



**ST. MARY'S COLLEGE (AUTONOMOUS)
RE-ACCREDITED WITH 'A+' BY NAAC (4TH CYCLE)
THOOTHUKUDI- 628001, TAMIL NADU**

DEPARTMENT OF COMPUTER SCIENCE

ACADEMIC YEAR 2019-2020

EDITORIAL TEAM

**1. MS. S. GNANATHANGAM
HEAD AND ASSOCIATE
PROFESSOR**

**2. MS. J. ANILA MAILY
MS. ASSOCIATE
PROFESSOR**

**3. MS. M. JOTHIMANI
ASSOCIATE PROFESSOR**

**4. SR. K. REETHA
CONTROLLER AND
ASSISTANT PROFESSOR**

**5. MS. S. ANDREWS
FELICITA (MGMT)
ASSISTANT PROFESSOR**

HOD'S MESSAGE

Greetings from the Head of the Department of Computer Science. Department aligned with the vision and mission of our institution strives to empower students through industry relevant and practical oriented curriculum. Seminars and workshops are conducted to widen the knowledge horizon of the students and faculty. Dear students face challenges with courage, consider them as opportunities to learn and grow. Stay honest with yourself and others. Congratulations to all those who have brought laurels to the Department. Glimpse of achievements and activities of the academic year 2019-2020. Wish you good luck.

ACTIVITIES OF THE ASSOCIATION

1. Department of Computer Science organised a guest lecture on 16.09.2019. Mr.M.Veerakkannan, Proprietor , Visual Eyes, Thoothukudi, gave a lecture on “Adobe Flash “.



2. Department of Computer Science Organised a motivational talk on 24.09.2019 Mr. Joseph Benjamin Nattar, Yahoo, California, gave a talk on “How to set goals and Achieve it”



3. Department of Computer Science, St.Mary's College (Autonomous), Thoothukudi signed an MOU with Palo Alto networks on 11.01.2020.

4. Department of Computer Science, St. Mary's College (Autonomous) organized InterCollegiate Competition "Marians Techwizz 20-20" held on February 10, 2020. Seventeen teams from thirteen Colleges participated. Totally seven Technical Events were conducted. Holy Cross Home Science College, Thoothukudi won the Overall Trophy and Kamaraj College won the Runnerup Trophy.



5. On 13th January 2020, The Department Of Computer Science Organized a Placement Drive for III UG computer science students in UG computer science lab. The interviewers of placement drive were Mr. Ilaiyaraja Developer, Entrepreneur, Public Speaker and Founder of Digisailor & Curly Brace, Mr. Saravana Perumal Graphic Designer, Mr. Prithiviraj Software Developer and Mr. Maniganda Moorthy Software Developer.

The Selection list for Training of the placement Drive:

- 1. Angel Treasure*
- 2. Gowri Maheswari*
- 3. Sangeetha Priya*
- 4. Sasithra Devi*
- 5. Selva Kumari*
- 6. Lishanthini*

The Selection list for Job of the placement Drive:

- 1. Agnes Vennila*
- 2. Karim Nisha*
- 3. Ramya*
- 4. Seyad Shifaya*



LAB ACTIVITIES

Lab Practicals	No.of exercises
C programming	12
Discrete Mathematics	12
C++ programming	13
Office Automation	12
Java	13
Data Structures	09
Python programming	13
Web Designing	09
Rdbms	12
.Net	10
Php & MySQL	13
Multimedia Lab	15
Mobile Computing	12



MENTOR MENTEE SYSTEM

The system is a move towards Student Support and Progression. It supports to achieve holistic development of every student in the department. A teacher has a group of 10 – 13 students whose academic and other aspects of their progress are her concern. The teacher takes care to concentrate more on issues related to their psychological needs during periodical Tutor- Ward Meet each Friday from 2.30 p.m. to 4.00 p.m. A record of academic results and bio-data of each of the students is maintained. The mentees met their mentor seven times in the odd semester and seven times in the even semester.



CERTIFICATE COURSES

Name	Year
Android Application Development	III Computer Science Students
Tally ERP 9	II Computer Science Students

Android Application Development

From, Department of Computer Science introduced a career- oriented course focused on Android development for third-year B.Sc. Computer Science students for 60 hours from 11 th July 2019 to 12 th March 2020 . Mr. Ilayaraja served as the instructor, conducting the course after regular college hours from 2 p.m. to 4 p.m. As a culmination of the program, students underwent a practical test, and certificates with grade levels were awarded based on their attendance and performance. A total of 46 students benefited from this initiative.



