



MARIAN DIGIBITS

2018-2019

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. Students are motivated and encouraged to identify their potential and nurture it. As this academic year is year of harmony, it was practiced and reflected through all the activities. Glimpse of achievements and activities of the academic year 2018-2019.

Wish you good luck!!!

Ms. S. Gnanathangam

Head of the Department of Computer Science

Department of Computer Science
Marian College (Autonomous)
Poothukudi.

Editorial Team

Ms. M. Jothimani

Dean & Associate Professor of Computer Science

Dr.J.Anila Maily

Associate Professor of Computer Science

Sr.K.Reetha

Associate Professor of Computer Science

Ms.Andrews Felcita

Assistant Professor of Computer Science

Computer Science Association

On 4.7.2018 the computer Association was held to elect the office bearers. D.Meghna of III B.Sc. Computer Science, M. Karimunisha of II B.Sc. Computer Science and N.Syed Afia of I Computer Science were elected as President, Secretary and Vice President respectively.

INTERNET OF THINGS



On 16.08.2018 a seminar was conducted on the topic Internet of things. Ms. Jude Hema, Assistant Professor of Computer Science, V.O.C. College Thoothukudi, was the resource person. The session was interactive and informative. She explained about the sensors and how it's going to play a vital role in our future world with some interesting videos.



DIGITAL LITERACY AND ONLINE SAFETY

On 12.12.2018 A Workshop was conducted by the department of computer science on the topic "DIGITAL LITERACY AND ONLINE SAFETY" Ms. Janice Vergesse, Lawyer and Social Activist, New Delhi, was the resource person.



The Students were given awareness about Cybercrime and how to report or remove content from the internet. Around 500 students and 50 staff members attended the seminar.



DEEP LEARNING



On 24-01-2019, a seminar was conducted by the Department of Computer Science, on the topic deep learning. Rev. Fr. Dr. Francis Thamburaj,



Vice Principal (Shift II), Arulanandar College (Autonomous), Karumathur, Madurai was the resource person. The seminar started at 9.30 am with a prayer song. The welcome address was given by Ms. M. Jothi Mani, Associate Professor, Computer Science. The seminar was divided into three sessions. The first session was introduction to deep learning. The second session was the heart of deep learning .The third session was the applications of deep learning. There were several videos and slideshows regarding artificial intelligence, robotics and the nearing future.

PROGRAM TO SUCCESS: ASK



Session on “Program to Success: ASK” was conducted on 20.3.2019 at 11 a.m., in the Star Hall. Mr.Meenakshi Sundaram, Director, Navigator, Thoothukudi was the resource person.

The resource person, insisted that the students should inculcate the habit of reading daily newspapers to keep abreast of the latest developments and

happenings. Mr. Sundaram, stressed the students to develop their communicative skills by reading books and watching English news channels. Success is possible for everyone, by developing the right Attitude, skills and knowledge. Through simple exercises and short video films, the resource person explained the concepts interestingly. It was an interactive and useful session. One hundred and eighteen students and five staff members attended the session.



Lab Activities:

Course Name	No. of. Activities
C programming Lab	12
Discrete Mathematics Lab	12
C++ programming Lab	13
Office Automation Lab	12
Java Lab	13
Html Lab	12
Multimedia Lab	10
Data Structure Lab	09
Rdbms Lab	12
.Net Lab	10
PhP & MySQL Lab	13
Multimedia Lab	15
Mobile Computing	12

CERTIFICATE COURSE:

Android Application Development and Tally was offered as Certificate in the month of August 2018 to the III B.Sc and II B.Sc Computer Science students. Ms. Selva Nithya and Ms. Luminal were the instructors and the classes were conducted during the afternoon hours (2.00 - 4.00 p.m.). A total of 30 hours were completed and 94 students were benefitted out of this program.

Mentor Mentee :

The system is designed to promote **Student Support and Progression**, to address personal, emotional, and psychological needs, fostering balanced and holistic development. 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.

