



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



ELECTRONICS

2020-21



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Uppal, Hyderabad

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➤ Members in the department of Electronics 2020-21

| S.NO | NAME OF THE FACULTY | DESIGNATION | E-MAIL ID |
|------|---------------------|-------------|-------------------------|
| 1 | MS. T. NAGA LAKSHMI | HEAD | nagalakshmi@lfdc.edu.in |

INDEX 2020-21

| S.NO | MONTH | NAME OF THE EVENT |
|------|-------|--|
| 1 | JUNE | WEBINAR ON AWARENESS ON HAM RADIO (ATTENDED) DATE:12.06.2020 TIME:3PM TO 4PM VENUE: ONLINE(ZOOM) |
| 2 | | INTERNATIONAL WEBINAR ON ROBOTIC PROCESS AUTOMATION(CONDUCTED) DATE: 27.06.2020 TIME: 06:30PM TO 8:00PM VENUE: ONLINE(ZOOM) |
| 3 | | FDP ON CREATION AND AUTOMATION OF CERTIFICATES(Attended) DATE:29.06.2020 TIME:10 AM TO 1PM VENUE: ONLINE(ZOOM) |
| 4 | | FDP ON CREATION OF WEBSITE (Attended) DATE: 30.06.2020 & 01.07.2020 TIME: 10:00AM TO 01:00PM VENUE: ONLINE(ZOOM) |
| 5 | JULY | E-WORKSHOP ON VIRTUAL LABS(ATTENDED) DATE: 3.07.2020 & 04.07.2020 TIME:11AM - 12.30PM VENUE: ONLINE(ZOOM) |
| 6 | JULY | WEBINAR ON RENEWED INTEREST IN VENUS (ATTENDED) DATE:17.07.2020 TIME: 02:30PM TO 03:30PM VENUE: ONLINE(ZOOM) |
| | | VIRTUAL FDP ON BUILDING COMPETENCY IN ICT BASED TEACHING (ATTENDED) DATE:20.07.2020 -24.07.2020 TIME:11AM-1PM VENUE: ZOOM |



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| | | |
|----|------------------|--|
| 7 | | WEBINAR ON JOB OPPORTUNITIES THROUGH SKILL ENHANCEMENT(CONDUCTED) DATE: 21.07.2020 TIME:4PM TO 6PM VENUE: ONLINE (ZOOM) |
| | | |
| 8 | AUGUST | STTP ON BLOCKCHAIN TECHNOLOGY (ATTENDED) DATE:10.08.2020 TO 15.08.2020 TIME:10AM-11.30AM & 6PM-7.30PM VENUE: ONLINE(ZOOM) |
| 9 | | WORKSHOP ON VIRTUAL LABS (CONDUCTED) DATE: 26.08.2020 - 28.08.2020 TIME: 10AM-11.30AM VENUE: ONLINE(ZOOM) |
| 10 | SEPTEMBER | INTERNATIONAL WEBINAR ON 'INTRODUCTION TO NANOSCALE MATERIALS: FUTURE OF THE WORLD" (ATTENDED) DATE:19.09.2020 TIME: 3PM VENUE: ONLINE (ZOOM) |
| 11 | | INTERNATIONAL WEBINAR ON "BLACK HOLES AND WORMHOLES" - (ATTENDED) DATE: 26.09.2020 TIME: 05:00PM VENUE: ONLINE (GOOGLE MEET) |
| 12 | | ONLINE QUIZ USING KAHOOT (INTERCOLLEGIATE COMPETITION) (CONDUCTED) DATE: 30.09.2020 TIME: 3PM-5PM VENUE: ONLINE (ZOOM & KAHOOT) |
| 13 | NOVEMBER | ALUMNI TALKS (CONDUCTED) DATE: 21.11.2020 TIME: 11AM - 12PM VENUE: ONLINE (ZOOM) |
| 14 | JANUARY | IQAC WORKSHOP BY ST. JOSEPH'S COLLEGE, BANGALORE (ATTENDED) DATE: 07.01.2021-15.01.2021 TIME:2PM-4PM VENUE: ONLINE(ZOOM) |
| 15 | | NATIONAL LEVEL FDP - DEPT OF PHYSICS AND ELECTRONICS IN COLLABORATION WITH AUXILIUM COLLEGE, VELLORE (CONDUCTED) DATE: 27.01.2021 - 01.02.2021 TIME:2PM-3PM |
| 16 | APRIL | ONLINE WORKSHOP ON LATEX (ATTENDED) DATE: 22.04.2021 TO 28.04.2021 VENUE: ONLINE VIDEOS |



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| | | |
|----|------|---|
| 17 | MAY | NATIONAL WEBINAR ON ROLE OF RADARS IN WEATHER APPLICATIONS (ATTENDED) DATE:24.05.2021 TIME: 3PM-4PM VENUE: ONLINE |
| 18 | JUNE | WEBINAR ON BLOCKCHAIN TECHNOLOGY(CONDUCTED) DATE:19.06.2021 TIME: 09:30 AM-10.30AM VENUE: ONLINE |
| 19 | JULY | INTRA COLLEGIATE COMPETITIONS - PICTURE QUIZ DATE: 06.07.21 TIME: VENUE: ONLINE |
| | | INTER COLLEGIATE COMPETITIONS - RECENT INVENTIONS IN ELECTRONICS DATE:24.07.21 TIME: VENUE: ONLINE |



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REPORT ON HAM RADIO (ATTENDED)

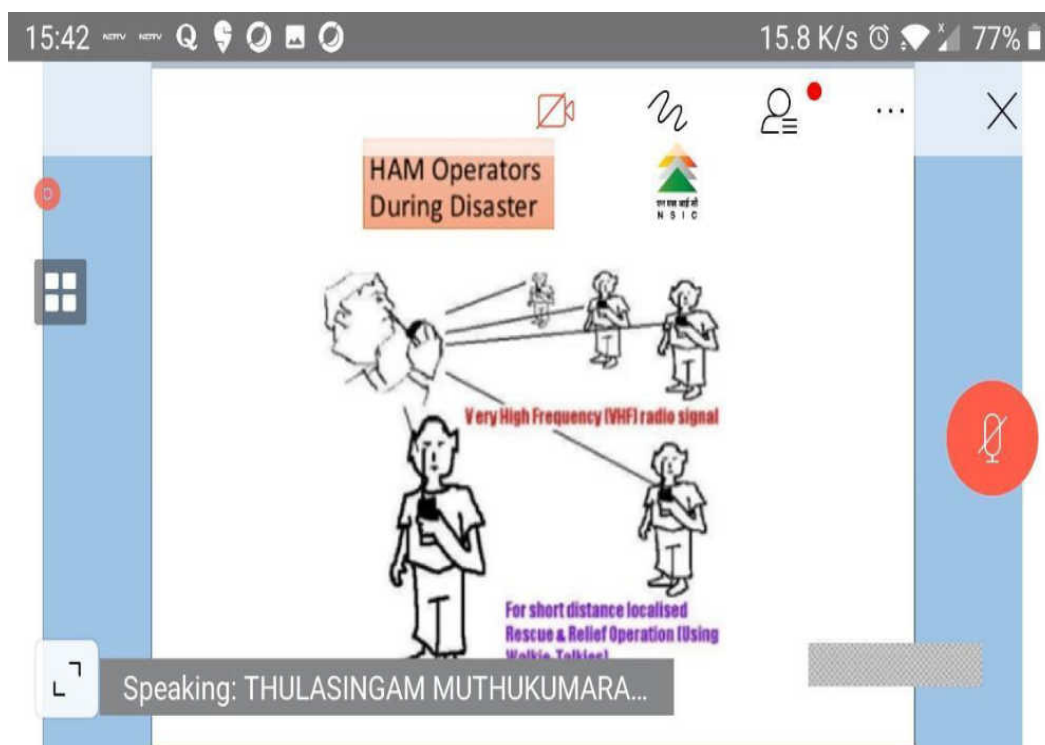
TOPIC: Awareness on HAM RADIO

DATE: 12.06.2020

TIME: 3PM-4PM

VENUE: ZOOM (ONLINE)

NSIC (National Small Industries Corporation) has organised an online awareness program on HAM radio on 12.06.2020. The speaker was Mr. Kamraj Durai, senior Technical Manager, NSIC, Hyderabad. National Small Industries Corporation (NSIC), is an ISO 9001:2015 certified Government of India Enterprise under Ministry of Micro, Small and Medium Enterprises (MSME). NSIC has been working to promote, aid and foster the growth of micro, small and medium enterprises in the country. NSIC operates through a countrywide network of offices and Technical Centres in the Country. In addition, NSIC has set up a Training cum Incubation Centre managed by professional manpower. The objective of this program is to equip the participant with the HAM radio operation which is helpful in communication during disasters. Participants understood the requirements to set up HAM radio and basics of using HAM radio.



Mr. Mutthu Kumaran explaining about how HAM radio operators work at times of disaster to help people.



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16:19 NSITV NSITV NSITV 18.2 K/s 62%

Digital Ham Shack

This meeting is being recorded.

High speed Internet

Host computer

Sound and control interface

Transceiver

Handheld antenna

- The Computer
- The Rig/Computer interface
- The Transceiver
- Software
- Internet connection

Your call has been muted.

Mr. T. Mutthu Kumaran from NSIC explaining about the requirements to set up a HAM radio station.



