



## **ISTE LNCT Annual Report 2023**

### **Introduction**

The Indian Society for Technical Education (ISTE) is a professional body for engineers and technologists in India. It was founded in 1952 with the objective of promoting technical education and research in India. The ISTE LNCT chapter was established in the year of 2022 has been actively involved in promoting technical education and research in the campus.

### **Objectives**

The objectives of the ISTE LNCT chapter are:

- To promote technical education and research in the region.
- To provide a platform for engineers and technologists to share their knowledge and experiences.
- To organize technical events and workshops for the benefit of students and professionals.
- To collaborate with other organizations to promote technical education and research.

### **Team**

**Faculty Coordinator:** Dr. Prof Prashant Chaturvedi

**Secretary:** Shouryam Kumar

**Members:** Shreya Bohare,

## Activities

The ISTE LNCT chapter has been actively involved in a number of activities in the past year. These include:

- Distributing membership cards to every student in the college so that they could avail the benefits.
- Conducting many educational and informative events.
- Collaborating with various departments of the college such as Department of Electronics and Communication Engineering to bring up various useful sessions and workshops for the students.

## Events

The ISTE LNCT chapter has conducted a number of educational and informative events in the past year. These include:

- Introduction to UI/UX: This event was conducted to introduce students to the basics of user interface and user experience design. The event was a huge success and received a lot of positive feedback from the students.
- Programming frontend with React: This event was conducted to teach students about the React framework for frontend development. The event was well-received by the students and they learned a lot about React.

## Collaborations

The ISTE LNCT chapter has collaborated with various college departments such as the Department of Electronics and Communication Engineering to bring up various useful sessions and workshops for the students. These collaborations have been very successful and have helped the students to learn a lot about various technical topics.

## Feedback

The students have given a very positive feedback about the ISTE LNCT chapter and the work done by the team. They have appreciated the efforts of the chapter in promoting technical education and research in the region. They have also expressed their interest in participating in more events and workshops organized by the chapter in the future.

## Conclusion

The ISTE LNCT chapter has been very active in the past year and has made significant contributions to promoting technical education and research in the region. The chapter is committed to continuing its efforts in the future and to make a positive impact on the lives of students and professionals.

### **Acknowledgment**

The ISTE LNCT chapter would like to thank all the members of the team for their hard work and dedication. The chapter would also like to thank the management of LNCT for their support and encouragement.

## **First Events**

With an idea to provide quality training programs along with updated knowledge and skills to contribute to the production and development of top-quality professional engineers and technicians needed by the industry and other organizations we inaugurated The Indian Society for Technical Education (ISTE) chapter in our college Lakshmi Narain College of Technology under the guidance of our ISTE chairperson Mr. Anoop Chaturvedi sir along with the regular assistance of Prof. Prashant Chaturvedi, we invited Ms. Awantika Nigam, current Google DSC lead at LNCT, and DevRel at Crypto Capable as our first speaker who took an interactive session on UI/UX along with the use of Figma. She introduced everyone to a session that enlightened everyone on what UX designer roles are all about. This position focuses on people's interactions with products like websites, mobile apps, and physical objects. They make those everyday interactions usable, enjoyable, and accessible. It needs an ability to empathize with users, define their pain points, develop ideas for design solutions, create wireframes, prototypes, mock-ups, and test designs to get feedback. She also elaborated on the importance of consumers and businesses as she discussed facts about zero percent of online businesses that fail to do so because of bad usability. On average, users open their phones every 5.6 minutes during the day. According to mobile UX statistics, 85% of adults think a business's mobile website should be as good as or better than its desktop equivalent. Students Understood foundational concepts in UX design, such as user-centered design, the design process, accessibility, and equity-focused design. Identify the factors that contribute to great user experience design. - Review common job responsibilities of entry-level UX designers and teams that they work with. Thus, they Explore job opportunities and career paths within the field of user experience. They also learned the difference between the user interface and user experience which was the user interface (UI) is the point of human-computer interaction and communication in a device. This can include display screens, a keyboard, a mouse, and the appearance of a desktop. It is also the way through which a user interacts with an application or a website she creatively introduced the example of the famous site Amazon to make her point clearer and concrete. In addition, students also got to know about how they can effectively approach a problem and find effective solutions to them. Miss Nigam also discussed the design thinking process diagram, which includes five steps: empathize, define, ideate,

prototype, test, and assess. At last, we had a hands-on Figma session which allowed students to implement all the newly gained ideas and learning's as our instructor guided them.

