



Magazine

October - December 2024



INSPERIA



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**LAKSHMI NARAIN COLLEGE OF TECHNOLOGY-MCA
BHOPAL**



**LNCT GROUP OF COLLEGES
SEVENTH EDITION**

OBJECTIVE

The main objective is to make students technically talented in the information technology field. The department has tied up with Coursera (spoken tutorial project) which offers certificate courses to help the students to gain exposure towards leading its tools and languages which is part of the curriculum to earn credits. The students are advised to enroll for online MOOC courses to gain knowledge and upgrade their skills for employment.

VISION

To be a premier institute where globally competent computer professionals, innovators, and entrepreneurs are evolved with patriotism and nurtured ethical values.

MISSION

- ❖ To offer high-grade, value-based Post-graduate Programmed in the field of Computer Applications.
- ❖ To improve continually in the teaching-learning process by strengthening infrastructural facilities and faculty credentials.
- ❖ To provide conducive environment to achieve excellence in teaching-learning, and research & development activities.
- ❖ To incorporate IT professionals and skilled based courses beyond curriculum to create more employable post-graduates.
- ❖ To provide appropriate forums to develop innovative talents, practice ethical values and inculcate as enduring learners.

Blessings from the Desk of Executive Director LNCT Group of Colleges

Chief Patron

Shri. J.N. Chouksey

Patrons

Ms. Poonam Chouksey

Dr. Anupam Chouksey

Director,

Administration

Dr. Ashok Kumar Rai

Director LNCT-MCA

Prof. (Dr) Sanjay Bajpai

Chief Editor

Dr Virendra Kumar

Tiwari

Editor

Prof. Mahesh Kumar

Bagwani

Advisory Board

Prof. Ashish Jain

Prof. Dev Chouhan

Prof. Ripusoodan

Sharma

Prof. Rohit Singh

Inspiring Excellence, Discipline, and Leadership

In present scenario, evolving global environment, the pillars of excellence, discipline, and leadership play a vital role in shaping responsible individuals and future-ready professionals. At LNCT Group of Colleges, we are committed to nurturing these core values to empower students with knowledge, character, and competence.

Excellence is not merely about academic achievement. It is a continuous pursuit of quality, innovation, and improvement in every sphere of life.

“EXCELLENCE IS OUR STANDARD NOT OUR GOAL”

We encourage our students to strive for the highest standards in academics, research, co-curricular activities, and personal development. Through a learner-centric approach, modern infrastructure, and experienced faculty, we provide an environment that fosters intellectual curiosity, critical thinking, and creativity.

Discipline forms the foundation of personal integrity and professional success. It instills responsibility, punctuality, respect, and ethical conduct. Our institution emphasizes disciplined learning, structured academic practices, and a value-based culture that promotes self-control and accountability. By cultivating discipline, students develop resilience, focus, and commitment, enabling them to overcome challenges and achieve their goals with confidence.

Leadership is the ability to inspire, guide, and influence others toward a shared vision. At LNCT, leadership development is embedded in academic programs, student clubs, social initiatives, and community engagement activities. We aim to nurture confident leaders who demonstrate empathy, teamwork, decision-making skills, and social responsibility. Our students are encouraged to take initiative, embrace innovation, and contribute positively to society.



Smt. Shweta Chouksey
Executive Director, LNCT
Group of Colleges,
Bhopal

“At community college you are not just a number you are a name, a face, a story.....”

Future-Ready Education and Career Guidance

In today's rapidly changing world, future-ready education and effective career guidance are essential to prepare students for emerging challenges and opportunities. At LNCT Group of Colleges, we focus on delivering an education system that integrates academic excellence, practical exposure, digital skills, and innovative thinking to develop competent and adaptable professionals.

Our future-ready approach emphasizes experiential learning, industry-oriented curriculum, research-based projects, and hands-on training. Through smart classrooms, modern laboratories, e-learning platforms, and industry collaborations, students gain real-world insights and develop problem-solving, analytical, and critical thinking abilities. This learning model helps students stay aligned with current technological trends and workplace expectations.

Career guidance plays a vital role in shaping students' professional journeys. Our dedicated training and placement cell provides career counseling, aptitude assessments, personality development programs, and skill enhancement workshops. Regular interactions with industry experts, alumni mentorship, internships, and industrial visits enable students to explore diverse career paths and make informed decisions.

