



# Magazine

January - March 2026



# “INSPERIA”

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## LAKSHMI NARIN COLLEGE OF TECHNOLOGY (MCA)

### BHOPAL

- INNOVATE
- LEARN
- LEAD
- ACHIEVE



LNCT GROUP OF COLLEGES

# SEVENTEEN EDITION

EMPOWERING MINDS • SHAPING FUTURES • BUILDING NATION



## 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.

**“Success begins with the courage to start.”**

## Visionary Insights from the Board of Directors, LNCT Group of Colleges

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## Visionary Leadership for a Progressive Future

In today's rapidly evolving world, visionary leadership has become the foundation for progress, innovation, and sustainable growth. The future belongs to institutions and individuals who possess the courage to think beyond conventional boundaries and the determination to transform challenges into opportunities. In the field of education, visionary leadership plays a crucial role in shaping future-ready professionals who can contribute meaningfully to society and the nation.



**Shri. Jai Narain Chouksey**  
Board of Directors  
LNCT Group of Colleges

At LNCT Group of Colleges, we believe that true leadership is not merely about managing the present but about creating a roadmap for the future. A visionary leader inspires innovation, encourages creativity, and fosters a culture of continuous learning and excellence. By integrating technology, research, and value-based education, institutions can empower students to become confident, ethical, and globally competent individuals.

In this era of digital transformation, leaders must embrace adaptability, collaboration, and forward-thinking approaches. Emerging technologies such as Artificial Intelligence, Cloud Computing, Data Science, and Automation are redefining industries and career opportunities. Therefore, educational institutions must prepare students with not only technical knowledge but also leadership qualities, problem-solving abilities, and social responsibility.

Visionary leadership also emphasizes inclusivity, integrity, and sustainability. It encourages young minds to dream big, innovate fearlessly, and work collectively toward building a progressive and technologically advanced society. Through quality education, industry collaboration, entrepreneurship, and research-driven initiatives, we can nurture a generation capable of leading the world with confidence and compassion.

**"The future depends on what we do in the present."**

## Research, Innovation and Entrepreneurship in Higher Education

In today's rapidly evolving world, higher education plays a crucial role in shaping future leaders through research, innovation, and entrepreneurship. These three pillars are transforming traditional learning into a dynamic system that encourages creativity, critical thinking, and practical problem-solving. Educational institutions are no longer limited to providing theoretical knowledge; they are now focused on preparing students to face real-world challenges with confidence and innovation.

Research forms the foundation of knowledge creation and intellectual development. It encourages students and faculty members to explore new ideas, develop analytical thinking, and contribute meaningful solutions to scientific, technological, and social issues. Modern laboratories, innovation centers, and collaborative learning environments provide opportunities for practical experimentation and interdisciplinary growth.



**Dr. Sanjay Bajpai**  
**Director**  
**LNCT (MCA), Bhopal**



Innovation acts as the driving force behind progress. The integration of emerging technologies such as Artificial Intelligence, Cloud Computing, Data Science, and the Internet of Things (IoT) is revolutionizing education and industry. Institutions that promote innovative learning inspire students to think creatively and develop advanced solutions for modern challenges.



Entrepreneurship further strengthens higher education by transforming ideas into impactful ventures. Startup incubation centers, industry collaborations, mentorship programs, and business competitions help students develop leadership, decision-making, and risk-management skills. These initiatives motivate students to become job creators and contribute to economic and social development.

Furthermore, collaboration between academia and industry bridges the gap between theoretical knowledge and practical application. Internships, industrial training, and research partnerships ensure students gain industry-oriented experience and future-ready skills.

**"Education is the passport to the future."**

## Ethics, Leadership and Responsibility in Modern Education

In the contemporary era of global transformation, modern education is not only focused on academic excellence and technological advancement but also on developing ethical values, leadership qualities, and social responsibility among students. Education plays a vital role in shaping individuals who are not only skilled professionals but also responsible citizens capable of contributing positively to society. Ethics, leadership, and responsibility have become essential pillars in creating a balanced and progressive educational environment.

Ethics in education promotes honesty, integrity, respect, and fairness. It helps students develop moral values and make responsible decisions in both personal and professional life. Ethical education encourages discipline, empathy, and accountability, which are essential for building trust and maintaining harmony within society. In an era influenced by digital transformation and global competition, ethical values guide individuals toward the right use of knowledge and technology.

Leadership is another crucial aspect of modern education. True leadership is not about authority but about inspiring others, making wise decisions, and working collectively toward common goals. Educational institutions provide students with opportunities to develop leadership skills through teamwork, research activities, innovation projects, and extracurricular programs. Effective leaders possess confidence, adaptability, communication skills, and the ability to solve challenges with vision and responsibility.



