

# Dept. of Computer Science and Applications

## Academic Year 2015-2016

### World Environment Day Celebration:

As part of world environment day celebration, Department of Computer Science and Application organized a cartoon Competition on 9<sup>th</sup> June 2015. As we all know, the aim of world environment day, is to spread awareness and to encourage people to take action and to protect the **environment**, we gave a topic 'Sustainable Living in Digital Era' to the participating students to visualize their ideas and express their knowledge. Students from various departments participated in the competition. Their creative cartoons were judged by Sri.Jayasurya, Retd Professor, School of Drama, Thrissur.

The winners wre

- Prize 1 : Ms. Anupriya C.S. III BCA  
Prize 2 : Ms. Krishnapriya II DC Chemistry  
Prize 3 : Ms. Nishan A. Salim III BCA



## **Digital India Week celebrations:**

As part of Digital India Week celebration, department of Computer Science and Applications had organized a series of activities.

On 6<sup>th</sup> July 2015 ,the department of Computer Science and Applications and Vocational Studies organized an inauguration program of Digital India Week . The event was inaugurated by our Principal Sr.Dr. Jacinitha by launching the video of Digital India followed by a presentation on “What is digital India “ and an introductory session on Sixth Sense technology by our students . We conducted a rally as a part of Digital India Week. Also there was a demonstration of logo of Digital India by our students.



On 8<sup>th</sup> July 2015 the department of Computer Science and Applications conducted an awareness class on the topic “How to be safe on internet “at Jubilee hall, which was a powerpoint presentation by our student.



On 10<sup>th</sup> July 2015 the department of Computer Science and Applications conducted a group discussion on the topic “challenges and opportunities of Digital India in Kerala society “ .

Both teachers and students participated in the group discussion. A flash mob was conducted by the department of Computer Science and Applications as a closing ceremony of Digital India Week .



### **L'aria Fresca:**

On 4<sup>th</sup> September 2015, Friday 1st year BCA students cleaned the college premises during 9:30 to 10:30 AM as part of L'Aria Fresca. The students were divided into three groups each containing 10 students. One group cleaned the classrooms. Another group cleaned the department labs and corridors. The last group cleaned the college grounds and steps. All students actively participated in this task.





### **Association Inauguration:**

On 7<sup>th</sup> September 2015, the Association of Department of Computer Science & Applications was officially inaugurated by Shri Pradip Somasundaram, play back singer and Principal of Govt.college of Applied Science, Vadakkenchery, Palakkad at 1:30 PM. The venue of the function was the college St.Joseph's seminar hall, where all the students of the department gathered to witness that auspicious moment. Shri. Pradip Somasundaram lighted the lamp and inaugurated the function.

The official function was followed by an interactive session on the topic- "*Latest Trends in Audio Media*". The earlier methods by which people used to record sounds and the various instruments used for the same were discussed in the class. He introduced to us some of the latest software used for sound recording in this modern era. He enlightened us the importance & opportunities available in the field of sound recording. Finally, he also sang a beautiful song for the students, revealing his authoritative grip in the field of music and sound recording. We realized that he is indeed a musical genius. The session was very informative and interesting for the students



## **UGC Sponsored National Seminar**

Now a days cloud computing is becoming more significant as a technology trend. It could reshape the IT sector and its associated market place. The main goal behind conducting such a national seminar is to satisfy the thirst for relevant technological infrastructure and hence came the topic **“Data Mining in Cloud Computing”**. Data mining techniques is an absolutely necessary characteristic for today’s business to make proactive and knowledge driven decisions which in turn helps to predict future trends and behaviors. On 8<sup>th</sup> and 9<sup>th</sup> October 2015, Department of Computer Science & Application, St. Mary’s College, Thrissur had conducted a two day UGC sponsored national seminar. Many students & their faculties from various colleges participated in the seminar.