- **Integration of digital tools and modern teaching method.**
- **Industry expert sessions and alumni mentorship .**
- **Internships, industrial training, and live projects.**
- **Placement support and employability enhancement.**
- **Encouragement of innovation and entrepreneurship.**
- **Skill-based education prepares students for evolving industry demands.**
- **Technology-enabled learning enhances engagement and conceptual understanding.**

In addition, we focus on developing soft skills such as communication, teamwork, leadership, and emotional intelligence, which are crucial for long-term career success. By nurturing innovation, entrepreneurship, and lifelong learning, LNCT Group of Colleges ensures that students are not only job-ready but also prepared to excel, lead, and contribute meaningfully to society.

Future-ready education and career guidance equip students with the skills, knowledge, and mindset needed for a dynamic professional world. Through industry-oriented learning, digital tools, practical training, and expert mentorship, institutions empower learners to make informed career choices, enhance employability, and achieve long-term professional success.



Dr. Kavita Kanathey
HOD
LNCT-MCA, Bhopal

AI in Network Management and Optimization

Artificial Intelligence (AI) is transforming the way modern networks are designed, managed, and optimized. With the rapid growth of data traffic, cloud services, IoT devices, and 5G networks, traditional network management approaches are becoming increasingly complex and inefficient. AI-driven solutions enable intelligent automation, predictive analytics, and real-time optimization, ensuring high performance, reliability, and security.

AI systems analyze vast amounts of network data to detect patterns, predict failures, and optimize resource utilization. Through machine learning algorithms, networks can automatically adjust bandwidth allocation, identify congestion points, and resolve faults before they impact users. AI also plays a crucial role in enhancing cybersecurity by identifying anomalies, preventing intrusions, and responding to threats in real time.

By automating routine tasks, AI reduces operational costs, minimizes human error, and improves overall network efficiency. It enables proactive maintenance, faster troubleshooting, and improved quality of service, making networks more scalable and resilient.



Mrs. Akansha Sharma
(Asso. Prof),
LNCT (MCA), BHOPAL



In conclusion, AI-driven network management and optimization are essential for building smart, adaptive, and future-ready communication systems. By integrating AI technologies, organizations can ensure seamless connectivity, improved user experience, and efficient network operations in an increasingly connected world.

It supports intelligent traffic routing, reducing network congestion and improving data transmission speed. AI-driven analytics assist in accurate capacity planning and scalable network design. These capabilities enhance user experience by ensuring consistent, reliable, and high-quality connectivity. Overall, AI empowers network administrators to make faster, smarter, and more informed operational decisions.

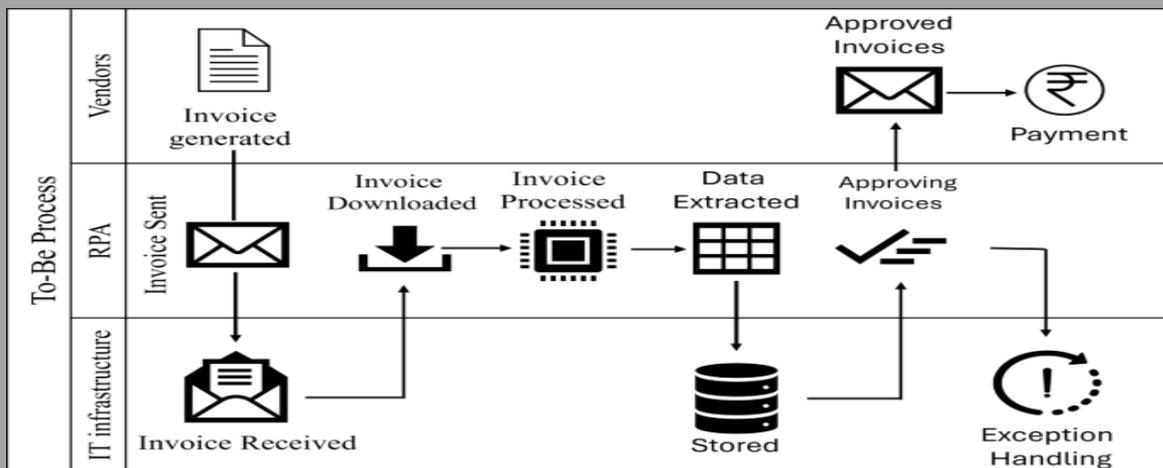
Robotic Process Automation (RPA)

Robotic Process Automation (RPA) is a rapidly emerging technology that uses software robots or “bots” to automate repetitive, rule-based, and time-consuming business processes. These bots mimic human actions to perform tasks such as data entry, data processing, report generation, transaction handling, and system integration with high accuracy and efficiency. By automating routine operations, RPA enables organizations to enhance productivity, reduce operational costs, and improve overall service quality.

