

## **Syllabus of Information & Communication Technology (ICT)**

Fundamentals of ICT, Applications, impact and effects of ICT, uses of ICT in daily life, Computer fundamentals: history, types, organization, storage & I/O devices, hardware, software, operating system, programming language, memories, number systems, Boolean algebra, computer network, data communication, video communication. Internet: browsers and search engines, email and digital communications, collaborative computing and social networking, IT security and other issues, digital content development, multimedia design and development, Database System, E-Commerce, MS-Office with MS-WORD, MS-EXCEL, MS-POWERPOINT and MS-ACCESS etc.

### **Reference Books:**

1. Computer Fundamentals (4th Edition) Pradeep K.Sinha
2. Computers and Information Systems (5th Edition), - Sarah E. Hutchinsonb and Stacey C. Sawyer.
3. Computer Fundamental M.Lutfar Rahman and M. Alamgir Hossain.