### **NATIONAL SEMINAR ON DATA MINING IN CLOUD COMPUTING, DAY-1**



Beginning with the blessings of God Almighty, the event started at 9:40 am with the official inaugural ceremony by M.Venkatesan sir, Professor of School of Computer Science & Engineering, VIT University, Vellore. This was followed by the welcome address of Miss Betsy Chacko Head of Computer Science and Applications Department, St. Mary's College, Thrissur. The Presidential Address was delivered by Sr.Marina CMC and Keynote Address was by Dr.Sr.Rani George & Felicitation was done by Dr.Litty Mathew Head of Department of Physics. The first session began at 10:15 am with an interesting class by Dr.M.Venkatesan on the topic "Data mining Research Issues and this was followed by a demonstration class on "Data Mining functionalities Using Rapid Miner Data mining tool". His class was interesting & enriching. He talked about the database, data processing, data integration etc. He also explained about the classification of data mining and its various applications like telecommunication, bank, tax, insurance & various research issues in data mining etc. It was a valuable & informative class for everyone. This session ended at 12:45pm.



On the same day the afternoon session was handled by Dr.S.D.Madhukumar Assistant Prof. Computer science & Engineering, NIT, Calicut on the topic "Cloud Computing: Current Research Directions". He had covered a vast area of data mining & Cloud computing. This session cleared topics like what is cloud computing?, the virtual machine, hyper vision & various combination of clouds computing such as SAACS, PAAS, IAAS – which are the common questions that pops in the minds of the listeners. Next he talked about the cloud architecture and the characteristics of cloud computing and virtualization. Some of the recent free software i.e., resources in cloud for mobile app development were also covered in this session. He gave us a brief description on big data & security using cloud computing, which is a booming development in this field. The paper presentations for both teachers & students started at 3 pm. Student's paper presentation was chaired by Sr.Smitty V Isidhore, Assistant Prof. and Head of Computer science Department Carmel College Mala & teacher's paper presentation was chaired by Dr.Saritha Namboothiri, Assistant

Prof. and Head of Computer Science Department, VTB College, Sreekrishnapuram. The session ended successfully for the day.

## **NATIONAL SEMINAR ON DATA MINING IN CLOUD COMPUTING, DAY-2**



On 9<sup>th</sup> October, the second day of the UGC sponsored National seminar, we had yet another eminent personality from the field for the morning session. The morning session was handled by Dr. Achuthsankar S Nair, head of department of computational biology and bioinformatics, university of Kerala. He gave the audience a glimpse into what is called “BIG DATA”. The class was very interesting because of his different style. His class covered the placebo effect, data deluge, the different storage mediums and techniques etc. The talk ended by 11:30 am. After this talk, there was a paper presentation for the scholar’s which was chaired by Dr. Achuthsankar S Nair sir. Many teachers presented their own papers on a variety of topics. Certificates were distributed during the valedictory function.

### **Intercollegiate Talent hunt competition- Techie Champ:**

A chance for the students to shine and showcase their talents- the “TECHIE CHAMP” was organized by the department of Computer Science and Applications on 9<sup>th</sup> October 2015 . Students from various colleges participated in this event. There were 50 to 60 participants in the preliminary round which was a written round. Among these students 12 were selected. Further rounds included “Group discussion round”, “Extempore speech round” and the final round that is, “Stress interview round”, there were 4 finalists. Ms. Aishwarya from Vimala College Thrissur, won the title ‘Techie Champ’.



### **Anti-Corruption Awareness Week And World Internet Day**

SBT Thrissur and Department of Computer Science and Application, jointly conducted a quiz competition as a part of Anti-corruption awareness week and world internet day on 28/10/15, on the topic "ANTI CORRUPTION AWARENESS WEEK AND WORLD INTERNET DAY" . Students of various departments participated in the competition. Ramakrishna Rao (DGM), Mr. Ajith (SBT manager) and Mr. Ramachandran, Professor, Agricultural University presided as the resource persons. Madhuri Sidharthan and Sofiya K Wilson of 3rd Bcom secured the first prize. The second prize was won by Aparna Jose C & Femil Paulson of Commerce department and Manju Unnikrishnan & Keerthana K K of Commerce department.