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INTERNATIONAL WEBINAR REPORT (CONDUCTED)

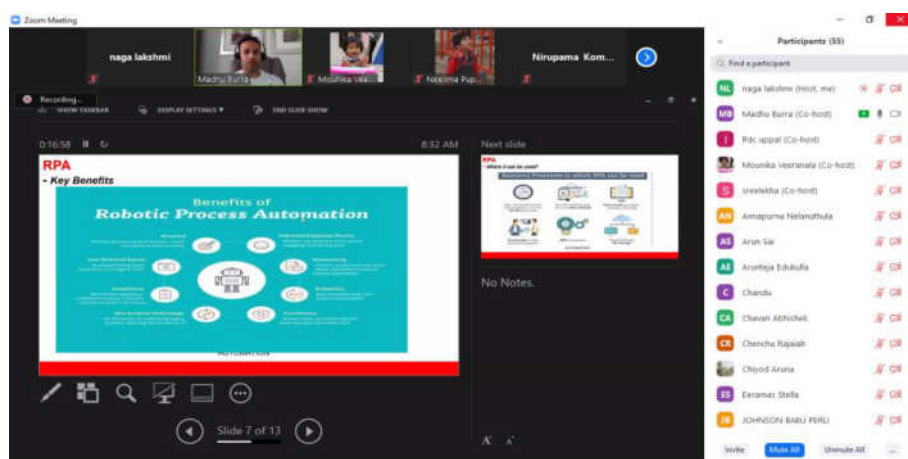
TOPIC : ROBOTIC PROCESS AUTOMATION

DATE : 27.06.2020

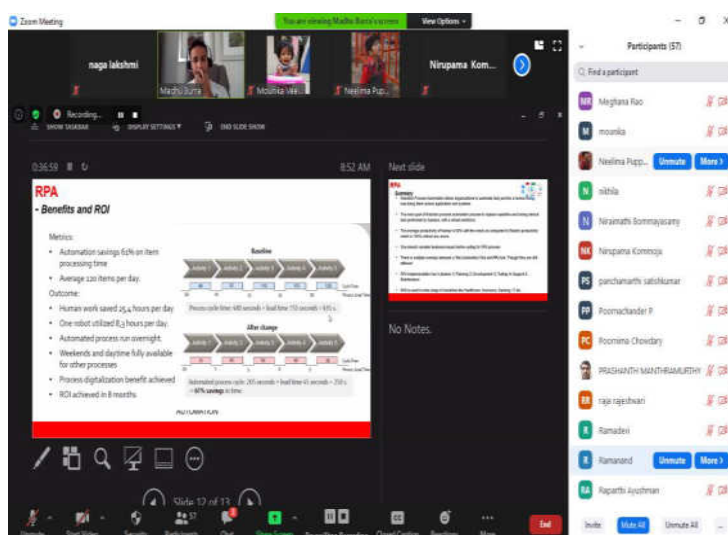
VENUE : ZOOM PLATFORM

TIME : 06:30 PM – 07:30 PM

An international webinar was organised by the Department of Electronics on 'Robotic Process automation' on 27th June, 2020. The guest speaker of the webinar was Mr. B. Madhu Gopal, Business Analysis Manager, Equinix Inc., Dallas, USA. Robotic Process Automation is the technology that allows anyone today to configure computer software, or a "robot" to emulate and integrate the actions of a human interacting within digital systems to execute a business process. The objective is to introduce students about Robotic Process automation technology. Students understood how RPA is useful in streamlining the workflow and getting the job done faster.



Mr. Madhu Gopal, Resource person explaining the benefits of RPA.



Resource person elaborating on the benefits of RPA.



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FDP REPORT (ATTENDED)

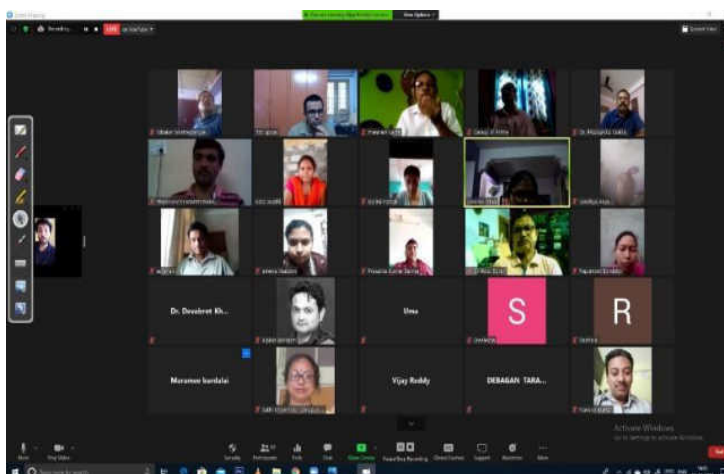
TOPIC: Creation and Automation of Certificates

DATE: 29.06.2020

TIME: 2PM – 4PM

VENUE: ZOOM (online)

The Faculty Development programme was organised by the Department of Computer Science, LFDC in collaboration with Sonapur College, Sonapur, Assam on 29th June, 2020. Ms. Naga Lakshmi, Head, Department of Electronics attended the event. Mr. Raman, Faculty, Department of Computer Science, LFDC was the guest speaker. The objective of the program is to equip learners on how to create websites using Wix and Google Sites. Participants enthusiastically participated in the FDP.



Mr. Raman, Department of Computer science explaining how to create certificates using photoshop.



Brochure of the program.



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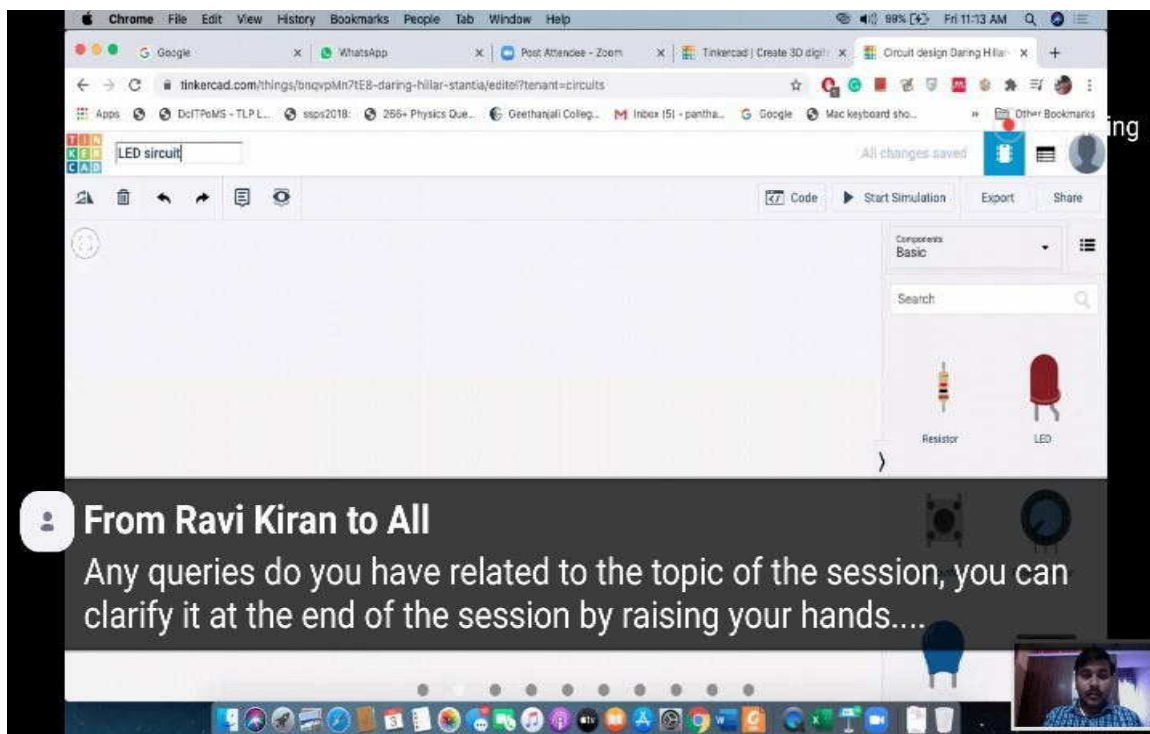
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E-WORKSHOP REPORT - VIRTUAL LABS (ATTENDED)

TOPIC : VIRTUAL LABS
DATE : 03.07.2020 & 04.07.2020
VENUE : ZOOM PLATFORM
TIME : 11 AM – 12.30 PM

MS. T. Naga Lakshmi, Head, Department of Electronics attended a two-day E-workshop on Virtual Labs in Physics and Electronics organised by the Department of Physics and Electronics, Aurora Degree & PG College on 3rd and 4th July, 2020. The speaker for the workshop was Dr P. Raju, Associate professor from Geethanjali college of Engineering and Technology, Kesara, Hyderabad. The objective of this program was to introduce learners about conducting experiments using various virtual lab platforms. Participants learnt the basics of using Tinker CAD and virtual labs developed by various IITs.



Dr Raju, Resource person explaining about connecting various components using Tinker CAD.



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Recording

Thank You

Dr. Raju Panthagani,
Associate Professor of Physics,
Department of Freshman Engineering,
Geethanjali College of Engineering & Technology
(UGC Autonomous),
Cheerla, Keesara, Medchal Dist, Telangana. 501301,
Phone: 992 701141/1304

From KOTU REDDY to All
Good session

Raju Panthagani's screen

Dr Raju sharing his contact details for any further queries.



