

Lakshmi Narain College of Technology & Science

Department of Computer Science Engineering

“NEWSLETTER 2K22”

“NEWS BULLETIN JANUARY”

Speech and Extempore competition- NATIONAL GIRL CHILD DAY

A world without girl is as impossible as a world without water. The world could come to a standstill without the existence of girl child. Therefore, every year, National Girl Child Day is celebrated on January 24 2022, to raise awareness to promote the rights, education, health, and nutrition of the girl child across the country. The day was initiated by the Ministry of Women and child development, providing support and opportunity for girls in India.

In this regard, CSE – LNCTS has organized, Speech and Extempore competition on “NATIONAL GIRL CHILD DAY” on 24 January 2022,

IOT DESIGN WORKSHOP- Hands-on session on IOT using Arduino

Internet of Things is a recent technology that creates a global network of machines and devices that are capable of communicating and exchanging data with each other through the Internet. There is a difference between the Internet of Things and the Internet. Internet of Things can create information about the connected objects, analyze it, and make decisions; in other words, one can tell that the Internet of Things is smarter than the Internet. Security cameras, sensors, vehicles, buildings, and software are examples of things that can exchange data among each other.

In this regard, under the flagship of IIC LNCTS, CSE LNCTS has organized 2 days practical workshop on “IOT Design” on, hands-on session was delivered by team, INDEYE ORG.

In this workshop students learned to program Arduino to read sensors and send data over communication modules to the cloud. Participants were also introduced to the basics of hardware design and troubleshooting skills using an oscilloscope that are required for this project. At the end of the day students were able to control the real loads [bulb, Fan etc] remotely, automate it and perform an analysis of the live streamed data with a real world scenario. Participants have worked in a group of four which teaches the importance of co-ordination between hardware and software teams and leadership skills.

NATIONAL YOUTH DAY - Poster Making Competition

Since 1985, India celebrates National Youth Day on January 12 every year. This day is celebrated on the birthday of the social reformer, philosopher and great thinker Vivekananda birth anniversary. In 1984, it was declared by the Government of India that 12th January will be observed as National Youth Day.

In this regard LNCTS CSE celebrated this day on 12 January 2022 to imbibe the students and youth with the philosophy and ideals of the Vivekananda, who brought a change in the thought process of the youth.

Book publication - INTERNET OF THINGS WITH APPLICATION

Prof. Bhawna Pillai - CSE LNCTS has authored a book on “INTERNET OF THINGS WITH APPLICATION” in the month of January 2022.

This book is available on online platforms such as Amazon & flipkart. Book was published with an international publishing house - Lambert publication.

“NEWS BULLETIN FEBRUARY”

Seminar - Pitching Event for ideas scouted & Linkage with Innovation Ambassador for Membership Support

IIC - LNCTS along with LNCTS – CSE Bhopal has organized a seminar on "Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support" It is an IIC Calendar Activities for Academic Year 2021-22. Under the flagship of IIC LNCTS, CSE dept. has organized a seminar on “Pitching Event for ideas scouted & Linkage with Innovation Ambassador for Membership Support” on 08 Feb 2022. Professor (Dr.) Amitbodh Upadhyay, President IIC- LNCTS made an introductory remark saying “Innovation is very important for the betterment of society” Speakers have also explained the difference between Invention and Innovation. They have also spoke on steps of how an idea can be taken towards implementation. They have also explained on Pitching, Effective Pitching and time when Pitch. The questions posed by Participants were answered by the speakers.

Student Coordinator Mr. Dhruv Sabu, First Year proposed the vote of thanks.

