

Supplementary course list

Sl.No.	Course Title
1	15CSE111 Computer Science Essentials
2	15CSE311 Compiler Design
3	15CSE336 Biometrics
4	15CSE351 Information Security
5	15CSE370 Wireless and Mobile Communication
6	15CSE3761 Net- Centric Programming
7	15CSE411 Software Project Management
8	15EEE111 Fundamentals of Electrical and Electronics Engineering
9	15MEC261 Advanced Casting Technology
10	15MEC273 Quality Control and Reliability Engineering
11	15MEC334 Industrial Engineering
12	19BIO101 Biology for Engineers - A
13	19CHY102 Engineering Chemistry B
14	19CSE100 Problem Solving and Algorithmic Thinking
15	19CSE101 Computer Systems Essentials
16	19CSE332 Information Security
17	19CSE334 Cyber Forensics and Malware
18	19CSE336 Digital Currency Programming
19	19CSE337 Social Networking and Security
20	19CSE340 Advanced Computer Networks
21	19CSE341 Mobile Adhoc Network
22	19CSE342 Wireless and Mobile Communication
23	19CSE351 Computational statistics and Inference Theory
24	19CSE352 Business Analytics
25	19CSE353 Mining of Massive Datasets
26	19CSE354 Web Mining
27	19CSE358 Software Project Management
28	19CSE363 Artificial Intelligence
29	19CSE401 Compiler Design
30	19CSE440 Biometrics
31	19CSE446 Internet of Things
32	19CSE448 Block Chain
33	19CSE460 User Experience Design
34	19CSE461 Net-Centric Programming
35	19CUL101 Cultural Education - I

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Sl.No.	Course Title
36	19CUL233 Yoga Psychology
37	19EAC101 Introduction to Computer Engineering
38	19EAC401 Introduction to Cyber Security
39	19ECE 331 Biomedical Instrumentation
40	19ECE337 VLSI Fabrication Technology
41	19ECE349 RISC Processor Design using HDL
42	19ECE352 Operational Research
43	19ECE354 Deep Learning
44	19ECE434 MIMO and Multicarrier Systems
45	19ECE437 Mobile Communication
46	19EEE 445 Illumination Engineering
47	19EEE100 Basic Electrical and Electronics Engineering
48	19EEE111 Electrical and Electronics Engineering
49	19EEE341 Renewable Energy and Energy Conservation
50	19EEE355 Mechatronics
51	19EEE401 Power System Protection and Switch Gear
52	19EEE435 Automotive Control Systems
53	19EEE445 Illumination Engineering
54	19ELC401 Theory of Computation and Compiler design
55	19ENG111 Technical Communication
56	19ENG232 Insights into Life through Literature
57	19ENG234 Indian Short Stories in English
58	19ENV300 Environmental Science
59	19HUM233 Glimpses of Indian Economy and Polity
60	19HUM242 The Message of Bhagavad Gita
61	19LAW300 Indian Constitution
62	19MAT101 Single variable Calculus
63	19MAT102 Matrix Algebra
64	19MAT104 Basic Linear Algebra (2 hour exam)
65	19MAT106 Ordinary Differential Equations
66	19MAT111 Multivariable Calculus
67	19MEE111 Engineering Mechanics
68	19MEE332 Failure Analysis and Design
69	19MEE334 Modeling and Simulation of Engineering Systems
70	19MEE338 Theory of Vibrations

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Sl.No.	Course Title
71	19MEE346 Managerial Statistics
72	19MEE351 Computational Fluid Dynamics
73	19MEE356 Automotive Technology
74	19MEE357 Solar and Wind Power Technology
75	19MEE401 Industrial Engineering
76	19MEE434 Industrial Robotics
77	19MEE437 Advanced Casting Technology
78	19MEE445 Quality Control and Reliability Engineering
79	19MNG331 Financial Management
80	19MNG333 Marketing Management
81	19MNG338 Operations Research
82	19PHY101 Engineering Physics
83	19PHY102 Engineering Physics - B
84	19PHY103 Physics of Electronic Materials
85	19SWK230 Corporate Social Responsibility
86	20CYS101 Classical Cryptography
87	20CYS103 Computer Hardware and System Essentials
88	20MAT102 Linear Algebra
89	21CSE101 Programming in C
90	21MAT105 Multivariable Calculus
91	21PHY105 Engineering Physics C
92	22ADM101 Foundations of Indian Heritage
93	22AIE 305 Introduction to cloud Computing
94	22AIE101 Problem Solving & C Programming
95	22AIE102 Elements of Computing Systems 1
96	22AIE311 Software Engineering
97	22AVP103 Mastery Over Mind
98	22MAT110 Mathematics for Computing 1
99	22MAT121 Discrete Mathematics
100	22PHY106 Computational Physics
101	23AID101 Computational Thinking
102	23CHY109 Engineering Chemistry B
103	23CSE101 Computational Problem Solving
104	23CSE102 Computer Hardware Essentials
105	23CSE116 C Programming

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Sl.No.	Course Title
106	23ECE102 Problem Solving and Algorithmic Thinking
107	23ECE103 Fundamentals of Electrical Engineering
108	23ECE104 Physics of Semiconductors
109	23EEE101 Fundamentals of Electrical Engineering
110	23EEE104 Introduction to Electrical and Electronics Engineering
111	23ELC101 Problem Solving and Algorithmic Thinking
112	23ENG101 Technical Communication
113	23MAT107 Calculus
114	23MAT121 Calculus and Linear Algebra
115	23MAT122 Calculus, Matrix Algebra and Ordinary Differential Equations
116	23MAT124 Engineering Mathematics I
117	23MAT126 Mathematics for Intelligent Systems I
118	23MEE101 Problem-Solving using CC
119	23MEE112 Elements of Mechanical Engineering
120	23PHY108 Engineering Physics
121	23PHY109 Engineering Physics