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NATIONAL WEBINAR – ATTENDED

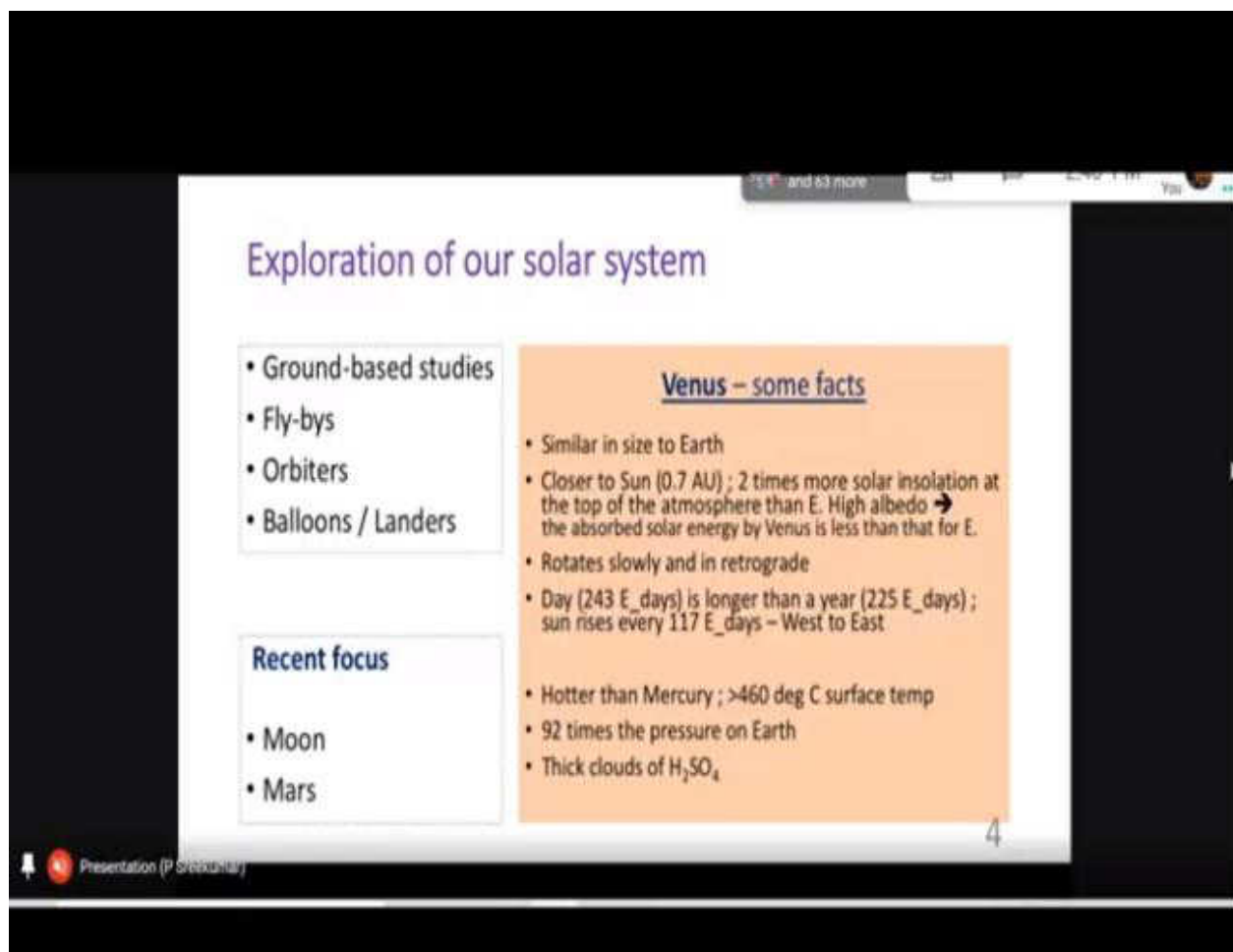
TOPIC: RENEWED INTEREST IN VENUS, OUR NEAREST PLANET

DATE: 17-07-2020

TIME: 02:30 PM – 03:30 PM IST

VENUE: ZOOM ONLINE

Ms. T. Naga Lakshmi, Head, Department of Electronics attended the National Webinar organised by the Department of Physics, St. Joseph's College, Bangalore on "Renewed Interest in Venus, Our Nearest Planet". Webinar was organised on 17th July, 2020 on Zoom platform. Guest speaker of the day was Dr P. Sreekumar, Professor at ISRO Headquarters. The objective of the program was to equip the learners to understand the importance of Venus, the nearest planet to earth. Participants understood the factors which are creating interest in study of the planet Venus.



Dr P. Sreekumar, resource person explaining about the solar system.



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Renewed interest in Venus, our Nearest Planet

Unlisted

92 watching now • Started streaming 27 minutes ago

11 0 SHARE SAVE

Variation in SO₂ over 40 years ... (in ppb by volume)

Venus Express results

Ref: Marcq et al, Nature Geoscience, 2012

On Earth, SO₂ is largely contributed by volcanic activity. Sunlight dissociates SO₂ in a few days → it needs to be replenished. On Venus, below the clouds, SO₂ is protected due to opacity but above the clouds, SO₂ presence → regular replenishment – volcanoes or something else?

Credits: Data: E. Marcq et al. 2012; I. Esposito et al. (PVO data); background image: ESA/AGES

<https://www.universetoday.com/108755/are-venus-volcanoes-still-active/>

14

Presentation (P Sreekanth)

Top chat

- Veena K Kumar gd afternoon all
- tharunya ms hello everyone, good afternoon, this is Tharunya M S from St. Anne's First Grade College From Women, Miller Road, Bengaluru
- divya dj Hi Good afternoon all
- kamlesh jangir plse send google meet code
- Sai Janani Good afternoon all

Welcome to live chat! Remember to guard your privacy and abide by our community guidelines.

[LEARN MORE](#)

- Kumar Swamy Good afternoon ☀️ to everyone. It's N. KUMARA SWAMY here Assistant professor, Department of Zoology, DVS college of Arts and Science Shivamogga Karnataka
- Veena K Kumar the ↓ is breaking

Say something...

0/200

Resource person giving an analysis of SO₂ levels on Earth and Venus over 40 years.



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INTERNATIONAL VIRTUAL FDP- ATTENDED

TOPIC : Building Competency in ICT based Teaching using Spreadsheet and Sustainability Strategies during COVID 19 Pandemic.

DATE : 20.07.2020-24.07.2020

VENUE : ZOOM PLATFORM

TIME : 11:00AM-01:00PM

Ms. T. Naga Lakshmi, Head, Department of Electronics attended a five-day International virtual faculty development programme organised by IQAC cell of St. Paul's College, Bangalore from 20th July to 24th July, 2021. The objective of this event was to equip the learners with advanced knowledge on Excel and also to understand the sustainability strategies during pandemic.

- **Periodic Payment (PMT):** Calculates the payments required to reduce a loan, from a supplied present value to a specified future value
- Example-EMI calculation

Recording

- **Internal Rate of Return (IRR):** Calculates the internal rate of return for a series of periodic cash flows
- At what rate should I borrow and how much should I earn

7/2/2020
Chaya Bagrecha's screen

FDP on Time Value of Money at St. Pauls College



Ms. Chaya Bagrecha explaining the advanced functions in excel



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Present Day, Social Development

- ❖ Both men and women receive free education
- ❖ Each students are taught language arts, social studies, math, health and science
- ❖ The ministry of education estimates that 99.7% of the population in china has achieved 9 year basic education
- ❖ China is still trying to increase the quality of education through a curriculum reform
- ❖ Teachers consistently still remain a highly respected profession in China
- ❖ High schools dedicate years of preparation for the Nationwide College Entrance Exam similar to the SAT
- ❖ In 2010 Shanghai has surpassed their peers in the rest of the world in math science and reading by a wide margin
- ❖ Their achievement was a sign of the Chinese education growth over the past few decades



ravivk's screen



Prof. Ravi, senior lecturer, Department of Business studies explaining about the social development



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WEBINAR REPORT

TOPIC : JOB OPPORTUNITIES THROUGH SKILL ENHANCEMENT
DATE : 21.07.2020
VENUE : ZOOM PLATFORM
SPEAKER : 1. Dr C. SIVARAMAN, FORMER PRINCIPAL, PRAGATI MAHAVIDYALAYA, HYDERABAD
2. MR. SURESH MEHRA, DIRECTOR, RABSA UTILITY SOLUTIONS, HYDERABAD
TIME : 04:00PM – 05:00PM

A webinar was organised by the Department of Electronics on 'Job opportunities through skill enhancement' on 21st July, 2020 for staff and students of various degree colleges. The speakers of the day were Mr. C. Sivaraman, Former principal, Pragati Mahavidyalaya and Mr. Suresh Mehra, Director, Rabsa Utility Solutions, Hyderabad. This webinar was conducted to discuss the job opportunities in Electronics and other fields as well as the skills required to get a job. Students understood the various opportunities available in the field of fibre optics.

Telecom -Tower Technician
CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a "Telecom -Tower Technician", in the "Telecom" Sector/Industry and aims at building the following key competencies amongst the learner

| Program Name | Telecom - Tower Technician | | |
|--|---|---------------------|------------|
| Qualification Pack Name & Reference ID. ID | TEL/Q4100 | | |
| Version No. | 1.0 | Version Update Date | 31-05-2017 |
| Pre-requisites to Training | Preferably equivalent to 10+2 | | |
| Training Outcomes | After completing this programme, participants will be able to: <ul style="list-style-type: none">• Acquaint self with facets of preventive and corrective maintenance: Adhere to plans for PM and CM.• Identify importance of site hygiene: Maintain and monitor, DG, PIU, SMPS, battery bank and surrounding area.• Execute operational activities: scrutinize electricity bill, PIU, alarms and fuel• Aggregate potential knowledge and skill to vouchsafe the importance of health and safety: Safeguard compliance of safety regulations, personal protection, fire regulation and environmental condition.• Comprehend and initiate importance of documentation: Maintain checklist, reports, and issues for future reference. | | |

Info@rabsa.net www.rabsa.net Skill India

Dr Suresh Mehra from Rabsa utility solutions explaining about the job opportunities available in the telecom sector.



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Dr Siva Raman, Retd. Principal, Pragati Mahavidyalaya explaining the students about the skills required for procuring a job.



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SHORT TERM TRAINING REPORT(ATTENDED)

TOPIC : BLOCK CHAIN ARCHITECTURE AND ITS USE CASES
DATE : 10.08.2020 to 15.08.2020
VENUE : ZOOM PLATFORM
TIME : 10:00 AM – 11:30 AM AND 06:00PM-07:30PM

Ms. Naga Lakshmi, Head, Department of Electronics attended a short-term training program on 'Block Chain Technology and its use cases' – phase I was conducted by Gudlavalleru Engineering college, Gudlavalleru, Andhra Pradesh from 10th August to 15th August, 2020. It was sponsored by AICTE with an objective to acquire the knowledge on Block Chain Technology and understand the challenges during research. The session was conducted in two parts each day. This course provided participants knowledge on Block chain technology and the challenges faced by researchers while designing it. participants acquired knowledge on Block chain technology and its programming.

The screenshot shows a Zoom meeting interface. On the left, a presentation slide titled "Proof of Work" is displayed. The slide contains a diagram of a block with fields for "Previous Hash", "Score", "Transactions Hash", "Timestamp", and "Nonce". These are combined via SHA256 hashing to produce a "Difficulty" value, represented by a long string of zeros. Below this, a diagram shows the iterative process of finding a valid nonce by repeatedly hashing until the output starts with a specified number of zeros. A callout box explains that the "only way" to compute this value is by trying random values around 2ⁿ times. On the right side of the Zoom window, a list of participants is visible, including T Naga Lakshmi (Host), GEC ECE (Host), Raju Halder (Co-host), Balaswamy Ch (Co-host), and others. The total number of participants is listed as 142.

