



ST. MARY'S COLLEGE (Autonomous)

Re-accredited with 'A+' by NAAC (4th Cycle)

Thoothukudi- 628001, Tamil Nadu


Department of Mathematics

News Letter

2018-2019



Editorial Team

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Assistant Professor of Mathematics
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H.O.D's Message

Dear Faculty and Students,

The Department of Mathematics is thrilled to present the highlights of the academic year 2018-2019. This newsletter reflects our commitment to academic excellence, community engagement, and fostering a culture of growth and innovation. From hosting distinguished seminars and workshops like ISETAM 2019 to celebrating National Mathematics Day, our department has offered enriching experiences to students and faculty alike.

We take pride in the achievements of our students, who have excelled in academics, extracurricular activities, and competitions, securing awards and accolades that bring glory to our department. The certificate and career-oriented courses have equipped them with practical skills, paving the way for their future success

This edition also captures the dedication of our faculty members, whose research contributions and mentorship have been instrumental in shaping our academic environment. As we look forward to another fruitful year, we remain committed to inspiring young minds and making meaningful contributions to the field of mathematics.

With Regards

Dr. A. Punitha Tharani
Head & Associate Professor
Department of Mathematics



Activities of Mathematics Association

On 4th July, 2018 the office bearers *D. JOSLIN AMALA*, *M.SIVAGAMI* and *N. SHENBAGAVALLI* were elected as the President, Vice President and Secretary respectively under the guidance of Dr. A. Punitha Tharani, H.O.D of Mathematics Association meeting was held on 17.09.2018, Dr.V.Sankar Raj, Assistant Professor, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli was the chief guest. The session was on the topic “Applications of Intermediate Value Theorem



The Department of Mathematics celebrated the National Mathematics Day on 20th December 2018. Dr.R.Kala, Professor at Manonmaniam Sundaranar University was the Chief Guest.

The PG and Research department of Mathematics, organized a two day "Instructional School on Emerging Trends in Advanced Mathematics - ISETAM 2019 on 11.02.2019 and 12.02.2019 sponsored by National Board for Higher Mathematics (NBHM). Rev Sr. Flora Mary, Secretary and Rev Dr. Sr. A.S.J. Lucia Rose, Principal presided over the function. The event was divided into six sessions. Dr.T.Baiju, Associate Professor of Mathematics, Manipal Institute of Technology Karnataka, Dr.V.Lakshmana Gomathi Nayagam, Associate Professor of Mathematics, National Institute of Technology, Trichy, Dr.M.Marudai, Honorary Professor of Mathematics, Bharathidasan University, Trichy, Dr. P.Vijayaraju, Professor of Mathematics, Anna University, Chennai, Dr.Ashish Awasthi, Assistant Professor of Mathematics National Institute of Technology, Calicut and Dr. Geetha Sivaraman Assistant Professor of Mathematics, St. Joseph's College, Trichy were the resource persons. They delivered talks on "Emerging Trends in Advanced Mathematics" and the research scholars presented their research papers.






Mentor Mentee System

This initiative promotes a nurturing environment, enabling students to excel in all aspects of their development supporting students' emotional well-being alongside their academic achievements and keeping comprehensive academic profiles and personal records for effective guidance.

Odd Semester Dates : 20.07.2018, 11.08.18, 17.08.18,
05.10.18

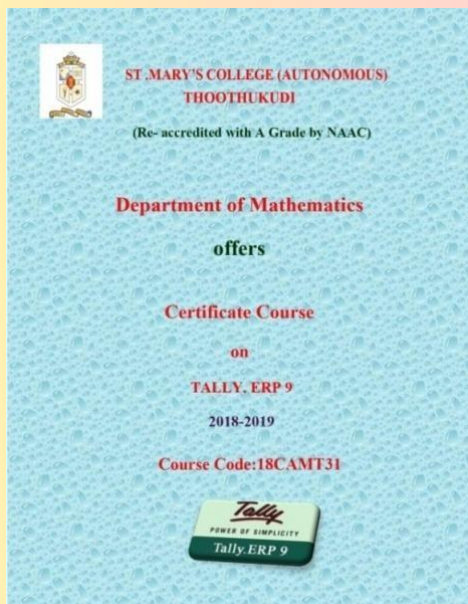
Even Semester Dates : 14.12.18, 21.12.18, 11.01.19,
18.01.19, 08.02.19, 08.03.19, 15.03.19



Certificate Courses

The Department of Mathematics organized a 40-hour certificate course on Tally.ERP 9 for II B.Sc. Mathematics students, spanning from July 4, 2018, to February 6, 2019, with sessions held every Tuesday and Wednesday afternoon.


