

## ICT / COMPUTING SKILLS

Higher education systems have grown exponentially in the last few decades to meet the demands of quality education for all and the last two decades has witnessed the inclusion of ICT for innovative teaching. Though it is a challenge to holistically integrate the technology in the management and delivery of learning programmes it has become absolutely necessary. It significantly contributes to good quality education and leads to improved student learning and better teaching methods. The introduction of ICT in the college had profound implications in the teaching process especially in dealing with key issues of access, equity, management, efficiency, pedagogy and quality. Every faculty is provided with a Samsung Tab and the class rooms have the necessary ICT required infrastructure for optimal usage of the ICT tools.



**Jr. M. SIVARAJAN** M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
**MAR GREGORIOS COLLEGE OF ARTS & SCIENCE**  
MOGAPPAIR WEST, CHENNAI - 600 037.

**ACADEMIC YEAR 2016-2020**

**DEPARTMENT OF COMPUTER SCIENCE**

**SEMINAR: LIVE WIRES**

**DATE: 23<sup>rd</sup> AUGUST 2016**

A seminar was conducted by “LIVE WIRES” for final year students. Livewire promote niche training in IT, Electronics & Electricals creating experts for emerging technology industries and specialist technology jobs. It was held in AV room on August 23, 2016.



**Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,**  
Principal  
**MAR GREGORIOS COLLEGE OF ARTS & SCIENCE**  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**TECHNICAL SYMPOSIUM**

**DATE: 9<sup>th</sup> SEPTEMBER 2016**

A technical Symposium “TECH ARENA’16” was conducted by the department on 9<sup>th</sup> September 2016. Ms .Amanda Cagle, Team Manager of ZOHO, who had presided as a Chief Guest and delivered her address about current technologies of IT. Our Former Principal Dr.P.Prakasam has attended the department function as a Guest of Honour. Tech Arena acted as a platform for the UG and PG students to interact, learn, exhibit and compete in the events of academic and general interests.



**Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,**  
Principal  
**MAR GREGORIOS COLLEGE OF ARTS & SCIENCE**  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF BCA**

**WORKSHOP “WEB & JAVA APPLICATION DEVELOPMENT”**

**DATE: 3<sup>rd</sup> FEBRUARY 2017**

The Department of Computer Application and Computer Science organized Workshop on “WEB & JAVA APPLICATION DEVELOPMENT”. The main objective of the workshop is to gain thorough knowledge in to web design principle and learn how to implement practiccally. Mr. K. Khaja Mohideen, Asst. Prof., Aalim Muhammed Salegh College of Engineering was the resource person.



Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**ARENA ANIMATION**

**DATE: 10<sup>th</sup> OCTOBER 2017**

**Arena Animation and NIIT conducted** seminar to all UG and PG students. The Seminar was held on 10th October 2017 in AV room. Nearly 50 students were participated.



Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**ROBOTICS LAB RESEARCH ACADEMY**

**DATE: 5<sup>th</sup> JANUARY 2018**

The department arranged various seminars from “**ROBOTICS LAB RESEARCH ACADEMY**” to all UG and PG students on 5<sup>th</sup> January 2018. The Resource persons R.Vinoth Kumar and F.M Mohammed from Robotix Lab Research Academy, a pioneer Educational Services Academy in the field of Robotics and Automation is 10 years old and has the experience of training over 15000 students of different age group.




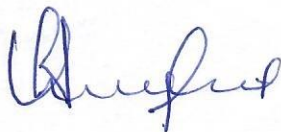
Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER APPLICATION**

**WORKSHOP ON ANDROID APPLICATION DEVELOPMENT**

**DATE: 29<sup>th</sup> AUGUST 2018**

Department of Computer Application, Shift – I conducted workshop on “**ANDROID APPLICATION DEVELOPMENT**” for final year students on 29th August 2018. Mr. Jenno and his team from Excel Corp demonstrated and created a new application using Android Studio. They also detailed the career opportunities in the field of Application Development.



