

SNO	HTNO	SUBJECT CODE	SUBJECT NAME	REGULA TION	YEAR	SEMEST ER
1	10Q91D5807	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
2	10Q91D5807	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
3	10Q91D5807	C5803	EMBEDDED SYSTEMS	R09	1	1
4	10Q91D5807	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
5	10Q91D5807	C5805	OBJECT ORIENTED MODELING	R09	1	1
6	10Q91D5807	C5809	ADVANCED COMPILER DESIGN	R09	1	1
7	10Q91D5807	C5861	JAVA AND WEB TECHNOLOGIES LAB	R09	1	1
8	10Q91D5807	D5801	DISTRIBUTED COMPUTING	R09	1	2
9	10Q91D5807	D5802	DISTRIBUTED DATABASES	R09	1	2
10	10Q91D5807	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
11	10Q91D5807	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
12	10Q91D5807	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
13	10Q91D5807	D5809	INFORMATION SECURITY	R09	1	2
14	10Q91D5807	D5811	DATABASES AND COMPILER LAB	R09	1	2
15	10Q91D5807	D5812	SEMINAR - II	R09	1	2
16	10Q91D5818	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
17	10Q91D5818	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
18	10Q91D5818	C5803	EMBEDDED SYSTEMS	R09	1	1
19	10Q91D5818	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
20	10Q91D5818	C5805	OBJECT ORIENTED MODELING	R09	1	1
21	10Q91D5818	C5809	ADVANCED COMPILER DESIGN	R09	1	1
22	10Q91D5818	D5801	DISTRIBUTED COMPUTING	R09	1	2
23	10Q91D5818	D5802	DISTRIBUTED DATABASES	R09	1	2
24	10Q91D5818	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
25	10Q91D5818	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
26	10Q91D5818	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
27	10Q91D5818	D5809	INFORMATION SECURITY	R09	1	2
28	10Q91D5818	D5811	DATABASES AND COMPILER LAB	R09	1	2
29	10Q91D5818	D5812	SEMINAR - II	R09	1	2
30	10Q91D7801	C7801	ADVANCED COMPUTER NETWORKS	R09	1	1
31	10Q91D7801	C7803	DISTRIBUTED COMPUTING	R09	1	1
32	10Q91D7801	C7805	JAVA &WEB TECHNOLOGIES	R09	1	1
33	10Q91D7801	C7809	EMBEDDED SYSTEMS	R09	1	1
34	10Q91D7801	D7802	MOBILE COMPUTING	R09	1	2
35	10Q91D7801	D7803	INFORMATION SECURITY - II	R09	1	2
36	10Q91D7801	D7804	INFORMATION SECURITY, MANAGEMENT AND STANDARDS	R09	1	2
37	10Q91D7810	C7804	INFORMATION SECURITY – I	R09	1	1
38	10Q91D7810	D7804	INFORMATION SECURITY, MANAGEMENT AND STANDARDS	R09	1	2
39	10Q96D5803	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
40	10Q96D5803	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
41	10Q96D5803	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
42	10Q96D7814	C7801	ADVANCED COMPUTER NETWORKS	R09	1	1
43	11Q91D5818	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
44	11Q96D5805	C5801	ADVANCED PROBLEM SOLVING	R09	1	1

45	11Q96D5805	C5803	EMBEDDED SYSTEMS	R09	1	1
46	11Q96D5805	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
47	11Q96D5805	D5801	DISTRIBUTED COMPUTING	R09	1	2
48	11Q96D5805	E5801	COMPREHENSIVE VIVA - VOCE	R09	2	1
49	12Q91D0512	C0501	ADVANCED PROBLEM SOLVING	R09	1	1
50	12Q91D0512	C0502	COMPUTER SYSTEM DESIGN	R09	1	1
51	12Q91D0512	C0503	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
52	12Q91D0512	C0504	JAVA AND WEB TECHNOLOGIES	R09	1	1
53	12Q91D0512	C0505	OBJECT ORIENTED MODELING	R09	1	1
54	12Q91D0512	C0509	ADVANCED COMPUTER ARCHITECTURE	R09	1	1
55	12Q91D0512	C0561	JAVA AND WEB TECHNOLOGIES LAB.	R09	1	1
56	12Q91D0512	C0581	SEMINAR	R09	1	1
57	12Q91D0512	D0501	DISTRIBUTED COMPUTING	R09	1	2
58	12Q91D0512	D0502	DISTRIBUTED DATABASES	R09	1	2
59	12Q91D0512	D0503	ADVANCED COMPILER DESIGN	R09	1	2
60	12Q91D0512	D0504	ADVANCED COMPUTER NETWORKS	R09	1	2
61	12Q91D0512	D0506	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
62	12Q91D0512	D0509	INFORMATION SECURITY	R09	1	2
63	12Q91D0512	D0511	DATABASES AND COMPILER LAB	R09	1	2
64	12Q91D0512	D0512	SEMINAR - II	R09	1	2
65	12Q91D0512	E0501	COMPREHENSIVE VIVA - VOCE	R09	2	1
66	12Q91D5806	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
67	12Q91D5806	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
68	12Q91D5806	C5803	EMBEDDED SYSTEMS	R09	1	1
69	12Q91D5806	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
70	12Q91D5806	C5805	OBJECT ORIENTED MODELING	R09	1	1
71	12Q91D5806	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
72	12Q91D5806	C5881	SEMINAR	R09	1	1
73	12Q91D5806	D5801	DISTRIBUTED COMPUTING	R09	1	2
74	12Q91D5806	D5802	DISTRIBUTED DATABASES	R09	1	2
75	12Q91D5806	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
76	12Q91D5806	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
77	12Q91D5806	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
78	12Q91D5806	D5809	INFORMATION SECURITY	R09	1	2
79	12Q91D5821	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
80	12Q91D5821	E5801	COMPREHENSIVE VIVA - VOCE	R09	2	1
81	12Q91D5824	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
82	12Q91D5824	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
83	12Q91D5824	C5803	EMBEDDED SYSTEMS	R09	1	1
84	12Q91D5824	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
85	12Q91D5824	C5805	OBJECT ORIENTED MODELING	R09	1	1
86	12Q91D5824	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
87	12Q91D5824	D5801	DISTRIBUTED COMPUTING	R09	1	2
88	12Q91D5824	D5802	DISTRIBUTED DATABASES	R09	1	2