Out of 54 enrolled students, 51 students successfully completed the course. The program provided comprehensive training in Tally.ERP 9.



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Department of Mathematics
offers

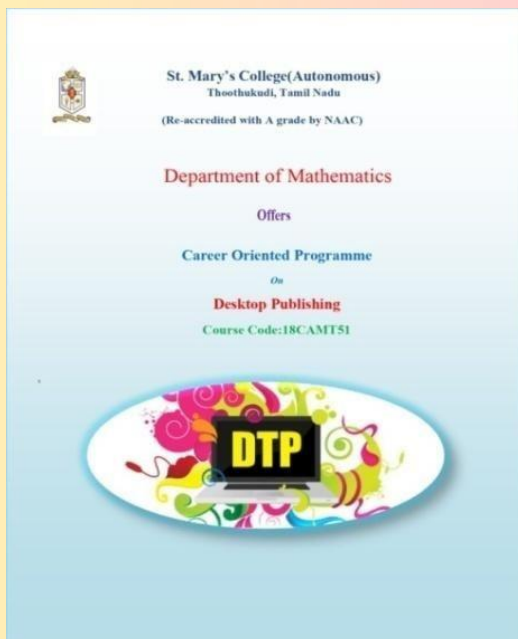
Certificate Course
on
TALLY. ERP 9
2018-2019
Course Code:18CAMT31



Tally
POWER TO SIMPLICITY
Tally.ERP 9



A Career-Oriented Programme on Desktop Publishing was organized for the III B.Sc. Mathematics students for the academic year 2018-2019. This programme, which aimed to equip students with essential skills in graphic design, layout, and publishing software, commenced on 16th July 2018. It spanned over 40 hours, concluding on 14th March 2019. Out of 46 enrolled students, 43 students completed the course successfully.






Board of Studies

The Board of Studies Meeting of the Department of Mathematics was conducted on 23.02.2019 at 10 a.m. in the Guest House of St.Mary's College (Autonomous),Thoothukudi. The subject experts of the board were Dr. A.Lourdusamy, Associate Professor of Mathematics, St. Xavier's College(Autonomous), Palayamkottai, Dr. J.Xavier Adaikalaraj, Assistant Professor of Mathematics, Arul Anandar College (Autonomous), Karumathur, Madurai, University nominee was Dr.N. Soundararaj, Associate Professor of Mathematics, Sri.S.Ramasamy Naidu Memorial College, Sattur. The syllabus and course structure were acknowledged and approved by the Board.

Parent Teacher Association Meet

The Parent Teacher Association held meetings for parents of III B.Sc and II B.Sc students on 29th March 2019 and 1st April 2019, respectively. Parents discussed their ward's academic performance, attendance, and participation with faculty members. Constructive feedback was shared, and parents appreciated the efforts taken by the Department.



Faculty Research Activities

Faculty Name	Publications in Journal	Conference Participated	Seminars participated	Paper present	Workshops attended	FD P's	Refresher Courses	Orientation /Induction Programmes	Training Programmes	Short term courses
Dr.V.L.S tella Arputha Mary	5			1						
Dr.A.Punitha Tharani	8	1			1			1		
Dr.Sr.Kulanthai Therese	2			2	4	1				
Dr.J.Arul Jesti	1			1	2					




Ph.D
Research Centre – New
Scholars

Scholar	Guide	Commencement Date
Sujitha H	Dr. A. Punitha Tharani	21.12.2018
Ferdina A	Dr. A. Punitha Tharani	23.12.2018
E.S.R Francis Vijaya Rani	Dr. A. Punitha Tharani	21.12.2018