## Compulsory Social Service activity

As Part of Social service activities based on the curriculum, department of computer science and applications organized a visit to Christeena Home, Pullazhi (a shelter for every unmarried mothers and homeless children) for the students. Department had collected groceries, books, etc. from the students to spread the thought of sharing it was given to the management of the charity home. We spent the whole day with the children. Students had arranged many games for them and made the children happy. By evening we returned. It was a memorable experience for our students and faculties



### **Computer Literacy Day Celebration:**

As part of Computer Literacy Day Celebration, Department of Computer Science and Application organized a Elocution Competition on 'Latest Trends in IT' to express their ideas and knowledge on the latest trends. The Competition was held on 08-12-15 at Jubilee Hall. Students from various departments participated in the competition. Their elocutions were judged by Dr..Binu, Assistant Professor, Department of Sociology and Ms. Gisha George, Assistant Professor, Department of Computer Science and Applications, St Marys College.

The winners are

1<sup>st</sup> Prize: Rose D Rose (IIIrd English)

2<sup>nd</sup> Prize: Indulekha (IIIrd English)

3<sup>rd</sup> Prize: Aiswarya C. Nair



## **Industrial Visit:**

On 01-02-16 the final year students of BCA department, and I MSc students were taken to QBurst Technology, Info Park, Koratty as a part of industrial visit. The session started with an introduction about their company and the services offered by them. They gave an insight on the latest technologies they are using and its relevance in the current era of technology. The students were also familiarized with the organization and the environments. They also made the students aware of the various opportunities available in the software field.



## Memory Mapping Contest:

IT club in association with Department of Computer Science and Applications of St. Mary's College, Thrissur organised a 'Memory Mapping Contest' on 15.02.16 Friday at 2.30 pm. The students from various departments participated and were guided by Teachers-in-charge.

The famous company symbols and their slogans are shuffled and displayed for 10 Minutes. The contestants were asked to match, memorize and reproduce the same in the paper they are provided. They were given 5 minutes to map and mark down the answers. The Winners of the contest were: The first prize: Miss. Athira Krishnan of Botany Department, second prize: Miss. Suryachand P C of Department of Computer Science and Applications, third: Miss. Ann Joseph of Commerce Department.



## Annual Seminar Series BYTECLIX – 2016

**BYTECLIX-2016**, the State Level Seminar Series for the academic year 2015-2016 was inaugurated by, Smt. Frilly Francis, Managing Partner, Okeydoke Software Solutions, Thrissur on 18<sup>th</sup> February 2016. She delivered a talk on '**Latest trends in software Techniques**'. The experience from the software field was a great inspiration for students.



## Computer Literacy Workshop:

A Computer Literacy Workshop was organized by Department of Computer Science and Applications for the students of St Marys School, Chiyaram on the Topic 'How to be Safe on Internet' by Ms. Sowparnika , II BCA student. The session on how to be safe on internet was presented in accordance with the latest upcoming technology -The sixth sense technology was also given to them through interactive videos. The session was informative and enriching for the students. The brochure Bodhi that provides information regarding the safety measures while using internet was also distributed to them. The session ended successfully with all the co-operation and support of all staff and students.



### **Carrier guidance Class and Aptitude Test:**

A carrier guidance class on the topic “Computer Networks”, was organized by the department of Computer Science and Applications on 26<sup>th</sup> February 2016 . Resource Person was Mr.Finny and team, LiveWire Technologies, Thrissur for the final year students of BCA. The session concentrated on the latest trends and opportunities in the area of Computer Networks. Later they gave an overview of the courses offered by them. An aptitude test was also conducted and the toppers of the aptitude test was given an opportunity to attend a networking workshop organized by them. The session was very useful for the students to understand the area of networking and careers in the corresponding field.