RPA plays a significant role in digital transformation across various industries, including banking, finance, healthcare, education, manufacturing, and IT services. In business environments, RPA helps streamline workflows, minimize errors, and ensure faster processing times. It allows employees to focus on higher-value tasks that require creativity, decision-making, and strategic thinking, thereby increasing job satisfaction and organizational effectiveness.



Prof. Rohit Singh
LNCT (MCA), BHOPAL



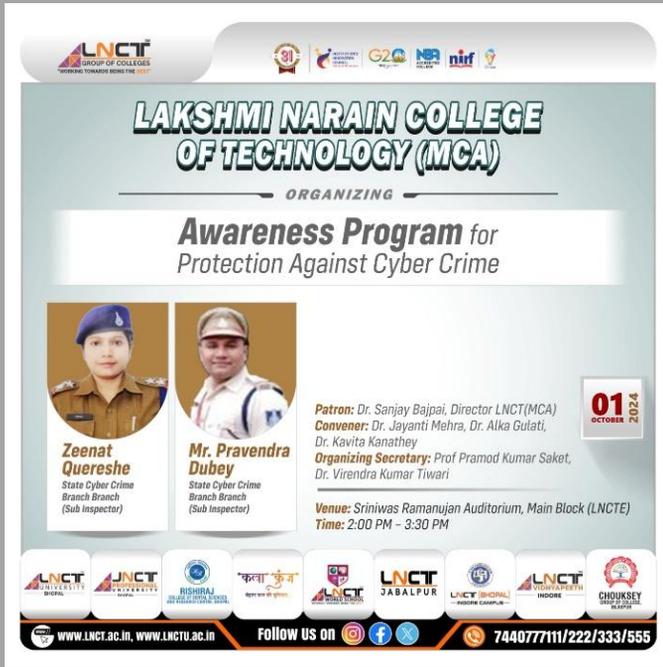
One of the key advantages of RPA is its ability to integrate seamlessly with existing systems without requiring major infrastructure changes. It operates 24/7, ensuring uninterrupted services and consistent performance. Additionally, RPA enhances compliance by maintaining accurate records and audit trails, reducing risks associated with manual processes.

In conclusion, Robotic Process Automation is transforming modern workplaces by improving efficiency, accuracy, and scalability. By adopting RPA, organizations can achieve operational excellence, foster innovation, and stay competitive in the digital era, making it a vital component of future-ready enterprises.

“A mind is like a parachute it doesn’t work if it is not open.”

Awareness program for Protection Against Cyber Crime

Awareness program for Protection Against Cyber Crime by Ms. Zeenat Qureshe, Sub Inspector, State Cyber Crime Branch, Bhopal. Dt.: 01-10-2024.



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA)
ORGANIZING
Awareness Program for Protection Against Cyber Crime

Zeenat Qureshe
State Cyber Crime Branch Branch (Sub Inspector)

Mr. Pravendra Dubey
State Cyber Crime Branch Branch (Sub Inspector)

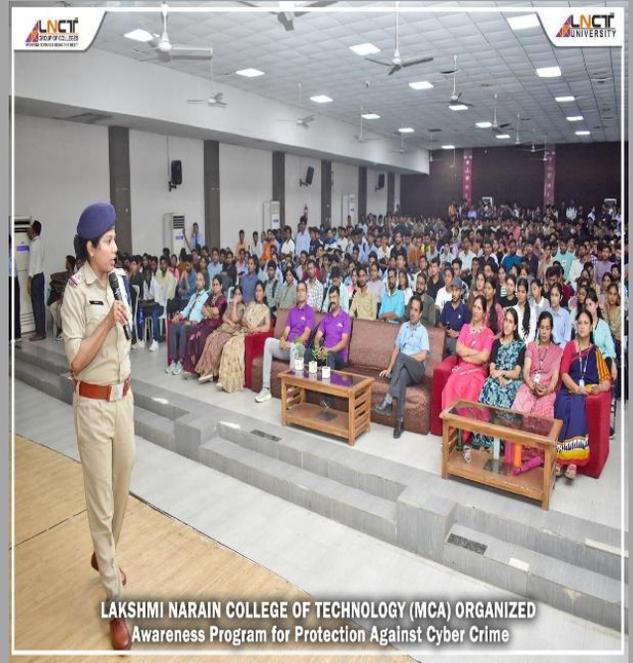
Patron: Dr. Sanjay Bajpai, Director LNCT(MCA)
Convener: Dr. Jayanti Mehra, Dr. Alka Gutati, Dr. Kavita Kanathey
Organizing Secretary: Prof Pramod Kumar Saket, Dr. Virendra Kumar Tiwari