Semester	Date
ODD	13.07.2018
	20.07.2018
	27.07.2018
	03.08.2018
	10.08.2018
	24.08.2018
	31.08.2018
	14.09.2018
	28.09.2018
	05.10.2018
12.10.2018	
26.10.2018	

Semester	Date
EVEN	30.11.2018
	07.12.2018
	14.12.2018
	21.12.2018
	18.01.2019
	01.02.2019
	08.02.2019
23.02.2019	
02.03.2019	
08.03.2019	

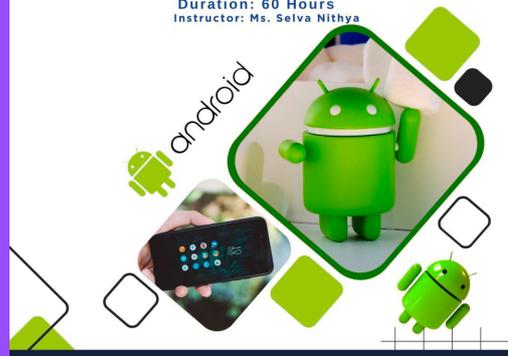
Department of Computer Science
 Offers
 Career Oriented Course

ANDROID APPLICATIONS

for the Academic Year

2018 - 2019

Duration: 60 Hours
Instructor: Ms. Selva Nithya



<p>Course Modules</p> <p>TALLY BASICS</p> <ul style="list-style-type: none"> • Introduction Of Tally • Introduction Of Accounting <p>ACCOUNTING</p> <ul style="list-style-type: none"> • Company Creation Ledgers • Group • Vouchers • Cash Entry • Bank Entry Voucher Option <p>GST</p> <ul style="list-style-type: none"> • Introduction of GST • Tax Creation • Gst Entries • Gstr1 • Gstr2 • Gstr3 <p>INVENTORY</p> <ul style="list-style-type: none"> • Stock Item • Stock Group Stock • Category Godowns • Sale Order Purchase • Order Delivery Note • Receipt Note Rejection • In Rejection Out <p>COST,BUDGET & OTHERS</p> <ul style="list-style-type: none"> • Cost Center Management • Budget Management • Exporting Masters • Exporting Transaction 	<p>Objectives :</p> <ul style="list-style-type: none"> • 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 <p>Course Outcomes:</p> <ul style="list-style-type: none"> • Creating a company and maintaining the stocks. • Applying GST (IGST & CGST) for products • Analysing the companys report 	<p>St.Mary's College (Autonomous) Re-accredited with A Grade By NAAC Thoothukudi-628002, Tamil Nadu.</p>  <p>Department of Computer Science Offers Certificate Course On Tally For the Academic Year 2018-2019 Duration : 60 hours Instructor : Ms. A.Luminal</p>
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BOARD OF STUDIES:

The Board of Studies Meeting for the Computer Science Department was conducted on 24.02.2018 in the Computer Lab. The subject experts of the board were Dr. S. Sethuramalingam Associate Professor & Head Department of Computer Science Aditanar college of Arts and science Virapandiapatnam Tiruchendur, Dr. Mrs. P. Velumani, Assistant Professor of Computer Science M.D.T Hindu college, Tirunelveli, Mr. A. Charles Associate Prof.in Computer Science St.Joseph's college Trichy, Industrialist Mr. Beno Roland, Project Manager, SATHYA Technology(I) Pvt.Ltd Palayamkottai, Alumnae Mrs. A. Dhana Praveena Asst.Professor in Dept of Computer Science St. Xaviers College, Palayamkottai, University Nominee Dr. V. Subha Assistant Professor Department of Computer Science & Engineering, Manonmaniam Sundarnar University. The Syllabus was designed in the pattern of Outcome Based Education.

PTA /ALUMNAE:

The Parents Teachers Association conducted meetings regularly for all the parents and students of the department. The meetings were held respectively for the I, II,III B.Sc. students on 08.02.2019, .10.2018,11.08.2018

The 70th Alumnae Meeting was held at St. Mary's College (Autonomous) Thoothukudi on 2nd March 2019 in the college auditorium. The students visited their Department Staff members and shared their wonderful memories and emphasized on the importance of the bond between the Alumna and the Alma Mater.



