

Department of Computer Science and Engineering
National Institute of Technology Calicut
Tentative Course Plan- Winter 2023
CS2094D DATA STRUCTURES LABORATORY
(Fourth Semester B. Tech CSE)

Lecture:

Lecture Hours : P1(CS 02 & CS 04)& P2 01 & CS03)Slots

Online Lectures/Resources/Submissions through :NITC Eduserver (CS2094D Data Structures Laboratory)

Enrollment Code : 9gphni

Instructors:

Name	Dr. Lijiya A	Dr Jimmy Jose	Dr A Sudarshan Chakravart hy	Dr Renjith P	Dr. Pranes h Das	Dr. Raju Hazari	Dr Anil Pinapati	Dr Anand Babu N B
Office	CSE10 2		MB-209D		ECLC Block, 1st floor	ECLC Block, 1st Floor		
Telephone	0495-2 286815	0495 -228 6812			0495-2 286865	0495-22868 32		
Email	lijiya@nitc.ac.in	jimmy@nitc.ac.in	sudarshan.annadanam@nitc.ac.in	renjith@nitc.ac.in	praneshdas@nitc.ac.in	rajuhazari@nitc.ac.in	anilpinapati@nitc.ac.in	anandbabu@nitc.ac.in

Adhoc Faculty

Name	Dr Arif Ali A P
Office	MB209E
Email	arifali@nitc.ac.in

Teaching Assistants:

PhD

Haritha B R, Binu Jose A, Vivek M R, Shabana A. T, Abhishek Singh, Alphy George, Dakshinamurthy Gudipalli, Seema Yadav, Sneha C. P, Vijaya Lode

MTech

Abhinav Sudanshu, Chetna Raghav, Dameera Tharun, Devender Yadav, Divyanshu Verma, Hankare Vikaram Deepak, Kunal Pal, Kurdukar Atharv, Lakkimsetty Satya, Megha ghosh, Mohamed Facil T R, Piyush Abhishek, Pulkit Joshi, Saritha A V,

Evaluation Scheme:

Assignment Submissions: $10 * 4 = 40$

Submission : 7

Quiz : 3

Tests : $20 * 3 = 60$

Tentative Schedule

Sl	Date	Activity	Topics
1	09/01/2023	Introductory Lecture	Simple Data Structures, Practice Problems
2	16/01/2023	Practice Lab, Assignment1	Binary Tree, BST (Assignment1)
3	23/01/2023	Practice Lab	
4	30/01/2023	Assignment1 Evaluation, Assignment2	AVL Tree, Red-Black Trees, Hash Table (Assignment2)
5	06/02/2023	Test 1	
6	13/02/2023	Assignment2 Evaluation, Assignment3	Mergeable Heaps, Disjoint Sets (Assignment3)
7	20/02/2023	Practice Lab	
8		MID SEM	
9	06/03/2023	Practice Lab	
	13/03/2023	Practice Lab	

10	20/03/2023	Assignment3 Evaluation, Assignment4	Graph Algorithms(Assignment4)
11	27/03/2023	Test2	
12	03-04-2023	Assignment4 Evaluation	
13	10-04-2023	Test3	
14	17-04-2023	Buffer Lab	

Grading Policy:

- Grading will be absolute.
- The institute regulations with respect to attendance would be strictly adhered to

Standard of Conduct:

Violations of academic integrity will be severely penalized. Each student is expected to adhere to high standards of ethical conduct, especially those related to cheating and plagiarism. Any submitted work **MUST BE** an individual effort. Any academic dishonesty will result in zero marks in the corresponding exam or evaluation and will be reported to the department council for record keeping and for permission to assign **F** grade in the course. The department policy on academic integrity can be found at: <http://minerva.nitc.ac.in/cse/sites/default/files/attachments/news/Academic-Integrity.pdf>