



ACADEMIC ACTIVITIES 2019- 2020

DEPARTMENT OF COMPUTER SCIENCE



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1. **“Swayam – NPTEL Awareness Campaign”** was organised on 11th September, 2019 by the students of the department to create awareness among the student community about NPTEL Free online courses, registration procedures and advantages of getting certified by MHRD. Over 250 students from various departments of both shifts attended the campaign and were benefited. The awareness program was also organised for the faculty members of both shifts at Mildred Allen Computer Lab from 12.30 to 1.30 p.m. on 11th July, 2019. Help desks were set up at three locations: the Auditorium Foyer, the entrance of the Science Block, and the Centenary Block. Sessions were held between 10:00 a.m. to 10.20 a.m., 12.00 p.m. to 12.20 p.m., 1.30 p.m. to 2.30 p.m. and 3.30 p.m. to 3.45 p.m.
2. A Seminar on **“Leadership and Preparation for Placement”** was conducted for final year students of the department on 3rd August, 2019 by **Ms. Eva James, Head, IT Services, Renault Nissan Techno Centre, Chennai**. The students enthusiastically participated in the group discussion and other activities.



3. A Faculty Development Program (FDP) on **“Online Tests using Google Forms”** was organised on 10th September, 2019 for faculty members of Shift I. A total of 23 faculty members took part in the program, receiving a demonstration on creating Tests/Quizzes using Google Forms. The session also covered sending assessments to respondents, collecting responses and analysing the results. The Resource

persons for the workshop were Ms. L. Jessilla Malarvizhi and Ms. M. Mercy Evangeline.

4. A Workshop on “**Embedded Systems**” was organised on 18th November, 2019 for the final year students of B.Sc. Computer Science. The resource person, **Dr. G. Kumar Sathian, Retd. Head, Department of Physics, Madras Christian College, Chennai** gave a brief introduction to Embedded Systems and Embedded Microcontroller ATMEGA, while presenting real life examples of how problems can be solved using IOT. His team conducted a live demonstration, provided hands-on experience on Light and Heat Sensors, while also exploring its functionality and application.



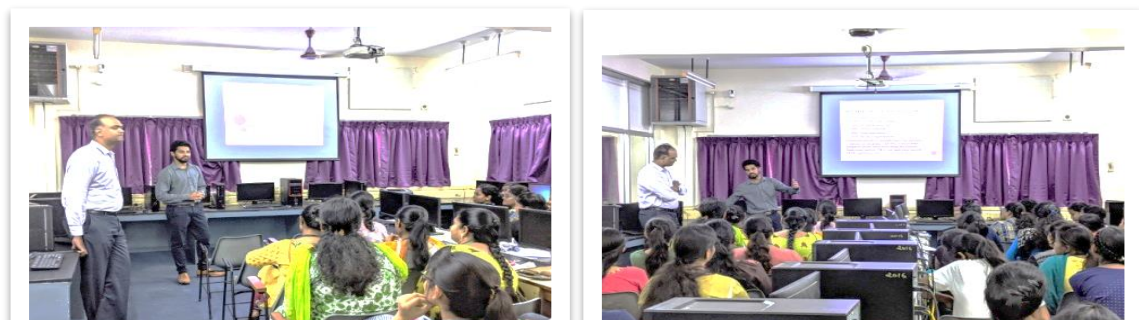
5. An International Conference on “**Recent Advances in Communications and Computing Technologies (ICRACCT 2020)**” was organised by the Department of Computer Science (Shifts I & II) on the 24th and 25th of January, 2020 on campus. The conference had 4 Lead Lectures, 9 Session Talks, 3 Paper Presentation Sessions and 1 session on Poster Presentation. 32 papers and 12 posters were presented during the conference. **Thiru. Santhosh K Misra, I.A.S., Commissioner of e-Governance and Chief Executive Officer, Tamil Nadu e-Governance Agency** delivered the Presidential address.



