



Lingaya's Lalita Devi Institute of Management and Sciences

Department of Computer Applications

Newsletter
October 2025

Teachers Day Celebration

Lingaya's Lalita Devi Institute of Management & Sciences celebrated Teachers Day with great enthusiasm and reverence on September 3, 2025. The event was organized to honor the invaluable contribution of teachers who shape minds and build the future of our nation.

The celebration commenced with a warm welcome of all faculty members, followed by students expressing their gratitude through heartfelt speeches and creative performances. The highlight of the event included cultural programs featuring dance, music, and skits that beautifully depicted the student-teacher bond.

Students took the initiative to organize fun-filled activities and games for the faculty, bringing smiles and creating memorable moments. Several faculty members were felicitated for their outstanding dedication and excellence in teaching, inspiring the entire academic community.

The event concluded with the Director Dr. Pranav Mishra's address, emphasizing the pivotal role teachers play in nurturing talent and building character. The celebration was a perfect tribute to the spirit of Dr. Sarvepalli Radhakrishnan, whose birthday is commemorated as Teachers Day.

The day reinforced the strong bond between students and teachers at Lingaya's Lalita Devi Institute, reflecting the institution's commitment to academic excellence and holistic development.



Tashanbaaz 2025

LLDIMS had the privilege of hosting Tashanbaaz 2025 in collaboration with Red FM, graced by the presence of RJ Swati and the Red FM team. The event was filled with enthusiasm, talent, and creativity as students showcased their performances.

🏆 **Winners of Tashanbaaz 2025 at LLDIMS:**

Swag Performers: Tarandeep Singh (BCA) & Devika (BCA)

Angel Star: Radhika (B.Ed)

Aspire Ki Awaaz: Sahil (B.Com)

Finalists: Atul Soni (BAJMC) & Jyoti (B.Ed)

We are proud to share that Atul Soni and Jyoti will now represent LLDIMS in the Tashanbaaz 2025 finals, competing against participants from other colleges.

The event truly highlighted the spirit and talent of our students while creating unforgettable memories with Red FM and RJ Swati.



Fresher's Party 2025

The Fresher's Party at Lingaya's Lalita Devi Institute of Management & Sciences was a vibrant celebration welcoming the new batch of students to campus life. The event brought together freshers and seniors in an atmosphere filled with excitement and camaraderie.

The evening featured a mix of cultural performances, music, and dance that showcased the diverse talents of students. Seniors organized fun games and ice-breaking activities to help newcomers feel at home and forge new friendships.

A highlight of the event was the Mr. and Ms. Fresher competition, where enthusiastic participants displayed their confidence and creativity through various rounds. The fashion walk, talent rounds, and Q&A sessions kept the audience thoroughly entertained.



Fresher's Party 2025

The party also included a DJ session that had everyone on the dance floor, creating memorable moments for the new students. Refreshments and dinner were arranged, allowing students to socialize in a relaxed setting.

The event successfully achieved its goal of making freshers feel welcomed and helping them transition smoothly into their academic journey. It marked the beginning of what promises to be an enriching experience at the institute, fostering bonds that will last throughout their time at Lingaya's.

The celebration concluded with seniors sharing words of wisdom and encouragement, reminding freshers to make the most of their college years both academically and personally.



Academic Collaboration Between Lingaya's Lalita Devi Institute of Management & Sciences and Middlesex University, Mauritius

Date: October 3, 2025

Dear Students, Faculty, Staff, and Stakeholders,

We are pleased to inform you that **Lingaya's Lalita Devi Institute of Management & Sciences, New Delhi** has entered into an academic collaboration with **Middlesex University, Mauritius**.

Purpose of Collaboration

This strategic partnership has been established to foster academic progress and excellence at both institutions. The collaboration aims to:

- 1: Enhance educational quality and international exposure for students
- 2: Facilitate faculty exchange and research collaborations
- 3: Promote knowledge sharing and best practices in management and sciences
- 4: Create opportunities for joint academic programs and initiatives
- 5: Strengthen institutional capabilities through mutual support

Benefits

This tie-up will provide our students and faculty with access to international standards of education, research opportunities, and a broader academic network. Both institutions are committed to leveraging this partnership for the advancement of higher education.

Further details regarding specific programs, exchange opportunities, and implementation timelines will be communicated in due course.

For any queries, please contact the undersigned.