STUDENT ACTIVITIES:

ACHEIVEMENTS and LAURELS

- P. Sethu Lakshmi of III year student has uploaded a video in Youtube for the state level competition “Youth Talk – 2018” conducted by “ICTACT of TamilNadu. She was one of the thirty selected among thousand five hundred and participated in regional level Prefinals which was held at St. Xavier's Catholic College of Engineering, Nagarcoil on 28.09.2018 and delivered a speech on “Wisdom of Head and Wisdom of Heart”.
- P. Jayashree of II B.Sc. Computer Science passed the CA foundation.



WEBSS-2K19

In the WEBSS-2K19 competition conducted by Govindammal Aditanar College for Women, Tiruchendur, on 31.01.2019 our students participated and won the following Prizes.Overall shield was also bagged by our students.

- D.Meghna and A.Princy Saral of III B.Sc. Computer Science won I prize in Word hunt
- P .Sethulakshmi and A. Aishwarya of III B.Sc. Computer Science won I prize in Bug Finding
- Princy Saral D. Meghna and Q.Maclitta of III B.Sc. Computer Science won II prize in Software Marketing.



CROSSCOM-2K19

In the CROSSCOM-2K19 competition conducted by Holy Cross Home Science College, Thoothukudi, on 15.02.2019 our students participated and won prizes and the overall shield.



- A.Aishwarya of III B.Sc. Computer Science participated in Niche Marketing.
- Aishwarya and P. Sethulakshmi of III B.Sc. Computer Science participated in Code Chef
- A.Princy Saral and L Thanga Sudha of III B.Sc. Computer Science won I prize in Sorting Race
- D. Meghna of III B.Sc. Computer Science Won I prize in Pseudo Trial.

MARIAN ART FEST 2018-19

Our students actively participated in the Marian Art Fest conducted and won the following prizes.

- P. Sethu Lakshmi of III B.Sc. Computer Science won II prize in Soap Carving.
- M. Lishanthini of II B.Sc. Computer Science won III prize in Art from waste.
- R.Roshini of I B.Sc. Computer Science won III prize in Classical Dance.
- P. Silvia Anushia of I B.Sc. Computer Science won III prize in Photography.

COMMUNITY DEVELOPMENT PROGRAMME

Awareness to avoid Plastics



On 27.10.2018 the second year B.Sc. Computer Science students visited the adopted village Tharuvaikulam. Awareness to avoid plastics was given through cultural programs based on the theme “**No Plastics**”. Around 150 people assembled in front of the church to watch the cultural performances.



Household Survey



On **08.12.18** we made a visit to the Tharuvaikulam village. We prepared Household survey forms in order to take survey of that village. We reached



the village at 10.00a.m. Then we separated into groups and every student was given two forms to fill. The students visited various houses in this village and made a conversation with that village people regarding their economical status, household information, migration status, family members information etc.

Household Survey Continued



Our journey to the adopted village Tharuvaikulam started at 9 a.m. Forty four second year, B.Sc. Computer Science students along with staff members M. Jothi Mani and J. Anila Maily reached the village around 9.30 a.m.



Three hundred and sixty six houses were visited by our students. The Village people co-operated well. All the students enthusiastically and remarkably completed the agenda.



Household Survey Continued



Forty five second year, B.Sc. Computer Science students



along with staff members Mrs. S. Gnanathangam and Sr. A. Sahaya Mercy reached the village around 9. 30 a.m. and undertook the household survey.

Awareness about Voting Rights

Our journey to the adopted village Tharuvaikulam with the second year, B.Sc. Computer Science students along with staff members J. Anila Maily and Sr. A. Sahaya Mercy . The agenda of the visit was to create an awareness about voting rights in the democracy. The students paraded around the bus stand area in the village and raised slogans .



III UG PROJECTS & PASS PERCENTAGE:

A total of 46 under graduate students of III B.Sc. Computer Science submitted about 11 group projects that help students develop skills specific to collaborative efforts, allowing students to tackle more complex problems , share diverse perspectives and delegate roles and responsibilities.

A combination of strategic planning, tailored instructional methods, and comprehensive support systems from the department staff members has made our students to achieve **100% pass percentage.**

STUDENT PROGRESSION AND PLACEMENT:

14 of our students are improving academically to acquire valuable experiences for learning and 4 of our students are successfully placed in employment following the completion of their program as reported to the applicable accreditors.