



Magazine

October-December 2022



INSPERIA



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



**LNCT GROUP OF COLLEGES
FOURTH 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 Postgraduate 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.

Blessings from the Desk of Director LNCT Group of Colleges

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Shri. J.N. Chouksey

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Director, LNCT-MCA

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Prof. Rohit Singh

Navigating Change: Leadership in the Digital Age

The digital age has ushered in an era of limitless possibilities and unforeseen challenges. It has revolutionized the way we teach, learn, and connect. In this ever-evolving landscape, leadership takes on a profound significance. It's about inspiring curiosity, fostering digital literacy, and empowering each member of our college community to embrace the rapid changes that define our world.



Smt. Pooja Chouksey
Director, LNCT Group of Colleges,
Bhopal

As an institution, we recognize that leadership extends beyond the classroom and the campus. It's about equipping our students with the skills and knowledge they need to thrive in a digitally driven society. It's about our faculty members pioneering innovative teaching methods and research that shape the future. It's about our supporters and partners collaborating with us to make a meaningful impact.

In this special edition of our magazine, "Navigating Change: Leadership in the Digital Age," we delve into the strategies, insights, and inspiring stories that illuminate our path forward. Articles explore the integration of cutting-edge technology into our curriculum, the role of leadership in shaping our college's future, and how we are preparing our students to be leaders in a digitally transformed world. Through these pages, we aim to provide you with the knowledge and inspiration needed to lead effectively in this digital age. We proudly showcase the journeys of our students and faculty who have embraced change and harnessed technology to excel in their fields. As we navigate this transformative journey together, let us remember that leadership is not just about adapting to change; it's about driving positive change. With your support and dedication, we can continue to lead the way in technology education, empowering our students to become the innovators, problem-solvers, and leaders of tomorrow.

Thank you for being a part of our vibrant community and for embracing the challenges and opportunities that the digital age presents. Together, we can chart a course toward a brighter, more technologically advanced future. I wish you all the very best!

"Every sunrise is a new opportunity to rewrite your story and chase your dreams."

The Art of Student Management at LNCT (MCA)

As the Director of LNCT MCA, I am privileged to witness the dynamic journey of our students as they transform into skilled professionals ready to conquer the IT realm. At the heart of this transformation lies a robust student management system that propels our institution towards excellence. Student management at LNCT MCA isn't just about administrative processes; it's a holistic approach aimed at fostering growth, both academically and personally. Our system is designed to empower students, providing them with a conducive environment to thrive in their chosen fields.



Dr. Sanjay Bajpai
Director
LNCT-MCA, Bhopal

One key aspect is personalized mentorship. We understand that each student is unique, with distinct aspirations and challenges. Our faculty acts as mentors, guiding students on academic choices, research pursuits, and career paths. This one-on-one interaction ensures that no student's potential goes unnoticed. Beyond academics, LNCT MCA emphasizes holistic development. Our range of extracurricular activities, clubs, and workshops allow students to explore their interests beyond the classroom. From coding competitions to hackathons, we provide platforms for students to showcase their talents and sharpen their skills.

In the age of digitalization, our student management leverages technology to enhance communication and transparency. Through a dedicated online portal, students can access course materials, track their progress, and communicate with faculty seamlessly. This digital ecosystem prepares them for the tech-driven workplaces they'll soon enter. Furthermore, we recognize the importance of mental well-being. Our counseling services provide students with a safe space to address personal and academic challenges. A balanced mind is essential for academic success, and we strive to ensure that our students feel supported every step of the way.

At LNCT MCA, student management isn't just a process; it's a commitment to nurturing the leaders and innovators of tomorrow. Our approach fosters a sense of belonging, empowers individual growth, and paves the way for students to excel not only academically but also as responsible members of society.

In essence, the art of student management at LNCT MCA is about sculpting not just professionals, but well-rounded individuals who are ready to make their mark in the world.