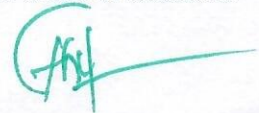
Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**TECHNICAL SYMPOSIUM**

**DATE: 24<sup>th</sup> SEPTEMBER 2018**

A technical Symposium “TECH ARENA’18” was conducted by the department of Computer Science on 24<sup>th</sup> September 2018. Mr.P.Srinivasan, Director of Thai Technologies came as a Chief Guest and our ALUMNI Mr.R.Arun Vijay, S/W developer and Actor came as a Guest of Honour. They enriched students with knowledge of working principle and designing of webpages in Internet. Chief Guest delivered his speech, centered on the job opportunities in IT field and current technologies like, data science, Python, R programming languages, etc., Guest of Honour shared his wonderful words of encouragement with the students on hard work and team work. Interestingly, he explained how the TechArena was created, when he was studying at MGC. He also spoke about IT field. This symposium witnessed the enthusiastic participation of over 170 students including UG and PG students.



Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOCAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER APPLICATION**

**WORKSHOP ON ANDROID APP DEVELOPMENT**

**DATE: 28<sup>th</sup> JUNE 2019**

Department of Computer Application organized a workshop for the B.Sc Computer Science and BCA students of Mar Gregorios College on 28<sup>th</sup> June 2019. The major objective of the workshop was to make the students to know, how to develop new app using Java swing and XML. This program is conducted as an induction program to start an Add on Course on “ANDROID APP DEVELOPMENT” for the benefit of students of MGC. Mr. S. Kalidas, Technical Head, IFANDFOR ENDEAVUORS was the resource person. He motivated the students by developing simple app using Android Studio and Android simulator. He also demonstrated how the face book and other social media’s password were hacked by the intruders



Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOCAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**FIIT**

**DATE: 12<sup>th</sup> JULY 2019**

Department of Computer Science organized seminar for B.Sc and M.Sc Computer Science students in AV room on 12 th July 2019. The resource persons came from “FIIT FORMACIAN PVT LTD”, Chennai. FIIT provides top IT training, placement and consulting.



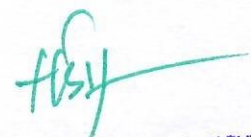
**Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.**

**DEPARTMENT OF COMMERCE [C.A]**

**SEMINAR ON “ADVANCED EXCEL REPORT GENERATION OF  
COMMERCE AND RECENT TRENDS IN PYTHON APPLICATION”**

**DATE: 16<sup>th</sup> AUGUST 2019**

Department of Commerce [C.A] shift – II conducted a seminar on “ADVANCED EXCEL REPORT GENERATION OF COMMERCE AND RECENT TRENDS IN PYTHON APPLICATION” on 16 August 2019 in New Auditorium from 3.00 pm to 5.30 pm. The resource person Mr. R. Karthick, Manager If and for endeavours presented the speech of advanced excel report generation could be used in the commerce applications. The resource person Mr. Kalidas, founder, If and for endeavours presented the excellent demo of Python programs to the students from our department.



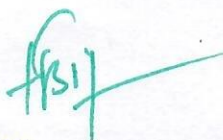
**Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.**

**DEPARTMENT OF COMPUTER SCIENCE**

**IOT WITH PYTHON**

**DATE: 20<sup>th</sup> AUGUST, 2019**

The Department of Computer Science conducted workshop on “IOT WITH PYTHON” on 20<sup>th</sup> August, 2019 venue in UG Lab, Mar Gregorios College at 9:00AM. The resource persons are Mr.S.Senthilvel and Mr.G.Sathyamoorthy from SLN Technologies, Chennai which was founded in the year 1995 is an AS 9100 and ISO 9001-2000 company based in Bangalore, with branches all over India.



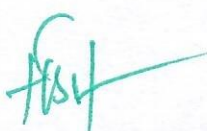
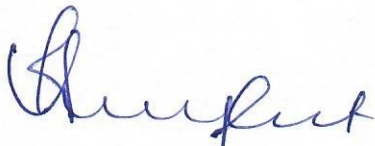
Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER APPLICATION**

**SEMINAR ON IOT**

**DATE: 22<sup>nd</sup> AUGUST 2019**

The Department of Computer Application organized a seminar on “IOT” on 22nd August 2019. Around 150 BCA students were the participant. The Resource person was Mr. S. Kalidas, Technical Head, IFANDFOR Endeavour. He explained the IOT concepts and demonstrated the projects related with IoT.



Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION SCIENCE**

**CERTIFIED ONE DAY WORKSHOP ON “INTERNET OF THINGS (IOT)” USING  
ANDROID AND PYTHON PLATFORM.**

**DATE: 30<sup>th</sup> AUGUST 2019**

Department of Electronics and communication science of Mar Gregarious College in association with If and for Endeavour technologies, Chennai, conducted a certified one day workshop on 30<sup>th</sup> August 2019, on “INTERNET OF THINGS (IOT)” USING ANDROID AND PYTHON PLATFORM. The motive of such workshops was that students can understand the grooming technologies in the area of IOT which provides a platform for hands-on experience on state-of-the-art technologies and could be beneficial to the students for developing a novel project work. 91 participants have participated in this workshop which includes 4 faculty members. The resource persons Mr.S.Kalidas shared their insights on real life scenarios, practical use cases and their solutions on Internet of Things and hands on development using various IOT kits. The lecture was focused on he key concepts related to the Internet of Things and the participants received a brief overview of the following topics:

- Introduction to the Internet of Things
- The Arduino Platform
- The Python Platform
- Reading from Sensors
- Programming fundamentals

*Sarika*



Jr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.



**DEPARTMENT OF COMPUTER APPLICATION**

**WORKSHOP ON PYTHON THEORY & ITS APPLICATIONS**

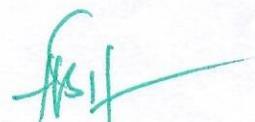
**DATE: 6<sup>th</sup> DECEMBER 2019**

A workshop entitled “Python Theory & its Applications” an Intercollegiate Workshop was organized by the Department in association with Computer Society of India on 6th December 2019. Sessions and guests were Python Basics by Mr. Prakash Subramanian, Research Assistant, Machine Learning using Python by Mr. Rajesh, Research Assistant and Data Visualization by Dr. Shobana, Research Assistant. The Workshop was presented as three interesting sessions by the resource persons from Theoretical Computer Science, Global Theoretical Research Centre, Chennai and Rajalakshmi Engineering College.

Session I: Python Basics by Mr. Prakash Subramanian, Research Assistant.

Session II: Machine Learning using Python by Mr. Rajesh, Research Assistant.

Session III: Data Visualization by Dr. Shobana, Research Assistant.



**Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,**  
**Principal**  
**MAR GREGORIOS COLLEGE OF ARTS & SCIENCE**  
**MOGAPPAIR WEST, CHENNAI - 600 037.**

**DEPARTMENT OF COMPUTER APPLICATION**

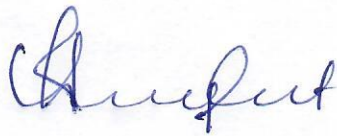
**MACHINE LEARNING WITH PYTHON THEORY**

**DATE: 24<sup>th</sup> JANUARY 2020**

The workshop titled “MACHINE LEARNING WITH PYTHON THEORY” was organized on 24th Jan 2020 by the Department. The Workshop was presented as two interesting sessions namely Python Basics and Python by the resource persons by Mr.Chandira Sekaran.P, Project Lead and by Mr. Chandira Sekaran.P, Project Lead from Dynamiq Consultancy, Chennai. The Workshop was presented as two interesting sessions by the resource person from Dynamiq Consultancy, Chennai.

Session I: Python Basics by Mr. Chandira Sekaran .P, Project Lead.

Session II: Machine Learning using Python by Mr. Sivakumar, Project Lead.



Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.

**DEPARTMENT OF COMPUTER SCIENCE**

**NIIT TECHNOLOGIES**

**DATE: 25<sup>th</sup> JANUARY 2020**

The Department of Computer Organizes Seminar for B.Sc Computer and M.Sc computer Science students on 25<sup>th</sup> January 2020. The resource person came from “NIIT TECHNOLOGIES”, Chennai. He informed about an ample of the job opportunity in Data science and AI. Students felt that it was a fruitful session.



Dr. M. SIVARAJAN M.B.A., M.Phil., M.A., M.Phil., Ph.D.,  
Principal  
MAR GREGORIOS COLLEGE OF ARTS & SCIENCE  
MOGAPPAIR WEST, CHENNAI - 600 037.