Htno	Subcode	Subname	INTERNAL	EXTERNAL	credits
10BQ1A0427	R41043	DIGITAL IMAGE PROCESSING	19	30	4
12BQ1A1214	R41053	DATA WARE HOUSING AND DATA MINING	16	31	4
13BQ1A02B5	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	---	No Change	---
13BQ1A0357	RT41033	FINITE ELEMENT METHODS	---	No Change	---
14BQ1A0148	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
14BQ1A0314	RT41031	AUTOMOBILE ENGINEERING	17	29	3
14BQ1A0320	RT41033	FINITE ELEMENT METHODS	---	No Change	---
14BQ1A0372	RT41031	AUTOMOBILE ENGINEERING	---	No Change	---
14BQ1A0495	RT41041	VLSI DESIGN	---	No Change	---
14BQ1A0495	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	---	No Change	---
14BQ1A0495	RT41048	RADAR SYSTEMS	---	No Change	---
14BQ1A0495	RT4104A	OPTICAL COMMUNICATION	---	No Change	---
14BQ1A05N1	RT4105B	HADOOP AND BIG DATA	---	No Change	---
15BQ1A0104	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0104	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
15BQ1A0114	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0117	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0125	RT41013	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	---	No Change	---
15BQ1A0125	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
15BQ1A0130	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	18	25	3
15BQ1A0131	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0134	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0134	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0138	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	22	24	3
15BQ1A0140	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0145	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0145	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	17	29	3
15BQ1A0148	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	16	33	3
15BQ1A0150	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0150	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0151	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0151	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
15BQ1A0179	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A0179	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A0183	RT41014	WATER RESOURCES ENGINEERING - II	16	25	3
15BQ1A0183	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	23	25	3
15BQ1A0199	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	21	42	3
15BQ1A01A0	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A01A0	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
15BQ1A01B1	RT41014	WATER RESOURCES ENGINEERING - II	---	No Change	---
15BQ1A01B1	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
15BQ1A01B2	RT41011	ENVIRONMENTAL ENGINEERING- II	16	33	3
15BQ1A01B6	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
15BQ1A01B7	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	16	37	3
15BQ1A01B8	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	18	32	3
15BQ1A0202	RT41023	POWER SYSTEM OPERATION AND CONTROL	---	No Change	---

Htno	Subcode	Subname	INTERNAL	EXTERNAL	credits
15BQ1A0202	RT41025	INSTRUMENTATION	---	No Change	---
15BQ1A0202	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	23	38	3
15BQ1A0210	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	---	No Change	---
15BQ1A0218	RT41022	HVAC AND DC TRANSMISSION	---	No Change	---
15BQ1A0218	RT41029	ELECTRICAL DISTRIBUTION SYSTEMS	19	36	3
15BQ1A0221	RT41022	HVAC AND DC TRANSMISSION	20	25	3
15BQ1A0227	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	---	No Change	---
15BQ1A0232	RT41023	POWER SYSTEM OPERATION AND CONTROL	---	No Change	---
15BQ1A0240	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	---	No Change	---
15BQ1A0241	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	---	No Change	---
15BQ1A0241	RT41022	HVAC AND DC TRANSMISSION	17	24	3
15BQ1A0243	RT41025	INSTRUMENTATION	---	No Change	---
15BQ1A0244	RT41021	RENEWABLE ENERGY SOURCES AND SYSTEMS	---	No Change	---
15BQ1A0317	RT41032	CAD / CAM	---	No Change	---
15BQ1A0319	RT41034	UNCONVENTIONAL MACHINING PROCESSES	---	No Change	---
15BQ1A0319	RT41035	MEMS	26	25	3
15BQ1A0329	RT41032	CAD / CAM	---	No Change	---
15BQ1A0338	RT41031	AUTOMOBILE ENGINEERING	---	No Change	---
15BQ1A0347	RT41032	CAD / CAM	---	No Change	---
15BQ1A0350	RT41031	AUTOMOBILE ENGINEERING	---	No Change	---
15BQ1A0350	RT41035	MEMS	---	No Change	---
15BQ1A0350	RT41039	AUTOMATION IN MANUFACTURING	---	No Change	---
15BQ1A0362	RT41032	CAD / CAM	19	25	3
15BQ1A0362	RT41035	MEMS	---	No Change	---
15BQ1A0363	RT41031	AUTOMOBILE ENGINEERING	---	No Change	---
15BQ1A0363	RT41032	CAD / CAM	26	41	3
15BQ1A0366	RT41032	CAD / CAM	19	26	3
15BQ1A0369	RT41032	CAD / CAM	---	No Change	---
15BQ1A0372	RT41032	CAD / CAM	---	No Change	---
15BQ1A0381	RT41035	MEMS	---	No Change	---
15BQ1A0387	RT41032	CAD / CAM	---	No Change	---
15BQ1A0394	RT41032	CAD / CAM	---	No Change	---
15BQ1A03A1	RT41033	FINITE ELEMENT METHODS	19	28	3
15BQ1A03A7	RT41031	AUTOMOBILE ENGINEERING	21	29	3
15BQ1A0401	RT41042	COMPUTER NETWORKS	20	30	3
15BQ1A0401	RT41043	DIGITAL IMAGE PROCESSING	22	36	3
15BQ1A0402	RT4104A	OPTICAL COMMUNICATION	29	24	3
15BQ1A0405	RT41042	COMPUTER NETWORKS	20	26	3
15BQ1A0405	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0411	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A0413	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0413	RT41048	RADAR SYSTEMS	---	No Change	---
15BQ1A0414	RT41041	VLSI DESIGN	---	No Change	---
15BQ1A0426	RT41043	DIGITAL IMAGE PROCESSING	27	32	3
15BQ1A0449	RT41042	COMPUTER NETWORKS	16	27	3
15BQ1A0449	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0449	RT41048	RADAR SYSTEMS	---	No Change	---
15BQ1A0459	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0465	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0467	RT41042	COMPUTER NETWORKS	21	29	3
15BQ1A0467	RT4104A	OPTICAL COMMUNICATION	---	No Change	---

