



Prahladrai Dalmia Lions College Commerce & Economics
(Government Aided & Affiliated to University of Mumbai & AICTE, New Delhi)
NAAC Re-accredited with 'A' Grade (III Cycle) ISO 21001:2018 Certified
University of Mumbai Recognised Research Centre in Accountancy, Commerce & Business Economics
A Government Approved Hindi Linguistic Minority Institute

ATKT SEMESTE IV

Internal Examination Oct., 2026.

BSc.(Information Technology), NEP BATCH DATE - 6/10/2026

INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS:

1. **Date of Submission of the Projects- 9th October, 2026 (Timings 11:30 am sharp)**
2. **Reporting time for students: at least 10 minutes before the mentioned time. Venue: 2nd floor staff room). Please meet Mr. Prathamesh.**
3. **Students have to be present in person for the submission.**
4. **Submission of projects 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. Students should also enclose a photocopy of the ATKT fee paid receipt along with each of his projects.**
6. **On the date of submission there will be a viva voce on the given questions/topics.**
7. **If the student fails to present himself on the given date and time he will be marked ABSENT for the said subject.**
8. **Any Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.**
9. **Note: If students have any discrepancies in the below mentioned questions or any queries related to same need to meet Dr. Rupali Mishra on or before 08 October, 2026 (by 11 am).**

Dr. Rupali Mishra

(Coordinator - BSc.IT)

CA. Durgesh Kenkre

Exam Convener

Ms. Subhashini Naikar

Vice- Principal, SFC

Prof. (Dr.) D. N. Ganjewar

(Principal)

SYBSc.I.T. SEMESTER IV ATKT INTERNAL PROJECT QUESTIONS

NOTE: Students shall attempt any five questions out of the same as per their subjects allocated and in which they have ATKT only in internals

1. Mobile Programming (Flutter and Dart), Practical

1. Install the Flutter SDK, run `flutter doctor`, and create a "Hello, World!" app. Modify the app title and primary colour in `MaterialApp`.
2. Write Dart programs to add two numbers entered by the user, check whether a number is odd or even using `if-else`, and demonstrate a `switch-case`.
3. Write a Dart program that prints a multiplication table using a `for` loop. Create a `StatelessWidget` that displays a greeting message.
4. Build a Flutter app using a `Column` of multiple `Text` widgets and a `Row` of three buttons.
5. Create an app using `Scaffold` with an `AppBar`, `body` and `FloatingActionButton`. Add a counter using `StatefulWidget`.
6. Create a `TextField` that accepts input and displays it in a `Text` widget. Design a `Container` with custom padding, margin and colour.
7. Use `Stack` to overlay text on an image. Build a responsive UI using `MediaQuery`.
8. Create a login form with `TextFormField` for username and password, with validation so the fields are not empty.
9. Implement navigation between two screens using `Navigator`. Create a `Drawer` with three menu options.
10. Fetch and display data from a public API using the `http` package and a `FutureBuilder`. Also use `AnimatedContainer` or `FadeTransition` for a basic animation.

2. Introduction to Communication Skills in English II (Sem IV)

1. Explain appropriacy in the use of English. Distinguish between American and British English with examples.
2. What are Indianisms and Indian English? Give examples and discuss their acceptability.
3. What is an elevator pitch? Draft a 60-second elevator pitch about yourself.
4. Explain the modes and types of interviews (job, entrance, panel, telephonic, video).
5. Explain the skills involved in reading critically. How do you rewrite a passage from a defined perspective?
6. Explain the listening skills of predicting content, making inferences and taking notes.
7. What are the elements of group discussion? List the language functions used (initiating, agreeing, disagreeing, interrupting, summing up) with sample sentences.
8. How should a candidate prepare for a job or entrance interview? Explain researching the organization and responding to questions.
9. Write a formal email applying for admission to a college, and another registering a complaint about a service.
10. Write an activity/event report on a college seminar, or a short speech for a given occasion.

3. Co-Curricular (Sem IV)

Note: Write any 10 questions from CC question bank of Sem IV

4. Community Engagement Project

Note: Provide CEP report conducted by you
