

Name of the Department : **MATHEMATICS**
Name of the faculty member : SANTHAKUMARI T
Present Designation : ASSISTANT PROFESSOR
Residential Address : 49, 7TH STREET, TEACHER'S COLONY,
 MEETPAR NAGAR, TUCKERAMMALPURAM,
 TIRUNELVELI – 627007
Contact Nos. : **Landline :** **Mobile:** 9952298940
Email :santhakumari940@gmail.com
Gender : FEMALE
Community : BC
Date of Birth and Age : 02/01/1962, 55yrs
Date of joining the present post : 24/09/2012
Date of Retirement :



I. Particulars of Educational Qualification: (Awarded only)Ref.No./Date/Copy to be enclosed

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	MATHEMATICS	1983	S P C College	M K University	78	I
PG	M.Sc.	MATHEMATICS	1985	S F R College, Sivakasi	M K University	63	I
M.Phil	M.Phil	MATHEMATICS	2010	Annamalai University, Chidambaram.	Annamalai University		

I. Additional Qualification : B.Ed.

II. Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
St. John's College	Aided	Assistant Professor	26/09/2012		6	-	7
Total					6	-	7

Seminars attended:

- ❖ Participated in the State Level Seminar on “Application in Mathematics” held on 28th March 2014 organised by the Department of Mathematics, St. John's College, Palayamkottai.

- ❖ Participated in the National Level Seminar on “Recent Trends in Modern Mathematics” held on 27th March 2015 organised by the Department of Mathematics, St. John’s College, Palayamkottai.
- ❖ Participated in the National Level Seminar on “Emerging Trends in Pure and Applied Mathematics” held on 6th January 2017 organised by the Department of Mathematics, St. John’s College, Palayamkottai.
- ❖ Participated in One day National Conference on “Innovations in Mathematics(NCIM -2018)” held on 9th February 2018 organised by the Department of Mathematics, Sadakathullah Appa College, Tirunelveli -11.
- ❖ Participated in the UGC sponsored International Conference on “Emerging Trends in Mathematical Strategies (ETRIMS18)” held on 26th February 2018 organised by the Department of Mathematics, Sarah Tucker College, Tirunelveli -7.
- ❖ Participated in the One day State Level Workshop on “Analysis” held on 7th March 2019 organised by the Department of Mathematics, Sadakathullah Appa College, Tirunelveli -11.
- ❖ Participated in the National Seminar on “Recent Developments in Mathematics” held on 11th March 2019 organised by the Department of Mathematics, St. Xavier’s College, Palayamkottai – 2.
- ❖ Participated in the IQAC Sponsored Faculty Development Programme “Hands-on Training on Interactive Control Board” held on 3rd October 2019 organised by St. John’s College, Palayamkottai.
- ❖ Participated in the seminar on “Swayam MOOCs and National Digital Library” an IQAC Initiative Programme organized by Research Forum of St. John’s College on 01-02-2020.
- ❖ Participated in the One Day State Level Seminar on “ Labeling Problems in Graphs ” organised by V. O.Chidambaram College, Thoothukudi on 27-02-2020.
- ❖ Participated in the International Lecture Series “Applications of Graph Theory in day to day life” held on 27th January 2021 organised by the Postgraduate Department of Mathematics in association with the Internal Quality Assurance Cell, St.Aloysius College, Edathua.
- ❖ Participated in the national webinar on “Application of Civil Engineering in Making Modern India ” organised by Vyas College of Engineering & Technology, Jodhpur on 29-01-2021.
- ❖ Participated in the National Level Lecture Series on Applicable Mathematics - “On Certain Applications of Discrete Mathematics ” organised by Hindustan College of Arts and Science, Coimbatore on 10-02-2021.
- ❖ Participated in the National Level Webinar on “Group Theory Applications to Cryptography ” organised by Nandha Arts and Science College, Erode on 15-02-2021.
- ❖ Participated in the Webinar on “Statistical Tools On Engineering Application” organised by the Department of Mathematics, Arasu Engineering College, Kumbakonam on 24-02-2021.
- ❖ Participated in the National Webinar on “Applications of Mathematics ” organised by PG and Research Department of Mathematics, St.Mary’s College(Autonomous), Tuticorin on 05-03-2021.

