

Summary of ICT.....Second YearS4 I-Definition and scope of ICT Information and Communication Technology (ICT) is an extensive term covering a wide range of advanced technologies for manipulating and communicating information (Turban, Leidner, McLean, & Wetherbe, 2015). This multifaceted field includes both hardware and software components, forming a complex ecosystem for processing, storing, and transferring information. At its core, Information Technology (IT) serves as the foundation of ICT, seamlessly integrating computing capabilities with high-speed communication links for data, sound, and video transmission (Laudon & Laudon, 2020). In the digital era, the significance of ICT becomes increasingly pronounced, influencing daily lives and organizational operations (Castells, 2009). The convergence of computers and communication technologies is pivotal in shaping IT, playing a central role in modern societies for efficient information processing and dissemination. The transformative power of ICT extends beyond gadgets, impacting industries, education, healthcare, and more. In practical terms, IT includes diverse devices, from personal computers to handheld devices (Williams & Sawyer, 2005). These technologies contribute to seamless information flow in our interconnected world