LNCT GROUP OF COLLEGES
"WORKING TOWARDS BEING THE BEST"

Magazine

April-June 2022

INSPERIA

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LAKSHMI NARAIN COLLEGE OF TECHNOLOGY-MCA

BHOPAL

LNCT GROUP OF COLLEGES

SECOND EDITION

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY - MCA

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 Programmes 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 enhance proportion of 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.

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Blessings of Secretary LNCT Groups of Colleges & Pro-Chancellor, LNCT University, Bhopal

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LNCT Group endeavors to empower students by providing them with an educational, professional, and innovative platform to achieve their pursuits and remarkable possibilities. The establishment of the institution marks the culmination of the expertise developed over 29+ years of the quest for excellence. This expertise is leveraged to alleviate our students and establish them in a manner such that they could emerge as enlightened and tactful individuals who can bring a constructive change in aristocracy.

Dr. Anupam Chouksey
Hon'ble Pro-Chancellor
LNCT University & Secretary LNCT Group of Colleges, Bhopal

LNCT Group stands rigorously when it comes to remarkable achievements on the state, National and even the International platform where outcome-based education and fabricated solidity, allegiance and guidance are exceptionally designed for suitable placement avenues with tactical training modules. Apart from this, in today's modern age with tremendous technological advances, the opportunity to learn is seemingly omnipresent at our campus, for instance, the establishment of an all-new modern computer laboratory has been provided for user amelioration which aims for the fulfillment of prerequisite, skills development among the students. I congratulate all aspirants and achievers for the exotic beginning of their careers at LNCT. I wish you all the very best!

A person who never made a mistake never tried anything new.
-Albert Einstein

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Blessings from the Desk of OSD , LNCT&S, LNCT Groups, Bhopal

First of all, I congratulate the thinking that brought this magazine into existence, surely it must be a joint thinking of teachers and students. Through this magazine, not only all those students who are involved in the activities of the institution and have a desire to do something, but also those who do not move forward due to hesitation, will also come forward.

Hon'ble Management of LNCT Group has always been motivating all of us to do something new, I am sure that this will be reflected through this magazine and there will be diversity in your activities, which will definitely help you in achieving your goals. Many congratulations and best wishes to all the teachers and students who have contributed directly and indirectly to the publication of InsPeria.

Prof. (Dr.) Amitbodh Upadhyaya,
OSD - LNCT&S, LNCT Group of Colleges, Bhopal.

Load balancing Technique toward Congestion minimization in WSN-enabled-Healthcare

Nowadays, WSN is effectively using in healthcare application by means of body area network, which is senor-based wearable devices mainly utilized in health care prevention and monitoring applications. Limited resources make the WSN easily suffer from the problem of congestion, which degrade the performance of the network and hence reduced the reliability, which is most important requirement for WSN enabled healthcare.

The objective of this technique is to design a routing protocol which can minimize communication delay and gain higher throughput with optimum network overhead. This technique present Load balancing technique toward Congestion minimization in WSN-enabled-Healthcare named LC-AOMDV mechanism.

Dr. Jayanti Mehra

LNCT-MCA Bhopal

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Load balancing Technique toward Congestion minimization in WSN-enabled-Healthcare

This mechanism utilizes calculation and regulation of normal AOMDV routing protocol for efficient communications and more reliable health data delivery. This technique simulated into Network Simulator 2.31 and results obtained are compared with results of existing routing technique. The results are analyzed by means of performance queue length of intermediate nodes and reduced the data sending rate dynamically to avoid the congestion from the network. The mechanism uses multi-hop multi-path routing and integrated into existing metrics like data/packet drops, PDR, routing overhead, throughput. Analysis shows that PDR is increased by around 4%, delay is decreased by 0.13 MS, and throughput is increased by 400 Kbps as compared to normal AOMDV. This technique mechanism concluded and ensured that it gives better performance over existing technique and increases the reliability to transfer healthcare data.