- ❖ Participated in the National Webinar on “ International Women’s Day ” organised by Women Development Cell (WDC) & The Department of Lifelong Learning & Extension (DLLE) , SICES Degree College, Ambarnath (West) on 08-03-2021.
- ❖ Participated in the Webinar on “A Part of Continuum Mechanics in our Day to Day Life” organised by the Department of Mathematics, Arasu Engineering College, Kumbakonam on 20-03-2021.
- ❖ Participated in the virtual “International Conference on Recent advancements in Mathematics (ICRAM - 2021)” organised by the Department of Mathematics, Sacred Heart College (Autonomous), Tripattur on 09-04-2021 & 10.04.2021.
- ❖ Completed “Faculty Development Program on Data Science” conducted by E & ICT Academy, IIT Kanpur from 19-04-2021 to 30-04-2021 (2 weeks).
- ❖ Participated in the Webinar on “Real Time Applications of Mathematics in Engineering” organised by the Department of Mathematics, Arasu Engineering College, Kumbakonam on 28-04-2021.
- ❖ Participated in the Webinar on “Quantitative Aptitude & Reasoning skills” organised by the Department of Mathematics, Arasu Engineering College, Kumbakonam on 30-04-2021.
- ❖ Attended the National Webinar on “Research Methodology : Methods & Techniques” organized by A.D.M College for Women Nagapattinam, Tamil Nadu on 07-05-2021
- ❖ Completed the “Faculty Development Program on Advanced Excel with Data Visualization” conducted by E&ICT Academy, IIT Kanpur from 11-05-2021 to 16-05-2021 (1 week).
- ❖ Participated in the National Webinar on “Modelling and Solving Graph Colouring Problems using GRIN Software” organised by Department of Mathematics, Theivanai Ammal College for Women, Vilupuram on 26-05-2021.
- ❖ Participated in the National Webinar on “Mathematical Model Study of COVID-19 Pandemic in the Context of India” organised by AURORA’S Degree & PG College, on 27-05-2021.
- ❖ Participated on in the International Webinar on “ Avenues of Research and Covid ” organised by Department of Chemistry, Career College, Bhopal on 28-05-2021.
- ❖ Participated in the National Level Webinar on “Mathematical Software Workshop” organised by the Department of Applied Sciences & Humanities in Association with Mathematics Club, Universal Engineering College, Thrissur, Kerala from 02-06-2021 to 06-06-2021.
- ❖ Participated in the National Webinar on “Quality Journals: Tools and Techniques for choosing and Publishing ” organised by Fr. Utarid Library of St.Xavier’s college of education, Palayamkottai collaboration with society for the Advancement of Library and Information Science (SALIS), Tirunelveli chapter on 05-06-2021.
- ❖ Participated in the One day National Level Faculty Development Programme on “Professional Guidance on writing Research Articles and Applying for Funded Projects” organised by Sarah Tucker College, Palayamkottai on 07-06-2021.

