

# Licetronicles



Let your light shine

July 2021



LOYOLA-ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY  
LOYOLA CAMPUS, NUNGAMBAKKAM, CHENNAI-600034.



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## TEAM

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# #Microphone

**Ms. Queen Florence Mary**  
HoD, Mech



## SKILLS FOR INDUSTRY 4.0

**Industrial Revolution**, is the process of change from an agricultural society and handicraft economy to one dominated by industry and machine manufacturing. The Industrial Revolution began in the 18th century, and now we are in fourth industrial revolution called Industry 4.0.

Let us see the evolution of industrial revolution.

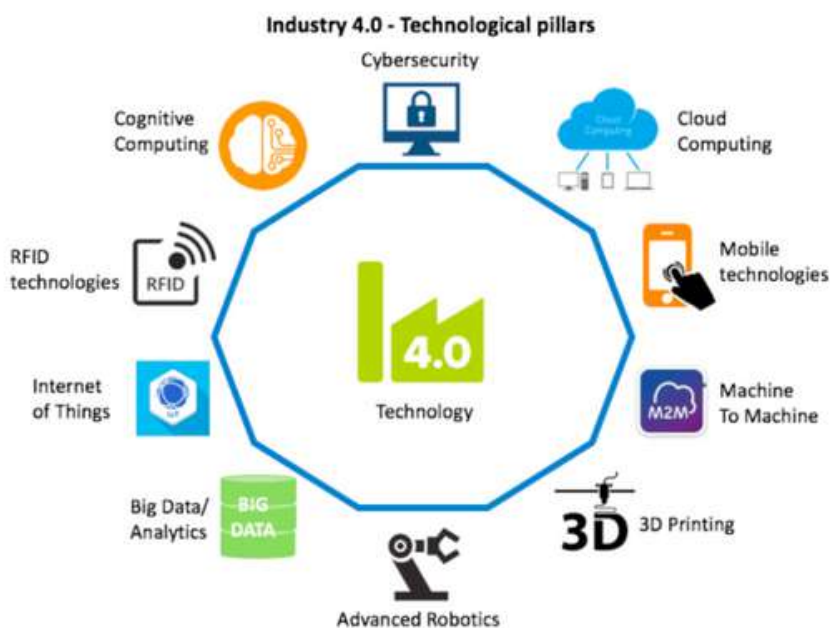
The First Industrial Revolution was marked by a transition from hand production methods to machines, increasing use of steam power and waterpower, the development of machine tools and the rise of the mechanized factory system.

The Second Industrial Revolution is known as the Technological Revolution. During this phase installations of extensive railroad, telegraph network and increased electrification happened. This resulted in the development of modern production line, increased productivity and increased economic growth.

The Third Industrial Revolution, known as the Digital Revolution, is the shift from mechanical to digital world with extensive use of computer and communication technologies in the production process.

Fourth Industrial Revolution, called Industry 4.0 deals with automation of traditional manufacturing process using modern smart technology like internet of things (IOT), cloud computing, Machine language and Artificial intelligence. The difference between the third and the fourth industrial revolution is that, in industry 4.0, computers are connected and communicate with one another to make decisions without human involvement.

Various technologies involved in the communication between computers, and the computers and machines are given in the figure.



## Challenges with Industry

### 4.0:

There are many challenges faced by industrialists while shifting to industry 4.0 and they are listed below.

1. A gap in technical skills
2. Data sensitivity
3. Interoperability
4. Security
5. Handling data growth

# #Microphone

## Challenges with Industry 4.0



Among the 5 challenges, the one that tops the list is the gap in technical skills. This gap is due to mismatch between what is taught in college and the requirement at work. This disparity must be addressed by inculcating the following skills in the students through training. This will make the students ready to face industry 4.0.

Some of the most crucial skills needed to face the industry 4.0 revolution include:

- **Virtual collaboration:** The ability to effectively collaborate between virtual team members via technology.
- **Cognitive load management:** The ability to filter information by importance and maximise cognitive functions.
- **Computational thinking:** The ability to translate vast amounts of data into abstract concepts and to understand data-based reasoning.
- **Design mindset:** The ability to represent and develop tasks and to focus on the work process to achieve the desired outcomes.
- **Social intelligence:** The ability to convey concepts to others deeply and directly and be able to sense and stimulate reactions.
- **Adaptive thinking:** Demonstrating the proficiency of thinking and coming up with solutions, and the ability to determine the deeper meaning of what's being expressed.

Apart from the above, the following technical skills are also needed for industry 4.0.

1. Analytical thinking and innovation
2. Active learning and learning strategies
3. Complex problem-solving
4. Critical thinking and analysis
5. Creativity, originality, and initiative
6. Leadership and social influence
7. Technology use, monitoring, and control
8. Technology design and programming
9. Resilience, stress tolerance, and flexibility
10. Reasoning, problem-solving, and ideation

Now the world is moving towards industry 5.0. If we are not fast enough to be abreast with industry growth, then we will be at a loss. Being successful in this competitive world, is to upskill ourselves with the latest technologies.

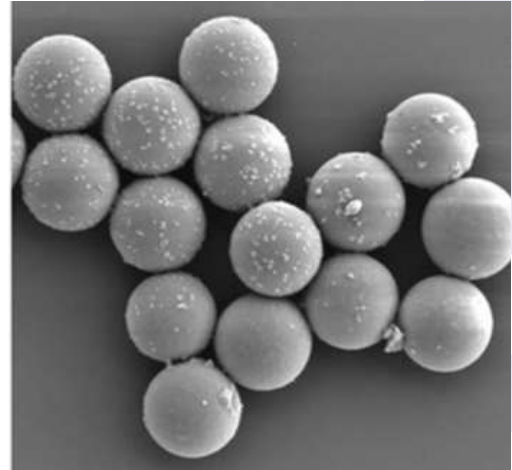


## DATA STORAGE - THEN AND NOW

There are about 10 trillion gigabytes of digital data, available worldwide and we add up to another 2.5 million gigabytes everyday. Traditional digital storage systems like CD, DVD, flash drivers could provide a density of around 201 GB/ in<sup>2</sup>. Much of this data is stored in enormous facilities referred to as exabyte data centres. An exabyte is 1 billion gigabytes and cost around \$1 billion to build and maintain. To store data to a magnitude of zettabytes, it requires a large physical space. Another required characteristic of data storage is the preservation duration. Traditional media like tapes and others are only capable of storing data only for tens of years due to their tendency to decay.

