We Make You Shine

# St. JOSEPH'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI - 119

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## ACADEMIC YEAR 2024-2025

## ODD SEMESTER

## INNOVATIVE TEACHING

| | |
|---|---|
| **NAME OF PEDAGOGY USED** | Animated Video |
| **BRANCH/YEAR/SEM/SEC** | CSE/II/III/D |
| **SUBJECT CODE & NAME** | CS4301/Data Structure & Algorithm - I |
| **TOPIC** | Singly Linked List |
| **DATE/PERIOD/TIMING** | 17.09.2024/ 9th /01:40 PM to 02.20 PM |
| **DESCRIPTION** | A singly linked list is a fundamental data structure in computer science, commonly used for dynamic memory allocation, efficient insertion, and deletion operations. Singly linked lists are versatile and widely used in programming due to their flexibility and efficiency in dynamic memory management. While they have some limitations, such as lack of random access, their ability to grow and shrink dynamically makes them invaluable in many computational applications. |

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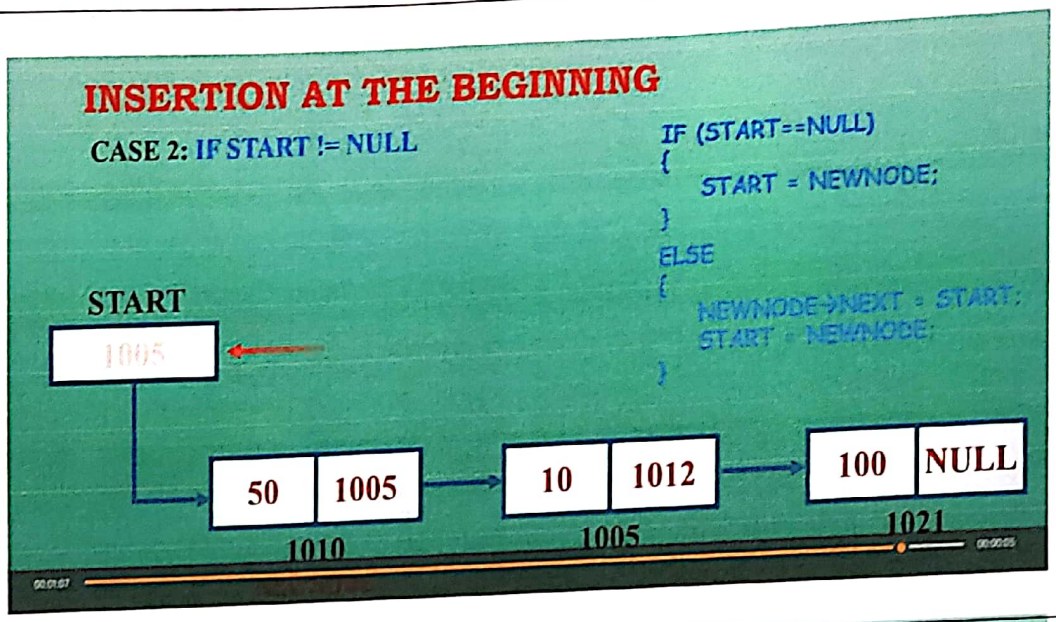
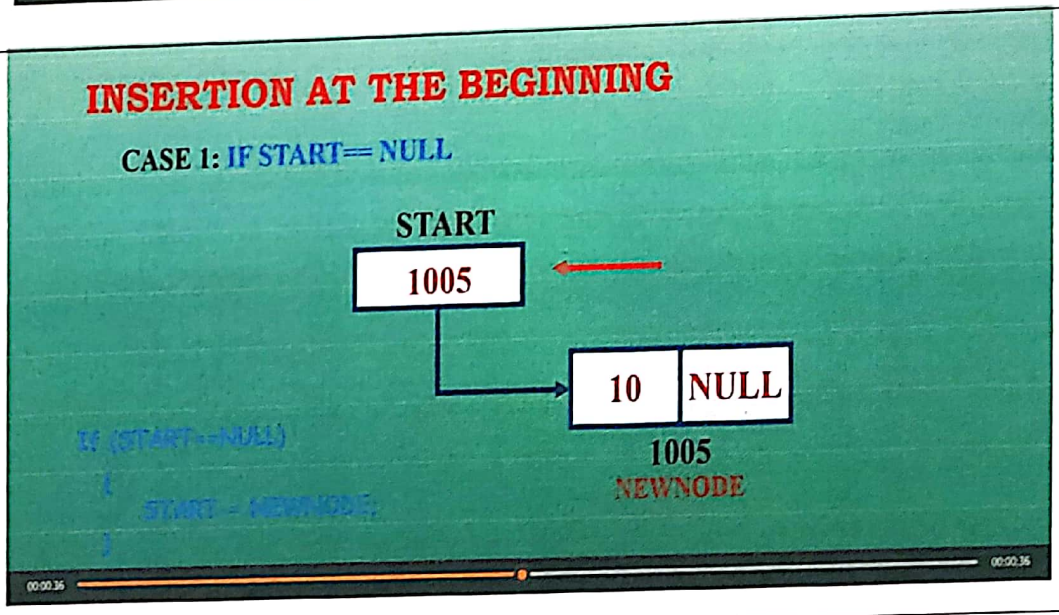
|---|---|
| **Students Feedback** | ***312423104213:*** The animation made the lesson interesting, and I stayed focused throughout the entire explanation. The visual elements helped me stay engaged and not get bored during complex topics.<br>***312423104254****:* I enjoyed watching the animations because it felt like a more interactive and less stressful way to learn. It was a fun way to learn the topic, and it helped me understand much faster. |
| **Total No. of Students** | 64 |
| **No. of Students Present** | 62 |
| **No: of Students Absent** | 02 |
| **Action Plan for Absentees** | Planned to share the video to the class group for future reference. |

The use of animated videos in education represents a significant advancement in teaching methodologies, offering a highly visual, interactive, and engaging approach to learning. This innovative technique has proven particularly effective in capturing students' attention, fostering better understanding of complex concepts, and supporting diverse learning styles.

Animated videos are a powerful tool in modern education, driving innovation in teaching methodologies. By making learning more engaging, accessible, and adaptable, they

help foster a more interactive and inclusive learning environment. When thoughtfully integrated into curricula, animated videos enhance student outcomes by improving understanding, retention, and critical thinking. Their potential continues to grow as technology advances, promising even more creative and effective ways to teach in the future.




Faculty In-charge

HOD/CSE

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