After having an intriguing session with Miss Nigam, she gave a message for the young students to explore this amazing field which requires creativity as well as empathy to form designs that can solve problems faced by people's perspectives. They need to start developing their designs that should be dynamic enough to fulfill the needs of people in the future!



## **Workshop on**

## **Design Act - > Deep Dive with UI/UX**

**Awantika Nigam**

DevRel @ CryptoCapable , Google DSC Lead,  
Women in Product'21 Scholar,  
Frontend Facilitator @ WWCode San Francisco



Thursday  
24/02/2022  
3.30 p.m - 5.00 p.m

**Venue:**  
**Vikram Sarabhai Seminar Hall,**

**Organised by**  
**ISTE CHAPTER LNCT**  
**LNCT GROUP OF COLLEGES**



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## **Second Events**

With beautiful lines of Guru Gobind Singh Ji telling people why to call her inferior? From her the kings are born we began the celebration of international women's day with the motive to honor women of all ages and races in a world welcoming them to a world where they can live freely and up to their terms rising to their full potential and taking steps to ensure they have means, choice and freedom to speak and do whatever they want. We were glad to announce that this event is being organized under ISTE along with collaboration with the department of EC. Indian Society for Technical Education (ISTE) is a leading non-profit making society intended to provide quality training programs along with updated knowledge and skills to contribute to the production and development of top-quality professional engineers and technicians needed by the industry. We were obliged to welcome Dr. Lila Simon ma'am, professor in charge of research cell in Bhopal school of social sciences. With the experience of over 3 decades as our speaker. She was welcomed by the director of administration Dr. Ashok Kumar Rai Sir who in turn was welcomed by Dr. Soni Changlani ma'am, HOD of Electrical and communication engineering. Dr. Simon addressed the crowd of all students with full enthusiasm and told them about the importance of women's day. Her session included the importance of family and kind gestures which keep us connected to the roots of our Indian culture and tradition. She emphasized the lessons we all learned in form of covid that is appreciating the efforts made by our mother and honouring them on daily basis. She also shared the necessity of time management along with the tips and tricks which students can follow in their everyday life to improve their efficiency in their everyday life. She also introduced students to the concept of SMART goals which varies accordingly from person to person. Her words were motivating and inspiring to all and encouraged students to try and understand the very essence of international women's day. After having an intriguing session with Dr. Simon, she gave a message for the young students to explore possibilities as they work hard on their goals and respect women making the world a better place to live in.








**LNCT GROUP OF COLLEGES**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**  
 IN ASSOCIATION WITH  
**ISTE CHAPTER LNCT**



**ON THE OCCASION OF INTERNATIONAL WOMEN'S DAY**  
**SEMINAR ON**  
**“WORK BALANCE FOR WOMEN”**

 **08<sup>TH</sup> MAR 2022**
 **03:30 PM - 05:00 PM**

**Venue**  
 Vikram Sarabhai Seminar Hall

**Organizer**  
 Dr. G kumar  
 Prof. Prashant Chaturvedi

**Co-Ordinators (HOD EC)**  
 Dr. Soni Changlani  
 Dr. Soheb Munir



**Moderator**  
**PROF (DR). LILA SIMON**  
 BSSS, Bhopal










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Department of Electronics and Communication organized on the occasion of international women's day a Seminar on Work Balance for women



Department of Electronics and Communication organized on the occasion of international women's day a Seminar on Work Balance for women

