

Dept. of Computer Science and Applications

Activities 2019-2020

1. Talk on Career Guidance by Alumnae -19th June 2019

There was a session conducted on 19th June 2019 by alumnae of department of Computer Science & Applications regarding the aspects of career development for 2nd and 3rd year students. The session was very interactive and the team had an opportunity to discuss the current trends in the field of career activities.



2. One Minute Flash presentation competition - 25th June 2019

In connection with World Environment Day celebrations, department of Computer Science & Applications conducted a one-minute flash presentation competition on the topic “**Safer Environment Better Tomorrow** “. The competition was held on 25th June 2019 at Computer Applications Lab. The winners of the competition are:

1. Sreelakshmi K. K (Dept of Computer Science & Applications)
2. Angel Maria P Wilson (Dept of MicroBiology)
3. Richil Ann George (Dept of Management Studies)

3. MOU – Industry Academy Collaboration 1 & 2 - 27th June 2019

As a part of building up innovative and creative students, Department of Computer Science and Applications of St. Mary’s college signed two MOUs with the two successful companies Ovoid Studios Private Limited, Paravoor and Tenderwoods Solutions Pvt.Ltd,Kalamasseryrespectively. They are ready to organize various workshops, Internships, seminars, hands on sessions and mini projects for the students and also conduct monitoring and evaluation activities to assess the impact of these activities on participating students.



4. **Research Motivation Class - 28th June 2019**

A research motivation class has been conducted by the passing out student of 2nd year M.Sc. Computer Science, Miss. Jeslin Jerry, for the students of dept. of Computer Science & Applications. The class was about her research project ‘DIGITAL RUBIK’S CUBE USING IMAGE PROCESSING‘ and associated technologies and it was held on 28th June 2019 at Computer Applications Lab. The various methods she used to reach to her final achievement were shown on different slides of her presentation. Algorithms, flowcharts and the various tests she conducted highlighted the immense dedication and hard work she has taken for this project.



5. **Invited Lecture on ‘Top Technology Trends 2019’ - 28th June 2019**

An invited lecture was organized on the topic ‘TOP TECHNOLOGY TRENDS 2019 AND THE JOB THEY WILL CREATE’ by the Department of Computer Science and Applications on 28th June 2019 at St. Joseph’s Seminar hall of St Mary’s College. All the students of the departments of Computer Science & Applications and Management Studies were a part of the elucidative programme. The resource person of the event was Ms.Divya M.B., lecturer in Computer Engineering in Government Women’s Polytechnic College, Thrissur. The lecture was a visual treat of the day-to-day changing technologies and their importance in our life. Artificial Intelligence Engineering, Robotic Process and Animation, Virtual reality, Augmented Reality and Block chaining were the major areas covered in the lecture.



6. 3days Workshop on Website development - 15th July 2019 to 17th July 2019

The Department of Computer Science and Applications has organized one-day workshop on Website development for the students of 3rd BCA 2019-2020. The workshop was 15/Jul/2019 -17/Jul/2019 at Computer Science Lab, St. Mary's College. The Workshop was handled by Mr. Jobin C S (CEO, MDTenderwoods solutions)



7. E-LITERACY WORKSHOP - 19th July2019

Department of Computer Science & Applications of St.Mary's College, Thrissur conducted a computer literacy workshop on 19/07/2019 for the differently abled students of St. Joseph's Special School, Cheroor. There were 10 students from the department accompanied with 2 teachers; the session was from 9.30 am to 3:00 pm. The students presented some computer technology related videos and showed them different educational videos which are specially made for differently abled students. Afternoon there was an entertainment and informative session for them.





8. STUDENT INDUCTION PROGRAM - 26th August 2019

The Computer Science Department of St. Mary's College organized a student induction program on 26th August 2019 at 12:30pm. It was conducted in purpose of developing a healthy relationship among the fresher students and the senior students of the department. It was officially inaugurated by Mrs. Betsy Chacko, Head of the Computer Science department. The student induction program conducted by the department provided a platform for the 1st year students to express their talents and also helped to create a friendly atmosphere among the peers. The event was made colourful by a variety of cultural programs. Students had a fun session with games and several tasks



9. Department Association Inauguration- 27th September 2019

The Association of Computer Science and Applications was inaugurated on 27 September 2019 by Smt. Rincy T A, Asst. Professor in the Department of Computer Science of Prajyothi Niketan College, Pudukad. Respected Principal, Dr. Sr. Magie Jose presided the function. Formal function ended by vote of thanks followed by Smt. Rincy T A delivered a talk on the topic 'INTRODUCTION TO COMPUTER GRAPHICS'. The class was made fruitful by demonstrating various images coded by her. III BCA students presented a video on 'UPCOMING TECHNOLOGIES' which made us travel through the

world of technologies. This inauguration marked the starting of every programme in the academic year 2019 of the department of Computer Science and Application.



10. SWACHH BOT- 'CLEAN AND TIDY COMPUTERS' - 4th October 2019

A Computer cleaning programme was conducted by the department of Computer Science and Applications on 4th October 2019 at 1:30 p.m. as a part of Swatchh Bharat Abhiyan. Six students participated in the programme. They were divided into 3 groups and each group were allocated with particular departments for cleaning. They were given instructions about how to clean the peripherals. Also students from second year BCA made attractive cards to be given to each department. The participants then went to each

department allocated to them, gave cards and cleaned all the computer peripherals in the department using a computer cleaning kit.

Participant Names:

1. Theresa Roy (II MSc)
2. Deepa K U (II MSc)
3. Janani S (I MSc)
4. Simimol K R (I MSc)
5. JubitPincy (I BCA)
6. Anagha K G (I BCA)



11. Karunardram Program – 11th October 2019

As a part of the *Year of Mercy*, St. Mary's college organizes "Karunardram" program every year. The program is for donating food parcel, "Pothichoru" for the needy people in our town. The students of the department of Computer Science and Applications contributed 107 food parcels on 11/10/2019.



