



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



**Computer Science Report
2019-20**



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□ Members of the Department of Computer Science 2019-20

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INDEX (2019-2020)

SNO	DATE	Name of the EVENT	Venue	No. of participants
1	17 th JULY 2019	WORKSHOP ON IOT HOME AUTOMATION	Montfort Hall	39
2	22 nd JULY 2019	Guest Lecture - MIDDLEWARE TECHNOLOGY	Classroom	86
3	3 rd & 4 th SEPT 2019	Workshop-PHP WITH MY SQL	Computer Lab	58
4	3rd Sept 2019 to 27th Sept 2019.	Certificate Course - Advanced Excel	Computer Lab, LFDC Class Room	110
5	25 th OCT 2019	ATTENDED WORKSHOP CYBERSECURITY	OU	1
6	9 th NOV 2019	GUEST LECTURE- GRADUATES TO EMPLOYEE	Montfort Hall	118
7	9 th DEC 2019	FDP -LMS	Computer Lab	33
8	16 th DEC 2019	SEMINAR - CYBER SECURITY	Montfort Hall	102
9	30 th DEC 2019	INTER COLLEGIATE COMPETITIONS CPU ASSEMBLING-13 Knowledge Precker-9	Computer Lab	22
10	7-JAN-2020	INTRA COLLEGIATE-HUNT THE COMPUTER	COMPUTER LAB	30
11	9 th JAN 2020	GUEST LECTURE N-TIER APPLICATIONS	Seminar Hall 3	57
12	7th FEB 2020	Paper Presentation	Vignan Jyothi Degree College	1
13	14 & 15 FEB 2020	Attended as Resource Person-FDP-MOODLE	Loyola Academy	1
14	4 & 5 March 2020	2-Day Workshop on Visual Effects	Computer Lab	62



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Workshop on IOT and Home Automation

Date: 17th July 2019

Event: Workshop on IOT and Home Automation

Venue: Montfort Hall

Participants: II & III BSCS & BCOM

The Department of Computer science has organised A One-Day workshop on IOT and Home Automation on 17th July 2019 at Montfort Hall, Little Flower Degree college. The resource person for the workshop was Mr. T. Vinay Kumar Reddy, Smart Home India PVT. Sir practically explained the students using various parts of the sensors and their connections with respect to the network. He also explained the students patiently regarding various doubts regarding sensor remoting.



Students eagerly participate in the workshop, seizing the opportunity to expand their horizons and deepen their understanding of the subject matter.



Principal Rev. Bro. Vincent Reddy Felicitating the Chief Guest Mr.T.Vinay Kumar Reddy, Smart Home India PVT with a Memento



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Guest Lecture on Middleware Technology

Event: Middleware Technology

Date: 22nd July 2019

Venue: Classroom

Participants: III BSC

The Department of computer science has organised a Guest Lecture on “MIDDLEWARE TECHNOLOGY” and the importance of the subject by K. Niranjan, Birla Soft to III BSC on 22nd July 2019.

Sir explained the benefits of using middleware in software development. Exploration of recent advancements and trends in middleware technology example microservices, serverless computing, containerization. sir also discussed with students regarding career opportunities related to middleware technology, required Skills and knowledge required to pursue a career in this field.



Mr. Niranjan, The Guest Speaker delivers an insightful address on students' career paths and development related to Middleware technology