Ph.D Awarded

Name of the Scholar	Name of the Guide	Date of Viva-Voce Examination
G. Priscilla Pacifica	Dr. A. Punitha Tharani	29.01.2018
T. Selvi	Dr. A. Punitha Tharani	09.08.2018



Community Development Programme Report

The Department of Mathematics organized a CDP visit to Mettupatti on 20th July 2018. The students of II B.Sc Mathematics took survey and analysed the life style of the people. On 29th September 2018, the department organized a CDP visit to Bethany Convent. Rev. Sr.Decla gave a talk on Prison Ministry and the students organized cultural programme for the old aged Sisters. The department visited Koramballam village on 27th October 2018 and conducted a Plastic Awareness Programme through Human Chain. The second visit to Koramballam was made on 26th January 2019. Trees were planted, celebrated Republic Day on the topic Patriotism and started the family survey. On 2nd February 2019 the students visited the houses and completed the survey. On 16th March 2019 voting awareness programme was organized.



Students Activities – Participation / Prizes

Our students participated in the Math Fest – 2K18 on 05.10.2018 held at St. Xavier's College (Autonomous), Palayamkottai and won the overall shield.

Name	Class	Date	Prize	Competition	Venue
A.Mary Thangam	III B.Sc	11.10.2018	I	Kho - Kho	WCC College, Nagercoil
P.Christina Carolin	III B.Sc	05.10.2018	II	Rangoli	St.Xaviers College (Autonomous), Palayamkottai
J. Juliet Ponselvi	III B.Sc	05.10.2018	II	Rangoli	St.Xaviers College (Autonomous), Palayamkottai
M.Sahaya Josephin Mary	III B.Sc	05.10.2018	II	Rangoli	St.Xaviers College (Autonomous), Palayamkottai
A.Mary Thangam	III B.Sc	22.09.2018	IV	Cross country race	M.S.University, Tirunelveli
S.Pratiksha	III B.Sc	12.09.2018	III	Slogan Writing	St.Mary's College (Autonomous), Thoothukudi
S.Hari Nachiyar	III B.Sc	12.09.2018	I	Essay Writing	St.Mary's College (Autonomous), Thoothukudi
A.Mary Thangam	III B.Sc	09.09.2018	II	100 mts Hurdles	V.O.C. College, Thoothukudi.
A.Mary Thangam	III B.Sc	08.09.2018	II	400 mts	V.O.C. College, Thoothukudi.
S.Pratiksha	III B.Sc	13.08.2018	I	Slogan Writing	St.Mary's College (Autonomous), Thoothukudi

Paper Presentation

1.	Pratiksha .S	III B.Sc	05.10.2018	I	Paper Presentation	St.Xaviers College (Autonomous), Palayamkottai
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Fine Arts

S.No	Name	Class	Date	Prize	Competition	Venue
1.	D.Joslin Amala	III B.Sc	05.10.2018	II	Model Presentation	St.Xaviers College (Autonomous), Palayamkottai
2.	N.Shenbagavalli	III B.Sc	05.10.2018	II	Model Presentation	St.Xaviers College (Autonomous), Palayamkottai
3.	N.Shenbagavalli	III B.Sc	05.10.2018	I	Poetry Writing	St.Xaviers College (Autonomous), Palayamkottai
4	K.Muthumari	I B.Sc	1.10.2018	I	Poetry Competition - Tamil	St.Mary's College (Autonomous), Thoothukudi
5	K.Muthumari	I B.Sc	12.0.2018	II	Elocution - Tamil	St.Mary's College (Autonomous), Thoothukudi

Project by outgoing students

III UG PROJECTS	
No of Projects Submitted	09

S.No	Title of the Projects submitted by III UG students
1.	Fuzzy Sets and Fuzzy Logic
2.	Decision Making Analysis
3.	Convergence and Contraction Mapping
4.	Fuzzy Matrix
5.	Variants of Domination
6.	Matrices In Graphs And Energy Of A Graph
7.	Labelling In Graph Theory
8.	A Study On Topology And Soft Topology
9.	A Study On Nets And Filters In Topological Spaces