Scientists iterate, that new solutions are required for storing these large amounts of data that the world is accumulating, especially the archival data. They also believe that an alternative solution could be the use of the molecule that contains our genetic information: DNA, which evolved to store large quantities of information at very high density. Deoxyribonucleic acid (DNA) has been in the limelight due to its inherent features, like high physical density and long durability, which significantly satisfies the need for large-sized long-term storage.

DNA is thousand times denser than even the flash memory, and another significant property is that once the DNA polymer is made, it doesn't consume any energy. DNA, when once written can be stored forever. Besides, DNA's four-letter nucleotide (A nucleotide is the basic building block of nucleic acids. RNA and DNA are polymers made of long chains of nucleotides) code offers a suitable coding environment like the binary digital code used by computers and other electronic devices, to



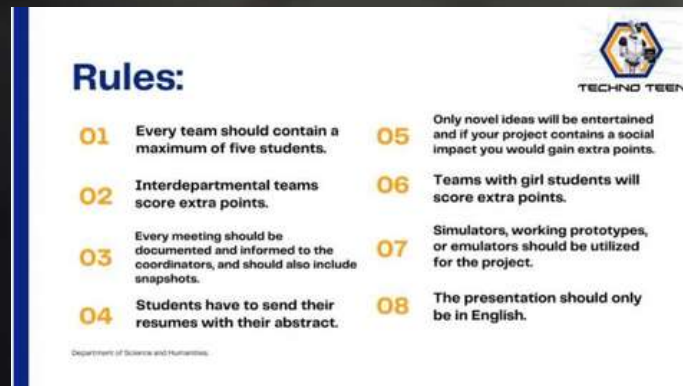
*A photo of the DNA "files." Each silica sphere contains DNA sequences that encode a particular image, and the outside of the sphere is coated with nucleotide barcodes that describe the image contents.  
Credit: Courtesy of the researchers*

represent any letter, digit, or other character. For the storage of data in DNA, a data file is first converted from its digital sequence of 0's and 1's into a DNA sequence of A's, C's, T's and G's.

Fifteen tech-based companies and institutions have formed an alliance in 2020 with the aim of advancing DNA data Storage. Among these Illumina, Microsoft, Twist Bioscience, and data storage giant Western Digital take the forefront as the founding members of the DNA Data Storage Alliance.

It has been proven that we could encode images and texts as DNA. But the task is, finding out the required file from a mixture of many pieces of DNA. This can be achieved by encapsulating each data file into a 6-micron silica particle labelling it with a short DNA sequence to reveal the contents. Using this method, it is proved that we can accurately extract a single image from a set of images, which are stored as DNA sequences.

# Technoteen-Science Fair



Technoteen is meant to stoke and rouse the mental abilities of teenagers, the first years and to challenge them technically. In this regard, an active group of III-year students felt that it was their responsibility to put a spark in the juniors, right at the start of the course. Hence, they planned to host the science fair for them and thus sat for a discussion to make it happen along with the HoD of S&H.

The whole idea was to help them put on their thinking cap, and think out of box, so that they could achieve something spectacular. The first meet was conducted to brainstorm ideas on how to make the science fair more effective for the students. There were long discussions about the topic to be given and finally, it was decided to keep it open to all ideas.

It was planned to conduct Technoteen in multiple phases, starting off with an ideation phase, a platform for students to express their simple ideas. The teams were asked to register with their team members, the title and the abstract, as a first step. Then they were assigned third-year student mentors from different departments, based on their domain of interest, to give them a mutual learning experience for both the mentors and the students. We had faculty mentors as well guiding them.

It was a wonderful experience for the mentors too, guiding the juniors in every step until the day of the competition. The first phase took place on 18th and 19th of June 2021. There were around 30 teams, split across two days. The jury consisted of both final-year students, who have experience in project work and faculty as well.

It started at 2 pm on 18th, with the Principal addressing the gathering, followed by few motivating words from the HOD of S&H. The teams were ready with a sense of excitement to present in front of everyone gathered. The online meet had a strength of 90 members consisting of first-year students, their mentors, and faculty throughout both the days. The jury of day 1 asked the students simple yet intriguing questions. At the end of the day, the questions made the teams of day 2 even more anxious to know the comments and questions of the jury for their project.

The second day started with a special address by the Principal and the HOD as well. With a panel of six judges, the second day was filled with mind-blowing presentations and Q and A sessions with the judges. The freshers were very happy and satisfied with all the efforts they had put in, for Technoteen.

The day came to an end with student mentors and jury members sharing their feedback and experiences. After almost five long hours, the session concluded with a snapshot. The teams are excited to build on these ideas to see it take a better form by the second phase of Technoteen which will take place in the month of August.

The overall feedback of the event was very good. It was definitely a great experience for the amazing team, without whom it wouldn't have been possible.



## TEAM BEHIND TECHNOTEEN:

Ms. Josephine, HOD S&H

Akshatha Das Meetinay, III yr IT

Benedict Roshan Sebastian, III yr CSE

Swana Simran Singh, III yr IT

Silas Ashar, III yr IT

# ICT ACADEMY ACTIVITIES

## STUDENTS TRAINING

S.No	Event	No. of Participants	Duration	Year
1	Amazon Cloud Architect Certification- Training- 40 hrs Module	97	Apr 2021- May 2021	II & III
2	Salesforce Fundamentals- Exclusive Girls Program- 12 weeks Training	42	Apr 2021- July 2021	III
3	Salesforce Catalyst Full Stack Developer Program- 5 weeks Training	84	June 2021	III
4	CISCO Internship in Association with NASSCOM & AICTE	184	June 2021	II & III
5	Inspirisys Advanced IT Skills Training Program- 60 hrs Technical & 20 hrs Soft Skill Training	30	June 2021	III
6	Python Certification Program Certified by Python Institute-CISCO	101	June 2021	I, II & III

