

## MCS-012 Computer Organisation and Assembly Language Programming - IGNOU

Category	Semester	Year	Code
MCA	Ist	Ist	MCS-012

Unit	Name	Block
1	The Basic Computer	I
2	Data Representation	I
3	Principles of Logic Circuits-I	I
4	Principle of Logic Circuits-II	I
5	The Memory System	II
6	The Input Output System	II
7	Secondary Storage Techniques	II
8	The I/O Technology	II
9	Instruction Set Architecture	III
10	ALU Organisation	III
11	Registers, Micro-Operations and Instruction Execution	III
12	The Control Unit	III
13	Reduced Instruction Set Computer Architecture	III
14	Microprocessor Architecture	IV
15	Introduction to Assembly Language Programming	IV
16	Assembly Language Programming-I	IV
17	Assembly Language Programming-II	IV