/Maths, Served as Chief Guest and delivered a lecture on *Pathways from Mathematics to AI, ML, and Data Science* during the inaugural function of the Ramanujan Mathematical Association at Rajapalayam Raju's College on 18.07.2025
4. Dr. T. Selvaganesh, AP/Maths, delivered a lecture on the topic "Aptitude and Attitude for Success" in the One-day workshop on "Aptitude Development Programme" on 09 September 2025 at Ayya Nadar Janaki Ammal College, Sivakasi.
5. Dr. G. Kannan, AP/Maths, delivered a lecture on the topic "Limits and Continuity of Differential Calculus" on 24 September 2025 at SCAD College of Engineering and Technology.
6. Dr. G. Selvaraj, ASP/Maths been a resource person for the National Mathematics Day and delivered a lecture on " Visualization of function in MATLAB" in Rajapalayam Raju's College on 20.12.2025

FDP/Workshop Attended

1. Dr. K. Basari Kodi has participated in the two day 7th National Level Workshop on NIRF India Rankings 2026 for Higher Educational Institutions held on 11th & 12th December, 2025 through Online, conducted by Institute for Academic Excellence (IAE), Hyderabad.
2. Mr. S. Muthukumar, AP/Maths has participated in the "National Level Online Hands-On Workshop on MATLAB & SCILAB" organized by IQAC, the Department of Mathematics, Sonari College, Assam, the Indian Mathematics Professors Association, and

the Infinity Research & Development Institute, Coimbatore, from 15th December to 17th December, 2025.

3. Mr. S. Muthukumar, AP/Maths has participated in the online international faculty development program titled "Empowering Multi-Disciplinary Educators," organized by the Department of Mathematics at Easwari Engineering College, from December 15th to December 19th, 2025.
4. Dr. R. Subasree ASP/Maths, Dr. G. Selvaraj, ASP/Maths, Mr. K. Subramanian, AP/Maths has participated in R&D CONCLAVE 2025, organized by RIT Research council, Ramco Institute of technology, on 23.12.2025.
5. Dr. T. Manimaran, ASP/Mathematics of Ramco Institute of Technology, Rajapalayam has actively participated in the Six Day Online Faculty Development Program on Agentic & Generative AI for Societal Transformation: Applications in Healthcare, Governance, and Education organized by Department of Computer Science and Engineering, Ramco Institute of Technology, Rajapalayam, from 27.01.2026 to 02.02.2026.
6. Dr. T. Manimaran, ASP/Maths, Dr. S. Saravanakumar, ASP/Maths Mr. K. Subramanian, AP/Maths, Dr. T. Selvaganesh, AP/Maths, Dr. R. Saravanakumar, AP/Maths, Dr. G. Kannan, AP/Maths, Dr. N. Nagamani, AP/Maths, Mr. S. Muthukumar, AP/Maths has participated in the Online International Faculty Development Programme titled "Empowering Multi-Disciplinary Educators" organized by the Department of Mathematics, Easwari Engineering College from 15th December to 19th December, 2025.
7. Dr. T. Manimaran, ASP/Maths attended "One Day Orientation and Proposal Development Workshop" on 22.12.2025 organized by UBA, The Gandhigram Rural University, Gandhigram.
8. Dr. R. Subasree, ASP/Maths, Dr. T. Selvaganesh AP/Maths, Dr. G. Kannan, AP/Maths, Mr. S. Muthukumar, AP/Maths and Dr. N Nagamani, AP/Maths has attended five-day national-level Faculty Development Programme (FDP) on 'Computational Intelligence and Data Science for STEM Faculty Using R & Python' from June 9 to June 13, 2025
9. Dr. R. Subasree, ASP/Maths and Dr. G. Selvaraj, ASP/Mathematics has Participated in the Professional Development Programme on "Educational Video Production" Conducted by NITTTR, Chennai from 16.07.2025 to 21.07.2025 at Ramco Institute of Technology, Rajapalayam, Tamil Nadu
10. Dr. S. Saravanakumar , ASP/Maths, has attended one week Faculty Development Programme (FDP) on 'Application of Mathematical Techniques in Agriculture , Science and Technology ' organized by Department of Mathematics, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, U.P., India. from August 18 -23, 2025
11. Dr. T. Manimaran attended A five-day state-level online Faculty Development Programme on "Network Creation and its Applications View in Graph Theoretical Approach" 22.09.2025 to 26.09.2025.
12. Dr. G. Selvaraj, ASP/Maths, Dr. N Nagamani, AP/Maths, Mr. S. Muthukumar AP/Maths, has participated in the five-day FDP on "Empowering Faculty through Research and

Innovation”, organized by Sri Sairam Engineering College, Chennai, from 05.02.2026 to 10.02.2026.