## FACULTY DEVELOPMENT PROGRAM

The following Online FDPs were conducted in the month of May - June 2021

1. Fundamentals of AI & ML
2. Fundamentals of AI
3. Introduction to Angular JS
4. Product Simulation using Fusion 360
5. Creative Thinking
6. Stress Management
7. Introduction to Python Programming
8. ICT Tools for Faculty
9. Digital Learning Techniques
10. Conflict Management
11. Delivering High Impact Presentation
12. Stress Management

On a total 24 faculties benefited out of this FDPs



# Report on Training & Excellence

## Training

Former CTO H Bemeshia Smitha attended the Pre-Commissioning Course PRCN/SW/107 from 8-Feb-2021 to 8-May-2021 at NCC Officers Training Academy (OTA) Gwalior, Madhya Pradesh. She got commissioned as Associate NCC Officer (ANO) on 8th May 2021 and promoted as Lt H Bemeshia Smitha

**Ms. Bemeshia Smitha**  
AP,IT



## Achievements

In the Academy, she was appointed as the Company Senior based on her overall persona and performance and charged to take up the responsibility of the entire events of the company and conduct. During the Course of training, she received "Certificate of Excellence" in 6 categories

- Excellence in Planning & Organising Institutional Training
- Excellence in Book Review
- Excellence in Drill IP
- Excellence in Yoga IP
- Excellence in Camp Planning
- Excellence in write up on role of NCC Cadets During Disaster Management.

She also participated in the Inter Coy Company Competition and won trophies in Volleyball & Badminton games.

## Events:

In view of celebrating International Day of Yoga (IDY) 2021, the NCC Army unit organized a webinar on "Yoga for Health and Fitness" held on 21th June 2021, with the concept of "Be with Yoga, Be at home". Lt Dr N Bidhya Pati, Assistant Professor, Department of Physical Education, GP Women's College, Imphal, Manipur addressed the cadets. Every NCC cadet participated and practiced Yoga to be fit and healthy.



# ACADEMIC EVENTS



#AcademicEvents

# #Academic Events

MAY 1st

## PAPER PUBLICATION

Dr. S. Prathiba, HoD/EEE has published a paper titled **Reparation of Voltage Disturbance Using PR Controller-based DVR in Modern Power Systems in Production Engineering Archives 2021, Sciendo**

MAY 1st

## WEBINAR

Dr.E.Madhavan Pillai, Professor of Mechanical Department attended a webinar organized by Youth Red Cross, LICET on the **Importance of IP for MSME: Transforming Ideas into Product** by Dr.E.Bhaskaran Joint Director (Engineering), Department of Industries and Commerce, Govt of Tamilnadu.

MAY 1st

## WORKSHOP

Anthea A M B of III IT attended national workshop on **Artificial Intelligence** organized by Pantech E-Learning from 30th April to 1st May 2021.

MAY 1st

## ONLINE COURSE

Sedric F R of I CSE participated in **The Guinness World Record Event - Most users to take an online computer programming lesson in 24 hours** conducted by Guvi.

MAY 2nd

## ONLINE COURSE

Sedric F R of I CSE attended **Advanced Excel Workshop** conducted by JS Academy.

MAY 4th

## FDP

Dr. A. Radha, Assistant Professor / Mech has attended **Six Days ONLINE FDP on DESIGN AND DEVELOPMENT OF PRODUCTS AND SERVICES** between 4th to 10th May 2021 organized by R.M.K. ENGINEERING COLLEGE.

MAY 4th

## ONLINE COURSE

Sharon Nivedita. P of IIT successfully completed, **Build a Mobile App with Google Sheets on Glide and No Coding**, an online non-credit course authorized by Coursera Project Network and offered through Coursera

# #Academic Events

MAY 4th

## ONLINE COURSE

Joicy A and Mary Shivani S of IIT successfully completed, Python Programming Essentials, an online non-credit course authorized by Rice University and offered through Coursera

MAY 5th

## STUDENT ACHIEVEMENTS

An interdisciplinary team named COSMOSTELLAR comprising of students, Sakthivel of III EEE, Alfred of I EEE, Punitharaj, Purveen Ram, Shimon Thomas, Pranavan, Mhd. Hamdaan of III MECH, Sneha, Shimona, Sherwyn of II Mech along with Lokeshwaran III ECE and Praveen I ECE participated in the International Planetary Aerial Systems (IPAS) Challenge. The challenge was to design a Mars Aerial System (Vehicle) which shall be fully equipped and mission ready for operation on Mars. This event was organised by Mars Society-South Asia. Our team COSMOSTELLAR stood seventh among the teams from the South-Asian Countries.

MAY 5th

## ARTICLE PUBLICATION

Mr G.K. Sathishkumar Assistant Professor / Mech has submitted a manuscript titled Experimental and Finite Element Analysis of Lignite Fly Ash on the Mechanical Properties of Sisal-added Polymer Matrix Composite using ANSYS workbench is accepted in Journal of Natural Fibers (A group of Taylor and Francis Ltd publication) that has an impact factor of 2.622.

MAY 5th

## HACKATHON

Mohammad Hamdaan of III Year Mechanical Engineering Participated in World Innovation Hack conducted by UN.

MAY 5th

## PANEL DISCUSSION

Ms. Ann Christina. T AP/S&H, attended a panel discussion on Education 4.0 organised by BW Wednesday Wisdom.

MAY 7th

## WEBINAR

Dr.E.Madhavan Pillai, Professor / Mech, attended a webinar on Cyber Security, organized by the Department of Information Technology

# #Academic Events

MAY 7th

## ONLINE POST GRADUATION

Dr. Elgin Christo V RAP/IT successfully completed Post Graduation in AI and Machine Learning, online, in Purdue University

MAY 7th

## JOURNAL PUBLICATION

Ms. Anitha E, AP/IT published paper titled Face Recognition Based Secured Locker Control and Gesture-Based Home Appliance Control for Disabled People in the International Research Journal of Engineering and Technology (IRJET), Volume 8, Issue 5, May 2021.

