

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

(An Autonomous Institute under VTU)

Doddaballapur Main Road, Avalahall, Yelahanka, Bengaluru - 560064

Department of Information Science and Engineering

Open Course on “Programming for IT career”

Venue: Linus Torvalds Lab, 3rd floor, BSN block

Date: 12th to 16th June 2023

Time: 8.30 am to 4.30 pm

In association with Coding Crib



Abstract of the Course:

The knowledge of DSA is tested significantly in the **technical hiring** process of many companies. This is because the problems that these companies encounter daily are quite huge and complex, and they want to hire smart people who will solve these tasks within minimal time and the least number of resources. Advanced knowledge of Data Structures and Algorithms is a clear indicator of the person's capabilities in solving complex problems in minimal time. Why do companies interview or focus on data structures and applications instead of language or framework or tools? Algorithms make use of different problem solving techniques and programming paradigms to solve various computer science problems, software developers also have to make the right decisions when it comes to solving the problems of these companies. The interviewers are more interested in seeing how candidates use correct data structures to solve a problem.

Faculty Coordinators: Prof. Vinutha K, Dr. Harish Kumar, Dr. Karthik S A

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Registration details: <https://projects.bmsit.ac.in>

Registration Fee Details: ₹400/-

1. Login into: <https://bmsitm.gnums.in>
2. Go to Menu Fee->other Fee
3. Select the Fee Head as Open Course fee and pay Rs.400/-

Note: Kind Request to all the participants to bring your Laptops

Department of ISE

**Course Schedule: (Programming for IT Career)
2022-2023**

Sl No.	Date	Topics covered		Topics covered		Topics covered	Assessment and Feedback
		8:30 to 10:30 am	10:30 to 10:50 am	10:50 to 12:50 pm	12:50 to 1:50 pm	1:50 to 4:00 Pm	4:00 to 4:30 pm
1	12.06.2023	Inauguration and Basics of Data Structure	TEA BREA K	Arrays (Hands on)	LUNCH BREAK	Strings (Hands on)	Quiz and Feedback
2	13.06.2023	Stacks(Hands on)		Queues(Hands on)		Linked list(Hands on)	Quiz and Feedback
3	14.06.2023	Linked list(Hands on)		Trees(Hands on)		Trees(Hands on)	Quiz and Feedback
4	15.06.2023	Graphs(Hands on)		Linear Programming(Hands on)		Hashing(Hands on)	Quiz and Feedback
5	16.06.2023	Mock Interview		Mock Interview		Mock Interview+ Valedictory	Quiz and Feedback