Cloud Complexity

Other reasons that account for failed cloud initiatives - it is often due to the inability of an organization to manage the complexity of their new found infrastructure. The below chart is an attempt to visualize the complexity challenge in its historical context. The red line plots the Growth of infrastructure since 2000; the blue line plots the ability of software to manage this combover the past 15 years, we have seen a Unique trend emerge in managing infrastructure–increasing complexity. Oddly enough, it began with the mainstream adoption of virtualization and has rapidly accelerated since the introduction of cloud computing .When an organization struggles with cloud computing – whether it is due to stability, cost, performance, security or the many plexity. The gap between the red and blue lines is known as the Complexity Gap, where chaos can reign and cloud initiatives fail.

Prof. Ashish Jain
LNCT-MCA Bhopal

Workshop on Cyber Security

Lakshmi Narain College of Technology-MCA, Bhopal has organized an expert talk on "Cyber Security and Windows Hacking" on 28th April 2022 for BCA and MCA students. The talk was delivered by Mr. Rahul Mishra, Cyber Security Expert, Innovative Ideas Info-Tech. In this session, he gave the idea about ATM card cloning & related frauds, UPI-related frauds, Windows Hacking, Mail Spoofing, etc. He also discusses some latest case studies which are based on Cyber Crime. The event was coordinated by Dr. Alka Gulati and Dr. Kavita Kanathey.

The key to success is to focus our conscious mind on things we desire, not things we fear.

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Seminar

Seminar on Digital Banking and Financial Inclusion with India Post Payment Bank, GOI for Internship on 18-06-2022. Keynote speakers: Mr. Pankaj Rai, Madhya Pradesh Circle Officer, India Post Payment Bank, DOP, INDIA and Mr. Mohit Manocha, Sr. Branch Manager, India Post Payment Bank, DOP, INDIA.

"Discipline is doing what needs to be done, even if you don't want to.

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Seminar

One day Seminar is organized on JAVA Interfaces, Classes and Web Development on 10-06-2022 (Friday). Key note speaker Mr. Shailesh Pawar, Project Manager, Ypsilon IT Solutions Pvt. Ltd., Indore.

"Once a new technology rolls over you, if you're not part of the steamroller, you're part of the road."

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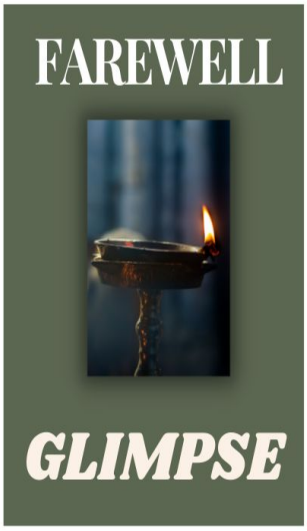
Farewell Party



“If you have the power to make someone happy, do it. The world needs more of that.

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Farewell Party

"Technology should improve your life.... not become your life."

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Farewell Party

"Technology should improve your life.... not become your life."

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MCA Students : Second Convocation

“The secret of getting ahead is getting started”

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Expert Talk

Expert talk on “How to Introduce Yourself Before The Interview Committee” & Certificate Distribution Ceremony for achievers of different activities held in Academic Session 2021-22.

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Certificate Distribution

"When you know what you want, and want it bad enough, you'll find a way to get it"

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MCA Student Glimpse (Batch 2020-2022)

"When you know what you want, and want it bad enough, you'll find a way to get it"

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Photo Gallery

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY - MCA

Photo Gallery

"When you know what you want, and want it bad enough, you'll find a way to get it"