MAY 7th

## INTERNSHIP

Smith Trivedi of IV IT successfully completed internship with Fornex, a Data Analytics Studio under Sector 7 Workspace Private Limited as Business Research Analyst from 8th March to 7th May 2021

MAY 7th

## WORKSHOP

Dhivya Dharshni S and Rohan Jebaraj of II IT participated in a 5 day national workshop on Building Skills, organised by Tech Pro Club of CSE, SRMIST from 3rd to 7th May 2021.

MAY 7th

## WEBINAR

Sharaon Nivedita of IIT attended webinar on Cyber Security organized by Road Track Club of LICET

MAY 7th

## FDP

Ms. J Christina, AP/CSE completed a five day online Faculty Development Programme on Inculcating Universal Human Values in Technical Education organised by All India Council for Technical Education (AICTE).

# #Academic Events

MAY 7th

## INDUSTRY- ACADEMIA CONCLAVE -2021

The Department of Electronics and Communication Engineering organized a panel discussion on "Strategies to Turn the Opportunities into a Bright Career in the Industry" as a part of the Industry-Academia Conclave -2021.

MAY 8th

## WEBINAR

Design Validation session for III year Mechanical Engineering students was organised by the Department of Mechanical Engineering, LICET. Mr Theliban and Mr Arulius Savio alumni of Mechanical Engineering Department perused the design calculations and gave actionable signposts.

MAY 8th

## WEBINAR

The Department of Mechanical Engineering organised a webinar on Smart Vehicles for Higher Secondary and Diploma students Mr.N.Prabhu Shankar, Asst.Prof. / Mechanical Engineering walked through various intriguing concepts with respect to Smart Vehicles

MAY 8th

## WORKSHOP

Anthea A M B of III IT participated in the free national workshop on Robotics Vision in association with Pantech e-Learning on 7th & 8th May 2021

MAY 9th

## IDEATHON

Athathiya.S of I IT presented an idea, The Ecoist, in Ideathon-II conducted by LICET Pattarai on 8th & 9th May 2021.

MAY 11th

## INTERNSHIP

Yashwanth Yogi of III year Mechanical Engineering completed four weeks internship on Space Technology and Aerospace Rocketry from 10th April to 12th May 2021.

# #Academic Events

MAY 11th

## WORKSHOP

Maria Anisha G of IIIT participated in a one day online workshop on Deploying AI Robots on Hardware In association with LIVEWIRE, IEEE Computer Society and Computer Society of India, organized by Panimalar Institute of Technology

MAY 13th

## WEBINAR

Dr.E.Madhavan Pillai, Professor / Mech attended a webinar organized by LICET - NSS club on Winning over the COVID wave by Dr. Jerome Xavier P, B.S.M.S., M.D, eminent Siddha Specialist.

MAY 14th

## FDP

Dr. R Juliana, HoD/IT successfully completed a 5 day online FDP on Fundamentals of AI and ML, organized by ICT Academy

MAY 14th

## STTP

Dr. A Janani, Asso. Prof/IT successfully completed ISTE approved Short Term Training Programme on Data Science with Python, organized by D Y Patil College of Engineering and Technology from 10th to 14th May 2021.

MAY 14th

## WEBINAR SERIES

Raksha V G of IIIT participated in the event, Spread Wings, Robotx and Ride on, Grow up, an intercollegiate technical webinar series, organized by Cyborg Automata Club, Chennai Institute of Technology from 10th to 14th May 2021.

MAY 15th

## ALUMNI MEET

The Department of Mechanical Engineering organised an Alumni meet for 2011-2015 batch. Topics ranging from job descriptions to entrepreneurship were discussed in the meeting.

# #Academic Events

MAY 15th

## ONLINE COURSE

Preethi R of II IT completed a Certification course on AWS Academy Cloud Foundations & was awarded the badge AWS Academy Graduate.

MAY 15th

## APPRECIATION

Sedric F R of I CSE has achieved Rank 9349 in Open Coding Round Contest and is awarded for outstanding performance and exemplary contribution to TechGig.

MAY 16th

## ONLINE COURSE

Jennifer Lesly S of III IT successfully completed Introduction to Psychology, an online non-credit course authorized by Yale University and offered through Coursera

MAY 16th

## ONLINE COURSE

Vincy Veronica A of II IT completed a Certification course on AWS Academy Cloud Foundations course & was awarded the badge AWS Academy Graduate.

MAY 17th

## ONLINE COURSE

Mr. L Remegius Praveen Sahayaraj, AP/ CSE completed a 20 hour AWS Academy Cloud Foundations course & was awarded the badge AWS Academy Graduate.

MAY 17th

## FDP

Dr.Kavitha AP/Chemistry attended a one week FDP on ICT TOOLS for Faculty (Online live FDP) conducted by ICT Academy.



# #Academic Events

MAY 18th

## WORKSHOP

Anthea A M B of III IT attended a two day workshop on Artificial Intelligence with Python organized by Postulate Institute of Research and Technology on 17th & 18th May 2021 & also AR and VR organized by Geethanjali Institute of Science and Technology, in association with Pantech E-Learning

MAY 18th

## ONLINE COURSE

Regis R of I IT successfully completed an online course on React JS Web Developer with ES6 through Udemy.

MAY 18th

## WEBINAR

Ms. Ann Christiana. T, AP/S&H, attended a webinar on Ace the Interview: Etiquette, Tips & Tools & Answering Tricky Questions in the Pandemic by Shivani - Corporate Trainer organised by Sipping Thoughts.

MAY 19th

## WORKSHOP

Anthea A M B of III IT attended a workshop on Mobile Android App Development organized by Government Polytechnic, Ambad District, in association with Pantech E-Learning

MAY 19th

## WEBINAR

Ms. V J Sharmila, AP/CSE participated in an international webinar on Computing Applications in Biology, organized by the Department of Computer Science and Engineering, Easwari Engineering College, Chennai.

MAY 20th

## ISTE FDP

Mr P Chandrasekhar AP/Mech, attended ISTE online FDP on Emerging Trends in Teaching and Learning from 20th May to 26th May 2021, conducted by Chouksey Engineering College, Bilaspur

# #Academic Events

MAY 21st

## SYMPOSIUM

Dini Shiba S of II IT participated in Battle of Rooks event in Thakshashila 2021 organized by Chennai Institute of Technology from 17th to 21st May 2021

MAY 20th

## FDP

Ms.Shenbaga Devi AP/S&H attended a one-week FDP on Recent Research Developments in Mathematics, Statistics and their Applications, organized by the Department of Basic Sciences & Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh, India.