Outgoing UG Students Pass percentage

No of Students Appeared	No of Students Passed	Pass Percentage
46	42	91.3

S.No	Name of student enrolled for higher education	Programme completed	Name of institution joined	Name of programme admitted to
1	Angel Kiruba.S	B.Sc. Mathematics	Kamaraj College, Thoothukudi	M.Sc. Mathematics
2	Angel.R	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
3	Arockia Shegali.N	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
4	Banumathi E	B.Sc. Mathematics	APC Mahalaxmi College for Women, Thoothukudi	M.Sc. Mathematics
5	Binoshini.J	B.Sc. Mathematics	Annammal College of Education for Women,Thoothukudi.	B.Ed.
6	Christina Carolyn.P	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
7	Christy Lizy.S	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
8	Gayathri Devi.S	B.Sc. Mathematics	V.O.Chidambaram College, Thoothukudi.	M.Sc. Mathematics
9	Hari Nachiyar.S	B.Sc. Mathematics	A.P. C Mahalaxmi college for women	M.Sc. Mathematics
10	Infanta Jasmine Rushmitha.T	B.Sc. Mathematics	V.O.Chidambaram College, Tuticorin	M.Sc. Mathematics
11	Jenifer Janany T	B.Sc. Mathematics	St. Xavier's College, Palayamkottai	MBA
12	Jenifer.S	B.Sc. Mathematics	V.O.Chidambaram College of Education, Thoothukudi	B.Ed.
13	Jeroma Renicola. J	B.Sc. Mathematics	INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA	CA
14	Juliet Ponselvi. J	B.Sc. Mathematics	Annammal college of education for women. Thoothukudi	B.Ed.
15	Malathi.U	B.Sc. Mathematics	V.O.Chidambaram College, Thoothukudi.	M.Sc. Mathematics

16	Maria Antoney Siyamini.J	B.Sc. Mathematics	V.O.Chidambaram College, Thoothukudi.	M.Sc. Mathematics
17	Maria Joel.P	B.Sc. Mathematics	St. Mary's College (Autonomous), Thoothukudi	M.Sc. Mathematics
18	Mary Thangam.A	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
19	Nagalakshmi.S	B.Sc. Mathematics	APC Mahalaxmi College for Women, Thoothukudi	M.Sc. Mathematics
20	Piramma Sakthi J	B.Sc. Mathematics	Institute of Company Secretaries of India	CS
21	Poovinsal.P	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
22	Pratiksha.S	B.Sc. Mathematics	V. O. Chidambaram College, Thoothukudi	M.Sc. Mathematics
23	Priyadharshini. R	B.Sc. Mathematics	V.O.Chidambaram College of Education, Thoothukudi	B.Ed.
24	Rosita Sahaya Mary.G	B.Sc. Mathematics	V. O. Chidambaram College, Thoothukudi	M.Sc. Mathematics
25	Sandra.N	B.Sc. Mathematics	Lady Doak College, Madurai	M.Sc. Mathematics
26	Santra.S	B.Sc. Mathematics	V. O. Chidambaram College, Thoothukudi	M.Sc. Mathematics
27	Saradha P	B.Sc. Mathematics	Ethiraj College for Women,Chennai	M.Sc. Mathematics.
28	Sheeba.S	B.Sc. Mathematics	V. O. Chidambaram college, Thoothukudi	M.Sc. Mathematics
29	Shunmuga Priya.S	B.Sc. Mathematics	V. O. Chidambaram College, Thoothukudi	M.Sc. Mathematics
30	Sreevarsha.M	B.Sc. Mathematics	V. O. Chidambaram College, Thoothukudi	M.Sc. Mathematics
31	Vennila.J	B.Sc. Mathematics	St.Ignatius College of Education, Palayamkottai	B.Ed.
32	Visvapriya.R	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics
33	Yaamini.K.S.	B.Sc. Mathematics	St.Mary's College (Autonomous),Thoothukudi	M.Sc. Mathematics