The Speaker giving insights on Middleware Technology



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Workshop on PHP & MySQL

Event: Workshop on PHP with MYSQL

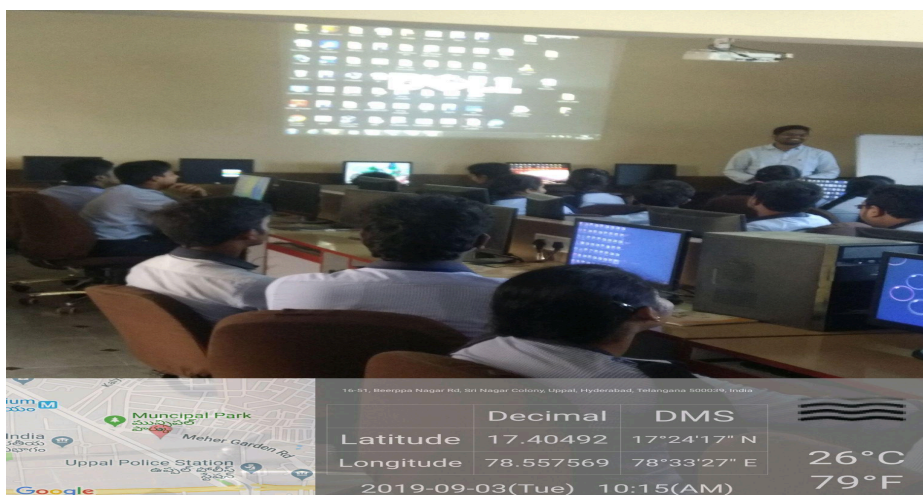
Date: 3rd and 4th Sep 2019

Venue: computer Lab

Participants: III BCOM and BSC

The Department of computer science has organised A 2-Day workshop on PHP with MYSQL on 3rd Sep to 4th Sep 2019. The main motive of organising this workshop on database (client-server modules) is to create an exposure towards developing web pages. Nearly 60 students participated from various streams in the workshop with great Zeal of interest.

Mr. Prashanth, senior PHP consultant (Web Tech Labs Pvt Ltd) has trained the participants on the importance of PHP with MYSQL. Certificates were provided to the students at the end of the session



Students become fully immersed in the complexities of developing websites.



Mr. Prashanth, The Guest Speaker enthralled his audience while explaining PHP's complexities



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Certificate course on Advanced Excel

Course Name: Advanced Excel

Date: 3rd Sept 2019 to 27th Sept 2019.

Venue: Computer Lab

Participants: II BBA, III BBA.

The Department of Computer Science has Conducted a Certification Course, to bridge the gap between academic learning and real-world applications.

Mr. Vijay Reddy, Faculty of Computer Science equipped students with additional skills that make them well equipped for the industry. The Advanced Excel Certificate Course is designed to equip participants with the skills and knowledge necessary to proficiently utilise advanced features like Pivot tables, Data validation Analysis tools and conditional Formatting and Charting and functionalities of Microsoft Excel.

By completing the course, participants can expect to gain valuable skills that can boost their efficiency, problem-solving abilities, and career prospects in various industries.



Mr.S.V Vijay Reddy explains the sophisticated functions of Excel and many tools in Microsoft Excel.



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Attended Workshop- Cyber security & Cyber Law

Event: Attended-Workshop

Title: Cyber Security & Cyber Law

Date: 25th OCT,2019

Venue: OSMANIA UNIVERSITY

A One-Day Workshop on Cyber Security & Cyber Law was attended by K Swathi, faculty of Department of Computer Science on 25th Oct,2019 organised by Department of Computer Science, OSMANIA UNIVERSITY. The main motive of attending this workshop is to learn the importance of data and securing data. The workshop was conducted from 9:30 AM to 4:00 PM and all the lecturers were provided with the certificate of participation.



**Mrs. K. Swathi during the workshop on Cyber Security at UCOE,
Osmania University**



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Guest Lecture-Graduates to Employee

Event: Guest Lecture

Date: 9th Nov 2019

Guest Lecture: Mr. Varun Anish Reddy, Ms. Anne Sri Amitha, Mr. Srinivas Reddy

Venue: Montfort Hall

Participants: B.sc II & III (MPCS, MECS, MSCS)

The faculty of computer science has organised Guest Lecture on “Graduates to Employee” and importance of career growth in IT by Mr. Varun Anish Reddy, DXC Technology to BSc II & III (MPCS, MECS, MSCS) Students on 9th November 2019. Sir were given tips and techniques to students to face the interviews. He also clarifies the doubts of the students regarding career development. Sir also motivated the students with video. Students were enlightened on the career growth in IT. Students enjoyed by videos and have good feedback to lecture by sir.



