



PRAHLADRAI DALMIA LIONS COLLEGE
OF COMMERCE & ECONOMICS
ISO 9001: 2015 Certified

NOTICE

Date: 27/03/2023

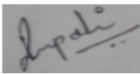



B.Sc. (Information Technology)

**ATKT Internal/Practical Examination March' 2023
Semester II & 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 5th April, 2023- at 1 P.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

			
Prof. Rupali Mishra	Prof. Durgesh Kenkre	Prof. Subhashini Naikar	Dr. Kiran Mane
(Coordinator)	(Exam convener)	(Vice- Principal, SFC)	(I/c Principal)

DI/R-IPS/EXAM/00

Semester II

Note : Write the answer with Aim, Code, and Output screenshot.

Subject :Green Computing (Practical)

111	Create a project on recycling
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Subject : Numerical Statistical Methods (Practical)

Note : Write the answer with Aim, Code, and Output screenshot.

Roll no 113	
<p>Q1. Write a Scilab program to solve algebraic and transcendental equation by bisection method.</p> <p>Q2. Write a Scilab program for Newton's forward interpolation.</p> <p>Q3. Write a Scilab program for solving linear system of equations using Gauss Jordan method.</p>	

Subject : Numerical Statistical Methods (Internal)

Roll No 111	<ol style="list-style-type: none">1. Compute $x = \frac{1}{3}$ Where x value is rounded upto 4 decimal places, find the absolute and relative errors in x. Consider Correct value of x upto 6 decimal places.2. Find the error value of $e^{0.7}$ of the Taylor series for the first five terms.3. Obtain the root of $f(x) = xe^x = 1$ using the Bisection method.4. Solve Graphically Max $Z = 20x + 40y$ Subject to $5x + 8y \leq 40$ $x \leq 4$ $y \leq 3$ $x, y \geq 0$
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Semester IV

Subject : Software Engineering (Practical)

Roll No	
225	<ol style="list-style-type: none">1. Explain a data flow diagram with an example. (Write Definition, symbols used and 1 example)2. Explain ATM machine example with respect to State transition machine (Write Definition, symbols used and 1 example)

Subject : Software Engineering (Internal)

Roll No	
265	<ol style="list-style-type: none">1. What are the steps involved in requirements engineering processes2. Explain in detail the risk management.3. Explain Unified Modelling Language4. Explain agile methods with an example.5. Write short note on black box testing

Subject : Core java (Practical)

Roll No	
265	<ol style="list-style-type: none">1. Write a Java program that takes a number as input and prints its multiplication table upto 10.2. Find the smallest and largest element from the array