

Edulib-CSE /IT Modules		
S.No	Module Name	Total TOPICS
1	Advanced Computer Networks	10
2	Advanced Data Structures	22
3	Advanced Java And Web Technologies	16
4	Automata Theory & Compiler Design	11
5	Cloud Computing	10
6	Compiler Design	19
7	Computer Architecture	9
8	Computer Graphics	10
9	Computer Networks	36
10	Computer Organization	27
11	Cryptography and Network Security	20
12	Data Base Management Systems	23
13	Data Communication Systems	27
14	Data warehousing and Data Mining	22
15	Design And Analysis Of Algorithms	12
16	Digital Logic Design	16
17	Data Structures	19
18	Distributed Systems	8
19	Formal Languages And Automata Theory	9
20	Linux Programming	13
21	Management Science	17
22	Mathematical Foundations Of Computer Science And Engineering	15
23	Micro Processors And Multicore Systems	22
24	Mobile Computing	10
25	Network Security	20
26	Object Oriented Analysis And Design	18
27	Object Oriented Programming	4
28	Object Oriented Programming Through C++	13
29	Operating Systems	40
30	Principles Of Programming Languages	21
31	Probability And Statistics	12
32	Software Engineering	20
33	Software Project Management	8
34	Software Testing Methodologies	9
35	UML and Design Patterns	13
36	Unix Programming	9
37	Web Technologies	22
38	Web Services	8

EduLib-ECE Modules		
S.No	Module Name	No. of Topics
1	Analog Communications	29
2	Antennas And Wave Propagation	16
3	Cellular & Mobile Communications	8
4	Computer Architecture & Organization	17
5	Computer Networks	9
6	Control Systems	9
7	Data Communication & Computer Networks	30
8	Digital Communications	25
9	Digital Ic Applications	8
10	Digital Image Processing	22
11	Digital Signal Processing	9
12	Electrical Technology	8
13	Electromagnetic Waves & Transmission Lines	10
14	Electronic Circuit Analysis	13
15	Electronic Devices & Circuits	16
16	Electronic Measurements And Instrumentation	18
17	Embedded Systems	28
18	IPR & Patents - I	4
19	IPR & Patents - II	4
20	Linear IC Applications	9
21	Managerial Economics And Financial Analysis	13
22	Microporocessors & Interfacing	15
23	Microprocessors & Microcontrollers	25
24	Microwave Engineering	11
25	Network Analysis	9
26	Optical Communication	14
27	Principles Of Electrical Engineering	8
28	Probability Theory & Stochastic Processes	13
29	Pulse & Digital Circuits	10
30	Radar Systems	11
31	Signals & Systems	11
32	Switching Theory & Logic Design	13
33	VLSI Design	17

EduLib-EEE Modules		
S.No	Module Name	No. of Topics
1	Basic Electrical Engineering	9
2	Complex Variables And Statistical Methods	9
3	Computer Methods In Power Systems	9
4	Digital Control Systems	8
5	Electrical Circuit Analysis - I	9
6	Electrical Machine Design	9
7	Electrical Machines - I	14
8	Electrical Machines - II	8
9	Electrical Machines - III	12
10	Electrical Measurements	17
11	Electrical Circuits	9
12	Electronic Circuits	9
13	Electro Magnetic Fields	15
14	High Voltage Engineering	8
15	HVAC & DC Transmission	9
16	Instrumentation	9
17	Network Theory	8
18	Power Electronics	16
19	Power Semiconductor Drives	9
20	Power System Analysis	9
21	Power System Operation & Control	9
22	Power Systems - I	10
23	Power Systems - II	12
24	Renewable Energy Sources & Systems	11
25	Switch Gear & Protection	15
26	Thermal and Hydro Prime movers	21
27	Utilization Of Electrical Energy	9

EduLib-MECH Modules		
S.No	Module Name	No. of Topics
1	Alternative sources of Energy	11
2	Applied Thermodynamics-I	12
3	Applied Thermodynamics-II	28
4	Automobile engineering	11
5	CAD/CAM	16
6	Computer Aided Engineering Drawing Practice	11
7	Design Of Machine Members – I	10
8	Design Of Machine Members - II	11
9	Dynamics Of Machinery	19
10	Engineering Mechanics	11
11	Finite Element Methods	18
12	Fluid Mechanics & Hydraulic Machinery	14
13	Heat Transfer	9
14	Industrial Engg. & Management	23
15	Instrumentation & Control Systems	12
16	Interactive Computer Graphics	9
17	Kinematics Of Machinery	17
18	Machine Drawing	5
19	Mechanics Of Fluids And Hydraulic Machines	15
20	Mechanics Of Solids	8
21	Metal Cutting & Machine Tools	18
22	Metallurgy & Materials Science	8
23	Numerical Methods	29
24	Operations Research	26
25	Power Plant Engineering	8
26	Production Planning And Control	8
27	Production Technology	8
28	Refrigeration And Air Conditioning	19
29	Robotics	8
30	Thermodynamics	12
31	Unconventional Machining Processes	13
32	Metrology & Surface Engineering	36

EduLib-CIVIL Modules		
S.NO	Module Name	No of Topics
1	Building Planning and Drawing	17
2	Building/Construction material and Management	14
3	Concrete Technology	24
4	Design & Drawing Of Concrete Structures - II	8
5	Design & Drawing Of Concrete Structures - I	27
6	Design & Drawing Of Irrigation Structures	6
7	Design & Drawing Of Steel Structure	8
8	Electrical And Electronics Engineering	14
9	Engineering Geology	9
10	Environmental Engineering	8
11	Estimation, Specifications & Contracts	6
12	Fluid Mechanics	14
13	Geotechnical Engineering - I	8
14	Geotechnical Engineering - II	30
15	Hydraulics & Hydraulic Machinery	9
16	Mathematics – III	8
17	Mechanics Of Materials	9
18	Probability & Statistics	10
19	Remote Sensing And GIS Applications	8
20	Strength Of Materials/I/II	16
21	Structural Analysis - I	20
22	Structural Analysis - II	11
23	Surveying	14
24	Transportation Engineering - I	32
25	Transportation Engineering - II	22
26	Water And Wastewater Engineering	23
27	Water Resources Engineering - I	21
28	Water Resources Engineering - II	9

Edulib-Common for all		
S.No	Module Name	No. of Topics
1	Computer Programming	17
2	Engineering Chemistry	23
3	Engineering Drawing	20
4	Engineering Physics	26
5	Environmental Studies	19
6	Mathematical Methods	47
7	Mathematics - I	60
8	Mathematics - II	17
9	Professional Ethics and Human Values-I/II	8