Magazine

July-September 2022

"INSPERIA"

www.lnctmca.in

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY-MCA
BHOPAL

LNCT GROUP OF COLLEGES

THIRD 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 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.

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY - MCA

Blessings from the Desk of Vice-Chairperson LNCT Group of Colleges

Education in India has made tremendous strides since independence but continues to face formidable challenges on multiple levels, particularly in terms of quality, infrastructure and dropout rates. We have islands of excellence buoyanting in a sea of mediocrity. It's all about the total personality development with etiquettes, ethics, and patriotism where one can contribute to family, society and the nation.

Smt. Poonam Chouksey
Vice-Chairperson
LNCT Group of Colleges

LNCT was established in 1993 almost three decades of excellence in Education with the aim to fulfil all these objective and continuous efforts are put-forth through extracurricular activities, cultural activities, and tech fest etc. I hope, this magazine will certainly motivate all the students to take active parts in all the activities. I congratulate all the students along with foreign students who paved all the way for the exotic beginning of their careers at LNCT. I convey my best wishes to all the members of editorial board for contributing their best to release this edition of magazine.

Wish you all a very Happy Diwali.

"Weaknesses are just strengths in the wrong environment."

How to Prepare for Personal Interview

It is one of the personal and sophisticated question-answering interaction among recruiters and candidates. One of the very simple question that is asked in almost all the interviews, and that is, "Tell something about yourself". In response to this, most of the candidates start narrating all those things which are already mentioned in the resume. You have to be aware of the fact that before you enter the cabin/room for the interview, your resume is already sent to interviewers and they have gone to it thoroughly. Now it is very basic and common sense type of question that one can ask to himself or herself that if recruiter is asking to tell something about yourself, does s/he really wants to listen the same thing from your mouth which is already mentioned in your resume. Can't the members of recruiting team read your resume. Yes of course, they can and they have gone through it.

Dr. Sanjay Bajpai
Director
LNCT-MCA, Bhopal

Now, it clearly indicates that they want to listen something extra, something different which is not mentioned in your resume. We have to be aware of the fact that we only write formal things in the resume so while answering this question we should tell those things which are not mentioned in the resume but possesses the qualities that are to be highlighted or that are related to the working environment. It may include health issues, likings, dis-likings, habits, about your personality, some points related to SWOT analysis etc. Interviewers try to seek within you and want to know in detail about you so that they can judge whether you can fit in their environment or not. Here, you have to be very smart in disclosing about yourself avoiding very personal things so that objective of personal interview is fulfilled and you are able to gain the faith of interviewers. The process of personal interview cannot be automated and answer of same questions will vary from person to person. So, it has to be answered according to yourself only. During a personal interview, it's crucial to strike a balance between sharing relevant information that's not on your resume and maintaining a professional demeanor. Here are some additional insights about myself that are not mentioned in my resume but may be relevant in a professional context Remember, the key to a successful personal interview is to be authentic and professional while sharing information that helps the interviewer understand you better, beyond what's stated in your resume. Tailor your responses to the specific role and company you are interviewing for to demonstrate your suitability for the position and organization.

"Nothing is impossible. The word itself says 'I'm possible!'"

5G In India, Bands and Supported Smartphones

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.

Dr. Virendra Kumar Tiwari
HOD & PROFESSOR
LNCT-MCA, BHOPAL
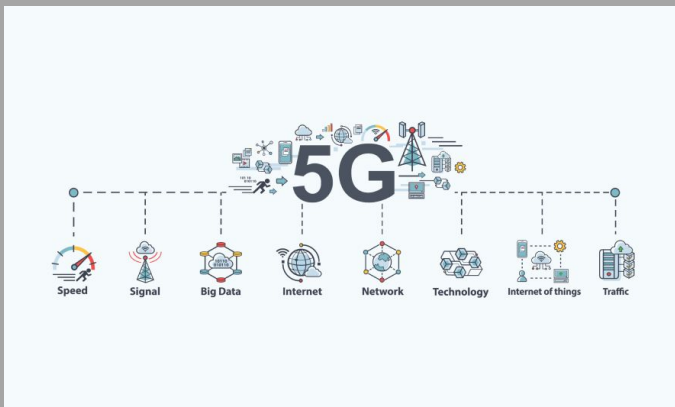
Furthermore, only a few statistics reflect the current state of network traffic, which is almost exclusively encrypted for the sake of communication security and privacy. In the proposed system, a dataset is employed that satisfies both the content and the process requirements. The hybrid system for 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.