12. VisittoAnugrahaSadan - 14th November 2019

On 14th November 2019, First Year BCA students visited AnugrahaSadan, Koodapuzha, Chalakkudy as a part of their CUSSP. There were 21 students accompanied by their class tutors Ms.Besty Chacko (HOD) and Ms.AnjanaJayan. AnugrahaSadan is a centre for cerebral palsied persons with multiple handicaps. There are 28 persons, mostly children, who are totally bedridden. The students interacted with them and entertained them with songs. The authorities told the students about their situations and how they have to be helped for their each and every basic needs. The students also spent some time helping the authorities and the visit was very inspiring for them.





13. Tenderwoods Internship - Dec 21st 2019, Jan 4th and Feb 1st 2020

As a part of building up innovative and creative students, Department of Computer Science and Application of St. Mary's college signed a **MOU** bond with the two successful companies **Ovoid&Tenderwoods**. The first class was about the front end of a website. They were organized in the college computer lab of Department of Computer Science and Application to introduce basics of Java, HTML and CSS.

Internships were organized as a follow up for the classes in the Tenderwoods Company situated in Kalamassery, Ernakulam. The students of 2nd BCA 2019-2020 (31 students) were split into 3 groups. The 1st, 2nd and 3rd groups were scheduled on Dec 21st 2019, Jan 4th and Feb 1st respectively. The students were assigned with different website assignments. Bootstrap applications classes were also given to enhance the programming efficiency.

The whole concept of internship and classes provided a big stage for the students to develop their creative skills.

15. Byteclix 2019 - 22nd January 2020

On 22nd January 2020, the Department of Computer Science and Applications conducted the State Level Annual Seminar Series Byteclix 2019, in the Jubilee Hall at 12:30 PM. The seminar was attended by all the students and teacher of the department and it was graced by the presence of Mr. K. Kumaresan, Assistant Professor of the Department of Computer Science at Sri C AchuthaMenon Government College, Kuttanellur. He then gave an interesting talk on machine learning and he covered the topics like difference between traditional programming languages, big data, Artificial Intelligence and its relevance, elements of AI and types of machine learning. The session was ended with some examples of useful libraries in Python.



16. Q'ZOID 2K19

Q'zoid 2k19 the intercollegiate IT quiz competition organized by Department of Computer science and Applications was held on 29th January 2020. The program was started on 10.00 am with a prayer. There were 40 students participated in the preliminary examination. On the basis of preliminary examination, 8 teams were selected to the main round of quiz competition. After 8 competitive rounds, three teams secured first, second and third positions respectively. During the valedictory section, respected principal Dr. Sr. Magie Jose addressed the audience and distributed the cash prizes. All participants received the certificates. The competition was ended by 1.30 pm with great success.

FIRST PRIZE: Ansar Ali V A & Mano K

College of Applied Science ,chelakkara

SECOND PRIZE: Anitta Sebastain & evika T M

St Joseph College , Irinjalakuda

THIRD PRIZE: Arjun S Nair & Mohammed Shafi P P

M D College,Pazhanji



17. PASS - Together We Can : 24th February 2020

On 24th February 2020, the First year BCA students served as volunteers for a program “Puberty & Adolescent Stimulation Solution (PASS)” organized by an association of PARIVAAR - Trissur (An Association of Parents for Persons with Intellectual and Developmental Disabilities.) at St Mary's College, Thrissur. The program was a One day Workshop for mothers of persons with special needs. There were 21 students of 1st BCA and two faculty members Mrs.Betsy Chacko and Mrs.AnjanaJayan to support the program organizers. Some of the students helped the mothers for registration purpose and a few guided them throughout the program which was held at Jubilee hall. Others often made them comfortable by fulfilling their needs. The program was very useful for those mothers.



18. BRIDGE COURSE

Bridge Courses were provided by the Department of Computer Science and Applications for the first year BCA students. The course aims to provide a basic awareness about various concepts in computer applications for the newly joined students so that they can easily adapt to their syllabus. An entry-level test was conducted on 27/09/2019 prior to the course to assess their knowledge level. Based on their results, the course topics were decided. The details of the course provided are given below:

Course Name	Name of Teacher	Date
Computer Fundamentals	Ms.Jisha George A	03/10/2019
Introduction to Programming Languages	Ms. Betsy Chacko	11/10/2019
Basic Mathematical Concepts	Ms.Sunitha A.C.	23/10/2019
Operating System Concepts	Ms.Deepthy Jose	28/10/2019
Internet	Ms.DhanyaAnto	21/11/2019
MOOC	Ms.Rasmi M	29/11/2019

19. IT CLUB 2019-20 Activities

Speech Competition:

The IT club of department of Computer Science of St. Mary's college-Thrissur organized a speech competition on the topic '**Is Fast Growing Technology Good or Bad for the Psychological State of Human Mind**' on 15th of November 2019. The competition was initiated to create an awareness of impact of IT on human mind. It also helped to enhance the public speaking skills of the students. Most of the IT club members were part of the speech competition and MsAncy C Joshy of 2nd BCA was announced as the winner.

Debate Competition:

The IT club of department of Computer Science of St. Mary's college -Thrissur organized a debate competition on the topic '**Can a Robot replace a Human?**' on 16th January 2020.

Graphic Designing Classes:

Trained IT club members of St Marys College, provided two technical sessions on **Graphic designing** on Jan 31st and Feb 7th, 2020. The classes were very effective and useful to the other students in the IT club.