**Dr. Ashish Jain**  
**LNCT (MCA), BHOPAL**



Responsibility in education encourages students to become socially aware and contribute meaningfully to the community and nation. It develops a sense of duty toward society, the environment, and humanity. Responsible individuals understand the importance of sustainability, inclusivity, and ethical conduct in every aspect of life.



In conclusion, ethics, leadership, and responsibility are fundamental to modern education. Together, they shape future-ready individuals who are not only academically competent but also morally strong, socially responsible, and capable of leading society toward a progressive and sustainable future.

**“A leader is one who knows the way, goes the way, and shows the way.”**

## Empowering Self-Healing Clouds with Agentic Generative AI

Cloud computing has become an essential part of modern technology and is widely used in banking systems, e-commerce platforms, healthcare applications, online education, and social media services. As the dependency on cloud infrastructure increases, maintaining system reliability and reducing downtime has become a major challenge. Traditional cloud systems mainly depend on manual monitoring and reactive fault management approaches, where problems are identified only after failures occur. This process increases recovery time and affects overall system performance.

To overcome these limitations, the concept of Self-Healing Cloud Systems has emerged. A self-healing cloud is an intelligent system capable of automatically detecting, analyzing, predicting, and resolving failures without continuous human intervention. The proposed research work titled “Empowering Self-Healing Clouds: Agentic Generative AI Agents for Predictive Fault Detection and Autonomous Remediation” focuses on developing an advanced AI-driven framework for intelligent cloud management.

The proposed system integrates technologies such as Machine Learning (ML), Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and AWS cloud services to create an autonomous cloud environment. The system continuously monitors cloud logs, CPU usage, memory utilization, and network metrics using AWS CloudWatch. Machine learning models analyze historical and real-time data to predict potential failures before they occur. The LLM and RAG modules provide intelligent reasoning and context-aware decision-making by analyzing logs and retrieving relevant historical information.

One of the major advantages of the proposed framework is its ability to perform Autonomous Remediation. Using AWS Lambda functions, the system can automatically execute recovery actions such as restarting services, scaling resources, and resolving system issues without manual intervention. This significantly reduces downtime, improves reliability, and enhances overall cloud performance.

The proposed self-healing cloud framework represents a major advancement in intelligent cloud computing. By combining predictive analytics, AI reasoning, and automation, the system transforms traditional reactive cloud management into a proactive and autonomous approach. This research highlights the future direction of cloud computing, where intelligent systems will be capable of self-management and continuous learning with minimal human involvement.



**Ripusoodan Sharma**  
Assistant Professor  
LNCT (MCA), BHOPAL

**“Growth comes from curiosity, dedication, and perseverance.”**

## Rahiway: Where Ideas Find the Right Team

In today's world, students are full of innovative ideas, startup dreams, and creative project concepts. Every day, many young developers, designers, and creators start building something new. But one common problem stops many of these ideas from becoming reality — finding the right team.

Many projects begin with excitement but slowly fade away because of poor communication, lack of coordination, or teammates losing interest midway. As a student, I noticed this challenge closely while working on projects and interacting with other creators. This inspired the idea of Rahiway — a project-first collaboration platform designed for students, developers, designers, and startup enthusiasts.

Unlike traditional networking platforms that focus mainly on resumes and job titles, Rahiway focuses on what people are actually building. The platform aims to help users discover teammates and co-founders who share similar interests, goals, and creative vision.

Rahiway includes features such as AI-powered teammate suggestions that help users connect with people based on skills and project interests. It also provides real-time chatting for better communication and a dedicated workspace where teams can track project progress, manage tasks, and collaborate more effectively.

Another important goal of Rahiway is building trust and accountability in teamwork. The platform encourages genuine participation and meaningful collaboration so that students can work with committed and reliable teammates.

The vision of Rahiway begins with student communities and college campuses, where innovation and creativity are growing rapidly. The aim is to create an ecosystem where talented students can connect, collaborate, and turn their ideas into real projects and startups.

In the future, Rahiway plans to introduce more features such as startup funding connections, project showcase events, innovation communities, and opportunities for young creators to grow together. The platform hopes to become a space where ideas are not just discussed, but actually built.

Rahiway is not just a platform, it is an initiative to encourage innovation, teamwork, and entrepreneurship among students.



**Raman Vishwari**  
**0103CA251257**  
**LNCT (MCA), BHOPAL**

**“Ideas grow when the right people connect.”**

## **AI & the Future of Jobs**

### ***Threat or Opportunity?***

Artificial Intelligence (AI) is no longer the material of science fiction- it is reshaping the way world works. From customer service chatbots to autonomous vehicles, AI is gradually taking over tasks once performed by humans. Which has started a global debate.



**Mirza Hina Kausar**  
0103CA251192  
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### ***Will AI steal our jobs or will it create new ones?***

#### **Yes, some jobs will go.**

AI is already doing tasks that humans used to do, like writing emails, reports, data sorting or answering basic questions, etc. Jobs that repeat the same kind of steps everyday are at the highest risk. In fact, that's quite evidently happening now.