Atul Sharma, Associate Professor

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Building Futures Through Global Academic Excellence

October 2025

- Gandhi Jayanti Celebration
- Project Demonstrations by Bca 3rd year
- Diwali Mela
- Seminar on Ethical Hacking
- computer awareness for junior staff by Bca Department
- Sport Meet (GGSIPU)

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 Gandhi Jayanti Celebration ✨	3	4
5	6	7	8	9	10 Project Demonstrations by bca 3 rd year ✨	11
12	13	14	15	16	17 Diwali Mela ✨	18
19	20	21	22	23	24 Seminar on Ethical Hacking ✨	25
26	27 Computer awareness for junior staff by BCA department ✨	28	29 Sports Meet (GGSIPU) ✨	30 Sports Meet (GGSIPU) ✨	31 Sports Meet (GGSIPU) ✨	

1st Semester Syllabus

3rd Semester Syllabus

5th Semester Syllabus

Subject - Web Technologies

UNIT – II

Cascading Style Sheet: Types of Style Sheets – Internal, inline and External style sheets, creating styles, link tag, CSS Properties, CSS Styling, Style Selector- Id, class name and Pseudo Class.

Bootstrap Basics: Introduction to Bootstrap, Responsive web design, Linking with Bootstrap, container class, grids, tables, images, buttons, typography classes, jumbotron, glyphs, icons,

Subject - Python Programming

UNIT – II

Mutable and Immutable objects:

List: creating, initializing, accessing, slicing, and traversing List. List operations: length, concatenation, repetition, in, not in, max, min, sum, all, any. List methods: append, extend, count, remove, index, pop, insert, sort, reverse and introduction to sets

Tuples: Tuple operations, functions- tuple, count, index.

Dictionary: Dictionary operations, functions- get, update, copy. Deletion in dictionary.

Subject - Operating System & Linux Programming

UNIT - II

Processes: Process Concept, Process Scheduling, Operation on Processes CPU Scheduling: Basic Concepts, Scheduling Criteria, Scheduling Algorithms Process Synchronization: Background, The Critical-Section Problem, Semaphores solution to critical section problem Process related commands in Linux: ps, top, pstree, nice, renice and system calls

Subject- Mathematical Foundation For Computer Science

UNIT - II

INTERPOLATION: Operators: Shift; Forward Difference, Backward Difference Operators and their Inter-relation, Interpolation Formulae-Newton's Forward, Backward and Divided Difference Formulae: Lagrange's Formula

SOLUTIONS OF NONLINEAR EQUATIONS: Bisection Method, False Position Method, Newton – Raphson Method for Solving Equation Involving One Variable only.

Subject - Dynamic Web Designing

UNIT - II

Working with Files: Opening and Closing Files, creating directories and files, Reading and Writing to Files, file inclusion, file uploading and downloading, Getting Information on Files.

Object Oriented Features: Classes and Objects, Building Classes, Access Modifiers, Reusability, Constructors, Destructor, Inheritance, Overloading, Overriding, Abstract Class, Final Class, Interfaces

Exception Handling: Try, catch and throw, Creating custom Exception class

Subject - Computer Graphics

UNIT - II

Cohen- Sutherland Algorithm, Cyrus-Beck Algorithm Geometrical Transformations 2D Transformations, Homogeneous Coordinates and Matrix Representation of 2D Transformations, Composition of 2D Transformations, Window-to-Viewport Transformation, Introduction of Matrix Representation of 3D Transformations of translation, scaling and rotation (without derivation).

Subject - Writing Skills

UNIT - II

Note Making, Notice, E-mail Writing,

Writing Letters: Business letters, Persuasive letters- Sales letters and complaint letters

Office memorandum, Good news and bad news letters

Report Writing: Definition & importance; categories of reports, Elements of a formal report, style and formatting in report

Subject - Computer Organization and Architecture

UNIT - II

Sequential Circuits: Latch, S-R,D,J-K,T, Clocked Flip-flop, Race around condition, Master slave Flip-Flop, Realisation of one flip-flop using another flip-flop.

Shift Registers Serial-in-serial-out, serial-in-parallel-out, parallel-in-serial-out and parallel-in-parallel-out.

Counters Ripple counter, Synchronous Counter, Modulo Counters.

Subject : Cloud Computing

UNIT – II

Cloud Computing Architecture-Introduction – Internet as a Platform, The cloud reference model - Types of clouds - Economics of the cloud, Computing platforms and technologies, Cloud computing economics, Cloud infrastructure - Economics of private clouds - Software productivity in the cloud - Economies of scale: public vs. private clouds.