- ❖ Participated in the Webinar on “BASIC CRYPTOGRAPHY” organised by the Department of Mathematics, JP College of Arts and Science, Tenkasi on 09-06-2021.
- ❖ Performing excellently in E-Quiz on “Complex Analysis” and “Graph Theory” organized by the Department of Mathematics, K.R. College of Arts & Science, K.R.Nagar, Kovilpatti.
- ❖ Participated in the Webinar on “Cosets and Lagrange’s Theorem” organized by the Department of Mathematics, K.R. College of Arts and Science, K.R.Nagar, Kovilpatti on 09-06-2021.
- ❖ Participated in the National Level Online Quiz on Graphy Theory organised by Department of Mathematics, K.R. College of Arts & Science, Kovilpatti, held during 03.06.2021 – 10.06.2021
- ❖ Participated in Two Days Hands Training Programme on “Solving Optimization Problems Using Microsoft Excel and Solver” conducted by the Department of Mathematics, Sengamala Thayaar Educational TRUST Women’s College , Mannargudi on 10-06-2021 and 11-06-2021.
- ❖ Participated in the National Level Webinar on “Application of Linear Algebra in Differential Equation ” organized by Department of Mathematics(unaied), Sadakathullah Appa college, Tirunelveli on 16-06-2021.
- ❖ Participated in the State Level Webinar on “Graphs from Algebraic Structures and its Applications” organized by Department of Mathematics(aied), Sadakathullah Appa college, Tirunelveli on 22-06-2021.
- ❖ Participated in the one day webinar on “ Applications of Finite Volume Method in Heat Transfer Problems” organized by the Department of Applied Mathematics, Sri Venkateswara College of Engineering on 25-06-2021.
- ❖ Participated One Week Virtual Workshop on “Abstract and Linear Algebra” organized by the Department of Mathematics, Karpagam Academy of Higher Education, Coimbatore from 21-6-2021 to 26-6-2021.
- ❖ Participated in the one day e - Workshop on “How To Write Research Paper In LaTeX” organized by the Department of Applied Science, Sagar Institute of Research & Technology, Bhopal on 26.6 2021.
- ❖ Participated in the International Conference on “Advanced Mathematical Modeling and Computational Techniques” organized by the Department of Mathematics, AMET Deemed to be University, Chennai –603112 during 28th to 30th June 2021.
- ❖ Participated in the one day International Webinar on “Recent Advances in Statistics”(RAS-2021) organized by the Department of Mathematics, Institute of Science, GITAM (Deemed to be University), Visakhapatnam, Andra Pradesh on 29.6 2021.
- ❖ Participated in the National Seminar on “ Modeling and Simulation (The Applied World on Mathematics) (MS-2021) ” organised by Department of Mathematics , Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur (C.G.) on 03-07-2021.
- ❖ Participated in the Five days e - Workshop on LaTeX organized by the Department of Mathematics, GITAM, Bengaluru held from 5.7.2021 to 9.7.2021.

- ❖ Participated in the Webinar on “Current Trends in Chemical Graph Theory (CTCGT – 2021 – 2022)” organized by the Department of Mathematics, C.Abdul Hakeem College , Melvisharam - 632509 on 10th July 2021..
- ❖ Passed the National Level Online Quiz on “Quotes On Mathematics” organized by the P.G & Research Department of Mathematics in association with Internal Quality Assurance Cell, The Madurai Diraviyam Hindu College, Tirunelveli on 12th and 13th July 2021.
- ❖ Participated in the Webinar on “ Applications of Queueing Theory ” organised by the Department of Mathematics , Arasu Engineering College, Kumbakonam on 23-07-2021.
- ❖ Participated in Special Lecture titled on “Complex Analysis and its Applications with respect to Mathematical software” organised by the Department of Mathematics , Rathinam College of Arts and Science, Coimbatore held on 24-07-2021.
- ❖ Participating in the Two Week Faculty Development Programme on “Research Advances in Mathematics and its Applications ”organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from August 2 to August 14, 2021.
- ❖ Participated in the Webinar on “Environment Conservation” organized by National Service Scheme & Nature Club of Rathinam College of Arts and Science, Coimbatore on 22.08.2021.
- ❖ Participated in One Week Virtual International Lecture Workshop on “ New Advances in Mathematical and Computational Sciences” (NAMCS-2021) organized by the Department of Applied Mathematics, Yogi Vemana University, Kadapa - 5166005, Andhra Pradesh during 13.09.2021 to 18.09.2021.
- ❖ Participated in the Two-day International Conference on “Recent Trends in Modern Mathematics”(RTMM-2021) organized by the PG & Research Department of Mathematics, St. John's College, Palayamkottai on 23rd and 24th of September 2021.
- ❖ Participated in 5 day FDP on “ Computational Mathematics and Recent Advances in Management Principles” at Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur held from 15.11.2021 – 19.11.2021.

Other Contributions:

- ❖ Served as a committee member in Women's day celebration.
- ❖ Having good results in taking Remedial coaching classes by the college.
- ❖ Taking Entrance Coaching classes.
- ❖ Invigilation duty for MRB, TNPSC and Entrance examinations in colleges.
- ❖ Attended the central valuation - Nov.19 at Sarah Tucker College, Palayamkottai – 627007.
- ❖ Act as External Invigilator for University Examination.
- ❖ Accompanied educational tours for final year students (both UG and PG) from the year 2012 to 2017.
- ❖ Attended the central valuation – Summative Examination – November 2020 organized by COE(A) on Jan. 2021 at Sri Sarada College for Women, Tirunelveli-627011.