

Domain wise IT subject lists: There are five different domain of all IT subjects list.

1. General IT (FC/DB/MIS/EC): This is general domain of IT subjects in which Fundamental of Computer, Database System, Management Information System , and Ecommerce are as major subjects. This category needs TWO fulltime faculty members to handle these subjects smoothly.

S.N.	IT Subjects	Category	Faculty	Sem.
1	IT 211: Computer Information System	General IT (FC/DB/MIS/EC)	BIM	1st
11	IT 220: Database Management System	General IT (FC/DB/MIS/EC)	BIM	4th
15	IT 224: Software Engineering	General IT (FC/DB/MIS/EC)	BIM	6th
18	IT 226: Management Information System	General IT (FC/DB/MIS/EC)	BIM	7th
23	IT 201: Computer System & IT Applications	General IT (FC/DB/MIS/EC)	BBA	1st
24	IT 202: Introductory Database	General IT (FC/DB/MIS/EC)	BBA	2nd
25	IT 203: Management Information System	General IT (FC/DB/MIS/EC)	BBA	3rd
26	IT 204: E – Commerce	General IT (FC/DB/MIS/EC)	BBA	6th
27	1. CSC101: Introduction to Information Technology	General IT (FC/DB/MIS/EC)	CSIT	1st
38	2. CSC252: System Analysis and Design	General IT (FC/DB/MIS/EC)	CSIT	4th
39	3. CSC253: Database Management System	General IT (FC/DB/MIS/EC)	CSIT	4th
48	7. CSC307: E-governance	General IT (FC/DB/MIS/EC)	CSIT	5th
53	1. CSC351: Software Engineering	General IT (FC/DB/MIS/EC)	CSIT	6th
58	6. CSC356: Fundamentals of E-Commerce	General IT (FC/DB/MIS/EC)	CSIT	6th
59	7. CSC357: Society and Ethics in Information Technology	General IT (FC/DB/MIS/EC)	CSIT	6th
66	1. CSC401: Advanced Database Management System	General IT (FC/DB/MIS/EC)	CSIT	7th
71	6. CSC406: Database Administration	General IT (FC/DB/MIS/EC)	CSIT	7th
73	8. CSC408: Software Project Management	General IT (FC/DB/MIS/EC)	CSIT	7th
74	1. CSC451: Data Warehousing and Data Mining	General IT (FC/DB/MIS/EC)	CSIT	8th
78	6. CSC456: Multimedia Database	General IT (FC/DB/MIS/EC)	CSIT	8th
79	7. CSC457: Distributed and Object Oriented Database	General IT (FC/DB/MIS/EC)	CSIT	8th
81	9. CSC459: Geographical Information System	General IT (FC/DB/MIS/EC)	CSIT	8th
82	10. CSC460: Decision Support System	General IT (FC/DB/MIS/EC)	CSIT	8th

2. Electronics (HW/NW): Hardware and Networking related subjects are in this category. One fulltime Electronics and Communication domain expert is needed to handle this category.

S.N.	IT Subjects	Category	Faculty	Sem.
2	IT 212: Digital Logic Design	Electronics(HW/NW)	BIM	1st
4	IT 214: Data Communication and Computer Network	Electronics(HW/NW)	BIM	2nd
8	IT 217: Computer Organization	Electronics(HW/NW)	BIM	3rd
14	IT 223: Advanced Internetworking	Electronics(HW/NW)	BIM	5th
29	1. CSC151: Digital Logic	Electronics(HW/NW)	CSIT	2nd
31	3. CSC153: Microprocessors	Electronics(HW/NW)	CSIT	2nd
33	1. CSC201: Computer Architecture	Electronics(HW/NW)	CSIT	3rd
42	1. CSC301: Computer Networks	Electronics(HW/NW)	CSIT	5th
46	<i>5. CSC305: Microprocessor Based Design</i>	Electronics(HW/NW)	CSIT	5th
49	<i>8. CSC308: Wireless Networking</i>	Electronics(HW/NW)	CSIT	5th
51	<i>12. CSC312: Computer Hardware Design</i>	Electronics(HW/NW)	CSIT	5th
60	<i>8. CSC358: Automation and Robotics</i>	Electronics(HW/NW)	CSIT	6th
61	<i>9. CSC359: Digital System Design</i>	Electronics(HW/NW)	CSIT	6th
64	<i>12. CSC362: Embedded System Programming</i>	Electronics(HW/NW)	CSIT	6th
72	<i>7. CSC407: Network and System Administration</i>	Electronics(HW/NW)	CSIT	7th
75	<i>3. CSC453: Advanced Networking with IPV6</i>	Electronics(HW/NW)	CSIT	8th
76	<i>4. CSC454: Distributed Networking</i>	Electronics(HW/NW)	CSIT	8th
77	<i>5. CSC455: Network Security</i>	Electronics(HW/NW)	CSIT	8th

3. Internet and Web programming: One fulltime faculty is required to handle internet related subject with sound in programming like web programming and new emerging Internet technology.