Guest speaker Mr. Varun engages with students, sharing invaluable insights and guidance on career development, among the eager audience.



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FACULTY DEVELOPMENT PROGRAM

EVENT: FDP ON LMS IN TEACHING & LEARNING

Date: 9th DEC, 2019.

CHIEF GUEST: MS Prof. P V SUDHA, HOD OF COMPUTER SCIENCE, OU.

RESOURCE PERSON: MR RAMAN RK

Venue: Montfort Hall, Little Flower Degree College.

Participants: Faculty of LFDC & Other Colleges

The Department of Computer Science has organised FDP on “LMS IN TEACHING AND LEARNING” and importance of learning techniques and teaching methodologies By MR RAMAN RK, Little Flower Degree College to faculty of LFDC and other colleges on 9th Dec, 2019. Lecturers were enlightened on the learning techniques and teaching methodologies. He also clarified the doubts and also motivated lecturers by new techniques.



Chief guest, Ms. P V Sudha delves into the significance of Learning Management Systems (LMS) in fostering effective teaching and learning environments



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Mr. Raman, Faculty of Computer Science, intricately outlines proven methods for teaching and learning effective management skills



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SEMINAR ON CYBER SECURITY

Event: Seminar on Cyber Security

Date: 16th DEC, 2019.

Resource Person: MR. RUPESH MITTAL, MITTAL TECH.

Venue: SEMINAR HALL3, LFDC

Participants: STUDENTS OF ALL STREAMS

The Department of Computer Science has organised a Seminar on "CYBER SECURITY" by MR. RUPESH MITTAL to STUDENTS OF ALL STREAMS on 16th DEC, 2019. Students were enlightened on securing the data and also were given tips for students to secure the data. He also clarified the doubts and also motivated the students by motivational videos. Students enjoyed the videos and gave positive feedback on the lecture addressed by sir.



The Guest Speaker MR. RUPESH MITTAL, MITTAL TECH.
explaining about cyber security & enlightening the students on securing the data



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INTER COLLEGIATE COMPETITIONS

Event: Inter Collegiate Competition

Title: CPU Assembling & Knowledge Precker

Date: 30th Dec 2019

Venue: Computer Lab

Participants: All Streams

The Department of computer science organised competitions on CPU Assembling & Knowledge Precker in the Event Inter Collegiate Competitions conducted on 30th Dec 2019. The students from all streams actively participated. The event provided the students with a lot of knowledge and information and entertainment.



Students meticulously assemble each component within the CPU



Students enthusiastically participating in knowledge Precker competitions



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INTRA COLLEGIATE COMPETITIONS