01
OCTOBER 2024

Venue: Srinivas Ramanujan Auditorium, Main Block (LNCTE)
Time: 2:00 PM - 3:30 PM

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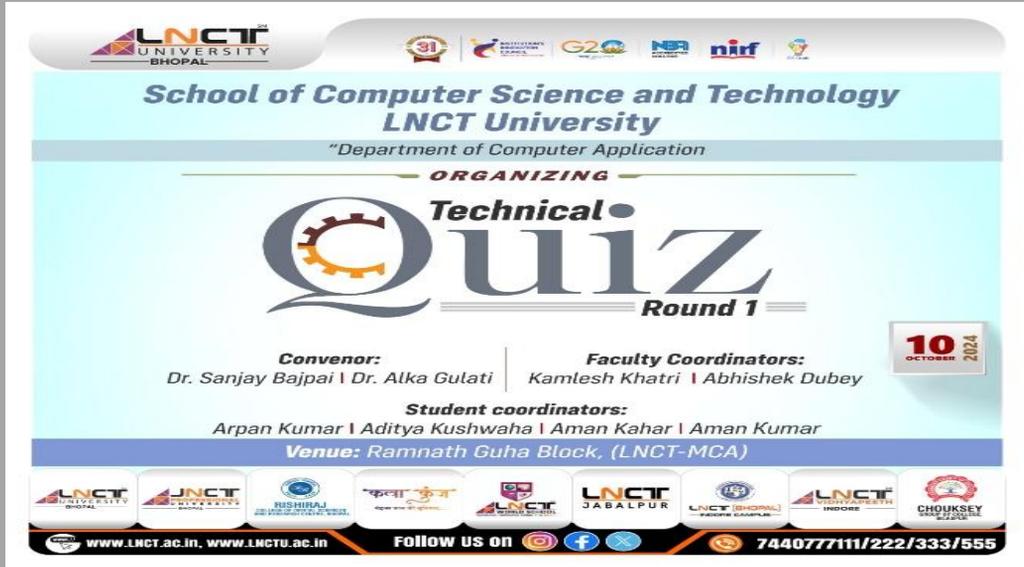
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“Your talents and abilities will improve overtime, but for that, you have to start.”

Technical Quiz organized by the Technical Club of MCA

Technical Quiz is organized by the Technical Club of MCA. Coordinators: Prof. Kamlesh Khatri & Prof. Abhishek Dubey. Dt.: 10-10-2024



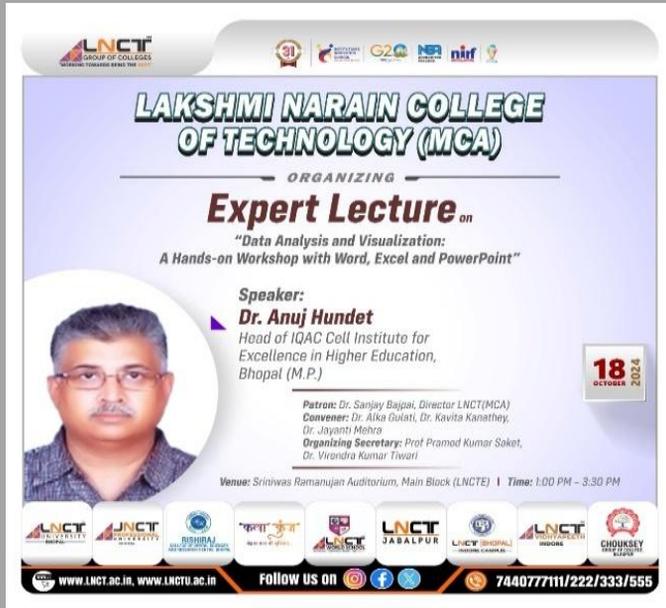
The banner features the LNCT University Bhopal logo at the top left, followed by accreditation logos for 31, UGC, G20, NBA, and NIRF. The main text reads: "School of Computer Science and Technology LNCT University" and "Department of Computer Application". Below this, it says "ORGANIZING Technical Quiz Round 1". The date "10 OCTOBER 2024" is displayed in a red box. The convener is Dr. Sanjay Bajpai | Dr. Alka Gulati. Faculty coordinators are Kamlesh Khatri | Abhishek Dubey. Student coordinators are Arpan Kumar | Aditya Kushwaha | Aman Kahar | Aman Kumar. The venue is Ramnath Guha Block, (LNCT-MCA). The bottom of the banner includes logos for various LNCT branches (Bhopal, Jabalpur, Indore, Chouksey) and contact information: www.LNCT.ac.in, www.LNCTU.ac.in, social media icons, and the phone number 7440777111/222/333/555.