Dr Raju Halder explaining the SHA 256 protocol used in implementing Block Chain technology.

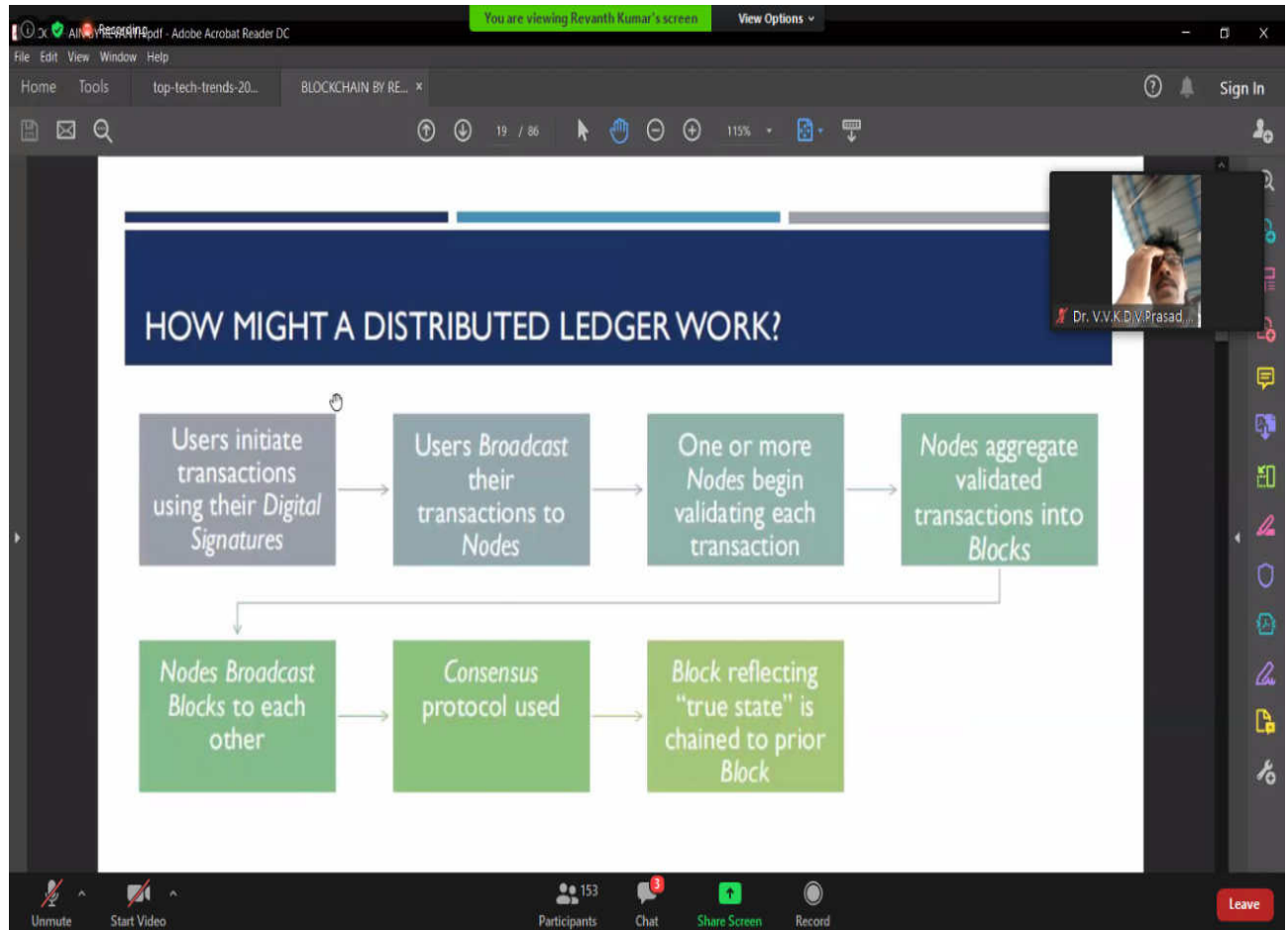


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Mr. Revanth Kumar explaining about Distributed Ledger in Block chain Technology.



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E-WORKSHOP (conducted)

TOPIC : VIRTUAL LABS
DATE : 26.08.2020 – 28.08.2020
VENUE : ZOOM PLATFORM
TIME : 10:00 AM – 11:30 PM

A three-day E-workshop on Virtual Labs Electronics was organised by the Department of Electronics from 26th August to 28th August, 2020. The Workshop was organised for II B.SC (MECS) students by Mrs. T. Naga Lakshmi, Head, and Department of Electronics. To introduce students to the concept of conducting experiments virtually. Students learned how to perform experiments using virtual labs.

introduction to virtual lab (26.08.2020).mp4

Home » Broad Areas of Virtual Labs

Labs ready for use

| Lab Name | Institution |
|---|----------------|
| Fading Channels and Mobile Communications Lab | IIT KHARAGPUR |
| Advanced Network Technologies Virtual Lab | IIT KHARAGPUR |
| Analog Signals Network and Measurement Lab | IIT KHARAGPUR |
| Digital Electronics Lab (New) | IIT ROORKEE |
| Digital Logic Design Lab | IIIT HYDERABAD |
| Queuing Networks Modelling Lab | IIT DELHI |

Announcements

Click here for NCs Lo (For IIT Delhi only).

* Click here for NCs Lo Delhi only)

* 4th edition of Virtual L Newsletter is released

4:39 / 30:46

Ms. Naga Lakshmi explaining to students how to choose the experiments in the virtual labs.



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virtual labs - day 2- 27.08.2020.mp4

Basic Electronics

Ohm's Law

Ohm's Law

Not secure | vlabs.iitkgp.ernet.in/be/exp4/ohmslaw_ver1.html

Paused

Virtual Labs
An MHRD Govt of India Initiative

Ohm's Law

INSTRUCTION

EXPERIMENTAL TABLE

Resistance: K Ω

| Serial No. | Voltage(Volt) V | Current(milliAmpere) mA |
|------------|--------------------|----------------------------|
|------------|--------------------|----------------------------|

DC volt : Volt

Resistance : Kohms

Add to Table

Plot

Clear

Check connection

Delete all connection

16:51

17:04 / 27:29

Ms. Naga Lakshmi, explaining about how to connect the given circuit, obtain readings and vary values.



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INTERNATIONAL WEBINAR REPORT (ATTENDED)

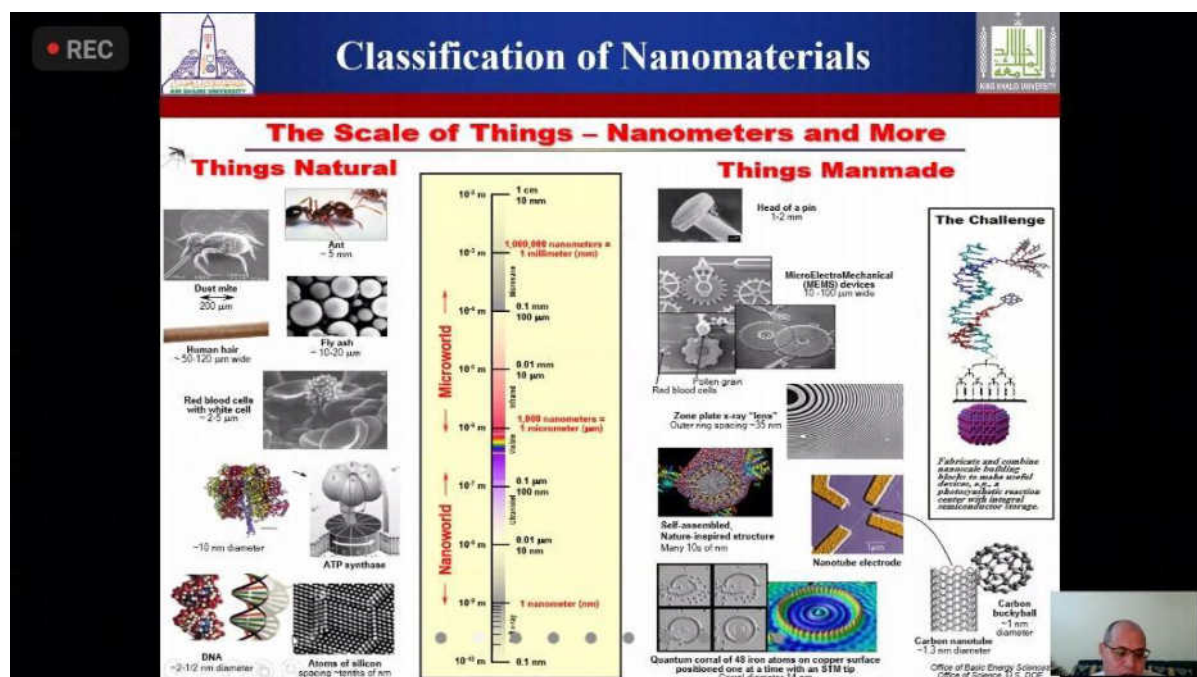
TOPIC: INTRODUCTION TO NANOSCALE MATERIALS: FUTURE OF THE WORLD

DATE: 19-09-2020

TIME: 03:00 PM IST

VENUE: ZOOM ONLINE

Ms. T. Naga Lakshmi, Head, Department of Electronics attended an International Webinar organised by the department of Physics & Electronics, St. Ann's College for Women, Mehdiapatnam on "Introduction to Nano Scale Materials: Future of The World ". Webinar was organised on 19th September, 2020 on Zoom platform. The guest speaker of the webinar was Prof. Dr Ibrahim Hussein, King Khalid University, KSA & Ain Shams University, Egypt. This webinar enhanced the participant's knowledge on Nano-scale materials and participants learned about the various nano-scale materials, their synthesis and application.



Dr Ibrahim explaining about classification of Nanomaterials.



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REC

HYBRID NANOCOMPOSITES BASED ON ORGANIC POLYMERS AND LAYERED SOLIDS

Layer thickness: 1 nm

Layer length: 1000 nm

Polymer

Micro-composite • • • Intercalated • • • Delaminated (exfoliated)

Professor explaining about hybrid nanocomposite materials.