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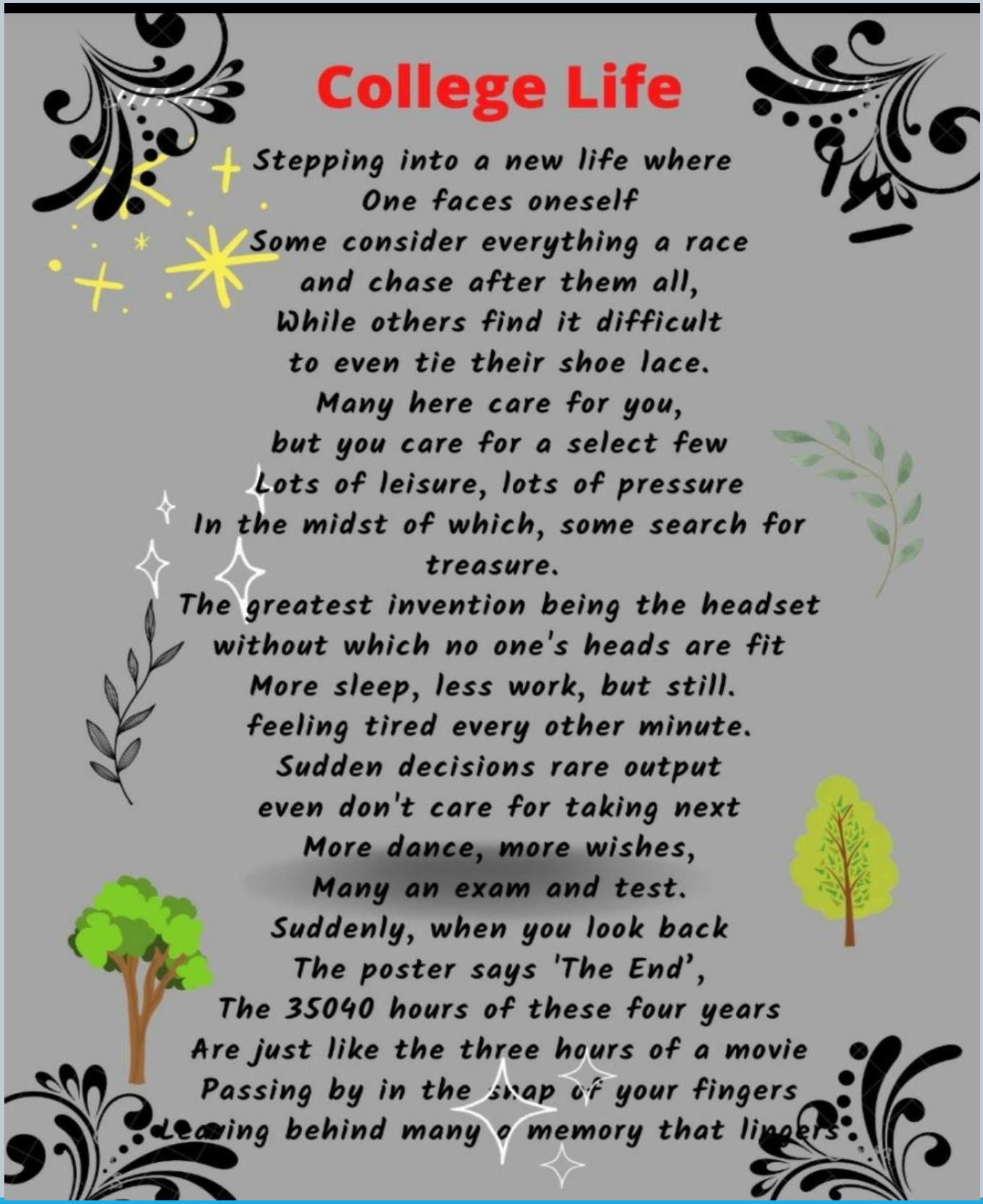
RGPV Examination Result, Topper Achievers


College Life
Stepping into a new life where
One faces oneself
Some consider everything a race
and chase after them all,
While others find it difficult
to even tie their shoe lace.
Many here care for you,
but you care for a select few
Lots of leisure, lots of pressure
In the midst of which, some search for
treasure.
The greatest invention being the headset
without which no one's heads are fit
More sleep, less work, but still.
feeling tired every other minute.
Sudden decisions rare output
even don't care for taking next
More dance, more wishes,
Many an exam and test.
Suddenly, when you look back
The poster says 'The End',
The 35040 hours of these four years
Are just like the three hours of a movie
Passing by in the snap of your fingers
Leaving behind many a memory that lingers.

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Thank You

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