Event:Intra Collegiate Competitions

Topic:Hunt the Computer

Date:7th January 2020

Venue:IT LAB, LFDC

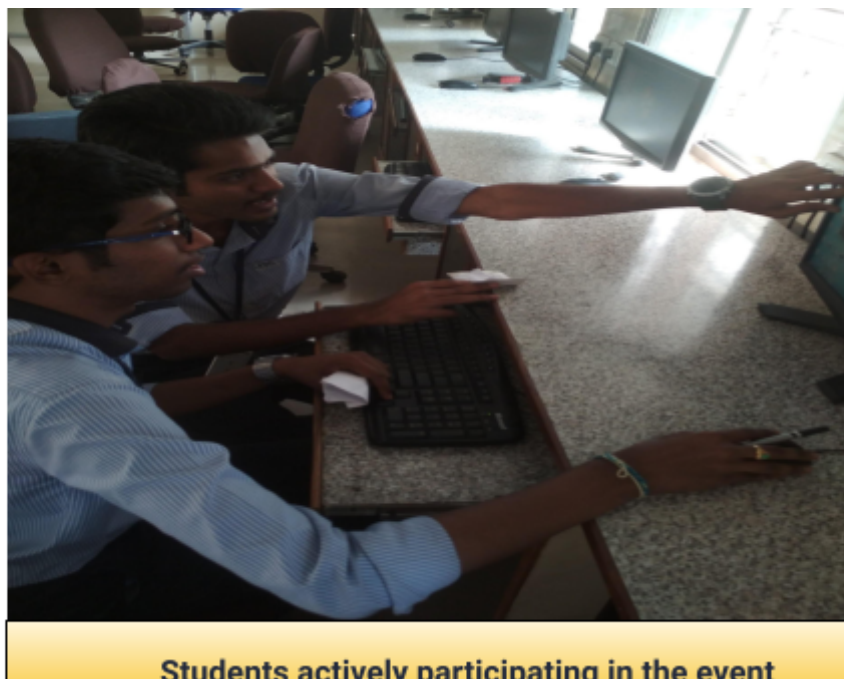
Participants:30

The Department of Computer Science, Organised a "Hunt the Computer" competition, as a part of Intra Collegiate Competition, was a thrilling event aimed at challenging participants' skills

The main objectives of the competitions are to test participants' abilities to detect and analyse cyber threats to promote awareness and understanding of cybersecurity issues, foster collaboration and knowledge sharing among participants

Several teams presented innovative approaches to cybersecurity problems, showcasing the diversity of thought and creativity in the field.

The "Hunt the Computer" competition was a resounding success, achieving its goals



Students actively participating in the event



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Guest Lecture On N-Tier Application Using Different Technologies

Event: Guest Lecture

Title: N-Tier Application Using Different Technologies

Date: 9th Jan 2020

Venue: Seminar Hall 3

Participants: II BSC (MPCS, MCS)

The Department of computer science has organised a guest lecture on “N-Tier Applications using different Technologies” by Mr. Arjuna Rao, Senior Assi. Professor in Aurora Degree & Pg College on 9th Jan 2020 to II BSC (MPCS, MSCS). Students were enlightened on the development of applications using different technologies and also gave tips for students by developing the projects.. Students enjoyed the videos and gave positive feedback on the lecture.



Mr. Arjuna Rao, our esteemed Guest speaker, elaborates on various technologies employed in the development of database applications



Mr. Arjun Rao shares invaluable advice with students on project development



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PAPER PRESENTATION

Event: Paper Presentation

Date: 7th Feb 2020

Venue: Vignana Jyothi Degree College

Attended: Mr. R K Raman

Mr. R K Raman faculty, Department of Computer Science has presented and won best paper award for the paper titled “Redefining the art of programming through Visual programming” A block-based approach at State Level seminar on “ICT for Enabled Teaching & Learning” on 7th February 2020 organised by Vignana Jyothi Degree College, Hyderabad.



Mr. Raman RK, Faculty, Dept. of Computer Science presented the paper titled ““Redefining the art of programming through Visual Programming – A Block based approach” & won the best paper award at state level “at State Level Seminar on “ICT for Enabled Teaching & Learning”.



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Event: FDP on Moodle 2.0

Date: 14th & 15th February 2020

Venue: Loyola Degree & PG College

Guest Speaker: Mr. R K Raman

Mr. R K Raman, Department of computer science, Little Flower Degree College was invited as the resource person for the FDP on Moodle 2.0 organised by Loyola Degree & Pg college, Alwal on 14th & 15th February 2020



. Raman RK, Faculty, Dept. of Computer Science was invited as the resource person to enlighten the faculty of Loyola on MOODLE



Resource Person Mr. Raman RK, Faculty, Dept. of Computer Science explaining and demonstrating the usage of Moodle



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2 - Day Workshop on Visual Effects

Event: 2-Day Workshop

Title: Visual Effects

Date: 4th & 5th March 2020

Venue: Computer Lab

The Department of Computer science has organised a Two-day workshop on Visual Effect held on 4th & 5th March 2020. Mr. G Naveen Reddy, Technical trainer in orbit Technologies has trained the participants on the importance of Visual Effects. The students were given practical training on the basics of PHOTOSHOP and ADOBE PREMIUM. Later the session progressed dealing with the advanced techniques used in Visual Effects. Students were provided with the certificates of participation



Mr. G Naveen Reddy, The Resource Person sharing his insights on editing the photos and videos by using photoshop and adobe premium



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Students acquiring knowledge on adding captivating effects to their creations