S.N.	IT Subjects	Category	Faculty	Sem
6	IT 215: Web Technology – I	Internet & Web Programming	BIM	3rd
10	IT 219: Web Technology – II	Internet & Web Programming	BIM	4th
16	IT 225: Computer Security and Cyber Law	Internet & Web Programming	BIM	6th
55	3. CSC353: Web Technologies	Internet & Web Programming	CSIT	6th
62	<i>10. CSC360: Net Centric Computing</i>	Internet & Web Programming	CSIT	6th
63	<i>11. CSC361: Web Centric Computing</i>	Internet & Web Programming	CSIT	6th
67	2. CSC402: Internet Technology	Internet & Web Programming	CSIT	7th
70	<i>5. CSC405: Information Retrieval</i>	Internet & Web Programming	CSIT	7th
80	<i>8. CSC458: Cloud Computing</i>	Internet & Web Programming	CSIT	8th

4. IT Computation, Logic and Algorithm Design: One fulltime faculty is required to handle this category, who is strong in mathematics, logic design and algorithm development and implementation.

S.N.	IT Subjects	Category	Faculty	Sem.
9	IT 218: Data Structure and Algorithm with Java	IT Computation,Logic& Algorithm Design	BIM	4th
12	IT 221: Computer Graphics	IT Computation,Logic& Algorithm Design	BIM	5th
20	IT 228: Artificial Intelligence	IT Computation,Logic& Algorithm Design	BIM	7th
32	4. CSC154: Data Structures and Algorithms	IT Computation,Logic& Algorithm Design	CSIT	2nd
35	3. CSC203: Operating Systems	IT Computation,Logic& Algorithm Design	CSIT	3rd
37	1. CSC251: Theory of Computation	IT Computation,Logic& Algorithm Design	CSIT	4th
40	4. CSC254: Computer Graphics	IT Computation,Logic& Algorithm Design	CSIT	4th
41	5. CSC255: Introduction to Cognitive Science	IT Computation,Logic& Algorithm Design	CSIT	4th
43	2. CSC302: Simulation and Modeling	IT Computation,Logic& Algorithm Design	CSIT	5th
44	3. CSC303: Design and Analysis of Algorithms	IT Computation,Logic& Algorithm Design	CSIT	5th
45	4. CSC304: Artificial Intelligence	IT Computation,Logic& Algorithm Design	CSIT	5th
47	<i>6. CSC306: Applied Logic</i>	IT Computation,Logic& Algorithm Design	CSIT	5th
50	<i>11. CSC311: Neural Networks</i>	IT Computation,Logic& Algorithm Design	CSIT	5th
52	<i>13. CSC313: Cryptography</i>	IT Computation,Logic& Algorithm Design	CSIT	5th
54	2. CSC352: Compiler Design and Construction	IT Computation,Logic& Algorithm Design	CSIT	6th
56	4. CSC354: Real Time System	IT Computation,Logic& Algorithm Design	CSIT	6th
57	<i>5. CSC355: Knowledge Management</i>	IT Computation,Logic& Algorithm Design	CSIT	6th
65	<i>13. CSC363: Image Processing</i>	IT Computation,Logic& Algorithm Design	CSIT	6th

5. Core Programming(C and C++): One programmer having sound programming skill in structure programming and Object oriented programming is require to handle this domain.

S.N.	IT Subjects	Category	Faculty	Semester
3	IT 213: Structured Programming	Programming (C & C++)	BIM	2nd
7	IT 216: Java Programming – I	Programming (C & C++)	BIM	3rd
13	IT 222: Java Programming – II	Programming (C & C++)	BIM	5th
19	IT 227: Object Oriented Analysis and Design	Programming (C & C++)	BIM	7th
28	2. CSC102: Fundamentals of Computer Programming	Programming (C & C++)	CSIT	1st
34	2. CSC202: Object Oriented Programming Language	Programming (C & C++)	CSIT	3rd
68	3. CSC403: Advanced Java Programming	Programming (C & C++)	CSIT	7th