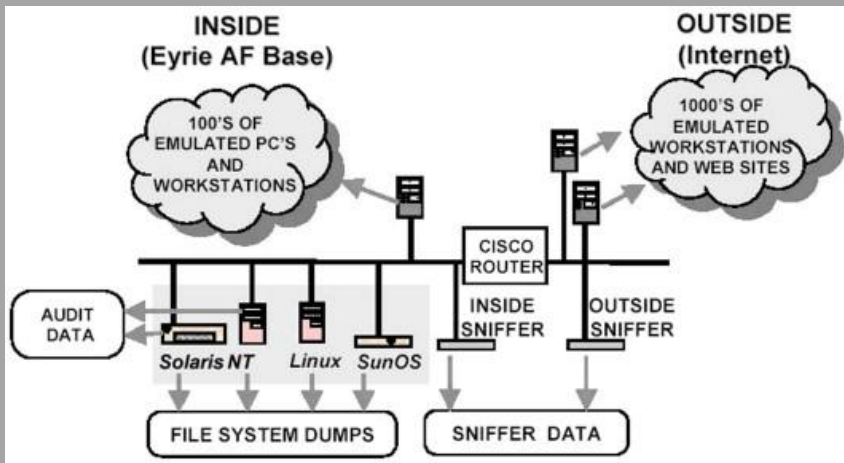
A Hybrid Intrusion Detection System for Botnet attack with Data Technique

A difficult problem in the realm of intrusion detection systems (IDS) is estimating the progress made in the identification of malicious code. Machine learning IDS training is dependent on the datasets provided, but gathering a valid dataset for comparison is difficult. To begin with, it is difficult to compare datasets since there is no standard approach for doing so, and also because there aren't any ground-truth labels or publicly available or real-world environment traffic, among other things.



Prof. Neelu Singh

LNCT-MCA BHOPAL



Furthermore, only a few statistics reflect the current state of network traffic, which is almost exclusively encrypted for the sake of communication security and privacy. In the proposed system, a dataset is employed that satisfies both the content and the process requirements. The hybrid system for intrusion detection using data approach was introduced in the suggested study. Cybercrime is committed by a malicious node that can be identified by these tools.

The goal of this research is to identify the most relevant and useful attributes for inclusion in a new IDS dataset. An approach for producing optimal ensemble IDS is devised in order to meet the goal. Information Gain (IG), Gain Ratio (GR), Symmetrical Uncertainty SU, Relief-F (R-F), One-R (OR) and Chi Squared are utilised and compared (CS). Techniques that use feature selection produce a list of the features that have been prioritised.

For each of the four classification methods, we trained three other models on three different datasets for scanning and DDoS attacks and compared their performance with the proposed approach. In comparison to other trained models, the results of the experiments show that the proposed approach is more effective in preventing and detecting botnet attacks.

"Challenges are the stepping stones to success."

Talent Hunt MCA

LNCT MCA organized a Talent Hunt Competition for 1st Year, MCA students. The purpose of the event was to explore students' latent talents and inculcate the values of discipline among them. Our students participating enthusiastically in the competition and mesmerized audiences with their skills and abilities in the fields of music, dance, drama, and arts. The participants mesmerized the audience with their lilting voice, rhythmic moves, and singing expertise. It was an experience of tremendous admiration and worth appreciating.





DEPARTMENT OF COMPUTER APPLICATION ORGANIZES TALENT HUNT AT 23 SEPTEMBER.



Department of Computer Application Organizes Talent Hunt at 23 September.







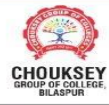




Department of Computer Application Organizes Talent Hunt at 23 September.



Department of Computer Application Organizes Talent Hunt at 23 September.



World Pharmacist Day 2022

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"Find joy in the ordinary moments of life."

ANUGAM 2022-23

Welcome New Entrants to the LNCT Family !!

To Welcome you all in LNCT Family an Orientation Program is organized at [LNCT](#) Campus, Raisen Road, Bhopal so that you can understand the Family Culture.

We are excited to have you here and believe you will enjoy your time with us.