## **Third Events**

We were glad to announce that this event is being organized under ISTE Chapter in collaboration with the department of EC. Indian Society for Technical Education (ISTE) is a leading non-profit making society intended to provide quality training programs along with updated knowledge and skills to contribute to the production and development of top-quality professional engineers and technicians needed by the industry. We were glad to welcome Mr. Aryan Bhardwaj sir on behalf of ISTE members. He is a backened developer,Development lead at Google Developer Students Club LNCT, was welcomed by Dr. Soni Changlani ma'am, HOD, Electronics and communication engineering. Sir addressed the crowd of EC Department students with full enthusiasm and guided them about the importance of javascript and how to get placed in good companies. His session includes information about javascript he explained how to do coding in java script. Further he also shared his experience on necessity of time management along with the tips and tricks which students can follow in their everyday life to improve their efficiency. After having the session with Aryan sir we had an interactive Q&A where he answered the question related to the java script and placement. It was an Interactive session that everyone loved . Ended with a note to work hard as much as possible towards the goal which you want.

**LNCT GROUP OF COLLEGES**  
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**SEMINAR ON**  
**"INTRODUCTION TO**  
**JAVASCRIPT"**



**31<sup>ST</sup> MAR**  
**2022**



**3.30 PM -**  
**5.00 PM**

**Venue:**

**Vikram Sarabhai Seminar Hall**

**Organizer:**

**Prof. Prashant Chaturvedi**

**Co-ordinators:**

**Dr. Soni Changlani , HoD EC LNCT**

**Dr. Soheb Munir, HoD EC LNCT&S**



Speaker

**ARYAN BHARDWAJ**

Backend Developer | Development lead at  
Google Developer Students Club LNCT





## **Fourth Events**

This event was organized under ISTE along with collaboration with the department of EC. Indian Society for Technical Education (ISTE) is a leading non-profit making society intended to provide quality training programs along with updated knowledge and skills to contribute to the production and development of top-quality professional engineers and technicians needed by the industry.

We were glad to welcome Ayush Raj sir and Adarsh Kumar sir on behalf of ISTE members and L.N.C.T. group. Ayush Raj sir is a software Consulting Engineer in Cisco Systems, Inc. He was welcomed by the Dr. M ZahidAlam Sir, Prof. of Electronics and Communication department. Sir addressed the crowd of EC and CS departments with full enthusiasm and shared the interview, preparation and selection process of Cisco System, Inc. After sharing his wonderful journey Adarsh sir was welcomed on stage.

Adarsh sir is currently a Cloud Technical Solutions Engineer at Google, Inc. He explained the pathway to get placed into a company like Google. The session included detailed information about the selection process and how students can prepare for each round of the process, he told students about the subjects from which most of the questions are asked in each round. He shared some questions that were asked in the two technical rounds during his interview. He then shared information about the non-tech round that gave students an insight of the whole interview process. He also shared the mistakes that he made during the interview and how those mistakes can be avoided. He then spoke about the importance of time management, what resources students should follow for their preparation, Specific advice for first, second- and third-year students. Sir also gave advice on how to make a good resume, what kind of projects one should include in the resume and how to match resume with job description to increase the chance of getting the resume selected. He then shared his advice on how to

handle pressure and keep calm before the interview. After the session, he also answered questions that students asked related to internships, projects, scope in different fields of technology and his personal opinion on different programming languages, and which programming language are used in different fields of computer science. It was an interactive session that everyone loved and everyone was inspired by his journey.



## LNCT GROUP OF COLLEGES DEPARTMENT OF ELECTRONICS AND COMMUNICATION

 in association with ISTE Chapter LNCT is organising

An Interactive session on  
**Journey to Google**

 **7<sup>th</sup> May  
2022**

 **03:30 PM to  
5:00 PM**

**Venue:** Vikram Sarabhai Seminar Hall

**Organizer**  
Dr. Prashant Chaturvedi EC

**Co ordinators**  
Dr.Soni Changlani HOD EC LNCT  
Dr. Soheb Munir HOD EC LNCTS



**Moderator**  
**ADARSH KUMAR**  
Cloud Technical Solutions Engineer



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