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REPORT- INTERNATIONAL WEBINAR

TOPIC: Black Holes and Wormholes – In confrontation with Einstein

VENUE: Online webinar

DATE: 26.09. 2020

TIME: 05:00 PM TO 06:30 PM

Ms. T. Naga Lakshmi, Head, Department of Electronics attended a One-day International Webinar organised by the Department of Physics on the topic “Black holes and Wormholes – confrontation with Einstein “on 26th September 2020. The resource person for the webinar was Dr Navaneeth Krishna, Post-doctoral research fellow, University of Utrecht, Netherlands, this webinar helped participants to understand the formation of black holes and worm holes. Participants also understood the phenomena that leads to formation of black holes and wormholes.

The screenshot shows a Google Meet window with a presentation titled "Escaping from planets". The presentation slide is titled "Planet Escape Velocities" and displays the escape velocities for various planets. The data is as follows:

| Planet | Escape Velocity (km/s) |
|---------|------------------------|
| Mercury | 4.3 |
| Venus | 10.4 |
| Earth | 11.2 |
| Mars | 5.0 |
| Jupiter | 60.2 |
| Saturn | 35.5 |
| Uranus | 21.3 |
| Neptune | 23.5 |

The meeting interface includes a "Meeting details" sidebar on the right showing 64 people and a chat window. The bottom of the screen shows meeting controls like "Turn on captions" and "Present now".

Mr. Navaneeth explaining the Escape Velocities of various planets.



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Convert Google Forms to PDF x (4) WhatsApp x Meet - pmn-rapf-awy x

meet.google.com/pmn-rapf-awy

REC

Black holes are 'deep'

Sun Neutron star Black hole

Meeting details

People (67) Chat

Sreelekha Guthina 5:12 PM
All the participants please pin to Presentation (Nava Gaddam) to see the presentation

Meeting details Meeting details Meeting details

Turn on captions Present now

Send a message to everyone

Resource person explaining about the black holes' formation and their characteristics.



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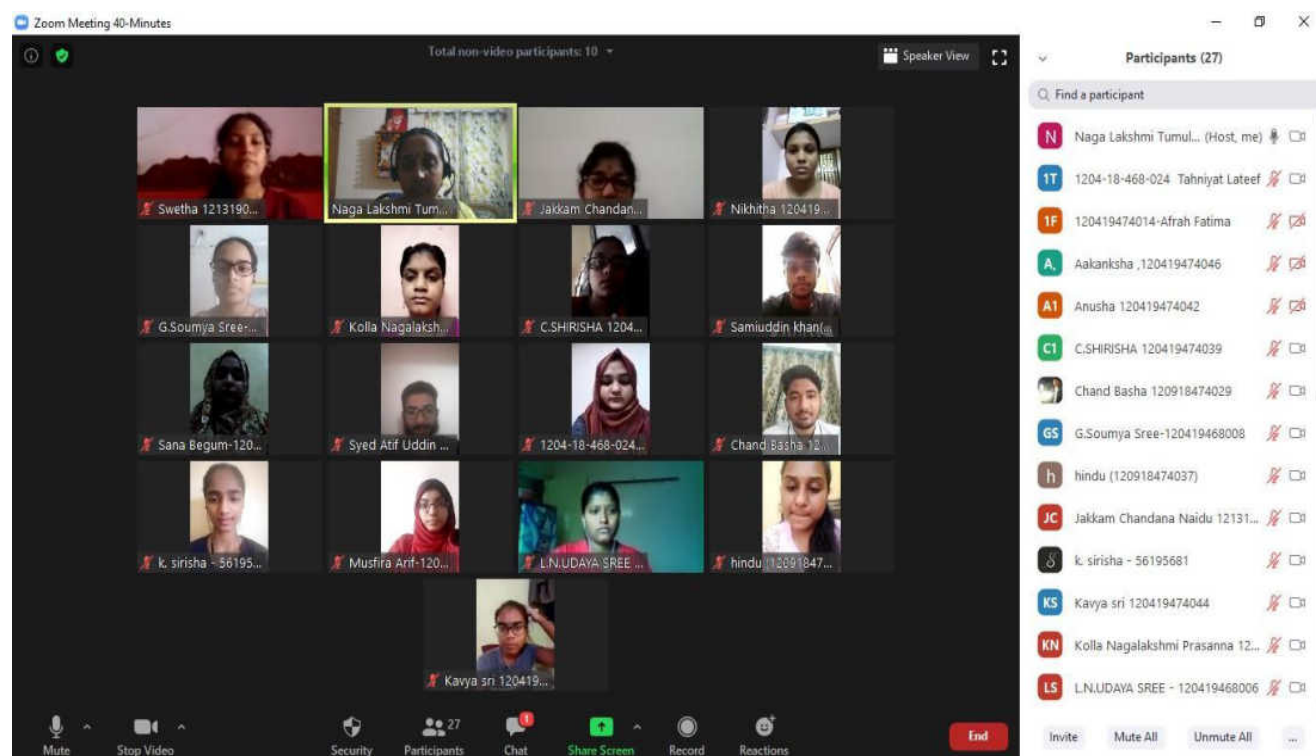
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INTER-COLLEGIATE QUIZ COMPETITION REPORT(CONDUCTED)

TOPIC : BASIC ELECTRONICS
DATE : 30.09.2020
VENUE : ZOOM PLATFORM & KAHOOT
TIME : 03:00 PM – 04:00 PM

An online inter-collegiate quiz competition was conducted by the Department of Electronics on 30th September, 2020. The aim of the program is to test the knowledge of students in basic electronics. Students from various colleges participated in the event. The quiz was conducted on the online quizzing app 'KAHOOT'. The quiz was conducted to test the knowledge of students in basic electronics. Students from various colleges actively participated in the quiz.



MS. Naga Lakshmi explaining the rules and regulations of the quiz.



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Browser tabs: zoom link, My Drive, QUIZ ON, Inbox (24), Kahoot!, Kahoot!, Kahoot!, Kahoot!, Kahoot!, Kahoot!, Download, +

Address bar: play.kahoot.it/v2/gameover?quizId=33220670-8a70-47cf-92d5-cf03fdc5740c

Paused

INTERCOLLEGIATE BASIC ELECTRONICS QUIZ - 30.09.2020

You are screen sharing Stop Share

Udaya
468006

Chandana
Naidu
4296
5 out of 10

Musfira Arif
4171
5 out of 10

5103
6 out of 10

Talking:

Next

| Participant | Score | Out of |
|----------------|--------|-------------|
| Udaya | 468006 | 6 out of 10 |
| Chandana Naidu | 4296 | 5 out of 10 |
| Musfira Arif | 4171 | 5 out of 10 |

WINNERS OF THE QUIZ COMPETITION



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ALUMNI TALKS(CONDUCTED)

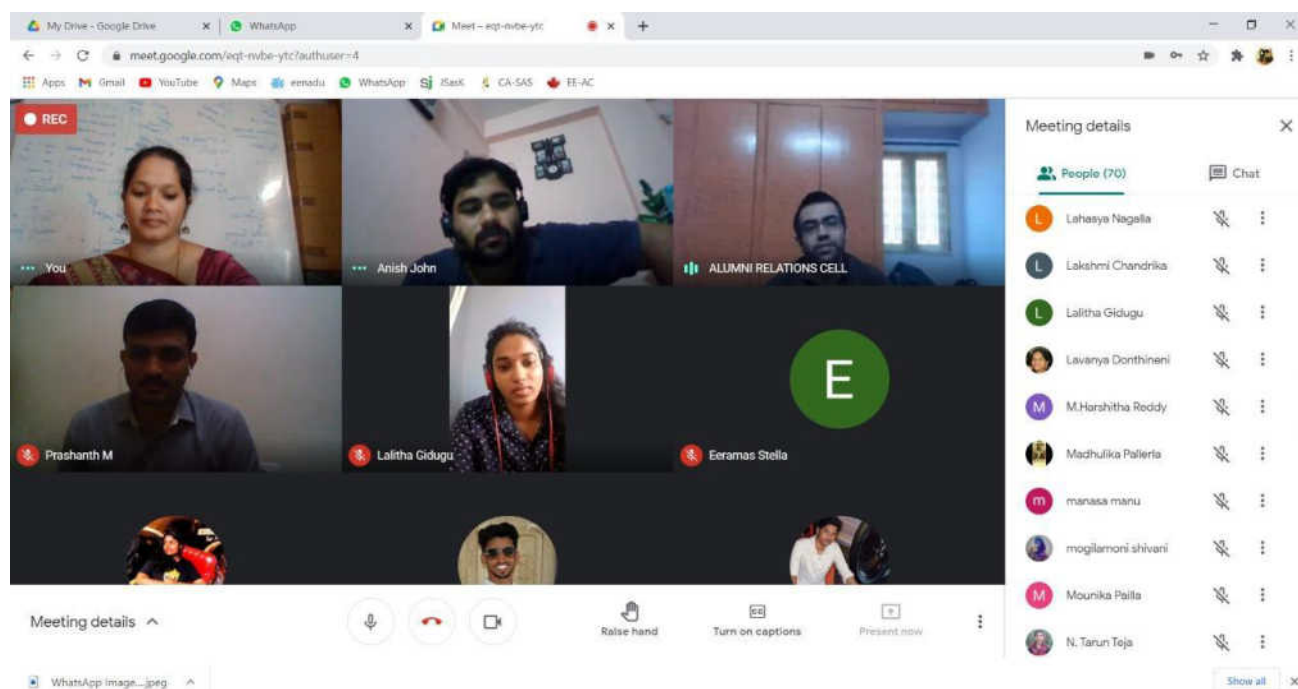
DATE : 21.11.2020

VENUE : ZOOM PLATFORM & KAHOOT

TIME : 10:30AM-12:30PM

‘Alumni Talks’ – an interaction program with the alumni was conducted by the faculty of physical sciences on 21st November 2020. The main objective of the event is to provide an exposure for the student community to know various career opportunities and also the diverse platforms to pursue higher education.