"You don't have to be great to start, but you have to start to be great."

Expert Lecture

An Expert Lecture is organized on the topic "Data Analysis and Visualization: A Hands on Workshop with Word, Excel and Power Point". Speaker: Dr. Anuj Hundet (Head of IQAC Cell, Institute for Excellence in Higher Education, Bhopal). Dt: 18-10-2024.



LAKSHMI NARAIN COLLEGE OF TECHNOLOGY (MCA)
ORGANIZING
Expert Lecture on
"Data Analysis and Visualization:
A Hands-on Workshop with Word, Excel and PowerPoint"

Speaker:
Dr. Anuj Hundet
Head of IQAC Cell Institute for Excellence in Higher Education, Bhopal (M.P.)

Patron: Dr. Sanjay Bajpai, Director LNCT(MCA)
Convener: Dr. Alka Gulati, Dr. Kavita Kanathay,
Dr. Jayanti Mishra
Organising Secretary: Prof. Pramod Kumar Soket,
Dr. Virandra Kumar Tiwari

18
OCTOBER
2024

Venue: Srinivas Ramanujan Auditorium, Main Block (LNCTE) | Time: 1:00 PM - 3:30 PM

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"They said "it's difficult" I said, "I will still do it" "

Workshop on “Data Driven Decision Making”

Three Days Workshop on “Data Driven Decision Making” is organized by Technical Club- MCA. Coordinators: Prof. Prerna Jha & Prof Swagatika Lenka. Dt.: 21 – 23 October, 2024.



LNCT UNIVERSITY BHOHAL

SCHOOL OF COMPUTER SCIENCE AND TECHNOLOGY (SOCST)
Department of Computer Application, LNCT University, Bhopal

Technical Club

Organized by

3 DAYS Hand's On workshop on **Data-Driven Decision Making**

Date: 21, 22 and 23 October

Venue: 305, LNCT, MCA
Convener: Dr. Sanjay Bajpai | Dr. Alka Gulari | Dr. Kavita Kanathay
Faculty co-ordinator: Prerna Jha | Swagatika Lenka
Student co-ordinator: Sheetal Jais | Sanjiv Pandit | Vishnu Pratap Singh | Vaishnavi Yada

LNCT UNIVERSITY BHOHAL | LNCT UNIVERSITY JABALPUR | LNCT UNIVERSITY INDORE | CHOUKSEY

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Visit “IDEA LAB”

Students of BCA visited Idea Lab, LNCT Bhopal to know and explore the new projects in the field of innovation. Ms. Karuna Vishwakarma and Dr. Virendra Kumar Tiwari escorted the students. Dt.: 11-14 November, 2024.



LNCT UNIVERSITY, BHOPAL
Department of Computer Application
ORGANIZING

An Educational
**Visit at
IDEA LAB**

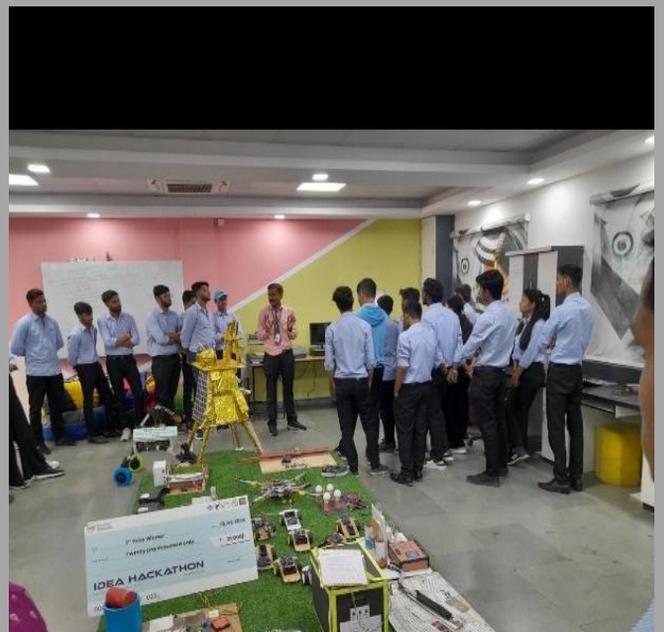
Director
Dr. Sanjay Bajpai

HOD
Dr. Alka Culiati

Coordinators
Prof. Karuna Vishwakarma
Dr. Virendra Kumar Tiwari

Date: 11th to 14th November, 2024.

