



RV Educational Institutions

RV Institute of Technology and Management

Bangalore– 560076

Department of Computer Science and Engineering

Event Name	Algorithmic Thinking and Problem Solving
Date	27 th and 28 th October 2025
Venue	UG Seminar Hall
Audience	5 th Semester Students of CSE
Resource Person	Dr. Subramanya
Faculty Coordinator:	Dr. V R Srividhya

Objective of the Program:

The overall objectives of the workshop are to equip participants with a strong foundation in algorithmic problem-solving skills. It aims to develop algorithmic thinking, enabling learners to break down complex challenges into logical and manageable steps. The workshop also focuses on problem modeling, guiding participants in transforming real-world situations into well-structured computational problems. Another key objective is to help learners identify and choose the most appropriate algorithm design techniques based on the nature of the problem. Finally, the workshop emphasizes developing and analyzing algorithms to ensure they are efficient, correct, and optimized for performance. Through these goals, participants will gain practical skills to design effective solutions and enhance their overall competence in algorithm development.

Outcomes:

The workshop outcomes include developing strong analytical, problem-solving, and critical-thinking skills essential for tackling complex tasks. Participants will gain a solid understanding of various algorithm design techniques and learn to apply them for systematic solution development. They will also be able to evaluate solutions for correctness and efficiency, ensuring optimal performance. Additionally, the workshop fosters teamwork, enabling participants to collaborate effectively, share ideas, and build team-working skills that are valuable in academic and professional environments.

Feedback:

The workshop was highly informative and well-structured, effectively bridging theoretical knowledge with practical applications. Participants gained valuable insights into algorithmic thinking and problem-solving techniques. Interactive sessions and collaborative activities enhanced understanding and encouraged active participation.

Conclusion:

Overall, the workshop successfully achieved its objectives and delivered meaningful learning outcomes. It strengthened participants' analytical and teamwork abilities while providing essential skills in algorithm design and evaluation. The program proved to be a productive and enriching experience for all attendees.



Dr. V R Srividhya
Coordinator's Signature

Dr. Hema M S
HOD's Signature

Dr. Malini M Patil
Dean's Signature