

No. KITS/Acad/Circular/2025/518

Date: 16.10.2025

Office of Dean, Academic Affairs

// Attention all the students of B. Tech III Semester //

CIRCULAR

Subject: End Semester Examination (ESE) – Programming Skill Development, OOPJ, Python, and Advanced Data Structures Laboratories for III Semester Students – Reg.,

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All III semester students are hereby informed that the End Semester Examination (ESE) for the following laboratories will be conducted as per the following details:

S.No.	Name of the laboratory	Branches
1.	Programming Skill Development Laboratory	All branches
2.	Object Oriented Programming through Java (OOPJ) Laboratory	B.Tech. CSE, CSE (AI&ML), CSE (DS), CSE (N), CSE (IoT), IT, EEE, ECI, ECE
3.	Python Programming Laboratory	ME, CE
4.	Advanced Data Structures Laboratory	B.Tech. CSE, CSE (AI&ML), CSE (DS), CSE (N), CSE (IoT), IT

1. Schedule

- **Examination Week:** Final week of the semester – Nth Week
- **Duration:** 120 minutes
- **Total Marks:** 40 marks

2. Examination Structure

A. Objective Questions – 10 Marks

- 5 to 10 questions comprising a mix of **1-mark and 2-mark** items
- Designed to assess **conceptual understanding** and **theoretical knowledge** of programming concepts and data structures in the respective courses

B. Programming Questions – 30 Marks

- **Three (3) programming questions** will be given
- Students are required to attempt **all three** questions
- **Evaluation will be based on the best two out of three programs**, each carrying **15 marks**
- **Test cases** will be provided for each problem
- Marks will be awarded based on:
 - Number of test cases passed
 - Code correctness, logic, and efficiency
 - Proper use of C/DS programming constructs

Note:

The programming questions will be designed to ensure coverage across the syllabus:

- **At least one question** will be from topics covered during **Weeks 1-5**
- **At least one question** will be from topics covered during **Weeks 6-10**

All students are advised to prepare well covering **entire course content**, including both theory and practical aspects. For any clarifications, contact your course faculty

Students must take the Lab ESE on Neo Browser enabled systems only in their respective laboratories.



Dean, Academic Affairs

To

- (1) *All the HoDs with a request to circulate among students of B. Tech III Semester*
- (2) *Fi-Web team with a request to upload the circular onto the institute web portal*

Copy to,

- (i) PA to the Principal
- (ii) The Registrar
- (iii) The CoE
- (iv) AAC
- (v) Academic Section - Stack file