

ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-607001

PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

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ASSOCIATION REPORT (2019 – 2020)



1. NATIONAL LEVEL SEMINAR ON VISUAL COMMUNICATION AND MEDIA ROLE IN TAMIL NADU

With the blessings of Lord Almighty, PG and Research Department of Computer Science organized the National Level Seminar on the topic “Visual Communication and Media Role in Tamil Nadu” on 11.07.2019 in Rev.Fr. Paulraj Kumar Hall with 61 Registered. The Welcome Address was delivered by Mr.M.Arurai Selvam, Vice-Principal and Head, PG and Research Department of Computer Science and introduced the chief guest. The event was blessed by Rev.Fr. Secretary by delivering the Presidential Address. The function was felicitated by the Principal, Controller of Examinations and Dean of Studies for both Shift-I and Shift-II



Welcome Address by Mr. M.Arurai Selvam

Honoring the Principal by our HOD with Shawl

The keynote address was given by Dr.L. Chinnappan, Head, Department of Visual Communication, Loyola College, Chennai in the topic “Visual Communication and Media Role in TamilNadu” with relevant illustrations.



Session Handled by the Resource Person Dr.L.Chinnappan

He also discussed about the role of social media interactivity, connectedness, and user-generated content. Nowadays, the use of social media has become a necessary and daily activity. The resource person clarifies how social media is typically used for social interaction and access to collect news and information. It is a valuable communication tool with others locally and worldwide, as well as to share, create, and spread information. He also talks about the CRM on social media can influence consumer's purchase decisions through reviews, marketing tactics and advertising.

Essentially, social media vastly impacts our ability to communicate, form relationships, access and spread information, and to arrive at the best decision. Finally, he concluded impacts of visual communication in social media. Participants eagerly shared their feedbacks. The certificates were distributed to the participants finally the vote of thanks was given by Mr.S. Antony Jones, Association president.

2.INTERNATIONAL SEMINAR ON BUSINESS ANALYTICS / INTELLIGENCE

With the blessings of Lord Almighty, PG and Research Department of Computer Science organized the International Technical Seminar on the topic Business Analytics / Intelligence on 26.07.2019 at 11.00 AM in Rev.Fr.M.A.Ratchagar Hall with 66 registered participants comprising the students and staff members of various colleges.

The Welcome Address and introduction of the Chief Guest for International Seminar was delivered by Mr.M.Arumai Selvam, Vice-Principal and Head, PG and Research Department of Computer Science. The event was blessed by Rev.Fr.Secretary by delivering the Presidential Speech. The function was felicitated by the Principal Dr.S.Chinnappan, Rev.Fr. Dr. S. Xavier, Controller of Examinations and Rev.Fr. A. Alex, Dean of Studies for Shift-I and Dr. P. James Mary, Dean of Studies for Shift-II. The Session for International Seminar was presented by Dr. S. Chittibabu@ Govindarajulu, Ph.D. Associate Dean, College of Business and University of Denver.



Session Handled by the Resource Person

This session was comprised of various presentations on Business Analytics/ Intelligence, and its related tools, methodologies applied to conduct next generation research with minimal cost. Some of these tools include spreadsheets, online analytical processing, reporting software, business activity monitoring software, and data mining software. Finally, he concluded about the Business Intelligence vs. Business Analytics these variances reflect trends in business language and job growth, the size and age of an organization, and whether an organization desires to invest in a present or future focus.

3.NATIONAL LEVEL WORKSHOP ON ANDROID DEVELOPMENT

With the blessings of Lord Almighty, the PG and Research Department of Computer Science organized the National level workshop on Android Development on 23.09.2019 at 10:30 AM in Rev.Fr.Paul Raj Kumar Hall with 31 participants from various colleges.

The Welcome Address was delivered by Dr.M.Arumai Selvam, Principal and Head, PG and Research Department of Computer Science. This event was blessed by Rev.Fr. Secretary with the presidential address. This function was felicitated by Dr.J.JonArokiaraj, Vice- Principal, Rev.Fr. Dr. S. Xavier, Controller of Examinations , Rev.Fr. A. Alex, Dean of Studies for Shift-I and Dr. P. James Mary Dean of Studies for Shift-II.



Welcome Address by Our HOD



Session Handled by **Mr.A. Velumurugan**

The workshop session started in the M.Sc., (IT) Lab by Mr. A. Velumurugan Assistant Manager, JIO Telecom, Cuddalore. This session had multiple presentations related to android development, android tools, and its applications.

He also talked about how Python used for data science tools like SciPy, Numba, Cython, Dask, Vaex...etc. He discussed about CIPy has long been useful for providing convenient and widely used tools for working with math and statistics and also about Numba lets Python functions or modules be compiled to assembly language via the LLVM compiler framework. Finally, he discussed about Cython it transforms Python code into C code that can run orders of magnitude faster. This transformation comes in most handy with code that is math-heavy or code that runs in tight loops, both of which are common in Python programs written for engineering, science, and machine learning... etc.



Participants in the Sessions



Participants Discussed with the Resource Person

Students and staff from various colleges attended the workshop and got benefitted. At the end of the session feedback was collected from the participants. Finally, the Certificate was distributed to the Participants. The vote of thanks was delivered by Mrs. J. Hemalatha, Association President for Shift-II.