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 Thoothukudi, TamilNadu.

Department of Computer Science
 Offers
 Career Oriented Course
ANDROID APPLICATIONS
 for the Academic Year
2019 - 2020
 Duration: 60 Hours
 Instructor: Mr. Hayaraja

Course Code: 19CAC51

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
 (Re-accredited with 'A' Grade by NAAC)

CAREER ORIENTED PROGRAMME

CERTIFICATE

This is to certify that Ms. _____ ANGEL TREASURE B _____ of III B.Sc COMPUTER SCIENCE
 has actively participated and successfully completed a course on _____
 _____ **Android Applications** _____ conducted for the academic year
 20 19 - 20 20 with _____ O _____ Grade .

Ray
 Instructor

Lucia Rose
 Principal

Tally ERP 9

The Department of Computer Science launched a certificate course in Tally ERP 9 for second-year B.Sc. Computer Science students, spanning from 9 th July 2019 to 11 th March 2020. Ms. A.C. Luminal assumed the role of the instructor, conducting the course during post-regular college hours (2 p.m. to 4 p.m.). The focus of the course encompassed essential accounting functions within Tally ERP 9, including ledger creation, cash book management. A total of 48 students were the beneficiaries of this course.

Course Modules

TALLY BASICS

- Introduction of TALLY
- ACCOUNTING
 - Company Creation Ledgers
 - Group
 - Vouchers
 - Cash Entry
 - GST
- INTRODUCTION OF GST
 - Gstr Entries
 - Gstr1
 - Gstr2
 - Gstr3b
- INVENTORY
 - Units
 - Stock Item
 - Stock Group
 - Stock Category
 - Godowns
- COST, BUDGET & OTHERS
 - Cost Centre Management
 - Budget Management

Course Code: 19CAC531

Objectives :

- Creation of a company and its Ledger.
- Demonstrate the creation of GST.
- Demonstrating the use of cost centers Introducing various voucher options.
- Demonstrating the profit and loss for a company

Course Outcomes:

- Creating a company and maintaining the stocks.
- Applying GST (IGST & CGST) for products
- Analysing the company's report

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 THOOTHUKUDI 628001, TAMILNADU

Department of Computer Science
 Offers
 Certificate Course
 On
Tally ERP 9
 For the Academic Year
 2019-2020
 Duration: 60 hours
 Instructor: Ms. A. Luminal

Aim: To develop Employability skill

ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
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CERTIFICATE COURSE

CERTIFICATE

This is to certify that Ms. _____ P.Aarthi Angeline _____ of III B.Sc Computer Science
 has actively participated and successfully completed a course on _____
 _____ **Tally ERP 9** _____ conducted for the academic year
 20 19 - 20 20 with _____ A _____ Grade.

A. C. Luminal
 Instructor

Lucia Rose
 Principal

BOS

The Board of Studies Meeting of the Department of Computer Science was conducted on 01.02.2020 at 10:30a.m in the department of Computer Science University Nominee

1. Dr. V. Subha

Assistant Professor

**Department of Computer Science & Engineering,
Manonmaniam Sundaranar University,
Tirunelveli – 627012.**

Mob.No. 9486480605

Email id: Subha_velappan@yahoo.co.in

2.Mr. A. Charles

Associate Professor in Computer Science

St. Joseph's college

Trichy-2

Phone No : 9443494051

Email id: ac_konalai@yahoo.com

3.Dr. P. Velmani,

Assistant Professor in Computer

4.Alumnae

Mrs. A. Dhana Praveena

Assistant Professor in Computer science

St.Xaviers College,Palayamkottai.

Phone No. : 9791833368



MOU

1. Department of Computer Science, St. Mary's College (Autonomous), Thoothukudi signed an MOU with TEKSPEAR solutions. On 12.09.2019 the MOU was signed by Mr. Saravanan, Director and CEO of TEKSPEAR solution and the Principal Dr. Sr. A.S.J. Lucia Rose.