MAY 21st

## FDP

Mr.E.Sathish AP/Mech, attended a five day FDP on Product Simulation Using Fusion 360 organised by ICT academy

MAY 21st

## FDP

Dr. A Janani Asso. Prof/IT attended a two week international FDP on Trends and Challenges in Machine Learning and Deep Learning, organized by the Department of Information Technology, Easwari Engineering College from 10th to 21st May 2021

MAY 21st

## WORKSHOP

Anthea A M B of III IT participated in the workshops on Machine Learning organized by Guntur Engineering College and Fundamentals of Aurdino and its Application organized by St Pious X Degree and PG College for Women, in association with Pantech E-Learning

MAY 21st

## SYMPOSIUM

Dini Shiba S of II IT participated in Battle of Rooks event in Thakshashila 2021 organized by Chennai Institute of Technology from 17th to 21st May 2021

# #Academic Events

MAY 22nd

## PANEL DISCUSSION

A Panel Discussion on Making an ATV was organised by the Department of Mechanical Engineering for Higher secondary School students

MAY 22nd

## WEBINAR

Ms. Prabha B, AP/IT attended a webinar on Machine Learning: A Problem Solving Approach(K-NN) organized by Digisaksham

MAY 22nd

## WORKSHOP

Anthea A M B of III IT attended a workshop on Data Analytics organized by Mahathma Gandhi Institute of Technology in association with Pantech E-Learning

MAY 24th

## FDP

Mr G.K. Sathishkumar, AP/Mechanical attended a five day FDP on Effective Preparation and Documentation of Self assessment Report organised by Kalasalingam Academy of Research and Education from 24th to 28 May 2021

MAY 24th

## WORKSHOP

Anthea A M B of III IT participated in a workshop on Cognitive Radio Communication, organized by Hindustan Institute of Technology, in association with Pantech E-Learning

MAY 24th

## APPRECIATION

Mr. L Remegius Praveen Sahayaraj, AP has been recognized as AWS Educate Program Educator by Amazon Web Services, to conduct online classes and assign AWS educational resources to students in future.

MAY 24th

## FDP

Ms. Ann Christiana.T, AP/S&H, attended an FDP on Creative & Innovative Teaching Strategies for the New Normal organised by SSN - IIC, from 24th to 31st May.

# #Academic Events

MAY 25th

## WEBINAR

Dr.E.Madhavan Pillai, AP / Mech attended a webinar organized by LICET Covid Cell on Avoiding negative thoughts when people around you turn covid positive by Prof. Gladston, Associate Professor in Dept of Social Work, Loyola College & Dr Ganesh Kumar, Deputy Director of ICMR

MAY 27th

## PAPER PUBLICATION

Mr G.K. Sathishkumar AP/Mech has published a paper on Structural and mechanical properties of lignite fly ash and flax-added polypropylene polymer matrix composite in Journal of Natural Fibers (A group of Taylor and Francis Ltd publication) that has an impact factor of 2.622.

MAY 27th

## COMPETITION

A Team of 13 students from the Department of Mechanical, ECE and EEE participated in International Planetary Aerial Systems Challenge 2021 and secured 6th position

MAY 28th

## WEBINAR

Mr G.K. Sathishkumar, AP/Mech attended a one day webinar on SPECTROSCOPY: INTRODUCTION AND RECENT ADVANCES organised by Theivanai Ammal College for Women (Autonomous)

MAY 28th

## ONLINE COURSE

Preethi V of II IT successfully completed an online course on Java Script course for beginners with jQuery & AJAX through Udemy

MAY 28th

## ONLINE COURSE

Jedidah Beryl Benita Solomon of II IT completed a certification course on AWS Academy Cloud Foundations & was awarded the badge AWS Academy Graduate.

MAY 28th

## FDP

Mr. L. Remegius Praveen Sahayaraj, AP/CSE participated in 12 hours of Faculty Development Programme on Introduction to Angular JS conducted by ICT Academy.

# #Academic Events

MAY 28th

## WEBINAR

Ms. Shenbaga Devi AP/S&H attended a national conference on Mathematical Analysis and Computing (NCMAC-2021) organized by the Department of Mathematics, Sree Sevugan Annamalai College, Devakottai, Sivagangai, Tamil Nadu

MAY 29th

## WEBINAR

Ignite the Young Minds - IYM 2K21, a webinar for the school students was organised by the Department of Electrical and Electronics Engineering.

MAY 29th

## FDP

Department of Information Technology organized a 6 day online FDP on Cloud Computing sponsored by Centre for Faculty Development, Anna University from 24th to 29th May 2021. Dr. Elgin Christo V R, Ms. Prabha B, Ms. Sherril Vincent, Ms. Shobana, Ms. Kavitha V and Mr. Marshal Mano AP/IT & Ms. V J Sharmila, AP/CSE, attended the same.

MAY 29th

## FDP

Ms. A Jeevitha, AP/ CSE, attended a one week International Faculty Development Programme on Blockchain with Cyber Security organized by the Department of Computer Science and Engineering, Easwari Engineering College, Chennai.

MAY 31st

## WEBINAR

Ms. Ann Christiana.T, AP/S&H, attended a webinar on Building Resilience: Supporting Mental Wellbeing on Campuses by Education Ficci.

MAY 31st

## CERTIFICATION

Krithika N of II IT successfully received the Cloud Practitioner Certification from Amazon Web Services(AWS).

# #Academic Events

JUN 1st

## INTERNSHIP

Bennet Vini of I EEE got selected as an intern at Eat My News for content writing.

JUN 1st

## DISCUSSION

LICET's Covid Cell organized a discussion session with Mr Raja (Pattimandram fame) on The issues faced by the students during this pandemic and its solutions.