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“Take it all one day at a time and enjoy the journey.”

Educational Visit

Students of BCA visited Idea Lab, LNCT Bhopal to know and explore the new projects in the field of innovation. Dr. Neelu Singh and Dr. Jayanti Mehra escorted the students. Dt.: 21-11-2024.



Lakshmi Narain College of Technology (MCA)

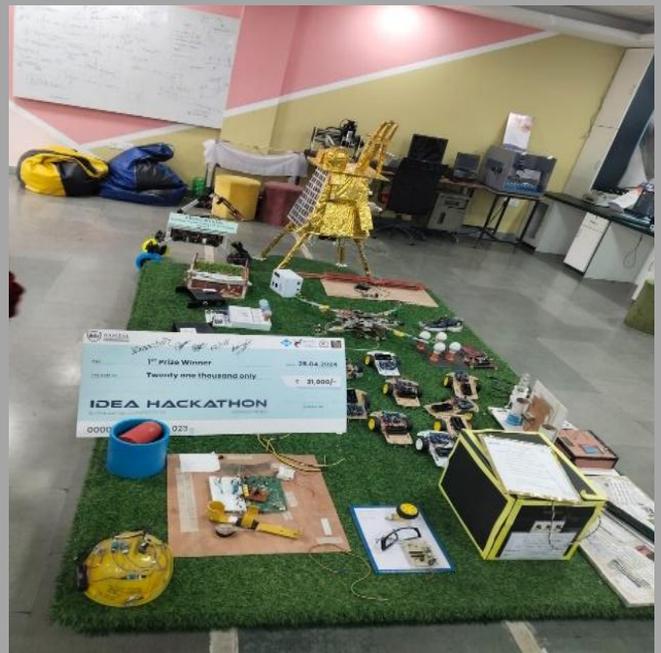
ORGANIZING

An Educational Visit at **IDEA LAB**

Director Dr. Sanjay Bajpal	HOD Dr. Jayanti Mehra	Coordinators Dr. Neelu Singh
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Date: 21st November 2024

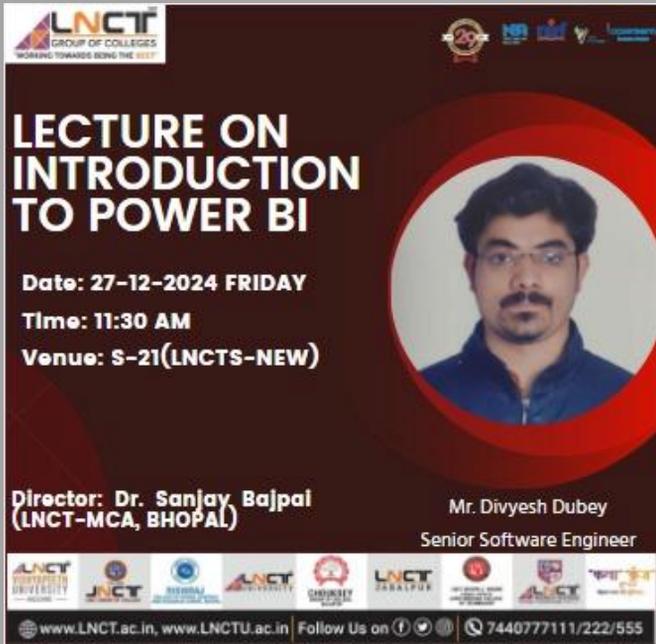
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“There is no elevator to success you have to take the stairs.”

Expert Lecture on “Introduction to Power BI”

Expert Lecture on Introduction to Power BI by Mr Divyesh Dubey, Senior Software Engineer, Kipi.bi Gurgaon. Dt.: 27-12-2024. 325 students participated in the event.



LNCT GROUP OF COLLEGES
WORKING TOWARDS BEING THE BEST

LECTURE ON INTRODUCTION TO POWER BI

Date: 27-12-2024 FRIDAY
Time: 11:30 AM
Venue: S-21(LNCTS-NEW)

Director: Dr. Sanjay Bajpal (LNCT-MCA, BHOPAL)

Mr. Divyesh Dubey
Senior Software Engineer

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“Start where you are.....”



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Thank You

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