2. Department of Computer Science conducted an association meeting on 12.09.2019. Mr.C.Saravanan,CEO & Director,TEKSPEAR Solutions Thoothukudi, gave a lecture on "Cloud Computing"



PTA

Year	Date	Marksheet Issued
III Bsc	17.08.2019	44
II Bsc	27.09.2019	46
I Bsc	08.02.2020	46

CDP

1. 11 year Computer Science Students visited our adopted area Tharuvaikulam on 09.08.2019 for Roof gardening preparatory work



2. On 10th August 2019 the M.P.K.Kanimozhi inaugurated the roof gardening





3. On 14th September 2019 The Roof gardening was completely setup for four houses.

4. On 26th September 2019 The Roof gardening was completely setup for remaining houses.

UNNAT BHARAT ABHIYAN

**MARIAN GARDENPRENEUR
ROOF-GARDENING**

Date: 07.12.2019

Adopted Area: Tharuvaikulam

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Thoothukudi, Tamilnadu.

The poster features a blue and yellow wavy border at the top and bottom. On the left is a crest with a shield and a crown. On the right is a logo of a person holding a staff. The text is centered and uses various colors (red, blue, black) for emphasis.

INDUSTRIAL VISIT

Department of Computer Science, arranged an Industrial visit on 05.02.2020 to Pondicherry “MANAKULA VINAYAGAR DIGITAL NETWORK”



STUDENT ACTIVITIES

1. Our II yr Computer Science Student S.Kaushika won I prize in Fusion Dance Competition on 21.09.19 at APC College, Tuticorin.

2. Our II yr Computer Science Student B.Maria Graycita won III prize in Short Film Making Competition on 21.09.19 at APC College, Tuticorin.

3. Our Ist year Computer Science Students A.Barshya sahana and J.Marcy Agnes were participated in Ball Badminton Competition on 19.09.2019 at Sri Parasakthi college, Courtallam.

4. S.Kaushika of II Computer Science won II prize in Fusion Dance competition at V.O.C. College, Thoothukudi on 12.10.2019. 9. Our Computer Science Student A.Agnes Vennila of III Computer Science participated in Intercollegiate Competition "CAPTCHA 2K20" conducted by Govindammal Adithanar College, Thiruchendur and won the following prizes on 21.01.2020.

A.Agnes Vennila (III yr)- Debugging - I Prize, M. Lisanthini (III yr) - Web designing - II Prize, Gowri Maheswari (III yr) and S.B.Lavanya - Quiz - II Prize.

5. Our Computer Science Students participated in Intercollegiate Competition "CAPTCHA 2K20" conducted by Govindammal Adithanar College, Thiruchendur on 21.01.2020

Angel Treasure (III yr) - Software Marketing, R.Ruchitha (III yr) - Software Marketing, Sasithra Devi (III yr) - Software Marketing, Sangeetha Priya (III yr) - Software Marketing, R.Ramya and B.Selva Kumari (III yr) - Paper Presentation, Roshini (II yr) - Debugging





6. Our Computer Science Students participated in Intercollegiate Competition “DAWNS 2K20” conducted by Francis Xavier Engineering College, Tirunelveli on 31.01.2020 and won the Over all Runner Trophy Dhasleem Banu and S.Priyanka(III yr) - Art from Waste- I Prize ,M.Lisanthini and Reni Nivetha(III yr) - Mehendi- III Prize ,Rathna Suwetha and Jaya Sree (III yr) - Quiz - ,Short Film III Prize -R.Ruchitha(III yr) ,Syed Shifaya(III yr), Dhasleem Banu(III yr) ,Sangeetha Priya (III yr) ,Sasithra Devi (III yr) ,Joesna (III yr) Angel Treasure (III yr) ,P.Silvia Anusha(II yr) - Photography - III prize,Aarthi Angelin and Marcina(II yr)- Paper presentation.

7. Our Computer Science Students Suganthi Mary.M and Sindhuja.S participated in Paper presentation competition Intercollegiate Competition “XPXSO” conducted by St.Xavier’s College, Tirunelveli on 07.02.2020



STUDENT PROJECT

*NUMBER OF
PROJECTS-10*

HIGHER EDUCATION

**NO.OF
STUDENTS
ADMITTED-29**

PLACEMENT

**NO.OF.STUDENTS
PLACED-3**

