

# **DRONACHARYA** Group of Institutions

*B-27, Knowledge Park – III, Greater Noida, Uttar Pradesh – 201308*  
*Approved by: All India Council for Technical Education (AICTE), New Delhi*  
*Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow*

**Name of the Subject:** Computer Organization & Architecture

**Faculty Name:** Dr. Shobit Tyagi

**Innovation Practices:** Collaborative Online Tools

**Students Involved:** 3<sup>rd</sup> Semester

Collaborative online tools support dynamic, interactive, and team-based learning experiences. These tools allow students to simulate architectures, collaborate on complex coding projects, visualize hardware components, and engage in discussions, all while gaining practical, hands-on experience in the subject. These platforms foster a deeper understanding of COA concepts, prepare students for real-world applications, and promote teamwork and problem-solving skills.

These tools allow students to visualize and simulate complex architectural concepts, collaborate on real-world projects, and apply theoretical knowledge to practical challenges. These tools enhance engagement, improve understanding, and prepare students for careers in the tech industry by providing hands-on experience with industry-standard software and hardware.