JUN 1st

## FDP

Dr.E.Madhavan Pillai, Prof/Mech attended a five day FDP on Data Visualization and Analysis from 31st May to 4th June '21, organized by Chennai Institute of Technology. Dr.G.Sivakumar, CEO, Vision Excellence Consulting Private Limited was the resource person for the event.

JUN 1st

## WEBINAR

Princy Joshna Mary of II IT, attended a webinar on Slam Robotics organised by Sri Chandrasekharandra Saraswathi Viswa Mahavidyalaya, in association with Pantech E Learning.

JUN 2nd

## WEBINAR

Princy Joshna Mary of II IT, attended a webinar on IoT organized by Siddharth Institute of Engineering and Technology, in association with Pantech E Learning.

# #Academic Events

JUN 2nd

**FDP**

Ms.Shenbaga Devi AP/Mathematics participated in a five day national level webinar on Mathematical Software Workshop, organised by the Department of Applied Sciences and Humanities, in Association with Mathematics Club, Universal Engineering College, Vallivattom, Thrissur (dt), Kerala

JUN 3rd

**WEBINAR**

Princy Joshna Mary of IIIT, attended a webinar on Cognitive Radio, organized by Nehru Institute of Engineering and Technology, in association with Pantech E Learning.

JUN 4th

**PANEL DISCUSSION**

The Department of Information Technology organized an online Panel Discussion on Future of Engineering for the higher secondary students. Students from various schools participated.

JUN 5th

**WEBINAR**

Ignite the Young Minds - IYM 2K21, a webinar for the school students was organised by the Department of Electrical and Electronics Engineering. Students from various schools participated in the event.

JUN 5th

**WEBINAR**

Princy Joshna Mary of IIIT, attended a webinar on AI Based Object Detection, organized by Khalsa College for Women Sidhwan Khurd, in association with Pantech E Learning.

JUN 5th

**FDP**

Ms.Shenbaga Devi AP/Mathematics, attended a five day national level webinar on Recent Trends in Applied Mathematics organised by the Department of Applied Sciences and Humanities in Association with Mathematics Club, Universal Engineering College, Vallivattom, Thrissur (dt), Kerala

# #Academic Events

JUN 5th

## WEBINAR

Ms. Ann Christiana AP/English, attended a national webinar on Pop Culture in Literature: Unlocking the Secrets of Life, organised by the English Department, Annai Veilankanni's College for Women.

JUN 5th

## WEBINAR

A webinar was organised by the Rotaract club of LICET on Remedies for Covid-19. Dr. Anushya Devi Navaneethan, a covid, on-duty doctor at Dr. Rela Institute and Medical Science was the presiding Guest Speaker.

JUN 7th

## GUEST LECTURE

Ashik Sharon M of first CSE participated in the online certificate programme on Big Data Management and Analytics, organized by Institute of Management Studies, Ghaziabad in collaboration with IBM.

JUN 7th

## FDP

Ms Prabha B and Ms Bemeshha Smitha H AP/IT, attended one day national level faculty development programme on Professional Guidance on Writing Research Articles and Applying for Funded Projects organized by Sarah Tucker College, Tirunelveli.

JUN 8th

## WEBINAR

Anthea A M B of III IT, attended a webinar on R Programming organized by C Abdul Hakeem College of Engineering and Technology in association with Pantech E Learning.

JUN 10th

## MINI PROJECT EXPO

The Department of Information Technology organized an online Mini Project Expo & had the honour of Ms. Suzanna Benedict, Associate Business Analyst (Assoc.BA) CNSI Pvt. Ltd and Mr. Honest Raj J. Software Engineer, Banking Fis Global Solutions Pvt Ltd, as the judges for the event.



# #Academic Events

JUN 10th

## WEBINAR

Princy Joshna Mary of II IT, attended a webinar on Advanced IoT and Embedded System organized by Institute of Road and Transport Technology, in association with Pantech E Learning.

JUN 10th

## PROJECT COMPETITION

Ms A Jeevitha, AP/CSE, completed Transacting on the Blockchain, an online non-credit course authorized by INSTEAD and offered through Coursera.

JUN 10th

## WEBINAR

Ms R Sathiapriya, AP/CSE, participated in a webinar on Start-Up Funding - A Test by Fire, organised by the Loyola Institutions Innovation Council (LIIC), Loyola College, Chennai.

JUN 11th

## CRASH COURSE

The Department of Information Technology organized Crash Course on Python with Exclusive hands-on experience for Higher Secondary students from 7th to 11th June 2021

JUN 11th

## FDP

Dr Janani A Asso., Prof./IT, attended a five day FDP on Innovation Incubation Startup and Research Challenges in India ,organized by Internal Quality Assurance Cell Idhaya Engineering College.

JUN 11th

## ONLINE COURSE

Princy Joshna Mary of II IT, successfully completed Machine Learning Master Class at Pantech Prolabs India Pvt Ltd conducted from 7th to 11th June 2021.

# #Academic Events

JUN 11th

## WEBINAR

Ms V J Sharmila, AP and Ms A Jeevitha, AP/CSE, have participated in the virtual webinar on Machine Learning with MATLAB, organised by the Department of Computer Science and Engineering, Noorul Islam Centre for Higher Education, Kumaracoil in collaboration with DesignTech Systems vt.Ltd., Hyderabad.

JUN 12th

## ONLINE COURSE

Krithika N of II IT, successfully completed an online course on AWS Academy Cloud Architecting course & was awarded the badge AWS Academy Graduate.

JUN 12th

## SUMMER CAMP-LSSS

Ms. Nilavu AP/English, Mr. Mario Cassion Anand AP/English, Ms. Josephine AP/Mathematics, Ms. Shenbaga Devi AP/Mathematics, Dr. Mike Dison AP /Mathematics were the trainers in Loyola Online Summer Camp, organised by Loyola Students Support Service.

JUN 13th

## EVENT PARTICIPATION

Elizabeth Subhiksha Victoria of II IT, participated in non-technical events and won the second place in Oru Kadha Sollata Sir, third place in Decode De Veganza, also in the technical event Quadkona and won the second place, in Festx conducted by LICET PATTARAI on 12th and 13th June 2021

JUN 13th

## ONLINE COURSE

Aravind M of IIT, successfully completed Cryptography and Information Theory, an online non-credit course authorized by University of Colorado System and offered through Coursera.

