



PRAHLADRAI DALMIA LIONS COLLEGE
OF COMMERCE & ECONOMICS

ISO 9001: 2015 Certified

NOTICE

Date: 19/03/2024



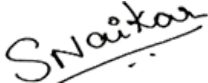

B.Sc. (Information Technology)

**ATKT Internal/Practical Examination April' 2024
Semester IV**

**INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS /
PRACTICALS**

1. The viva voce will be conducted offline.
2. Date of Submission of the Project 2nd April, 2024 at 11.00 A.M. in the computer lab.
3. Students must write their Internal/practical ATKT project in their own handwriting on A4 size foolscap paper. On top of every page a student has to write his/her Complete Name, Program (Dept.), Semester, Roll no., Class and Contact No.
4. Student has to attach a photocopy of questions allotted to him/her along with his answers.
5. Students have to attach an ATKT fee payment receipt along with his/her project.
6. On the date of submission, there will be a viva voce for which the student has to present himself/herself, failing which he/she will be marked absent.
7. Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.

Note: For any query mail to: bscit@dalmialionscollege.ac.in

			
<u>Ms. Rupali Mishra</u>	<u>CA. Durgesh Kenkre</u>	<u>Ms. Subhashini Naikar</u>	<u>Prof. (Dr.) D. N. Ganjewar</u>
<u>(Coordinator - BSc IT)</u>	<u>Exam Convener</u>	<u>Vice- Principal, SFC</u>	<u>(Principal)</u>

DI/R-IPS/EXAM/00



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Semester IV (Internal Exam)

SUBJECT : COMPUTER GRAPHICS & ANIMATION

Roll No	QUESTIONS
214	<ol style="list-style-type: none">1. List and explain the types of Projection.2. Differentiate between Raster Scan and Random Scan Display.3. Define following terms - Implicit Curve, Explicit Curve, Transformation4. Explain DDA and Bresenham's Line Drawing Algorithm.

Semester IV (Practical Exam)

SUBJECT : COMPUTER GRAPHICS & ANIMATION

Roll No	QUESTIONS
219	<ol style="list-style-type: none">1. WAP to implement bresenham's Circle drawing Algorithm.2. WAP to translate the given object.

SUBJECT : CORE JAVA

Roll No	QUESTIONS
219	<ol style="list-style-type: none">1. WAP to get the series of 1st 10 Prime numbers.2. WAP to demonstrate Multiple Inheritance and Runtime Polymorphism.
265	<ol style="list-style-type: none">1. WAP to demonstrate Multilevel Inheritance and Compile Time Polymorphism.2. WAP to display the Fibonacci series upto first 20 terms.

SUBJECT : EMBEDDED SYSTEMS

Roll No	QUESTIONS
231	<ol style="list-style-type: none">1. To study the working of Temperature sensors using Arduino.2. To detect smoke/fire using Gas sensor.