



RV Educational Institutions

RV Institute of Technology and Management
Bangalore– 560076

Department of Computer Science and Engineering

Event Name	Advanced Data Structures and Algorithms
Date	11 th , 12 th , 13 th November 2025
Venue	First Floor Seminar Hall
Audience	3 RD SEM CSE
Resource Person	Saran Kirthic S
Faculty Coordinator:	Nayana H J, Madhuri H D

Objective of the Program:

1. Introduce students to the basic concepts of data structures such as arrays, linked lists, stacks, queues, trees, and graphs.
2. Explain the importance of choosing the right data structure for solving specific problems efficiently
3. Enable students to implement common data structures using programming languages (like C, C++, or Java).
4. Introduce concepts of time and space complexity to evaluate the efficiency of data structure operations.

Outcomes:

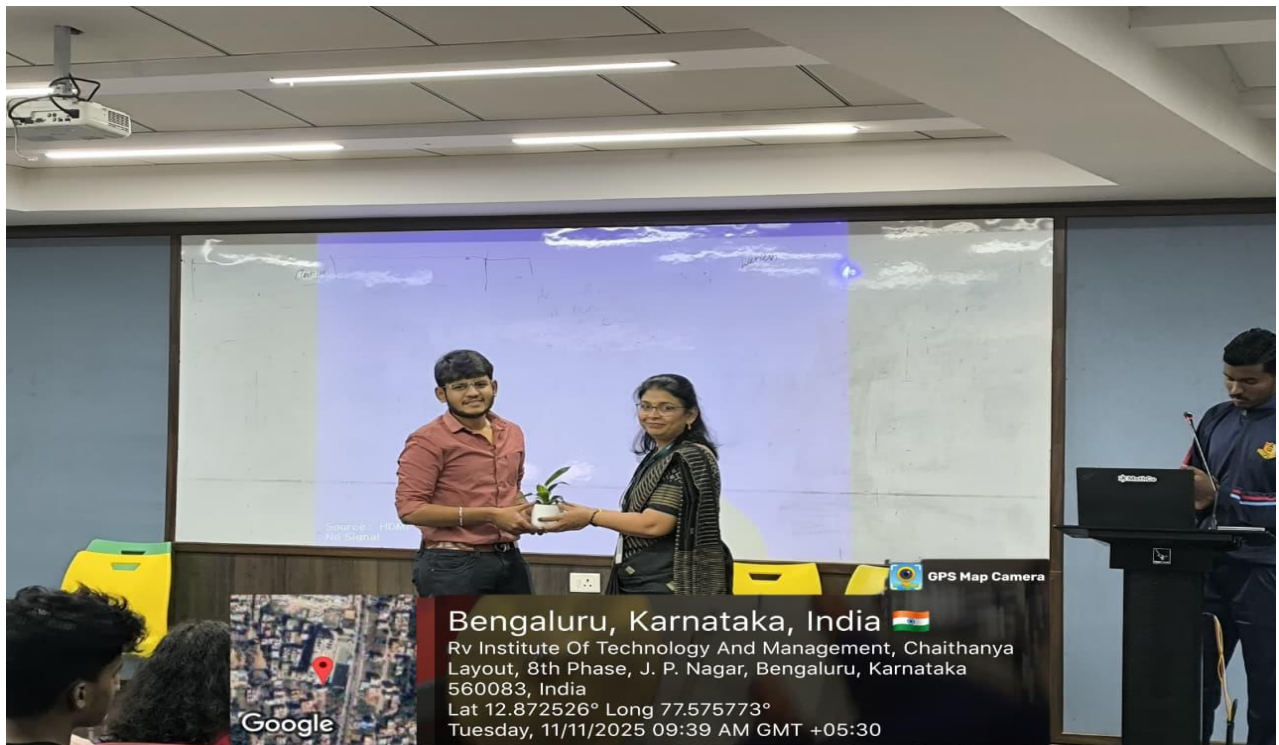
1. Students will gain a solid understanding of fundamental data structures and their uses in solving computational problems.
2. Students will be capable of applying data structures to real-world scenarios, mini-projects, or advanced courses like algorithms, databases, and software development.
3. This workshop is usefull for the placements

Feedback:


The workshop provided a clear understanding of fundamental data structures such as arrays, linked lists, stacks, queues, trees, and graphs. It helped me learn how to choose the right data structure for efficient problem-solving and also improved my ability to implement them using programming languages like C, Python. The sessions on time and space complexity were useful for evaluating performance. Overall, the workshop was very helpful for strengthening core concepts, supporting mini-projects, advanced courses, and boosting placement preparation.

Conclusion:

The workshop successfully strengthened my understanding of fundamental data structures and their practical applications. It enhanced my problem-solving skills, coding ability, and preparedness for advanced courses and placements, making it a highly valuable learning experience.





Bengaluru, Karnataka, India 
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 GPS Map Camera



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HOD's Signature

Coordinator Signature