4.EXTENSIONACTIVITY

Title of the Extension Activity : Computer Literacy Programme

Date : 14/10/2019

Venue : Government Elementary school, Shanmuga Nagar, Portnovo,Cuddalore.

PG and Research department of Computer Science organized computer literacy programme for government elementary school under extension activity. Students from II M.Sc. Computer Science were organized this programme with the guidance of Mr.J. Jayapal and Mr.A.Arun Benedict , Assistant Professors, PG and Research Department of Computer Science.



Entrance of the School Honouring the Head Master of the School

They reached the government elementary school by 10.00 am. The school has got only primary classes. There were two teachers for the school and there were only around 25 students on that day. The students were taught about basics of computers, the laptop and how it has to be operated. It was very helpful to them. Also conducted some games like Music chair and distributed prizes for the winners.



Welcome Address by Mr.J.Jayapal

We gave Note books, pens, pencils, erasers, sharpeners for students and chalk piece boxes to the school. Further we gave them volley ball and ring ball for students to play in their ground. we provided some eatables like biscuits and cakes. Teachers and students of that Government Elementary School of Portnovo were very kind with us. Then at about 2.00 PM on 14.10.2019 we returned to Cuddalore. The above extension programme was very useful to students of that government school.

5.NATIONAL LEVEL HANDS ON WORKSHOP IN PYTHON PROGRAMMING

With the blessings of Lord Almighty, the PG and Research Department of Computer Science organized a National Level Hands on Workshop in Python Programming on 21.01.2020 with 32 registered participants from various Colleges

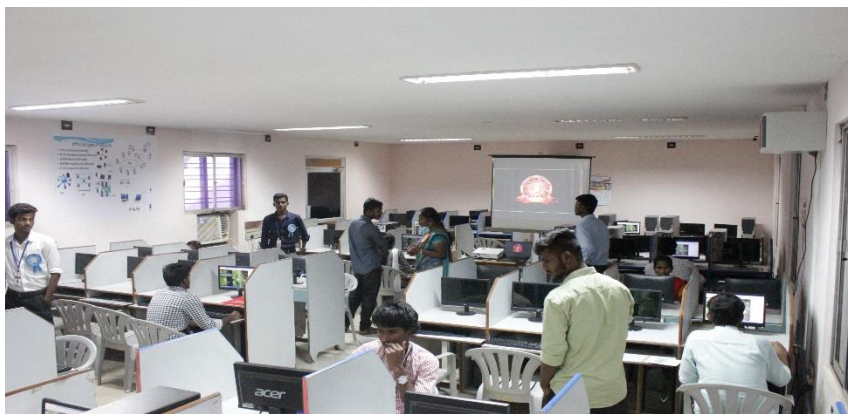
The Welcome Address started with an introduction of the chief guest by Mr.M.ArumaiSelvam, Principal and Head, PG & Research Department of Computer Science. The event was blessed by Rev.Fr. Secretary with his Presidential address. The function was felicitated by Vice-Principal, Controller of Examinations and the Dean of Studies.



Session handled by Mr. V. ARULRAJ

The Session was handled by Mr. V. ARULRAJ, Software Developer, St. Patrick Software Solutions, Puducherry, in the topic “Hands on Workshop in Python Programming”. He discussed about Python which is commonly used for developing websites, software, task automation, data analysis, and data visualization. He also talks about comparison of various programming languages with Python. It is a popular general-purpose programming language that can be used for a wide variety of applications.

It can also be extended to make system calls to almost all operating systems and to run code written in C or C++. Due to its ubiquity and ability to run on nearly every system, Python is a universal language found in a variety of different applications.



Resource Person, Students working on Python Programming

He also delivered the practical session about the Python Programming Language, its tools, advantage and disadvantage. The workshop was lively and more useful. It made the students to understand and execute their own sample python programs.

Many new concepts were explained which helped the participants to learn python programming in easy way. Finally, feedback was collected from the student which was collectively positive. The seminar was very useful to learn Basics of Python Language & its uses. The students and staff members of various colleges participated in the workshop and received the participants' certificates. At the end of the session, Mr.S. Antony Jones, Association president, delivered the vote of thanks.

6.EXTENSION ACTIVITY

Title of the Extension Activity : Cyber Security

Date : 18/03/2020

Venue : St. David Higher Sec. School, Cuddalore, Old Town

Our PG and Research department of Computer Science II-Msc student (shift-I) conducted the extension activity on Cyber Security at St. David Higher Sec. School, Cuddalore, Old Town on 18-03-2020



Welcome Address given by the Our department Staff

Dr. M. Arumai Selvam, Head, PG and Research Department of Computer Science has given the permission to conduct the cyber security awareness programme at St. David Higher Sec. School, Cuddalore-OT. The programme is guided by **Dr. A.R. Johnson Durai** and **Dr. T. Miranda Lakshmi**, Assistant Professors of PG and Research department of Computer Science.



Our students handling the session. Nearly 80 Students has Participated

The student from II-M.Sc. **Mr. Jayakumar** has handled this program to create an awareness about the topic of “**Cyber Security**” Explain about the Cyber wing and how we secure our mobiles and laptops from the cyber-crime and hacking.



Honouring the Head Misters of the School Vote of thanks by the school staff