Mr. Anish spoke about the general skill set required to get into a job, gave some tips on how to prepare for the interview. Ms. Feba Francis, 2010 batch student currently pursuing her PHD in Oceanography spoke about her journey and inspired students to pursue higher education. Ms. G. Hima Lalitha, 2013 batch student spoke about the importance of campus placements in the college and advised students to take part in the campus selections. Mr. T. Bharadwaj, 2016 batch student spoke about cracking the entrance exams and achieving good ranks to pursue higher education in the university campus.



Mr Raman Welcoming the alumni and students

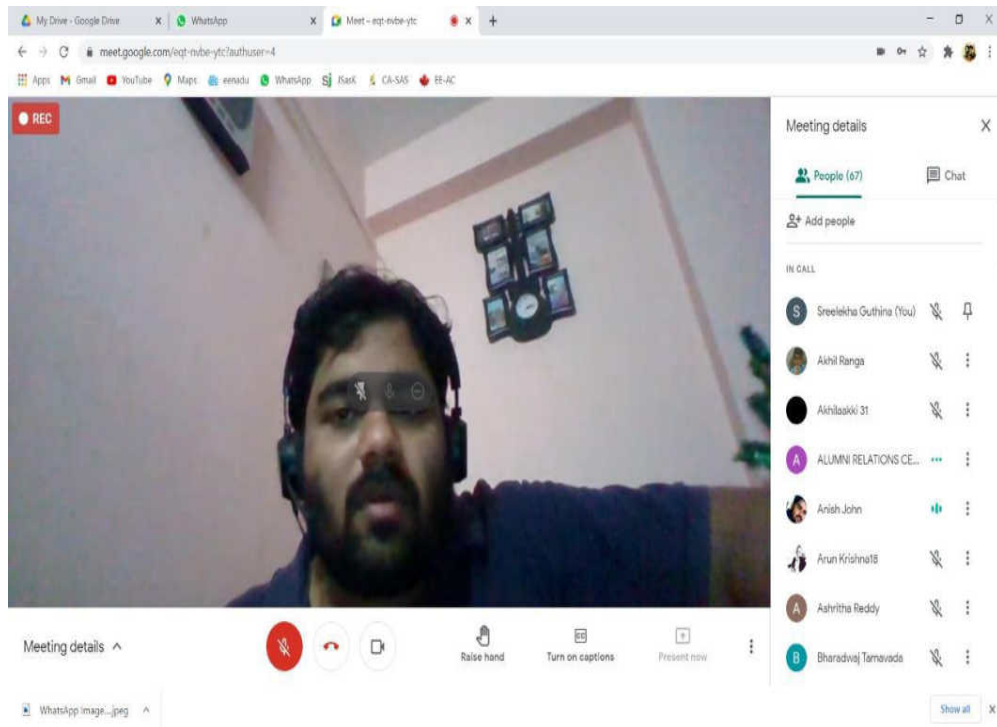


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Mr. Anil John explaining about the importance of attending campus placements



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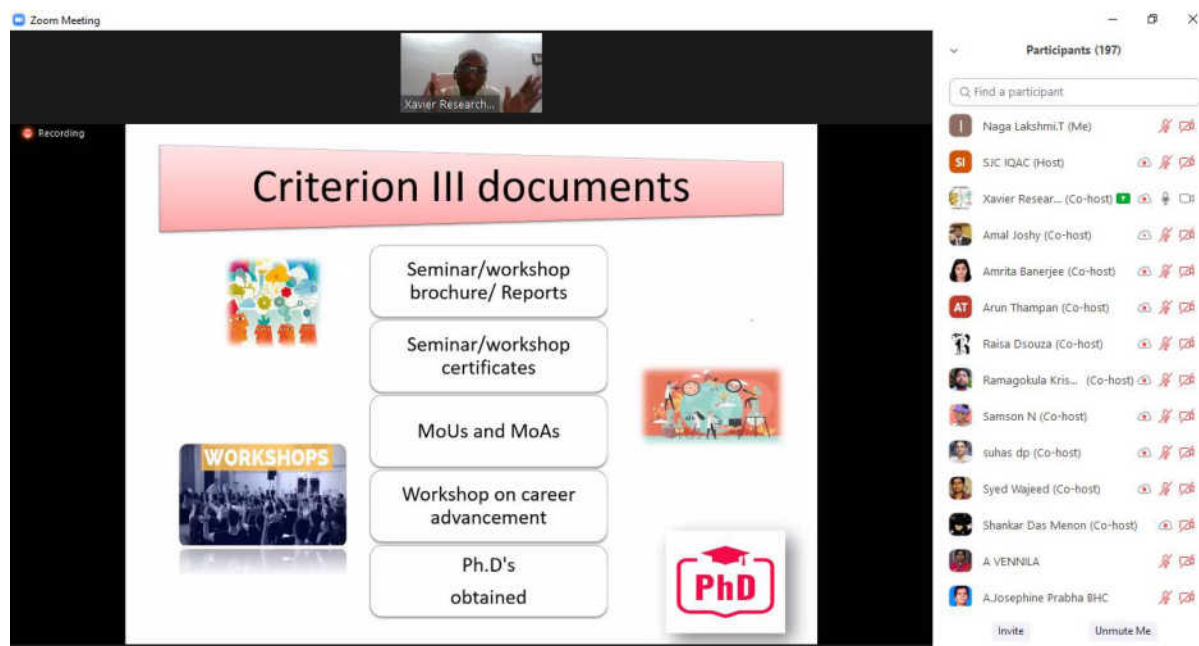
Name of the event : **National Level 7-Day online workshop on Revised NAAC & procedure under the aegis of the UGC scheme – Paramarsh.**

Date : **07-01-2021 to 15-01-2021**

Platform : **Zoom**

Participant : **Mrs. T. NAGA LAKSHMI**

Ms. T. Naga Lakshmi, Head, Department of Electronics attended a National Level 7-day online workshop on Revised NAAC norms & procedures conducted by IQAC cell of St. Joseph's College, Bangalore. The programme started with inauguration by chief guest Dr Ashwathnarayan C. N, Hon'ble DCM, Ministry of Higher Education, Guest of Honor, Prof. S. C. Sharma, Director-National Assessment and Accreditation (NAAC) for a crisp keynote address on the aspects of accreditation framework of NAAC. Rector Fr. Swebert d' Silva SJ spoke about "Role of Teachers in the Accreditation Process". Later each NAAC criteria was elaborately discussed by the resource persons from 7th January 2021 to 15th January 2021.



FR. IGNACIMUTTHU EXPLAINING ABOUT THE DOCUMENTS TO BE FILED FOR CRITERIA 3 – RESEARCH, INNOVATIONS AND EXTENSION



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Zoom Meeting

You are viewing Xavier Research Foundation's screen

View Options

Participants (211)

Q Find a participant

Naga Lakshmi.T (Me)

SJC IQAC (Host)

Xavier Resear... (Co-host)

Amal Joshy (Co-host)

Amrita Banerjee (Co-host)

Arun Thampan (Co-host)

Raisa Dsouza (Co-host)

Ramagokula Kris... (Co-host)

Samson N (Co-host)

suhas dp (Co-host)

Syed Wajeed (Co-host)

A VENNILA

A.Josephine Prabha BHC

A.Kalaivani

Unmute Me

Recording

Research Design

- Blue print for collection, measurement and analysis of the data
- Helps to avoid repetition and to move the science forward
- Helps smooth going of all research operations.
- Reduces inaccuracy, increases efficiency and reliability
- Literature survey and consultation with the experts are essential

Unmute Start Video Participants 211 Chat Share Screen Record Reactions Leave

FR. IGNACIMUTTHU EXPLAINING THE NEED FOR RESEARCH



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FDP REPORT

TOPIC : RESEARCH TRENDS IN PHYSICS AND ELECTRONICS

DATE : 27-01-2021 to 01-02-2021

TIME : 02:00PM – 03:30PM

VENUE : Online.

A Faculty Development Programme was organised by Department of Physics and Electronics, Little Flower Degree college, Uppal, Hyderabad in collaboration with Auxilium college, Vellore, on the topic “Research trends in Physics and Electronics” from 27th January – 1st February, 2021. The objective of the FDP is to equip the learners with the latest trends in Physics & Electronics. participants learnt about how latest inventions in the fields of physics and Electronics contributed to the progress in other fields.



Dr Mani Kumar, Resource person explaining the concept and developments in IOT

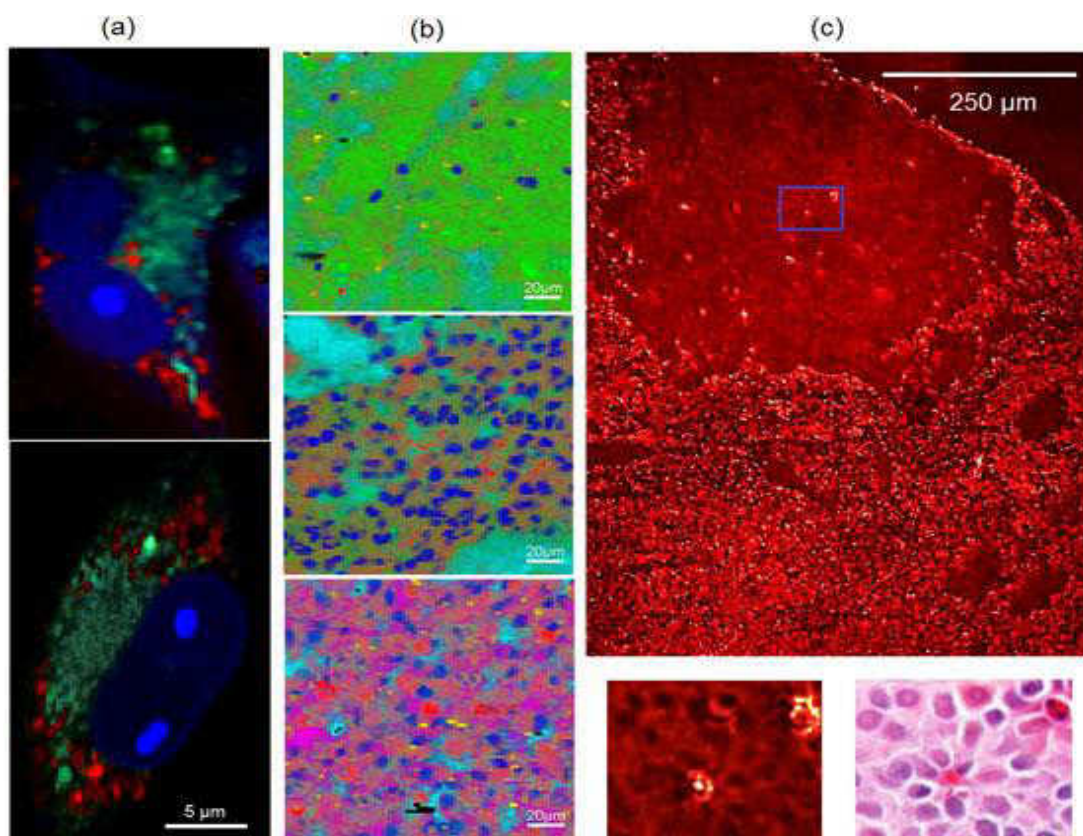


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Dr K. Satyavathi, Resource person explaining about Raman Spectroscopy



