Course	Computer Organization	Year / Semester	II / II
Topic	Data Transfer and Arithmetic Instructions AVR micro Controller	Innovative Method Chosen	Brain Storming

Brainstorming:

Brainstorming is a group creativity technique that is often used to find a solution to a specific problem. This is accomplished by gathering and recording new ideas from team members in a free-flowing manner. Brainstorming sessions are usually made up of a handful of core team members, and typically are led by a director or facilitator.

- Begin by discussing the historical context of computers, starting from the early mechanical calculators to the modern digital computers.

- Highlight key milestones such as the invention of the abacus, the Analytical Engine by Charles Babbage, and the development of electronic computer during World War II.

- Discuss the transition from vacuum tubes to transistors and integrated circuits, leading to the development of microcontrollers like AVR.

- Provide an overview of AVR microcontrollers, discussing their architecture, features, and applications.

- Explain the role of AVR microcontrollers in embedded systems, robotics, IoT devices, and various other applications

- Highlight the importance of AVR microcontrollers in modern electronic devices due to their low power consumption, high performance, and versatility.

Coordinator