



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



PHYSICS



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ACADEMIC YEAR 2021 – 2022

MEMBERS OF THE DEPARTMENT

Faculty Name	Designation	Email-id
Ms. Sreelekha	HOD	sreelekha@lfdc.edu.in

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S NO	Date	Name of the Event	Venue	Participants
1	18-11-2021 to 27-11-2021	PDP On Scilab (conducted)	Montfort Hall	10
2	29-11-2021 to 03-12-2021	PDP On Professional Skills (Attended)	Montfort Hall	1
3	15-12-2021 to 17-12-2021	Workshop on Arduino	Computers Lab	34
4	28-02-2022	Field trip to NIN	NIN	8
5	26-04-2022	Seminar on Jobs in Optical Fibre Communication and Skill Development	Montfort Hall	55
6	08-12-2021	Intra collegiate competitions JAM	I43	21



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PDP ON SCILAB

Event: PDP On SCILAB

Date: 18-11-2021 to 27-11-2021

Venue: Montfort Hall

Participants: Faculty (10)

The Department of Physics and Electronics organised a National level PDP on Scilab from 18th November, 2021 to 27th November, 2021 in collaboration with IIT Bombay Spoken Tutorials. Scilab is an engineering tool which is capable of numerical computations, data analysis and plotting, system modelling and simulation. It has graphical user interface capabilities and many more. It is an interpreted language which contains a lot of defined functions which can be used to resolve engineering and scientific problems. Instructions were given to the participants on how to view videos from IIT Bombay tutorial website online. At the end of the PDP, a test was conducted for all the participants in collaboration with IIT Bombay Spoken Tutorials. All the participants who scored above 40% received the certificates from the tutorial.



Ms. G. Sreelekha received a Certificate from IIT Bombay Tutorial.



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PDP ON PROFESSIONAL SKILLS

Event: PDP On Professional skills

Date: 29-11-2021 to 3-12-2021

Venue: Montfort Hall

Participants: Faculty (1)

A 5-day PDP on 'Professional Skills' was conducted by Quality Assurance Cell, LFDC Hyderabad from 29th November 2021 to 3rd December 2021.

The resource person of the PDP was MS. Sushumna trainer, Packet Prep Hyderabad. On day 1 the session was on 'Presentation Skills'. On day 2 the importance of 'Teamwork' was discussed. On day 3 all faculty members were involved in 'Group Discussion'. On day 4 the session is about 'Body Language'. On day 5 the importance of professional skills on 'Career Opportunities' were discussed.

All the faculty members received participation certificates at the end of the PDP program.



Guest Speaker giving Certificate to faculty



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Ms. Sudha (Faculty) Receiving participation Certificate



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WORKSHOP ON ARDUINO

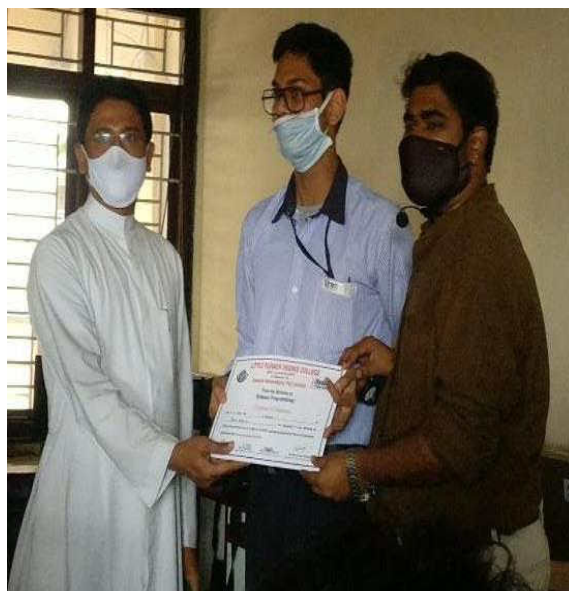
Event: Workshop on Arduino

Date: 15-12-2021 to 17-12-2021

Venue: Computer lab

Participants: Students (34)

A 3-day workshop on 'Arduino programming' was conducted from 15th December 2021 to 17th December 2021 by the Department of Physics and Electronics in collaboration with Sanshah Innovations PVT. Limited from 10 am - 3pm at Computer Lab. The resource person of the workshop was Mr. Sanjay, CEO, Sanshah Innovations PVT. Ltd. The main objective of the workshop was to introduce students to the basics of Arduino programming. This workshop enabled the students to understand how Arduino acts as an interface between hardware and software. They were also able to execute simple projects using LED, sensors, servo motors. Students actively participated in the workshop and clarified their doubts from time to time with the trainer.





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FIELD TRIP TO NIN

Event: Field trip to NIN

Date: 28-02-2022

Venue: NIN

Participants: Students (8)

The Department of Physics went on a Field Trip to National Institute of Nutrition, Tarnaka, Hyderabad on the eve of 'National Science Day'. Every year February 28 is celebrated as 'National Science Day' to mark the invention of the 'Raman Effect'. The day is celebrated to encourage youth to understand the aspects of science and develop an interest in it. NIN organised the National Science Week Festival between February 22 and 28, 2022. As part of the festival, NIN displayed many posters on biography of different scientists and their contribution to the field of science. Displays on nutrition attracted the attention of the audience. A Stall by DRDO showcased various Missiles like Astra, Nag etc. Scientists explained in detail about missile structure, functioning and different electronic components used in it, addition to all these, a book fair was organised that showcased different books related to science, innovations, biographies of scientists and India's freedom struggle. Students of II MPCS along with G. Sreelekha, Head Department of Physics participated in the event and gained knowledge.



Group photo of final year students at NIN



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Scientists explaining about missile structure, functioning and different electronic components used in it.



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SEMINAR ON JOBS IN OPTICAL FIBRE COMMUNICATION AND SKILL DEVELOPMENT

Event: Seminar

Date: 26-4-2022

Venue: Montfort Hall

Participants: Students (55)

Department of Electronics and physics has organised a curtain raiser program on Fiber Optic Communication and its associated jobs in collaboration with Rabsa Technologies PVT. Ltd on 26th March, 2022 Mr. Suresh Mehra, CEO explained the importance of Fibre optic communication and gave an insight into the training offered by their institute to become a successful fibre optic technician. He explained to the students about the job opportunities in this field.



STUDENTS FROM III B.SC (MECS, MPCs) ACTIVELY PARTICIPATING IN THE
GUEST LECTURE



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VICE PRINCIPAL MRS.JAYANTI REDDY PRESENTING THANK YOU
MEMENTO TO MR. SURESH MEHRA



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INTERCOLLEGIATE COMPETITION - JAM

Event: JAM

Date: 08/12/2021

Venue: I43

Participants: Students (21)

The Department of Physics organised 'Just A Minute, (JAM)' on 8th December, 2021 as a part of Intra Collegiate Competitions. The objective of the event is to build confidence in students to speak for 60 seconds on any given topic.

Mr. R. K Raman, Head Dept. Of Computers and Mrs. T. Nagalakshmi, Head Dept. Electronics judged the event.

V. Akshith of I-MSCs bagged first prize.

Md. Amaan Qureshi of II-BBA bagged second prize.

Syed Heena Kousar of III-MPC bagged third prize.

Students enthusiastically participated in the event.



Ms. Nagalakshmi and RK Raman as Judges of the event JAM



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Syed Heena Kousar of III BSc MPC participating in JAM competition