ANUGAM

STUDENTS ARE CORDIALLY INVITED IN THE
ORIENTATION PROGRAMME

MCA 1ST YEAR STUDENTS ADMITTED IN THE ACADEMIC
YEAR 2022-23

DATE:-02/11/2022(WEDNESDAY)
TIME:-10:30 AM - 01:00 PM
VENUE:-S-21 (LNCTS NEW BLOCK)
LNCT CAMPUS, RAISEN ROAD
BHOPAL

NOTE:OCCUPY YOUR SEATS BY 10:00 AM

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"Dream big, work hard, stay focused, and never give up."

SEMINAR ON WEB AND MOBILE APP

Seminar on Web and Mobile APP using REACT for MCA 1st semester, 1st year students on 17-11-2022. Keynote speaker is Mr. Kamlesh Rathore (Director), Mildstone Software Pvt. Ltd., Bhopal.

Seminar objective is to be aware about Mobile application development. It has become a booming industry, which has made it an essential factor in the success of any business. Since it makes it easier for customers to stay connected, get details faster, and remain updated with their favorite offers.



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COMPUTER APPLICATION DEPARTMENT

2022

WEB AND MOBILE APP
SEMINAR
ON REACT
MCA 1ST SEM
FRIDAY 18-11-2022

Director :- Dr. Sanjay Bajpai
Coordinator:- Prof Rohit Singh
Venue:-LNCTE Auditorium
Time:-2:30to 4:45pm

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Extempore competition



LNCT GROUP OF COLLEGES
"WORKING TOWARDS BEING THE BEST"

Lakshmi Narain College of Technology

Department of Computer Application
Extempore Competition

Director : Dr. Sanjay Bajpai

Faculty Coordinators :
Dr. Virendra ku Tiwari

Date: 29th November, 2022
Time:- 02:40 PM at (S-21) LNCTS AUDITORIUM

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"Kindness is the language that everyone understands."

Alumni Meet 2022

Connecting the Past & Present !!

Glimpses of Alumni Meet 2022- Reconnect, Remember & Reminisce.



"Your actions today shape your destiny tomorrow."

AAGMAN-2022 - Fresher's Party will be a blast !!

Fresher's Party is a happening of fun, frolic and fun! School of Computer Application, LNCT -MCA Bhopal Organizing Fresher's Party for welcome newly admitted Students 2022-2024 Batch on 31 December 2022 at LNCTE Auditorium



"Success is the sum of small efforts repeated daily."

Global Service Desk Professional Training in association with NIIT Foundation and powered by DXC Technology

LNCT Group Training & Placement Department Organised the Global Service Desk Professional Training in association with NIIT Foundation and powered by DXC Technology.

Mr. Shubhamoy Mandal facilitated training for students from MCA programs enabling students with Industry ready skills and expertise.

Some Glimpses of the Certification and Award ceremony.



"Choose optimism, and life will respond in kind."

Achievements

Lakshya Agnihotri (1st Year-MCA)

He is participated in RPGV STATE level taekwondo tournament and got poomsae individual event: gold medal, Poomsae group event : gold medal.



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WORKING TOWARDS BEING THE BEST

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ANNIVERSARY
PROGRESS IN EDUCATION

Congratulations!

LAKSHYA AGNIHOTRI

MCA 1ST YEAR

RGPV STATE LEVEL TAEKWONDO POOMSAE EVENT 2022

GOLD MEDAL

IN TAEKWONDO POOMSAE EVENT

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"The only limit to your potential is the one you place on yourself."

Achievements

Himanshu Pathak (1st Year-MCA):-

"Participated in Droproball, State level championship and got Gold medal"