#### **But new jobs always appear.**

Every big technology shift in history from printing presses to computers took some jobs away but created many more. At the end of the day AI needs humans to build it, check it and guide it. New job opportunities are already showing up that didn't exist five years ago.

**“So AI won't erase work, it will change it”.**

## Five-Day MSME Awareness Program Empowers Students on Entrepreneurship

A five-day MSME (Micro, Small, and Medium Enterprises) awareness program was organized from February 2–6, 2026, to educate students on government schemes, policies, and strategies for launching successful business ventures. Sponsored by the Ministry/Department of MSME, the event featured insightful addresses from various industry experts, including the Additional Director of MSME, Mandideep. The program was successfully coordinated by Dr. Sonal Sharma and Prof. Rohit Singh.



**LNCT UNIVERSITY, BHOPAL**  
School of Computer Science & Technology  
Department of Computer Application

ORGANIZING

**5-DAYS WORKSHOP**

Topic: Workshop on Effective Sales and Marketing Strategies for Entrepreneurs/Startups  
**Empowered and Sponsored by MSME**

**Renowned Expert Panel**

 Dr. Vijay Anand Sharma Founder, The Shiksha PVT. Ltd.	 Dr. Anand Founder JIT Project PVT. Limited	 Dr. Divyanshu Pathak Senior Entrepreneur Founder @ I2000 World Technologies	 Dr. Mahendra Joshi Founder @ I2000-Content Lab Writer, Lecturer	 Dr. Ramendra Sharma CEO, Sika Science Founder PVT. Ltd.
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Director: Dr. Sanjay Bagpal | HOD: Dr. Alka Chakri, Dr. Jayanti Mehra, Dr. Kavita Khandelwal  
Co-ordinators: Dr. Sonal Sharma, Prof. Rohit Singh  
Co-organizers: Prof. Dev Kumar Choudhan, Dr. Anshu Singh, Dr. Yashraj Kumar Tiwari  
Time: 10:30 AM - 3:30 PM | Date: 02 Feb to 06 Feb 2026 | Venue: 309 (LNCT MCA)

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“Every challenge is an opportunity to learn and improve.”

## Five-Day MSME Awareness Program Empowers Students on Entrepreneurship



**“Believe in your potential and keep moving forward.”**

## Awareness Program on Cybersecurity and Fraud Prevention

An awareness program was organized on Safer Internet Day, February 10, 2026, to educate students on the risks of internet misuse, online fraud, and emerging cyber threats. The session focused on equipping participants with practical strategies to protect their personal data and navigate the digital space safely. The event was successfully coordinated by Ms. Karuna Vishwakarma and Ms. Anshu Gangwar.



**"Every challenge is an opportunity to learn and improve."**

## Alumni Talk

An insightful alumni talk was organized on March 21, 2026, featuring Mr. Amarnath Dixit, a distinguished alumnus from the Class of 2022. Currently working as a Software Engineer at Accenture, Indore, Mr. Dixit interacted with the students to share his professional journey, industry experiences, and guidance on navigating careers in the software development sector.



**“Success is built through discipline, patience, and determination.”**

## The Future of Intelligent Technology

Artificial Intelligence is becoming a major part of our daily lives. From voice assistants and recommendation systems to self-driving cars, AI is changing the way humans interact with technology. One of the newest and most exciting developments in this field is Agentic AI. Unlike traditional AI systems that only respond to commands, Agentic AI can think, plan, and take actions independently to achieve a goal.

In simple words, Agentic AI works more like a smart assistant rather than a simple machine. It can analyze situations, make decisions, learn from feedback, and complete tasks with minimal human guidance. For example, instead of only answering questions, an AI agent could organize schedules, send reminders, manage tasks, and solve problems on its own.

The biggest advantage of Agentic AI is efficiency. It can automate repetitive work, save time, and improve productivity in many fields. In education, AI tutors can provide personalized learning experiences for students. In healthcare, AI systems can assist doctors in analyzing reports and monitoring patients. Businesses are also using AI agents for customer support, data analysis, and office management.

However, Agentic AI also brings challenges. Many people are concerned about job replacement, privacy issues, and overdependence on technology. There are also ethical questions about responsibility if an AI system makes a wrong decision. Because of this, it is important to use AI responsibly and ensure that humans remain in control.

Despite these concerns, the future of Agentic AI is very promising. As technology continues to grow, AI agents may become a regular part of our everyday lives, helping people work smarter and solve problems more efficiently. For students, understanding technologies like Agentic AI is important because they will shape the future of education, careers, and society.

In conclusion, Agentic AI represents the next step in the evolution of artificial intelligence. It is transforming machines from simple tools into intelligent systems capable of independent action. If used wisely, Agentic AI has the potential to make life easier, improve productivity, and create a smarter future for everyone.



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"WORKING TOWARDS BEING THE BEST"



**Thank You**

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