13. Dr. N Nagamani AP/Maths, has participated in the two day training program on “Art of Counselling from 25.2.2026 to 26.02.2026”, organized by Ramco Institute of Technology, Rajapalayam in association with M.S Chellamuthu Trust & Research Foundation, Madurai.

Online course

1. Dr. R. Subasree, ASP/Maths, successfully completed an online course on, “Introduction to Logic” an online non-credit course authorized by Stanford University and offered through Coursera on 04.07.2025.
2. Dr. T. Manimaran, ASP/Maths, Mr. K. Subramanian, AP/Maths, Dr. G. Selvaraj, ASP/Maths, Dr. T. Selvaganesh, AP/Maths, Dr. R. Saravanakumar, AP/Maths, Dr. G. Kannan, AP/Maths, Mr. S. Muthukumar, AP/Maths, Dr. N. Nagamani, AP/Maths, successfully completed an online NPTEL Course (8 weeks) on, “Introduction to Abstract and Linear Algebra” authorized by Indian Institute of Technology Kharagpur during July - September - 2025.
3. Dr. K. Basarikodi Prof/Maths, Dr. T. Manimaran ASP/Maths, Mr. K. Subramanian, AP(SG)/Maths, Dr. R. Subasree ASP/Maths, Dr. G. Selvaraj, ASP/Maths, Dr. T. Selvaganesh AP/Maths, Dr. R. Saravanakumar AP/Maths, Dr. G. Kannan AP/Maths, Mr. S. Muthukumar AP/Maths, Dr. S. Saravanakaumar ASP/Maths, has participated in the one day workshop on “Line Graphs, Graph Transformations and Their Two-Way Interaction with Artificial Intelligence”, organized by RIT Research Council and Department of Mathematics, Ramco Institute of Technology, in collaboration with Ayya Nadar Janaki Ammal College, Sivakasi, Rajapalayam Rajus’ College, Rajapalayam and V.V.Vanniyaperumal College For Women (Autonomous), Virudhunagar on 25.02.2026.

Books published

1. Dr. K. Basarikodi Prof/Maths, Dr. T. Manimaran, Associate Prof/Maths, Mr. K. Subramanian, Asst. Prof(SG)/Maths, Dr. R. Subasree, Associate Prof/Maths and Dr.G.Selvaraj, Associate Prof/Maths published a book entitled, "Applied Calculus" in Pearson India publishers (First Edition) in October 2025. ISBN: 978-93-713-6473-7
2. Dr. K. Basarikodi, Prof/Maths, Dr. T. Selvaganesh, Asst. Prof/Maths and Dr. S. Saravanakumar Associate Prof/Maths published an activity book entitled, "Applied Calculus - An activity Oriented Approach with competitive edge" in Pearson India publishers in October 2025. ISBN: 978-93-713-6904-6

Patent Published

1. Dr. K. Basarikodi Prof/Maths, Dr. T. Manimaran, Associate Prof/Maths, K. Subramanian, Asst. Prof(SG)/Maths, Dr. T. Selvaganesh, Asst. Prof/Maths, Dr. R. Saravanakumar, Asst. Prof/Maths, Dr. G. Kannan, Asst. Prof/Maths, Mr. S. Muthukumar, Asst. Prof/Maths, Dr. N. Nagamani, Dr. S. Saravanakumar Associate Prof/Maths, Published a pettent on “AI-Driven Mathematical Forecasting System Using Hybrid Regression Models for Dynamic Event Prediction in Financial and Meteorological Applications” Journal No. 44/2025 Dated 31/10/2025.