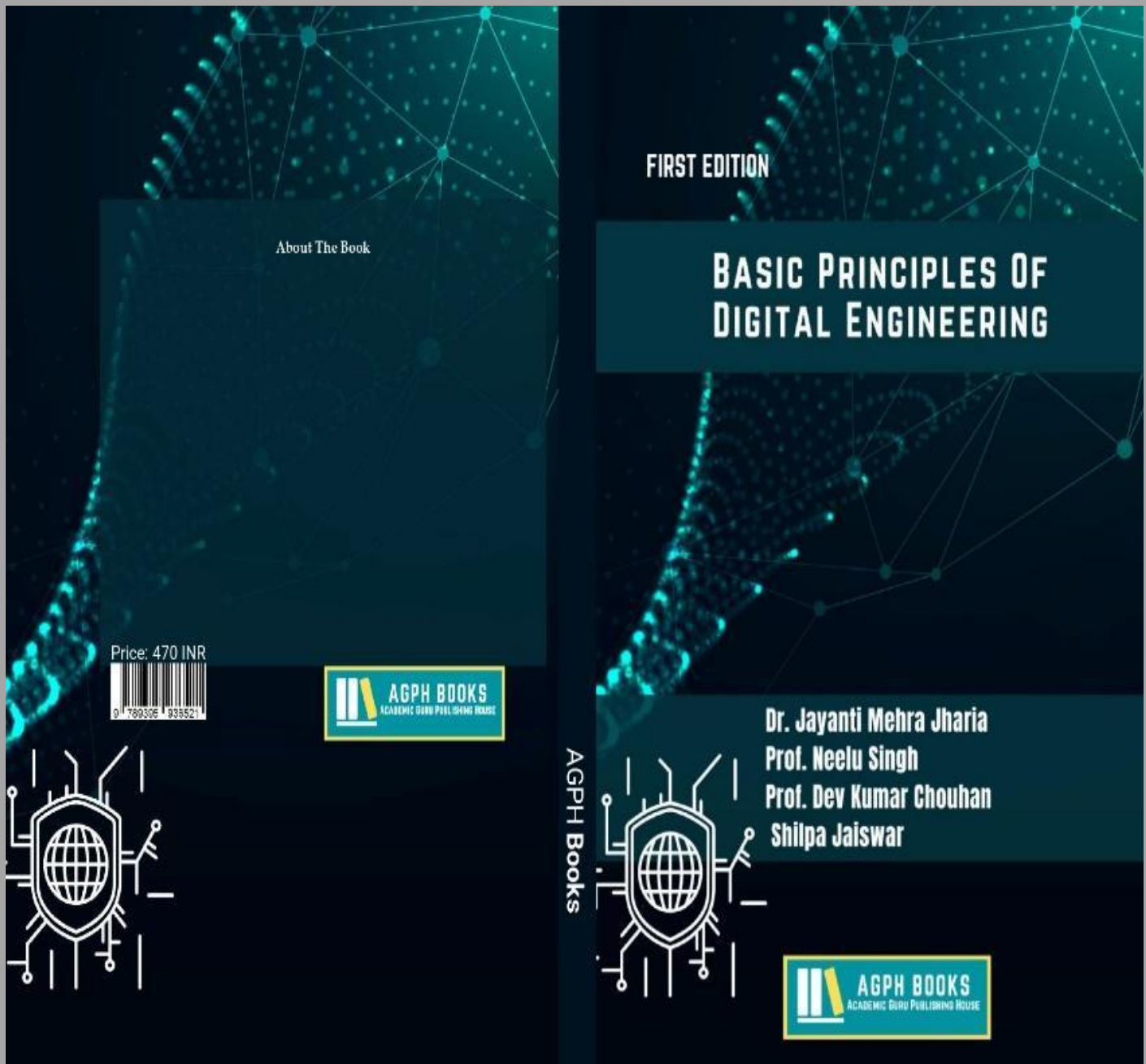
I will acknowledge the fact that my opponent does not expect me to win, but I will never surrender. Weakness will not be in my heart. I will look to my comrades and to those who are a part of me in this world and those who have trained me, and I will draw strength from them. Who am I? I am a champion.



"Your attitude determines your altitude in life."

Faculty Achievements

Book published by Dr. Jayanti Mehra, Prof. Neelu Singh, Prof. Dev Kumar Chouhan, Prof. Shilpa Jaiswar, LNCT-MCA Bhopal, Title is Basic Principles of Digital Engineering.



Faculty Achievements



"Happiness is not a destination; it's a way of life."



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Thank You

Lakshmi Narain College of Technology-MCA