Htno	Subcode	Subname	INTERNAL	EXTERNAL	credits
15BQ1A0470	RT41041	VLSI DESIGN	---	No Change	---
15BQ1A0470	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A0485	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A0492	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A0492	RT41048	RADAR SYSTEMS	---	No Change	---
15BQ1A0495	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A0495	RT41048	RADAR SYSTEMS	27	70	3
15BQ1A04A2	RT41043	DIGITAL IMAGE PROCESSING	21	28	3
15BQ1A04A3	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04C0	RT41042	COMPUTER NETWORKS	23	44	3
15BQ1A04C0	RT41043	DIGITAL IMAGE PROCESSING	25	32	3
15BQ1A04C2	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04D2	RT41041	VLSI DESIGN	20	25	3
15BQ1A04D2	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A04D2	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	---	No Change	---
15BQ1A04D2	RT41048	RADAR SYSTEMS	---	No Change	---
15BQ1A04D2	RT4104A	OPTICAL COMMUNICATION	---	No Change	---
15BQ1A04D8	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04E2	RT41043	DIGITAL IMAGE PROCESSING	26	32	3
15BQ1A04E6	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04G4	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04G8	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A04H2	RT41042	COMPUTER NETWORKS	---	No Change	---
15BQ1A04H3	RT41041	VLSI DESIGN	25	47	3
15BQ1A04H3	RT41042	COMPUTER NETWORKS	21	33	3
15BQ1A04H3	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
15BQ1A04H3	RT41044	COMPUTER ARCHITECTURE AND ORGANIZATION	---	No Change	---
15BQ1A04H3	RT41048	RADAR SYSTEMS	23	36	3
15BQ1A04H3	RT4104A	OPTICAL COMMUNICATION	27	36	3
15BQ1A04H6	RT41041	VLSI DESIGN	---	No Change	---
15BQ1A04H6	RT41043	DIGITAL IMAGE PROCESSING	22	24	3
15BQ1A0504	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	44	3
15BQ1A0504	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A0504	RT41053	MOBILE COMPUTING	---	No Change	---
15BQ1A0510	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A0510	RT4105B	HADOOP AND BIG DATA	18	27	3
15BQ1A0515	RT41052	UML AND DESIGN PATTERNS	21	27	3
15BQ1A0515	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A0518	RT41053	MOBILE COMPUTING	---	No Change	---
15BQ1A0523	RT41053	MOBILE COMPUTING	18	29	3
15BQ1A0523	RT4105B	HADOOP AND BIG DATA	---	No Change	---
15BQ1A0525	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	21	25	3
15BQ1A0542	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	36	3
15BQ1A0544	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A0549	RT4105B	HADOOP AND BIG DATA	25	24	3
15BQ1A0557	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A0561	RT41053	MOBILE COMPUTING	22	34	3
15BQ1A0564	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A0564	RT41053	MOBILE COMPUTING	---	No Change	---
15BQ1A0564	RT41054	SOFTWARE TESTING METHODOLOGIES	27	57	3
15BQ1A0564	RT4105B	HADOOP AND BIG DATA	---	No Change	---