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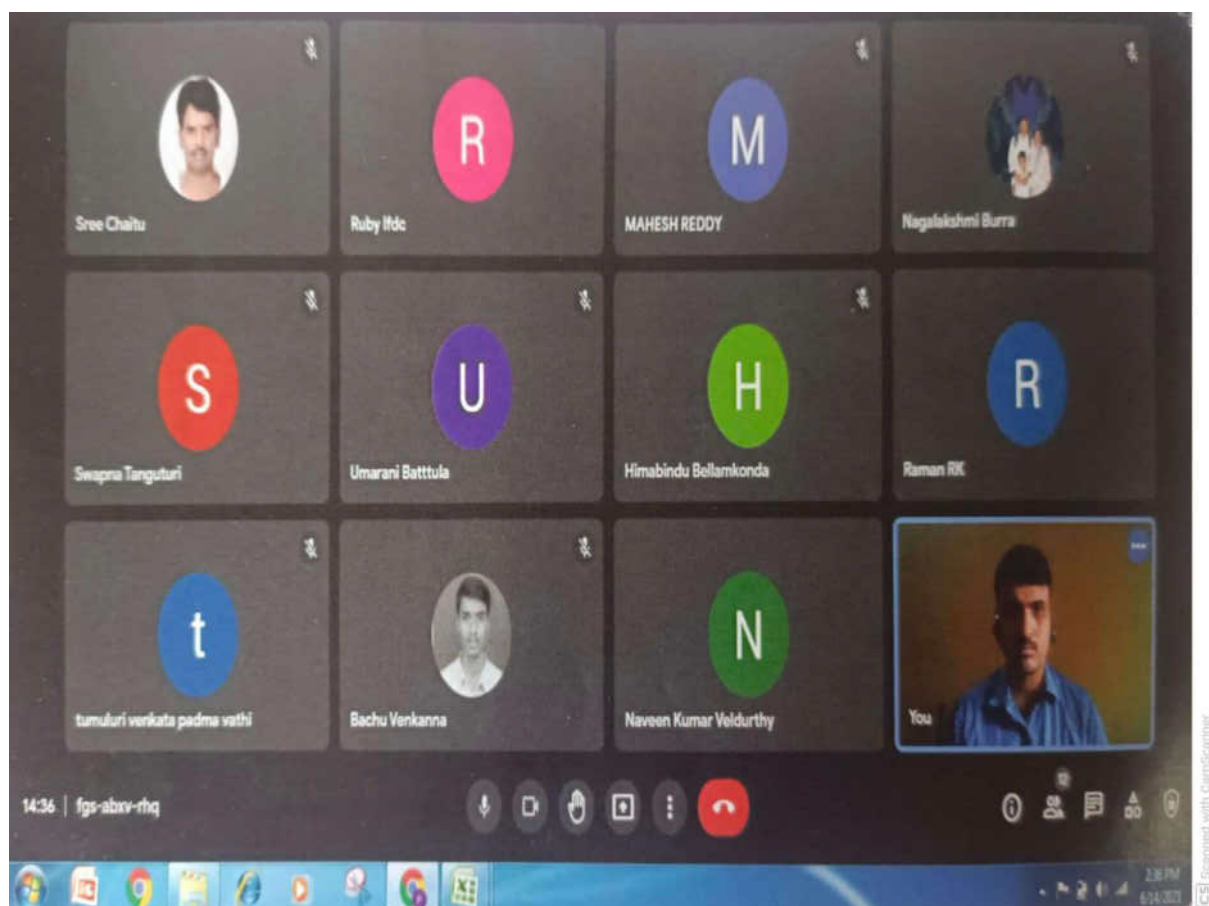
Online Workshop

Event: Work Shop

Topic: LATEX

Date: 22-04-2021 TO 28-04-2021

The Department of Mathematics has organised a one-week online workshop on Latex from 22nd April 2021 to 28th April 2021 in collaboration with IIT Bombay Spoken Tutorial. The objective of the workshop was to introduce participants to Latex which is a document preparation system for high quality typesetting useful for researchers introduce the basics of latex for writing documents for journals. Participants learned how to use latex for mathematical operations and writing reports.



Mr. Prashanth, Department of Maths introducing to LATEX.

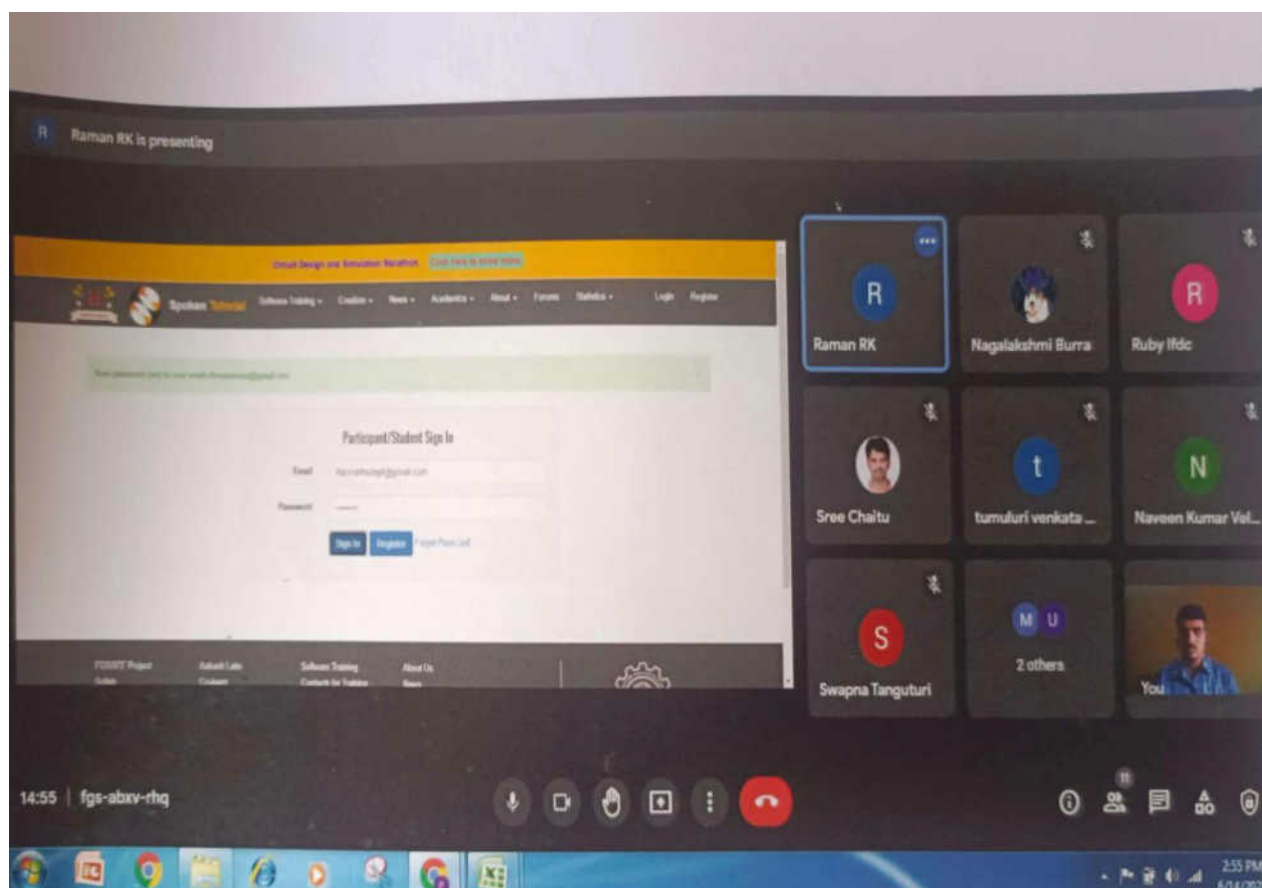


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Mr. Prashanth explaining about creating login credentials in IIT Bombay tutorial.



