



**PRAHLADRAI DALMIA LIONS COLLEGE
OF COMMERCE & ECONOMICS
ISO 21001: 2018 Certified**

Date: 27th February, 2026

NOTICE

**BSc. (Computer Science)
ATKT Internal Examination NEP Semester I March, 2026**

INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS:

1. Submission of the Projects, Date & Time of Viva Voce- **14th March, 2026 at 9:00 am in T3 classroom.**
2. Students have to be present in person for the submission.
3. Internal project topics are also uploaded on the college website.
4. Submission of projects or assignments to be done on proper A4 size paper, handwritten by the candidate himself only. The Front page should contain details of Roll no, Name of the student, Semester, Subject.
5. Print out of the questions uploaded should be attached along with the project.
6. Student should also enclose a photocopy of the ATKT fee paid receipt along with each of his projects.
7. On the date of submission there will be a viva voce on the given questions/topics.
8. If the student fails to present himself on the given date and time he will be marked **ABSENT** for the said subject.
9. Any Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.

Dr. Sneha Hathi
In Charge Co Ordinator

CA. Durgesh Kenkre
Exam Convener

Ms. Subhashini Naikar
Vice-Principal - SFC

Prof. (Dr.) D. N. Ganjewar
Principal

DI/R-IPS/EXAM/00

**Internal Question Bank for ATKT Internal Examination
March, 2026 FBSc.CS Semester I**

Subject: Computer Science Practical 1

Roll No. 112 (GUPTA ANANT)

1. Verify truth tables of basic logic gates using logic trainer kit.
2. Implement Boolean expression using logic gates.
3. Simplify Boolean function using K-Map and implement circuit.
4. Insert 5 records into Student table and Update marks of a student.
5. Using Student table Write SQL queries to:
 - i) Display all records.
 - ii) Display only Name and Marks.

Roll No. 115 (JAIN DAKSH)

1. Design and verify Half Adder using logisim.
2. Design and verify Multiplexer and De-Multiplexer.
3. Create table Employee with:
EmpID (Primary Key)
Name (Not Null)
4. Using Sales table (SaleID, Product, Amount):
 - i) Find total sales amount.
5. Simplify the Boolean expression using Boolean laws: $A + A'B$

Roll No. 130 (PANDEY JYOTISWAROOP)

1. Verify SR flip-flop using logisim and write the truth table.
2. Design JK flip flop with its truth table.
3. Design an ER diagram for a **College Management System** with the following details: Course (CourseID, CourseName, Credits)
4. Define Boolean Algebra. State De Morgan's Theorems.
5. Perform the following operations:
 - i) Add a column Address to Employee table.
 - ii) Rename table Employee to Staff.

Roll No. 139 (SHAIKH FAISAL)

1. Using Sales table (SaleID, Product, Amount):
 - i) find average sales.
 - ii) Count number of products.
2. Design and verify Full Adder using logisim.
3. Create a table Employee with 10 records in it.
4. Create a query to display names of the Employees whose salary > 1500.
5. Design D-flip flop and write its truth table.

Roll No. 141 (SHAIKH REHAN)

1. Explain 1NF, 2NF and BCNF.
2. Explain different addressing modes with 8086 examples.
3. Explain instruction cycle with diagram.
4. Explain register organization of 8086.
5. Create a query to demonstrate TCL commands.

Subject: Introduction to Programming with Python

Roll No. 134 (SAROJ ADITYA)

1. Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.
2. Write a function that reverses the user defined value.
3. Write a function to check the input value is Armstrong and also write the function for Palindrome.
4. Write a recursive function to print the factorial for a given number.
5. Write a program that takes two lists and returns True if they have at least one common member.

Subject: Statistics with R Programming

Roll No. 139 (SHAIKH FAISAL)

Bring the completed journal at the time of submission. Viva will be conducted during the submission process.

Roll No. 141 (SHAIKH REHAN)

Bring the completed journal at the time of submission. Viva will be conducted during the submission process.

Subject: Communication Skills in English I

Roll No. 134 (SAROJ ADITYA)

1. Difference between Verbal and Non-Verbal Communication
2. Short note on non-verbal communication
3. Features of Effective Writing Skills
4. Characteristics of an Effective Speech
5. Effective Listening Skills

Roll No. 138 (SHAIKH MUSKAN)

1. Difference between Hearing and Listening
2. What is skimming and scanning
3. Letter writing - Job application to an international company
4. Introducing oneself in a formal situation
5. Applications for duplicate college I-card after misplacing it in a month.

Subject: Indian Constitution

Roll No. 134 (SAROJ ADITYA)

1. Explain the features of the Indian Constitution
2. Discuss with examples where Judicial Activism has led to significant legal or social changes.
3. Write a detailed note on the powers of the High Court of India.
4. Write a note on Constituent Assembly. Elaborate on the key elements of the Constitution of India.
5. 2.Explain the various freedoms guaranteed under Article 19 of the Indian Constitution. Discuss their scope and limitations with the help of relevant case laws.



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