Subject - Understanding India

UNIT - II

Science, Technology and Medicine: A general survey of the progress of science, technology and medicine in ancient India The Knowledge System of India: Traditional Knowledge System: Gurukuls, Pathshalas, Tols, Maktabas, Madrasas

Beginnings of Modern Education: Main features of British Government's educational policies Growth of higher and technical education in India

Subject - Discrete Mathematics

UNIT - II

PROPOSITIONAL LOGIC: Introduction, Proposition, First order logic, Basic logical operations, truth tables, tautologies, contradictions, Algebra of Propositions, logical implications, logical equivalence, predicates, Universal and existential quantifiers.

Methods of Proof: Direct Proof, Indirect Proof, Proof by Exhaustive Cases, Principle of Mathematical Induction.

Subject - Machine Learning with Python

UNIT – II

Supervised learning Algorithms: Decision Trees, Tree pruning, Rule-based Classification, Naïve Bayes, Bayesian Network. Support Vector Machines, k-Nearest Neighbor, Ensemble Learning and Random Forest algorithm

Subject - Programming for Problem Solving Using C

UNIT - II

C Functions: Functions: declaration, definition & scope, recursion, call by value, call by reference. Preprocessor directive: #define, macros with arguments, nested macros, # and ## operators. Storage Classes: automatic, external (global), static & registers. Arrays: Arrays (1D, 2D), strings, Pointers: Pointers Basics, pointer arithmetic, Pointer to Pointer, array & pointer relationship, array of pointers, pointers to functions and returning pointers, Dynamic memory allocation.

Subject – Principles of Management & Organizational Behaviour

UNIT - II

Planning: Meaning, Purpose, Types & Process; Organizing: Process, Departmentation, Decentralization; Staffing: Concept, Nature & Importance of Staffing; Directing: Meaning; Controlling: Nature, Importance & Process of control; Relationship among Planning, Organizing, Staffing, Directing and Controlling.

Subject : Web Security

UNIT – II

Internet and Web Application Security: Email security (PGP and SMIME), Web Security: Web authentication, Injection Flaws, Programming Bugs and Malicious code, XSS and SQL Injection, Memory corruption exploits, Web Browser Security, E-Commerce Security

Subject- fundamental of Information Technology

UNIT - II

Computer Software: System software: Assemblers, Compilers, Interpreters, linkers, loaders. Application Software: Introduction to MS Office (MS-Word, MS Power point, MS-Excel). **Operating Systems:** Elementary Operating System concepts, Different types of Operating Systems. **DOS:** Booting sequence; Concepts of File and Directory, Types of DOS commands.

Subject – Human Value and Ethics

UNIT - II

Harmony at Various Levels: Understanding the Human being as coexistence of the self with the Body; Harmony in the family - Understanding values in human-human relationships; Harmony in the Society - Understanding Universal Human Order; Harmony in Nature.

Subject - Web Development with Java & JSP

UNIT - II

Introduction to Java EE Web Component: Overview of Servlet, Servlet Life Cycle, Types of Servlet, HTTP Methods Structure and Deployment descriptor Servlet Context and Servlet Config interface, State Management: client and server side, JDBC Programming: JDBC Architecture, Types of JDBC Drivers, Introduction to major JDBC Classes and Interface, Creating simple JDBC Application, Database operations using JDBC, Types of Statement (Statement Interface, Prepared Statement, Callable Statement), Exploring Result Set Operations.

Academic Collaboration

Subject: Partnership with Expert Faculty for Specialized Courses

We are pleased to announce that **Lingaya's Lalita Devi Institute of Management & Sciences, New Delhi** has successfully established an academic collaboration with highly qualified expert faculty members to enhance our educational offerings.

Key Highlights:

Specialized Subjects:

- 1: **Mathematics** – Advanced mathematical concepts and applications
- 2: **Web Technologies** – Contemporary web development and digital solutions

Purpose: This strategic partnership aims to provide our students with industry-relevant knowledge and cutting-edge expertise in these specialized areas, ensuring they receive the highest quality education aligned with current market demands.

Benefits for Students:

- 1: Access to experienced subject matter experts
- 2: Enhanced learning outcomes in specialized domains
- 3: Industry-aligned curriculum delivery
- 4: Improved career readiness and practical skills

This initiative reflects our continued commitment to academic excellence and our dedication to providing world-class education to our students.

Building Excellence in Education

Mrs. Madhvi Jha

Newsletter Coordinator

Mr. Atul Sharma

HoD BCA

Dr. Pranav Mishra

Director LLDIMS