Under the Supervision of : Professor (Dr.) Amitbodh Upadhyay , President IIC- LNCTS , Dr. Bhupesh Gaur , Vice President – IIC & HOD – LNCTS CSE , Dr. Soheb Munir, HOD- EC, LNCTS&S, Bhopal , Prof. Bhawna Pillai , Convener & Innovation Ambassador, MoE's, Innovation Cell (LNCTS) , Mr. Nikesh Tiwari, Innovation Ambassador, MoE's, Innovation Cell (LNCTS) , Ms. Khushbu Rai, Innovation Ambassador, MoE's, Innovation Cell

Workshop - Entrepreneurship Skill, Attitude & Behavior Development

This workshop aimed to spark the entrepreneurial spirit in the budding innovators by guiding them on how to convert their Innovative Ideas and emerge as successful Entrepreneurs. Becoming an entrepreneur is an important career decision, and to plunge into this domain requires the right skill set, attitude, and behaviour. Department of Computer Science Engineering in association with Institute's Innovation Council of LNCTS&S organized an Online workshop on "Entrepreneurship Skill, Attitude & Behavior Development" on 26/02/2022 (12:30 PM - 01:45 PM) at the Zoom Platform . The guest speaker of the event was Professor (Dr.) Ajit Upadhyay , Director - , Prestige Institute of Management , Dewas , MP . He is an educator, a trainer, a resource faculty, a motivator, is a highly motivated professional with experience in Learning and development, Process building with training small and large groups across diverse industries, academic institutions & training centers. Proven success in leveraging educational theories and methodologies to design, develop, and deliver successful training programs and integrate instructional technology to provide onsite and virtual training.

The workshop was concluded with a Q&A session. Mrs. Bhawna Pillai – Deputy HOD – LNCTS CSE, introduced the resource person, Dr. Bhupesh Gaur – HOD – LNCTS CSE, He welcomed Dr. Ajit Upadhyay & Dr. Amitbodh Upadhyay – OSD LNCTS

- 1 Empathy is instilled through entrepreneurial ideals and related "ways of thinking, doing, feeling, seeing, communicating, organizing, and learning things."
- 2 Development of strategic thinking and scenario planning skills, as well as the ability to make intuitive decisions based on little knowledge.
- 3 Stimulating a variety of entrepreneurial behaviors such as seeking for and seizing opportunities, networking, taking initiative, convincing others, and making intuitive decisions. This necessitates a diverse set of pedagogical tools.

Seminar - Achieving Problem-Solution Fit & Product-Market Fit

IIC - LNCTS&S, LNCT GROUP along with LNCTS CSE, has organized a seminar on "Achieving Problem-Solution Fit & Product-Market Fit", Speaker for the session was Dr. Ashok Sharma , MS (Computer Science), Ph.D. (Machine Learning and Cloud Computing), Professor in Department of Computer Science and IT, Bhaderwah Campus, University of Jammu, Jammu. Dated: 17-2-22, Time: 11:00 AM Onwards, Mode: Online

Webinar- Intellectual Property Rights (IPR)

Webinar On “Intellectual Property Rights (IPR)” is organized by: IIC - LNCTS&S along with LNCTS CSE, on 18th February 2022 from 11: 00 AM through Zoom platform.

The objective of the webinar is to aware of Intellectual Property Rights for faculties, students and the research community.

Webinar is focused on patent, design patent, copyright, trademark, trade secret, the commercialization of patents, and IP laws applicable in India.

Speaker for the webinar was Shri MD ATIQUILLAH, Assistant Controller of Patents & Designs IPO Delhi , Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry GOI .

“NEWS BULLETIN MARCH”

WORKSHOP - iBY iot board

The workshop on "Demonstration of iBY iot board & How to use iBY to design iot based projects" was held at auditorium of LNCTS&S, Bhopal, MP, on 12th March 2022. Program jointly organized by CSE - LNCTS&S & IIC- LNCTS.

Mr. Abhigyanam Giri was an industry expert and shared his insights, real life scenarios, practical use cases and their solutions on Internet of Things and hands on development using various IoT kits.

The total 160 participants have participated in this workshop. The participants were from IV Semester, students of Computer Science and Engineering Department, AIML & Cyber Security.

The workshop commenced with speech by Dr. Amitbodh Upadhyay (OSD- LNCTS&S and President of IIC, LNCTS), Dr. Ashish Khare welcomed the Expert and participant and explained the objectives and importance of the workshop.

