

Lakshmi Narain College of Technology & Science

Computer Science Engineering

"NEWSLETTER 2K23"

"NEWS BULLETIN AUGUST"

Expert Lecture on "Microprocessor and RISC-Processor"

The Department of CSE, LNCT&S, Bhopal with IIC conducted the expert lecture on 16th August 2023 on the Topic "Microprocessor and RISC-Processor". The expert Dr. Tarun Kanade, Senior Technology Analyst at iCreate gave an overview on Microprocessors, RISC-Processors, Microprocessors are the brains of modern computers, and RISC processors are a specific design that prioritizes simplicity and speed. Their streamlined instruction sets and efficient pipeline architectures contribute to faster execution, better performance, and lower power consumption. As technology continues to advance, the world of microprocessors and RISC architectures remains dynamic and exciting. The students of B.Tech V semester delve into the fascinating world of microprocessors and specifically focus on RISC processors. RISC processors, in particular, have played a crucial role in shaping the efficiency and performance of the smartphones, supercomputers etc. The event was coordinated by Dr. Bhawana Pillai, Dr. Suneel Phulra, Dr. Neetesh Kumar Gupta and Dr. Soheb Munir.

An Orientation Program for B.Tech V @ III Semester



The Department of CSE, LNCT&S, Bhopal with IIC cell conducted the Orientation Program. Interaction plays an important role in improved teaching and learning process. With this view, it was planned this year to organize an Orientation Program for III and V Sem students of LNCT&S. Considering the registration deadline for III & V Sem and reporting of first year students, it was scheduled for 16th for III Sem students and 17th August, 2023 for V Sem students. The Departments of CSE, CSE-AIML, CSE-CY and EC have successfully organized this event. The students were keenly informed about the learning needs and opportunities in becoming successful professional. Emphasis was also made on the need of self discipline and maintaining the Institutional disciplinary requirements. The Principal, OSD, HODs and each associated faculty member of LNCT&S had an effective interaction during the program. The program was successful in achieving its objectives.

Expert Talk on "IPR and Engineering Innovations"

Lakshmi Narain College of Technology & Science Bhopal, had organized an expert lecture on Topic 'IPR and Engineering Innovations' by Dr. V. N. Baritaria, Principal LNCT&S. The lecture was conducted at Seminar Hall LNCT&S on 24th August 2023. The purpose of this lecture was to aware the students on Intellectual Property Rights. Dr. V. N. Baritaria discussed the students in an interactive manner. The students of V semester attended the lecture and understood the concepts patent, design patent, copyrights, trade mark.

Session on Accelerators/Incubation-Opportunities

The Department of CSE, CSE-Cyber Security and CSE-AIML LNCT&S, Bhopal with IIC cell conducted a session on Accelerators/Incubation-Opportunities by Dr. Anurag S.D. Rai, Director, Kalchuri LNCT Group Incubation Centre on 25th August 2023. AICTE Ministry of Education. The speaker enlightened the students about the accelerators and incubators which offer valuable pathways for startups and entrepreneurs to accelerate their growth, gain expertise, secure funding, and build a strong foundation for their businesses. Whether through rapid acceleration or gradual incubation, these programs contribute significantly to the innovation ecosystem.

Book Published

The book has been published on "Artificial Intelligence" by Dr. Bhawana Pillai, Prof. Priyanka Nayak, Prof. Vijendra Palash, Prof. Priyanka Parihar.



Artificial Intelligence is a field of computer science that focuses on the development of intelligent machines capable of performing tasks that would typically require human intelligence. Remember that AI is a vast and evolving field, and this is just a brief introduction to some key concepts. There are numerous resources available, including online and in books, that can provide more in-depth knowledge for beginners interested in artificial intelligence.



"NEWS BULLETIN SEPTEMBER"

Locution on "Successful Launch of CHANDRAYAAN-3"

The Department of CSE, CSE-AIML, CSE-Cyber Security, LNCT & S, Bhopal with IIC has conducted the event CHAR,CHA on successful launch of CHANDRAYAAN-3. The event was conducted on 6th September, 2023 Wednesday for the third and fifth semester students of all the branches in two sessions. The former session was conducted for the third semester students and the latter session was conducted for the fifth semester students. Chandrayaan-3 represents an important mission in India's space exploration endeavors, and it's an excellent topic to engage students or participants in learning and public speaking. It was meant to educate students about Chandrayaan-3, inspire interest in space exploration, and encourage public speaking skills. The student participated in this event with great enthusiasm. They researched on the innovative technology of the launch and briefed it in well structured form to their colleagues. The winners of the event were felicitated by the certificates. The event was conducted by the Dr. Ruchi Jain and Prof. Monica Kudopua with the student coordinator Nishant Singh under the supervision of HOD Dr. Bhawana Pillai, Dr. Suneel Phulra, Dr. Nitesh Kumar Gupta. The principal Dr. V.N. Baritaria graced the event with his presence.