Htno	Subcode	Subname	INTERNAL	EXTERNAL	credits
15BQ1A0567	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A0569	RT4105B	HADOOP AND BIG DATA	---	No Change	---
15BQ1A0570	RT4105B	HADOOP AND BIG DATA	29	45	3
15BQ1A0572	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A0573	RT4105B	HADOOP AND BIG DATA	21	29	3
15BQ1A0583	RT4105B	HADOOP AND BIG DATA	21	32	3
15BQ1A0585	RT41052	UML AND DESIGN PATTERNS	26	34	3
15BQ1A0588	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	24	25	3
15BQ1A0590	RT4105B	HADOOP AND BIG DATA	19	27	3
15BQ1A05A0	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A05B2	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15BQ1A05B2	RT4105B	HADOOP AND BIG DATA	23	27	3
15BQ1A05C7	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A05C8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	22	26	3
15BQ1A05F4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	26	30	3
15BQ1A05F8	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	30	48	3
15BQ1A05F8	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A05F8	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A05F8	RT4105B	HADOOP AND BIG DATA	---	No Change	---
15BQ1A05G4	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	20	24	3
15BQ1A05G7	RT4105B	HADOOP AND BIG DATA	23	31	3
15BQ1A05H8	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A05I3	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A05J2	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A05N0	RT41053	MOBILE COMPUTING	21	29	3
15BQ1A05N7	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A05N7	RT41054	SOFTWARE TESTING METHODOLOGIES	---	No Change	---
15BQ1A1202	RT4105B	HADOOP AND BIG DATA	25	38	3
15BQ1A1207	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A1212	RT41121	EMBEDDED AND REAL TIME SYSTEMS	21	31	3
15BQ1A1226	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A1226	RT41121	EMBEDDED AND REAL TIME SYSTEMS	16	33	3
15BQ1A1229	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A1239	RT41121	EMBEDDED AND REAL TIME SYSTEMS	16	25	3
15BQ1A1244	RT41121	EMBEDDED AND REAL TIME SYSTEMS	20	25	3
15BQ1A1245	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	19	24	3
15BQ1A1245	RT41052	UML AND DESIGN PATTERNS	---	No Change	---
15BQ1A1245	RT41053	MOBILE COMPUTING	---	No Change	---
15BQ1A1245	RT4105B	HADOOP AND BIG DATA	---	No Change	---
15BQ1A1245	RT41121	EMBEDDED AND REAL TIME SYSTEMS	16	25	3
15BQ1A1255	RT4105B	HADOOP AND BIG DATA	20	24	3
15BQ1A1256	RT41051	CRYPTOGRAPHY AND NETWORK SECURITY	---	No Change	---
15BQ1A1259	RT41121	EMBEDDED AND REAL TIME SYSTEMS	18	29	3
15BQ5A0323	RT41033	FINITE ELEMENT METHODS	---	No Change	---
16BQ5A0108	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	24	27	3
16BQ5A0110	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
16BQ5A0114	RT41015	REMOTE SENSING AND GIS APPLICATIONS	---	No Change	---
16BQ5A0122	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
16BQ5A0124	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	---	No Change	---
16BQ5A0125	RT41018	MATRIX METHODS OF STRUCTURAL ANALYSIS	19	25	3
16BQ5A0212	RT41023	POWER SYSTEM OPERATION AND CONTROL	---	No Change	---

Htno	Subcode	Subname	INTERNAL	EXTERNAL	credits
16BQ5A0309	RT41033	FINITE ELEMENT METHODS	---	No Change	---
16BQ5A0315	RT41031	AUTOMOBILE ENGINEERING	---	No Change	---
16BQ5A0315	RT41039	AUTOMATION IN MANUFACTURING	---	No Change	---
16BQ5A0322	RT41031	AUTOMOBILE ENGINEERING	22	26	3
16BQ5A0404	RT41042	COMPUTER NETWORKS	24	36	3
16BQ5A0404	RT41043	DIGITAL IMAGE PROCESSING	25	34	3
16BQ5A0413	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
16BQ5A0420	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
16BQ5A0424	RT41042	COMPUTER NETWORKS	21	29	3
16BQ5A0428	RT41042	COMPUTER NETWORKS	21	36	3
16BQ5A0428	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---
16BQ5A0428	RT4104A	OPTICAL COMMUNICATION	---	No Change	---
16BQ5A0432	RT41043	DIGITAL IMAGE PROCESSING	29	46	3
16BQ5A0434	RT41043	DIGITAL IMAGE PROCESSING	25	30	3
16BQ5A0439	RT41043	DIGITAL IMAGE PROCESSING	---	No Change	---

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Controller of Examinations