JUN 14th

## EVENT

Electra Fest, an event for the school students was organised by the Department of Electrical and Electronics Engineering. Students from various schools participated in the event.

# #Academic Events

JUN 14th

## HACKIT 2021

The Department of Information Technology organized an online project idea - HackIT 2021 for Higher Secondary students. Students from various schools participated in the event.

JUN 14th

## WEBINAR

Princy Joshna Mary of II IT, attended a webinar on Role of ML in Data Science, organized by H K E Society's S L N College of Engineering, in association with Pantech E Learning.

JUN 15th

## ONLINE COURSE

Pavithra P of II IT, completed an online course on AWS Academy Cloud Architecting course & was awarded the badge AWS Academy Graduate.

JUN 15th

## WEBINAR

Princy Joshna Mary of II IT, attended webinars on Brain Wave Controlling in Robotics organized by PET Engineering College, in association with Pantech E Learning & 5G Wireless Communication, organized by Kumaraguru College of Technology, in association with Pantech E Learning.

JUN 16th

## WEBINAR

Princy Joshna Mary of II IT, attended a webinar on Python Programming and its Application, organized by Balaji Institute of Technology and Science, in association with Pantech E Learning.

JUN 17th

## FDP

Dr.E.Madhavan Pillai, Prof/Mech attended a one day FDP on Smart Manufacturing, Connected Factories, organized by Institution of Engineers India (Telengana State Centre) and Chaitanya Bharathi Institute of Technology, Hyderabad.

# #Academic Events

JUN 17th

## ONLINE COURSE

Sharwin Xavier and Sherin Sneha of II IT, successfully completed an online course on Software Engineering Virtual Experience through Forage.

JUN 18th

## STEM IDEATHON 1.0

The Department of ECE conducted Stem Ideathon 1.0, an exclusive event for class XII students. 95 students from 56 schools across India participated in the event.

JUN 19th

## IDEATHON

An Ideathon was organised by the Department of Mechanical Engineering exclusively for higher secondary and diploma students.

JUN 19th

## FDTP

Ms Shobana G AP/IT, attended a six day FDTP on Cryptography and Network Security from 14th to 19th June '21.

JUN 19th

## CONTEST

Department of Computer Science and Engineering organized an online Art Contest Picasso on a PC for 11th and 12th students with the main objective to improve the digital presence and visibility of LICET in social platforms and to help the students make use of technology in a productive way.

JUN 20th

## ONLINE COURSE

Krithika N of II IT, successfully completed an online course on Software Engineering Virtual Experience through Forage

# #Academic Events

JUN 20th

## ONLINE COURSE

Preethi R of IIIT, successfully completed an online course on AWS Academy Cloud Architecting course & was awarded the badge AWS Academy Graduate.

JUN 21st

## ONLINE COMPETITION

Shreya Sajid of third CSE worked on training and building autonomous race-cars using Reinforcement Learning. After a set of rigorous regional and national rounds, she has advanced to the National Live Grande Finale and was shortlisted as the top 15 out of 17,000+ participants across the country. She has also published an article in LinkedIn on Women in Technology, stating her achievement.

JUN 21st

## FDP

Mr Chandrasekhar AP/Mech participated in a five day ATAL FDP on Human Factors in Software Design, organised by IIITDM from 21st to 26th June 2021.

JUN 21st

## WEBINAR

Webinar on Space Exploration was organised by ARME student members for School students to walk through the rudimentary and intriguing concepts of Space Exploration.

JUN 21st

## WORKSHOP

The Department of Computer Science and Engineering organized a hands-on workshop on Google ML kit with Android Studio for the third year students and the resource person was Dr Bright Gee Varghese, AP, Karunya Institute of Technology and Sciences, an expert in App Development and an oracle certified professional. The experiential learning enabled students to build a Camera Application which could take and record the details of objects covered in the picture.

JUN 22nd

## FDP

Ms Prabha B AP/IT, attended a two day FDP on Advances in Photonics and Fiber Optics Technologies, organized by IETE Chennai Centre & IEEE Photonics Society, Madras Chapter on 21st & 22nd June 2021.

# #Academic Events

JUN 22nd

## ONLINE COURSE

Mr Marshal Mano AP/IT, successfully completed an online course Complete Python Bootcamp from Zero to Hero in Python through Udemy.

JUN 22nd

## ONLINE COURSE

Pavithra P of IIIT, successfully completed an online course on AWS Academy Cloud Architecting course & was awarded the badge AWS Academy Graduate.

JUN 23rd

## ARTICLE PUBLICATION

Mr G.K. Sathishkumar has submitted a paper titled Experimental and Finite Element Analysis of Lignite Fly Ash on the Mechanical Properties of Sisal-added Polymer Matrix Composite using ANSYS Workbench, which is published in Journal of Natural Fibers (A group of Taylor and Francis Ltd publication) that has an impact factor of 5.323.

JUN 23rd

## FDP

Ms Prabha B AP/IT, attended a three-day FDP on Citation Styles and Reference Lists, organized by SSIM, Secunderabad and Mendeley from 21st to 23rd June 2021.

JUN 23rd

## CERTIFICATION

Ms Prabha B AP/IT, successfully completed a Mendeley Training Course with a Certified Mendeley Advisor.

JUN 23rd

## ONLINE COURSE

Mr Marshal Mano AP/IT, successfully completed an online course on Introduction to Javascript Development, through Udemy.

# #Academic Events

JUN 23rd

**ONLINE COURSE**

Krithika N of II IT, successfully completed an online course on Engineering Virtual Program through Goldman Sachs.

JUN 23rd

**WEBINAR**

Ms. Ann Christiana AP/English, attended a webinar on An Insight into National Educational Policy 2020, organised by Mar Baselios Institute of Technology & Science, Kerala.

JUN 24th

**HONOUR**

Ms Shobana G AP/IT, selected as an Evaluator for the Toyathon 2021, Grand Finale, organized by Ministry of Education Innovation Cell.

JUN 24th

**ONLINE COURSE**

Jennifer Lesly S of III IT, successfully completed COVID-19 Contact Tracing, an online non-credit course authorized by Johns Hopkins University and offered through Coursera.