This workshop coordinated by: Dr. Ashish Khare , Prof. Bhawana Pillai , Prof. Nikesh Tiwari , Ms. Kushbu Rai.

“NEWS BULLETIN APRIL”

EXPERT LECTURE DESCRIPTIVE DATA ANALYTICS WITH CLUSTERING

An Expert Lecture on the topic “Descriptive Data Analytics With Clustering” was organized by Department of Computer Science and Engineering LNCTS for B.Tech 4th Semester Students. The lecture was delivered by Dr. Vivek Tiwari, Professor In-charge DSAI at DPSM IIIT-Naya Raipur, C.G., India. The lecture included much knowledge about Data Analytics specifically about Descriptive Data Analytics. It all started with the types of Data Analytics being Descriptive, Predictive and Prescriptive one. Then the various types of Machine Learnings like supervised and unsupervised, various machine learning methods, clustering – its objective function, intra cluster distance and inter cluster distance, applications of clustering, clustering process, clustering process stopping criteria and how to use distance to assign and update clusters using Euclidean distance.

After the lecture, the expert answered a few questions asked by the students. Then, OSD Sir said a few words regarding the session and in the end gifted a little sapling as a memento to our expert Dr. Vivek Tiwari. Overall, the event was a great success.

WORKSHOP CYBER SECURITY INNOVATIVE IDEAS INFOTECH

A 2 - Day Cyber Security Workshop was organized by Department of Computer Science and Engineering LNCTS & IIC Cell for B.Tech 2nd Year Students. The workshop was conducted by the NGO Innovative Ideas Infotech.

Innovative Ideas Infotech Society is an NGO working to make people aware of cyber crimes. Their mission is “Excellence Through Innovation”. It is the largest NGO of the country working on cyber security. Mr. Rahul Mishra from Innovative Ideas Infotech were the speaker for the 2 - day workshop. On the 1st day of the workshop the students were told about various Cyber crimes happening in the country like ATM frauds, credit card - debit card frauds, internet banking frauds, online payment frauds, how these crimes are committed, what are the reasons for happening of such crimes, how can one be safe from such cyber crimes. For the second day of the workshop the students had to register themselves by paying a fee of Rupees 800.

On the 2nd day of the workshop the registered students were explained the below listed topics: -Windows security and hacking, -How to create & change passwords on system & where passwords are saved, -Back door creation or StickyKey Attack, -Steganography –The Art of hiding Contents, -Googling or Google hacking, -Data recovery, -Instagram hacking, -How to track a lost phone, -Website hacking and security, -Smartphone hacking and security

All the registered students, faculty coordinators and student coordinators were awarded their certificates. Mr. Rahul Mishra were thanked by presenting them a memento. Overall, the workshop was a huge success.

Under the supervision of : IIC Members – IIC President Dr. Amitbodh Upadhyay (OSD LNCTS), IIC Vice President Dr. Bhupesh Gaur (HOD CSE Dept. LNCTS) & IIC Convener Prof. Bhawana Pillai Faculty Coordinators – Prof Nikesh Tiwari, Prof Khushbu Rai, Faculty Attendees– Prof Shoaib Munir, Prof Khushboo Rai,, Student Coordinators – Kanak Phulwani, Sahil Saxena, Naveen Pawar, Syed Kaif, Sumit Rao, Kherkar, Sankalp Shrivastava and Shubham Singh

“NEWS BULLETIN MAY”

“NEWS BULLETIN DECEMBER”

Lakshmi Narain College of Technology & Science (LNCTS&S) - Institute Innovation Council (IIC) has organized a Quiz Competition on the occasion of national Technology Day

FAREWELL PARTY

Lakshmi Narain College of Technology & Science (LNCTS&S) has organized a farewell party for the batch of 2022 , approx 150 students of final year have attended the function. Juniors of 6 semesters have performed with dance, singing and ganesh vandana.