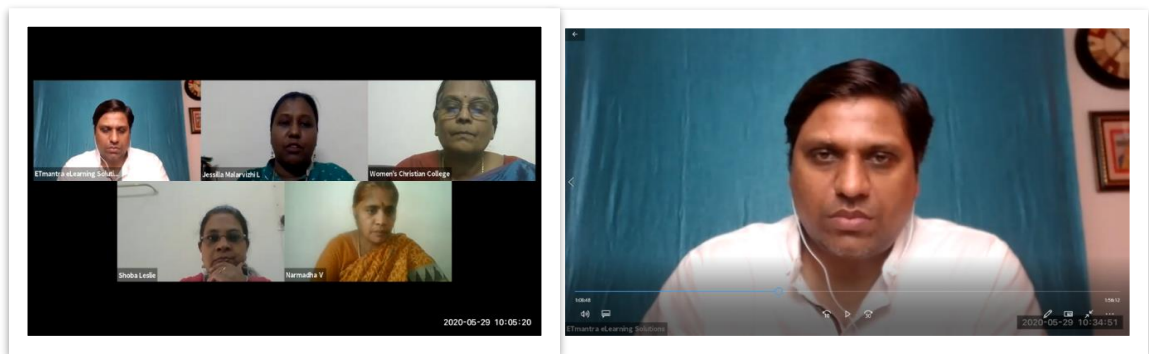
6. A one day hands-on workshop on “**Cloud Computing**” was organised on 14th February, 2020 for the students of III B.Sc. Computer Science. The resource person for the workshop was **Mr. Prashanth Parekh, Sr. Director, Technology - Enterprise Coach, Cognizant Technology Corporation, Chennai**. The speaker stressed the importance of transitioning from traditional systems to cloud-based solutions. He also introduced them to Amazon AWS, a cloud-based service provider. In the hands-on session, students learnt to launch a virtual environment, store and access files on the cloud. They were also introduced to concepts regarding software development on cloud platforms.



7. A one day practical workshop on “**Cyber Security Tools**” was organised on 10th March, 2020 for the students of III B.Sc. Computer Science. The resource persons for the workshop were **Mr. Srinivasamoorthy M. & Mr. Krishnaraj G.S., Technical Experts, Net Access India Private Ltd., Chennai**. The workshop provided an insight into concepts such as information security, followed by a demonstration on ‘Wireshark’, a network protocol analyzer. The students engaged in a practical session, learning how to identify System Registry details on their machines, ways to modify them and establish communication between machines. They also provided the students with tips on how to be safe while using social media. Overall the workshop enlightened the students about the safety and security measures to be followed in the cyber world.



8. The National Level Online Faculty Development Program on “**ICT Tools for E-Content Development**” was organised for two days on the 26th and 29th of May, 2020. **Dr. Yogendra Pal, Project Research Scientist, Department of Computer Science & Engineering, IIT Bombay, Mumbai** was the resource person for the FDP. On the first day, the facilitator gave participants guidance on producing podcasts for language teaching and summarising lectures. Additionally, they demonstrated various methods for developing video lectures, including TableTop, ScreenCast and SlideCast. The speaker also provided instructions to participants on using video creation software like Open Broadcaster Software Studio (OBS Studio) and an audio editing program called Audacity. The session ended with the resource person assigning a set of tasks to the participants to create audio/video lectures, inviting them to send it to him through the organisers for review. The second day of the program began with a review of the participants’ work by the resource person. He provided recommendations to enhance the quality of the content and underscored the importance of sourcing images/videos for e-content from reputable sources. Additionally, he emphasised strict adherence to copyright laws in this regard. 261 faculty members participated in the FDP.




Women's Christian College, Chennai
 (An Autonomous Institution affiliated to University of Madras)
 Re-accredited by NAAC with A+ Grade in 2019


DEPARTMENT OF COMPUTER SCIENCE
 in association with the
Internal Quality Assurance Cell
 organises

Online Faculty Development Program on
ICT TOOLS FOR E-CONTENT DEVELOPMENT

Date : 26th & 29th May 2020
Time : 10 am to 12 noon

- No registration fee
- e-certificate will be provided
- Registration link :
<https://forms.gle/pWMmE8vGyaGhTse29>


Resource Person :