

Tentative Course Details - Monsoon semester 2023-24

CS4097D OBJECT ORIENTED SYSTEMS LABORATORY

(The instructor reserves the right to adjust the syllabus when required)

Course Instructors :

Anu Mary Chacko	(email: anu.chacko@nitc.ac.in)
Joe Cheri Ross	(email: joe@nitc.ac.in)
Santosh Behera	(email: skbehera@nitc.ac.in)
Dakshinamurthy Gudipalli	(email: dakshinamurthy_p210046cs@nitc.ac.in)
Mohit Dewangan	(email: mohit_m220280cs@nitc.ac.in)
Meegada Bhavan Kumar Reddy	(email: meegada_m220266cs@nitc.ac.in)
Vaibhav Prabhakar Raibole	(email: vaibhav_m220250cs@nitc.ac.in)
Mallikarjun Gundla	(email: mallikarjun_m220279cs@nitc.ac.in)

Course Slot :

Fri 2PM - 5PM

Evaluation Scheme :

Assignment Submission - 10, Quiz 10, Mini Evaluations - 20, Major Evaluations - 60

Grading Policy:

- **Grading will be absolute.**
- Absence without prior permission from the instructor will be equivalent to zero marks in the corresponding evaluation.
- Late submissions of assignments are not permitted without prior permission.
- All issues regarding evaluation must be resolved within one week after the marks are announced
- No makeup unless for genuine reasons
- Attendance is mandatory.

Course Schedule:

Aug 4	Java Language Basics	Assignment
Aug 11	Introduction to Object Orientation: Objects, Access Specifiers, Constructors, Collection of Objects	Assignment
Aug 18	Encapsulation, Inheritance	Mini Evaluation, Assignment
Aug 25	Inheritance	Assignment
Sep 1		Major Evaluation, Assignment
Sep 8	Abstraction: Interfaces, Abstract class, Abstract method	Assignment

Sep 29	Polymorphism: Method overloading, Method overriding	Mini Evaluation, Assignment
Oct 6	Polymorphism	Assignment
Oct 13		Major Evaluation, Reading Assignment
Oct 27	Design Patterns	Quiz, Assignment
Nov 3	Design Patterns	Assignment
Nov 10		Major Evaluation
Nov 17	Buffer	