Student Corner

Technology has impacted almost every aspect of life today, and education is no exception. So, what do you think, how education became possible at the time of tragic pandemic? It has been possible only because of the technology. However, in many ways, technology has profoundly changed education. For one, technology has greatly expanded access to education.

Toshi Shukla
MCA-3 SEM

In medieval times, books were rare and only an elite few had access to educational opportunities. Individuals had to travel to centres of learning to get an education. Today, massive amounts of information (books, audio, images, videos) are available at one's fingertips through the Internet, and opportunities for formal learning are available online worldwide. Opportunities for communication and collaboration have also been expanded by technology. The walls of the classrooms are no longer a barrier as technology enables new ways of learning, communicating, and working collaboratively.

Schools and universities across the country are beginning to redesign learning spaces to enable this new model of education, foster more interaction and small group work, and use technology as an enabler. Technology is a powerful tool that can support and transform education in many ways, from making it easier for teachers to create instructional materials to enabling new ways for people to learn and work together. With the worldwide reach of the Internet and the ubiquity of smart devices that can connect to it, a new age of anytime anywhere education is dawning. It will be up to instructional designers and educational technologies to make the most of the opportunities provided by technology to change education so that effective and efficient education is available to everyone everywhere.

"Keep your face always toward the sunshine, and shadows will fall behind you."

Department of Computer Applications organized Contest on Web Page Design on 08-08-2022. Coordinators Prof. Mahesh Bagwani & Prof. Ripusoodan Sharma.

ACTIVITY

Department of Computer Applications organized Mobile Photography Competition on 22-08-2022. Coordinators Prof. Shilpa Jayiswar, Prof. Saumya Kaushik.
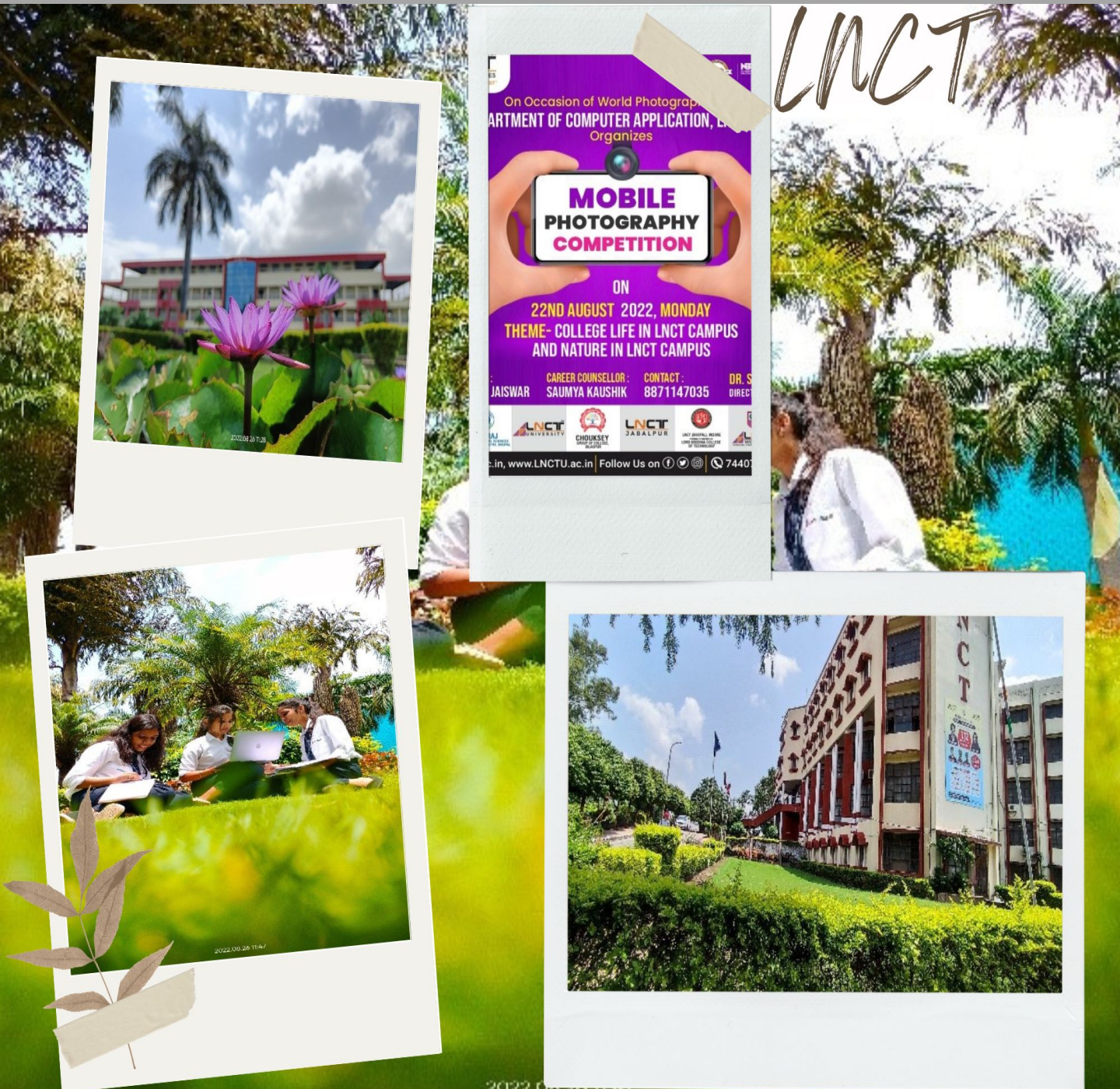
"Learning how to be still, to really be still and let life happen—that stillness becomes a radiance.""