Short Video Competition on "Successful Launch of CHANDRAYAAN-3"

The Department of CSE, CSE-Cyber Security, CSE-AIML, ECE LNCT&S, Bhopal with IIC conducted the event "Short Video Presentation" on the launch of CHANDRAYAAN-3. This event was conducted on 7th September 2023 with the intention of enhancing the creativity inherent within the students. The motive was able to engage the students and generate interest in the mission. Space exploration is a topic that captures the imagination of people worldwide, and a well-crafted video can help educate and excite the students about India's space endeavors. Such presentations can inspire young minds to pursue careers in science, engineering, and mathematics (STEM) fields by showcasing the incredible achievements of space exploration and the opportunities it offers. The event was coordinated by the Prof. Shilpa Latyiar, Prof. Shivani Sant, Prof. Vinod Patel and the students under the able supervision of HOD Dr. Bhawana Pillai, Dr. Suneel Phulra, Dr. Nitesh Kumar Gupta.

Prototype Demonstration for Internal Hackathon - 2023

The Department of CSE, CSE-Cyber Security, CSE-AIML, ECE LNCT&S, Bhopal with IIC conducted the Prototype demonstration for Internal Hackathon-2023 as a part of SIH-2023. The event was held on 18th September 2023 with the intention to motivate the students, analyzing the creativity and problem-solving abilities. The students build the prototype with a focus on solving the problem. They used the appropriate technologies and tools, and make their prototype functional and user-friendly. They created the presentation materials to effectively communicate the solution to the judges. They included slides, visuals, diagrams, and video demonstrations. The presentations were very concise and to the point. All the faculties were actively involved in motivating the students and providing suggestions for improving the prototypes during the hackathon.

Cleanliness Paramodharma Swachh Reel Competition 2023

The Department of CSE, CSE-Cyber Security, CSE-AIML, ECE LNCT&S, Bhopal with IIC conducted the Prototype demonstration for Internal Hackathon-2023 as a part of SIH-2023. The event was held on 18th September 2023 with the intention to motivate the students, analyzing the creativity and problem-solving abilities. The students build the prototype with a focus on solving the problem. They used the appropriate technologies and tools, and make their prototype functional and user-friendly. They created the presentation materials to effectively communicate the solution to the judges. They included slides, visuals, diagrams, and video demonstrations. The presentations were very concise and to the point. All the faculties were actively involved in motivating the students and providing suggestions for improving the prototypes during the hackathon.



"NEWS BULLETIN OCTOBER"

Alumni Interaction

Alumni Interaction programme organized by the Department of Computer Science and engineering, CSE-AIML, CSE-Cyber Security. This interaction was held on 14th October 2023 by Mr. Swarnim Swaraj, alumni of 2023 batch. He is a Software Developer and Team Leader in Walkover Ltd company, Indore. He shared his experience with students of 3rd semester and solved the queries of students about internship, programming. He mentored them for the job interview preparation.

Seminar on "Pedal for a Greener Tomorrow"

The cycling club of the Department of Computer Science & Engineering, CSE-AIML, CSE-Cyber Security, conducted an inspiring event, "Pedal for a Greener Tomorrow" on 17th October 2023. The event featured three distinguished guest speakers who shared their insights on how embracing cycling can lead to a more eco-conscious lifestyle. The first speaker, Mr. S.N. Singh, President (Bhopal District Cycling Association), and Secretary (Green Planet Bicycle Rider's Association), discussed the undeniable connection between cycling and a greener planet. He emphasized the significant reduction in carbon emissions and air pollution that comes with choosing a bicycle over a motor vehicle. "Cycling isn't just a mode of transport," Mr. Singh proclaimed, "It's a conscious choice to protect our environment. Following Mr. Singh's impassioned talk, Mr. Narendra Meghwal, Coordinator (Bhopal District Cycling Association), shared his experiences on the joy of buying the correct cycle for oneself is important. He mentioned about the different types of bikes - Mountain bike, Road bike and Hybrid bike. He delved into the positive impact cycling has on physical fitness, mental well-being, and the sense of freedom it offers. The third guest speaker, Mr. Vishal Singh, Secretary (Bhopal District Cycling Association), related the audience with his informative speech. He spoke of how cycling can change a person overall, it reduces anxiety level, provides dopamine and helps in clearing mind. He talked about how a person is ready to spend money on things to upgrade their social life but not spending money on things that can upgrade their lifestyle. "A bad day on the mountain bike always beats a good day in the office" Mr. Vishal Singh quoted. The event was not just an informative session but a catalyst for change. Attendees left with a newfound understanding of how embracing cycling could lead them toward a more sustainable lifestyle, a healthier self, and unforeseen adventures. The "Pedal for a Greener Tomorrow" event, organized by the LNCT Group Cycling Club, sent a clear message that the journey to a more eco-friendly world begins with a single pedal stroke. The LNCT Group Cycling Club continues to inspire, advocate, and empower students and community members to embrace the joy of cycling as a means of creating a greener and more sustainable tomorrow.