JUN 24th

**ONLINE COURSE**

Krithika N of II IT, successfully completed an online course on Developer Program through Forage by Accenture.

JUN 24th

**ONLINE COURSE**

Joicy A of IIT, successfully completed Introduction to Web Development, an online non-credit course authorized by University of California, Davis and offered through Coursera.

JUN 24th

**WEBINAR**

Dr. Mary Jacqueline, Asso. Prof/ S&H, attended a webinar on Nano Materials for Energy Generation and Smart Storage, organised by Miraj Mahavidyalaya Miraj.

# #Academic Events

JUN 25th

## FDP

Ms.S.Sathya Bharathy, AP/EEE attended an online FDP on Robotic Process Automation organised by ICT Academy from 21st to 25th June 2021.

JUN 25th

## ONLINE COURSE

Anthea A M B of III IT, successfully completed TCS iON Career Edge - Young Professional Course organized by TATA Consultancy Service.

JUN 26th

## ALUMNI INTERACTION

The Department of Mechanical Engineering organised Alumni Interaction with school students on the topic Life of Mechanical Engineer. Mr. Kraveenthar, Mr. Arulios, Mr. Theliban and Ms. Edith Gracia interacted with the students.

JUN 27th

## INTERNSHIP

Seven students from the Department of Mechanical Engineering did their 4 week internship on Digital Manufacturing , Industry 4.0 and Disruptive Technologies from 28th May to 26th June 2021.

JUN 27th

## ONLINE COURSE

Joyce Mariya S.J of IIT, successfully completed Cyber Threats and Attack Vectors, an online non-credit course authorized by University of Colorado System and offered through Coursera.

JUN 30th

## FDP

Ms.A.R.Danila Shirly, AP/EEE attended an online FDP on Digital Tools in Teaching, organised by School of Social Sciences and Languages, VIT Chennai on 30th June 2021.

JUN 30th

## FDP

Ms V J Sharmila, AP/CSE, participated in the Faculty Development Programme on Digital Tools in Teaching, organized by School of Social Sciences and Languages(SSL),Vellore Institute of Technology, Chennai.



# PLACEMENT NEWS

**LICETians' Placement Offers, Internships, Company Trainings of May & June 2021.**

**Also, Mock Interviews and GDs hosted by the faculty.**

#PlacementBytes

# #PlacementNews

MAY 1st

## PLACEMENT DRIVE

Kaar Technologies organized a virtual interview for the batch 2018-2022. 4 from CSE, 14 from ECE, 19 from EEE and 5 from IT attended the interview.

MAY 2nd

## PLACEMENT OFFER

Arvind Raj, Class of 2021 from Mechanical Department got placed through ISHRAE.

MAY 3rd

## PLACEMENT OFFER

Subha Sree, Class of 2021 from IT Department got placed in Visualbi.

MAY 7th

## PLACEMENT OFFER

Michael Class of 2021 from Mechanical Department got an Internship offer in Unschool.

MAY 8th

## PLACEMENT DRIVE

Naukri organized a virtual interview for the batch 2018-2022. Totally 296 students took the test from across the departments.

MAY 8th

## CAREER-A-THON

Mr. S ManimohanTrinath, GATE/ESE Trainer from ACE Engg. Academy detailed on the topic, Opportunities after BE/B.Tech, for the second and third year students to get an awareness on IES examination.

MAY 27th

## MOCK GD

A mock group discussion was organized for the students eligible for the next round in Kaar Tech. Mr Vimal, Class of 2015, HR in Cholamandalam Investment and Finance, conducted the GD.

# #PlacementNews

MAY 27th

## PLACEMENT OFFER

Darren Francis, Class of 2021 from the Mechanical Department, got Placed in Illumine.

MAY 29th

## MOCK GD

Second mock group discussion was organized for the students, eligible for the next round in Kaar Tech. Mr Spikenard Felix Deepak, Asst. Manager, Pre sales consulting Photon Interactive, Class of 2014, conducted the GD.

JUN 1st

## MOCK INTERVIEW

A mock Interview was organized for the students, eliglble for the next round in HCL. Mr Joish Bosco, Class of 2018, interviewed the students.

JUN 2nd

## MOCK GD

A second mock group discussion was organized for the eligible students for the next round in Kaar Tech. Mr.Spikenard Felix Deepak, Asst. Manager, Pre sales consulting Photon Interactive, Class of 2014, conducted the GD.

JUN 4th

## PLACEMENT DRIVE

Calyx Pod organized a virtual interview for the batch 2018-2022. 214 students took the test.

JUN 5th

## PLACEMENT DRIVE

CDK organized a virtual interview for the batch 2018-2022. 214 students took the test.

JUN 6th

## PLACEMENT OFFER

Wilma from EEE, Class of 2020 got placed in Infosys.

# #PlacementNews

JUN 13th

## PLACEMENT OFFER

Devi Sowmya, Class of 2021 from the Department of ECE got placed in Expleo.

JUN 13th

## PLACEMENT OFFER

Divona and Jovitha, Class of 2021, from the Department of EEE got placed in Mont Bleu.

JUN 21st

## PLACEMENT OFFER

Adarshan, Arun Kumar, Megarajan & Selvan from CSE, Hariram from EEE and Sharmila Deve from ECE, got placed in HCL.

JUN 22nd

## INDUCTION PROGRAMME

Two students, Deepika lebaku and Ancila from ECE Department - Class of 2021 got placed in FYI.

JUN 23rd

## PLACEMENT DRIVE

Valued Epistemics organized a virtual interview for the batch 2017-2021. 38 students attended the test - 10 from ECE, 3 from EEE, 5 from CSE, 1 from IT and 19 from Mech.

JUN 25th

## PLACEMENT OFFER

One student from CSE Department - Sherin, Class of 2021 got placed in Infosys.

JUN 28th

## PLACEMENT OFFER

6 students from class of 2022 got placed in KAAR Technologies. They are Ajay Narayan from IT, Bharath Raam R from ECE, George Geoffrick G & Joshua from CSE and Punitharaj S & Vaishnav from Mechanical.

# Get in Touch



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