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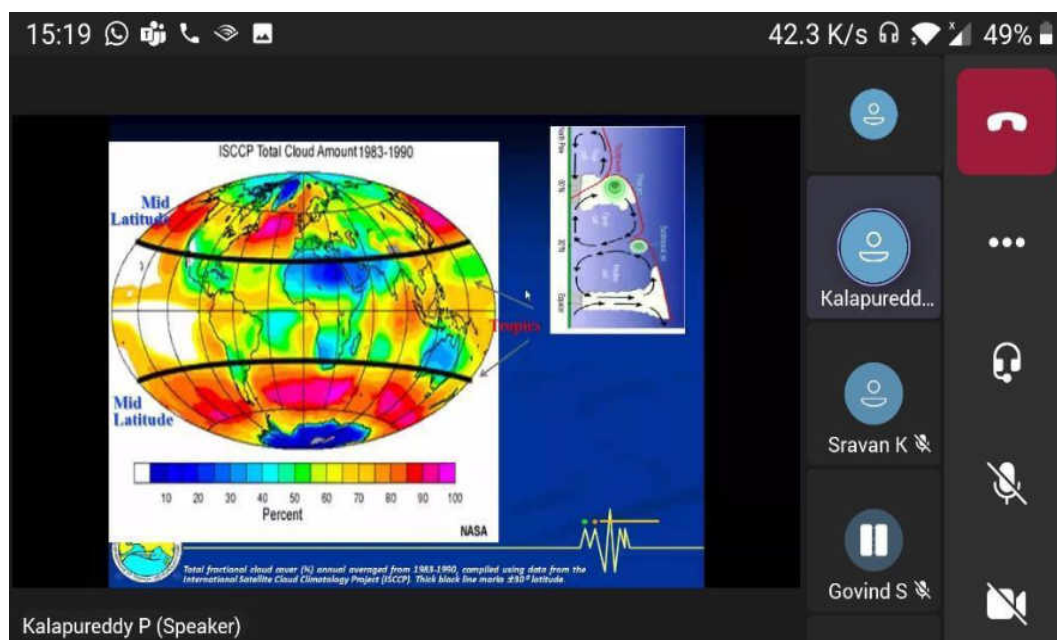
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NATIONAL WEBINAR (ATTENDED)

TOPIC : ROLE OF RADARS IN WEATHER APPLICATIONS
DATE : 24.05.2021
VENUE : ONLINE
TIME : 03:00 PM – 04:00 PM

An online National webinar on 'Role of Radars in Weather Applications' was organised by Department of Electronics, Aurora Degree & PG college, Hyderabad on 24th May, 2021. The speaker for the session was Dr M. C. R. Kalapu Reddy, Scientist-E, Indian Institute of Tropical Meteorology, Pune. The Webinar gave an insight into how radars are helpful in detecting the weather conditions and warn of the climate adversities in advance. The objective of the webinar is to equip the learners with the knowledge of how radars can be used in handling atmospheric problems. Participants understood how radars used in various geographical locations are helpful in weather forecasting and other applications.



Scientist Dr Kalapu Reddy explaining how radars are used to determine the temperature zones



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15:49 10.7 K/s 35%

IITM radar site in the WG

Kalapureddy P (Speaker)

Kalapuredd...
Sravan K
aruna C

Dr Kalapu Reddy explaining about the radar station in west Godavari district of Andhra Pradesh



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REPORT ON WEBINAR (CONDUCTED)

TOPIC: BLOCK CHAIN TECHNOLOGY

DATE: 19.06.2021

VENUE: ONLINE

TIME: 9 AM - 11 AM

No. of participants: 67

The Department of Electronics has organised an online webinar on 'Introduction to Block Chain Technology' on 19th June, 2021 for I, II, III B.SC(MECS) students. The guest speaker for the day was Dr Sudeep Tanwar, Professor, Department of computer science, Nirma University. The main objective of the program is to give an insight into the Block Chain Technology which is trending in the job market. To introduce basics of blockchain technology. Students learned about the basic concepts in block chain technology and also about the career opportunities.



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INTRA COLLEGIATE COMPETITIONS

TOPIC: PICTURE QUIZ

DATE: 06.07.21

VENUE: ONLINE

The Department of Electronics has organised an online picture quiz as a part of intra collegiate competition. A Google form with pictures related to electronics like scientists, components, logos etc was prepared and a link for the quiz was circulated in a WhatsApp group. Time limit to answer the quiz was set and students who had scored the highest marks were awarded certificates. The objective of the program is to test the students' knowledge to identify the famous personalities and also electronic components related to electronics. Students enthusiastically participated in the competition.

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**INTRA COLLEGIATE
LITERARY
COMPETITIONS**

on 5th & 6th July 2021

REGISTER HERE

Chief Patron:
Rev. Bro. Vincent Reddy
Principal, LFDC

Patrons:
Ms. P. Jayanthi Reddy
Vice-Principal, LFDC

Organising committee:
Ms. Suvarna (Dept of Eng)
Ms. Pannaga (Dept of Commerce)
Ms. Sandhya (Dept of Management)
Ms. Uma Rani (Dept of Maths)
Mr. Vijay (Dept of Cs)

Student Coordinator:
A. Sai Sarenga (Literary Secretary)

Merit/Participation certificates will be given

For queries
Contact: 9825585131
literary@lfdc.edu.in



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INTER COLLEGIATE COMPETITIONS

TOPIC: RECENT INVENTIONS IN ELECTRONICS

DATE: 24.07.21

VENUE: ONLINE

The Department of Electronics has organised an online power point presentation as a part of inter collegiate competition. The topic for 'PPT is recent inventions in Electronics. Registered students are asked to upload their PPT in the google link shared to their registered mail ids. The objective of the event is to encourage students to research about the new inventions in electronics. Students enthusiastically participated in the competition sharing new inventions.

LITTLE FLOWER DEGREE COLLEGE
UPPAL, HYDERABAD - 500039
(Affiliated to Osmania University)

PRESENTS

FESTA LETTARARIA 2021

An Intercollegiate Literary Competition

Merit/Participation E-certificates will be given

I PRIZE - RS 500
II PRIZE - RS 300
III PRIZE - RS 200

LAST DATE FOR REGISTRATION
23rd JULY 2021

ABOUT LFDC

Little Flower Degree College, a Monfortian Institution is committed to the values of Equality, Fraternity, Freedom and Brotherhood, Striving to Transform the Society through the Education Mission, Promoting Academic Excellence, Uprightness of Character, Emotional Maturity, Scientific Temper, Sportsmanship, Religious Tolerance and National Integration.

Chief Patron
Rev. Bro. Vincent Reddy
Principal LFDC

Patron
Mrs. P. Jayanthi Reddy
Vice- Principal LFDC

Organizing Committee
Ms. Suvarna (Dept. of English)
Mr. Vijay (Dept. of CS)
Ms. Sandhya (Dept. of Management)
Ms. Pannaga (Dept. of Commerce)
Ms. Sheela (Dept. of Hindi)

Student Coordinator
A. Sai Sowmya (Literary Secretary)

LITTLE FLOWER DEGREE COLLEGE
Uppal, Hyderabad - 500039.
(Co-Education)
Ph : 7673960152; www.lfdc.edu.in
Email : littleflowercollege@gmail.com

INSTRUCTIONS

- All are individual events, it is mandatory to upload your College ID.
- Participants should register individually for each competition.
- All online submissions should be in PDF format except videos.
- Your details i.e., full name, class, college name and place, etc should be mentioned in your Writings, PPTs, Posters, Collage and Videos.
- Collage/ Posters can be Handmade or Digital.
- Link for live events and online submissions will be sent to your registered Email ID.

ONLINE LIVE COMPETITIONS:
24th JULY 2021
Physics : Brainvita Quiz - 2PM
Hindi : Declamation - 4PM

ONLINE SUBMISSIONS:
25th JULY 2021 by 6PM



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| | | |
|---|--|--|
| <p>ML (English Literature) : PPT (15 Slides)</p> <ul style="list-style-type: none">• Topic - Film Review Adaptation• Adaptation of a Book/ Novel <p>Mass Comm. & Journalism : Photography</p> <ul style="list-style-type: none">• Topic - Aerial Photography• Must be original and no watermark.• Submit Colour and/or black and White.• Must be of the highest resolution.• Only single exposure and single frame pictures. <p>Political Science: Collage</p> <ul style="list-style-type: none">• Topic - World Population Day <p>Psychology : Quiz</p> <p>Library</p> <p>Topic - Sort it out and give meaning.</p> <p>COMMERCE</p> <p>E- Poster Presentation</p> <ul style="list-style-type: none">• Topic - Positive aspects of COVID -19 <p>Chronicle</p> <ul style="list-style-type: none">• One case study will be given.• Max 500 words, time limit one hour. <p>Management</p> | <p>Mathematics : Brain Teaser</p> <p>Physics : Brainvita Quiz (Live)</p> <ul style="list-style-type: none">• Topic - Scientists and their Inventions• Will be conducted on KAHOOT platform. <p>Statistics : E-Poster Competition</p> <ul style="list-style-type: none">• Topic - Applications of Statistics <p>Computers : Techparts Identification</p> <p>Chemistry : E-Poster</p> <ul style="list-style-type: none">• Topic - Nanoparticles and Quantum Dots <p>Electronics : PPT (Max 10 Slides)</p> <ul style="list-style-type: none">• Topic - Recent Inventions in Electronics <p>Life Science</p> <p>Biotechnology : PPT (10-12 Slides)</p> <ul style="list-style-type: none">• Topic - Science and Evolution of COVID-19.• Use research articles and latest news <p>Microbiology : Microbiome Quiz</p> <p>Botany : E-Poster</p> <ul style="list-style-type: none">• Topic - Importance of Yoga in daily life and food that supports Yoga practice. <p>Zoology : PPT (Max 10 Slides)</p> <ul style="list-style-type: none">• Topic - Nature pressed reset button during COVID-19 lockdown.• Collect and add published newspaper or social media clippings to support the topic. | <p>English : Creative Writing</p> <ul style="list-style-type: none">• Topic - If I were a• 400-500 words <p>Hindi : Declamation (Live)</p> <ul style="list-style-type: none">• Topic - Famous Speech Delivered in Public <p>Sanskrit : Solo Singing</p> <p>Sanskrit songs only</p> <ul style="list-style-type: none">• A recorded video <p>Telugu : Creative Writing</p> <ul style="list-style-type: none">• Topic - Oka Oori Katha/ Maa Oori Katha• 400-500 words <p>French : E-Collage Competition</p> <p>Topic - French Cheese and Wine.</p> <ul style="list-style-type: none">• Titles in French. <p>For Queries:</p> <p>9515706014 - Ms. Suvarna 9701215463 - Mr. Vijay 9908099911 - Ms. Pannaga 9866103039 - Ms. Sandhya 7075585131 - Sai Sowmya</p> <p>literary@lfdc.edu.in</p> <p>REGISTER HERE</p> |
|---|--|--|



Little Flower Degree College

UPPAL, HYDERABAD-39

INTER COLLEGIATE LITERARY COMPETITION

Little Flower Festa Letteraria 2021

JULY 2021

CERTIFICATE OF PARTICIPATION

This is to certify that Sandeep Jerome Alfred
of Little Flower Degree College has participated in PPT-INVENTIONS IN ELECTRONICS in
the Inter-Collegiate Literary Competition "Little Flower Festa Letteraria"
held in July 2021.

Alpaka Lakshmi.T
Coordinator

Prabhu Lakshmi
Principal