Workshop on "UX/UI Design"

Three-day UX/UI workshop was conducted by the Department of Computer Science & Engineering, CSE-Cyber Security, CSE-AIML, where we focused on teaching UI and UX design using the Figma software. The workshop was a tremendous success, with enthusiastic participation from the students and a great deal of learning by them. We covered a wide range of topics, including user research, wireframing, prototyping, and usability testing. Students had the opportunity to apply their knowledge in practical exercises, and the feedback we received was overwhelmingly positive. The workshop was conducted in two phases. The first phase was conducted from 3 October, 2023 to 7 October, 2023. This phase was commenced with an exploration of the ethics and responsibilities of UX/UI designers, emphasizing the importance of user well-being. Mentored 50+ students, introduced them to advance design tools. The second phase was conducted from 18 October, 2023 to 22 October, 2023. This phase began with a comprehensive overview of the impact of UX/UI in the business world, highlighting its role in driving customer engagement and business success.



First Achievement

The Department of CSE, CSE-AIML, CSE-Cyber Security of LNCT & S College feels pride to announce that Cdt ARUSHI PANDEY Regimental no. MP/72/SW/113101 got Selected to attend All India Thal Salnik Camp, 2023 at DG NCC DELHI Cantt Camp location in event Health and Hygiene from 18th September to 30th September, 2023. Cdt Arushi Pandey is the only SW Cadet from Bhopal Group to be part of AITSC team and represent MP&CG Directorate. She led the MP&CG SW Contingent as a senior Cadet. For Non-RD Banner activity she and her team won a Silver medal for MP&CG in Tug of War Competition held in AITSC, 2023.

Student Achievements

The Department of CSE, CSE-AIML, CSE - Cyber Security proudly announces that Divyani Parefrom LNCT & S stood Rank 1 in MP and CG Directorate in women 3P open sight shooting inter group competition. Got an opportunity to get training at army marksmanship unit (Mhow) under the guidance of elite Olympic and Asian games players. Got selected for IDSSC nationals 2023 inter Directorate sports shooting championship held at Thiruvananthapuram Kerala and represented (MP and CG) and stood All India rank 9 in women 3P open sight event and qualified for GV Mavlamkar national shooting championship 2023



"NEWS BULLETIN NOVEMBER"

Expert Lecture on "Role of Industry-Institute Interaction to promote Education & Entrepreneurship"

The Department of Computer Science & Engineering, CSE-AIML, CSE-Cyber Security of LNCT & S, Bhopal conducted the seminar for the students by the expert "Mr. Rajesh Raj", Sr. Developer, ECLAT Infotech (P) Ltd. on 04th November 2023. He focused to bridge the gap between industry and academics by focusing on some practical subjects. This gap has long been a subject of concern and debate, as it directly affects the ability to drive innovation, economic growth, and societal progress. There is disparity between what is taught and researched in academic institutions and the practical needs and demands of the industry which results in a mismatch of skills, knowledge, and expectations between graduates and employers. He encouraged students to participate in internships and cooperative programs, and escorted them to gain practical experience while studying. He advised to launch some joint research projects between academia and industry, fostering a culture of innovation and knowledge sharing. Mr. Rajesh Raj asked to adopt collaborative strategies, embrace cultural change, and nurture an environment of continuous learning, so that we can work together to narrow the gap and create a brighter future for all.

LNCT & S signs MOU with Kalchuri Solutions

The Head of Department, Dr. Bhupesh Gour signed an MOU with Mr. Rajesh Rai, Director, Kalchuri Solutions, to strengthen existing educational cooperation. The MOU aims to strengthen the existing cooperation in the field of educational institutions, by facilitating student and faculty mobility, joint research programmes, designing courses, organizing and participation in conferences, lectures, seminars, symposia, courses, scientific and educational exhibitions in areas of mutual interest held in both countries. Dr. Bhupesh Gour and Mr. Rajesh Rai expressed their commitment to strengthen institutional mechanisms and speed up processes for smooth student and workforce mobility. This MOU will remain valid for three years.