Debate

Mr. Akash Dubey and Ms. Riya Negi participated in the event Debate on the topic "*Development is responsible for Environmental Imbalance*" conducted at Vihar Vithika Van Vihar National Park, Bhopal on 04-10-2022.

MCA -TOPPERS - 2022

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

Master of Computer Applications

RGPV EXAMININATION RESULT-II SEM OVERALL TOPPERS, JUNE 2022

CONGRATULATION ACHIEVERS

S. No	NAME	Enrollment No.	CGPA	S.No.	NAME	Enrollment No.	CGPA
1	SAKSHI KUMARI	0103CA211168	8.8	5	DISHA KALBHOR	0103CA211057	8.4
2	PURUSHOTAM TELANG	0103CA211141	8.67	5	KOMAL SHIKHA	0103CA211091	8.4
3	DEEPAK SINGH PARIHAR	0103CA211051	8.53	5	RUPALI SINGH	0103CA211164	8.4
3	JIVANSHU SHRIVASTAVA	0103CA211079	8.53	6	ANKIT	0103CA211024	8.27
3	NITYA KUMARI	0103CA211118	8.53	6	KAVISHA PATEL	0103CA211086	8.27
3	SHAILESH KUMAR YADAV	0103CA211175	8.53	6	PRACHI GARG	0103CA211131	8.27
4	SONAM GUPTA	0103CA211188	8.47	6	RITIKA BHASIN	0103CA211157	8.27

B.Tech. | M. Tech. | Diploma | B.Pharma | M. Pharma | D. Pharma | MBA | MCA | BCA | BBA | B.Com. Ph.D | MBBS | BDS | BAMS | BHMS | Nursing | MDS | MD/MS

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

PLACEMENT -RECORD

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

MASTER OF COMPUTER APPLICATIONS

PLACEMENT RECORDS, BATCH-JUNE, 2022

CONGRATULATIONS STUDENT

S. NO	NAME	OPTED COMPANY	LPA	S. NO	NAME	OPTED COMPANY	LPA
1.	ATISH KUMAR SHARMA	TRIDENT	9.0	8.	LOVELY ANAND	ACCENTURE (HP)	6.5
2.	PAWAN KUMAVAT	TRIDENT	9.0	9.	AMAR NATH DIXIT	ACCENTURE (HP)	6.5
3.	HIMANSHU GUPTA	XORIANT	8.0	10.	SWATI SHREE KANUNGO	TCS	6.0
4.	DEEPESH SINGH	CAPGEMINI (HP)	7.5	11.	DEVAYUSH BAJAJ	CODITAS	6.0
5.	NARENDRA KUSHWAHA	COGNIZANT GENCNEXT	6.75	12.	AMIT PRATAP	AMDOCS	5.2
6.	ANKIT SINGH MEHRA	COGNIZANT GENCNEXT	6.75	13.	SHARAD SONI	AMDOCS	5.2
7.	UDAY GUPTA	COGNIZANT GENCNEXT	6.75	14.	SHIVANGI TYAGI	AMDOCS	5.2

B.Tech. | M. Tech. | Diploma| B.Pharma | M. Pharma | D. Pharma | MBA | MCA | BCA | BBA | B.Com. Ph.D | MBBS | BDS |BAMS | BHMS | Nursing | MDS | MD/MS

"The secret of getting ahead is getting started"

Thank You

Lakshmi Narain College of Technology-MCA