Event Conduction of "Gaming Event"

LNCT & S in collaboration with Higher Sports of IIT Madras organized the 'Chakravay Gaming Event', a four-day event which started on November 2nd 2023. The event witnessed active participation from more than 500 students, showcasing the enthusiasm of not only LNCT and IIT students but also competitors from IIM Kashipur, Mumbai University, Delhi University and other prestigious institutes. This diverse participation contributed significantly to the success of the programme. The gaming competition had two exciting categories, Scribble and BGMI (BattleGrounds: Mobile India). Scribble Winner - Sauryo Mitra(IIT Madras), Aditya Savner(LNCT Group), Devanishi Shukla(IIT Madras) and BGMI Winner - Team VOD(LNCT Group)(Kundan Kumar, MD Aazib Khan, Aamir Khan, Farhan Khan). Team 7 (LNCT Group)(Palzan Khan, Falaz Khan, Saban Biswal, Soumya), and Team Astri(LNCT Group) (Amandeep, Aniket Kumar, Abhishek Kumar, Aman Kumar) displayed exceptional skills and were recognized for their achievements. They were honored by giving incentive letter. The event Coordinators- Anuj Gupta, Akash Raj Pathak, Vedant Ghanekar, Himanshu Kumar, Arnav Gupta, Sibaka Kumar, Abhinav Singh, Akshat Singh, Shakti Soni, Nikhil Banal and Romi Bharti were also awarded event certificates for their efforts in making the event a success. To be done. Notably, the event was livestreamed on Halper Sports' YouTube channel, giving gaming enthusiasts and supporters the opportunity to watch the exciting competition. This collaborative effort highlighted the growing importance of eSports in the educational landscape and celebrated the diverse talent at universities.

Expert Lecture on "Machine Learning"

The Department of Computer Science & Engineering, CSE-AIML, CSE-Cyber Security of LNCT & S, Bhopal has conducted the expert lecture on "Machine Learning" for the students by the expert "Dr. Siddharth Arjaria", Assistant Professor, Rajlaxya Engineering College, Banda on 23rd November 2023. According to Dr. Arjaria, machine learning is a dynamic field with transformative potential across various industries. The future promises exciting advancements, making ML an integral part of our evolving technological landscape. He also gave a broad overview of machine learning, touching on key concepts, applications, challenges, and future trends



FACULTY ACHIEVEMENT

AICTE Technical Book Translation in HINDI Language

Dr. Bhawana Pillai, Associate Professor, Department of CSE has been invited for translating a technical book entitled Computer System Organization for the III semester (Diploma) in Hindi by the All-India Council for Technical Education (AICTE).

Dr. Bhawana Pillai was felicitated by the department and was encouraged by the Head of the Department "Dr. Bhupesh Gour". This recognition not only expresses gratitude but also fosters a positive and collaborative environment within the academic community.

Development of video content for Engineering Courses

Dr. Ruchi Jain, Associate Professor, Department of CSE has been invited to develop video content of engineering course CS-601 Machine Learning for the Centre for MOOCs, Rajji Gandhi Prodyogiki Vishwavidyalaya.

The department felicitated the faculty for the great achievement and for the dedication to create an innovative and effective educational resource. This achievement reflects the hard work, expertise, and commitment to providing quality learning experiences. The contribution to the field of education is invaluable, and e-learning course will benefit many students.

"NEWS BULLETIN DECEMBER"

STUDENT ACHIEVEMENT -KBC Selection

Rishi Sharma, a promising student of LNCT&S, B.Tech VII semester has made LNCT Group proud by getting selected for his knowledge in the prestigious game show "Kon Banega Crorepati" coming on Sony TV. This show recently aired on 1st December, Rishi Sharma missed the final selection in Fastest Finger First but his efforts were appreciated by Sony TV and megastar Shri Amitabh Bachchan ji and a conversation with Rishi Sharma and his father. Wishing him a bright future. LNCT family is proud of this achievement of Rishi Sharma and wishes him a bright future. Rishi Sharma had participated in KBC online, and after being in top 32 position across the country, he got a call from KBC, Sony TV and then the interview was conducted, in which he was selected.

Smart India Hackathon Selection

Two Teams named Robospans and Techno Geeks got selected for the Grand Finale of the Smart India Hackathon 2023. This achievement is a testament to the hard work, innovation, and dedication. The selection reflects not only the individual capabilities but also the collective strength of the respective teams. The team members of Robospans were: Aakriti Awasthi, Himanshu Kumar, Mayank Jha, Arpit Ghura Chayan and Deokar Divyanti Pare The team members of Techno Geeks were: Farhan Akhtar, Krishna Pat, Ashish Bhagwan Patel, Aqib Ahmad, Jigyasa Yadav and Sejal Yadav The Department wishes them continued success as they showcase their innovative solutions. May their ideas contribute positively to the advancement of technology and make a lasting impact.