89	12Q91D5824	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
90	12Q91D5824	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
91	12Q91D5824	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
92	12Q91D5824	D5809	INFORMATION SECURITY	R09	1	2
93	12Q91D5828	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
94	12Q91D5828	C5802	COMPUTER SYSTEM DESIGN	R09	1	1
95	12Q91D5828	C5803	EMBEDDED SYSTEMS	R09	1	1
96	12Q91D5828	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
97	12Q91D5828	C5805	OBJECT ORIENTED MODELING	R09	1	1
98	12Q91D5828	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
99	12Q91D5828	C5861	JAVA AND WEB TECHNOLOGIES LAB	R09	1	1
100	12Q91D5828	C5881	SEMINAR	R09	1	1
101	12Q91D5828	D5801	DISTRIBUTED COMPUTING	R09	1	2
102	12Q91D5828	D5802	DISTRIBUTED DATABASES	R09	1	2
103	12Q91D5828	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
104	12Q91D5828	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
105	12Q91D5828	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
106	12Q91D5828	D5809	INFORMATION SECURITY	R09	1	2
107	12Q91D5828	D5811	DATABASES AND COMPILER LAB	R09	1	2
108	12Q91D5828	D5812	SEMINAR - II	R09	1	2
109	12Q91D5828	E5801	COMPREHENSIVE VIVA - VOCE	R09	2	1
110	12Q96D0515	D0501	DISTRIBUTED COMPUTING	R09	1	2
111	12Q96D0515	D0502	DISTRIBUTED DATABASES	R09	1	2
112	12Q96D0515	D0503	ADVANCED COMPILER DESIGN	R09	1	2
113	12Q96D0515	D0506	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
114	12Q96D0515	E0501	COMPREHENSIVE VIVA - VOCE	R09	2	1
115	12Q96D0521	C0501	ADVANCED PROBLEM SOLVING	R09	1	1
116	12Q96D0521	C0502	COMPUTER SYSTEM DESIGN	R09	1	1
117	12Q96D0521	C0509	ADVANCED COMPUTER ARCHITECTURE	R09	1	1
118	12Q96D0521	C0561	JAVA AND WEB TECHNOLOGIES LAB.	R09	1	1
119	12Q96D0521	C0581	SEMINAR	R09	1	1
120	12Q96D0521	D0501	DISTRIBUTED COMPUTING	R09	1	2
121	12Q96D0521	D0502	DISTRIBUTED DATABASES	R09	1	2
122	12Q96D0521	D0503	ADVANCED COMPILER DESIGN	R09	1	2
123	12Q96D0521	D0504	ADVANCED COMPUTER NETWORKS	R09	1	2
124	12Q96D0521	D0506	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
125	12Q96D0521	D0509	INFORMATION SECURITY	R09	1	2
126	12Q96D0521	D0511	DATABASES AND COMPILER LAB	R09	1	2
127	12Q96D0521	D0512	SEMINAR - II	R09	1	2
128	12Q96D0521	E0501	COMPREHENSIVE VIVA - VOCE	R09	2	1
129	12Q96D0522	C0502	COMPUTER SYSTEM DESIGN	R09	1	1
130	12Q96D0522	C0503	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
131	12Q96D0522	C0504	JAVA AND WEB TECHNOLOGIES	R09	1	1
132	12Q96D0522	C0505	OBJECT ORIENTED MODELING	R09	1	1
133	12Q96D0522	C0509	ADVANCED COMPUTER ARCHITECTURE	R09	1	1

134	12Q96D0522	C0561	JAVA AND WEB TECHNOLOGIES LAB.	R09	1	1
135	12Q96D0522	D0502	DISTRIBUTED DATABASES	R09	1	2
136	12Q96D0522	D0504	ADVANCED COMPUTER NETWORKS	R09	1	2
137	12Q96D0522	E0501	COMPREHENSIVE VIVA - VOCE	R09	2	1
138	12Q96D5815	C5801	ADVANCED PROBLEM SOLVING	R09	1	1
139	12Q96D5815	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
140	12Q96D5815	C5805	OBJECT ORIENTED MODELING	R09	1	1
141	12Q96D5815	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
142	12Q96D5815	D5801	DISTRIBUTED COMPUTING	R09	1	2
143	12Q96D5815	D5802	DISTRIBUTED DATABASES	R09	1	2
144	12Q96D5815	D5803	ADVANCED COMPUTER ARCHITECTURE	R09	1	2
145	12Q96D5815	D5804	ADVANCED COMPUTER NETWORKS	R09	1	2
146	12Q96D5815	D5806	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
147	12Q96D5815	D5809	INFORMATION SECURITY	R09	1	2
148	12Q96D5815	D5811	DATABASES AND COMPILER LAB	R09	1	2
149	12Q96D5815	D5812	SEMINAR - II	R09	1	2
150	12Q96D5815	E5801	COMPREHENSIVE VIVA - VOCE	R09	2	1
151	12Q96D5817	C5803	EMBEDDED SYSTEMS	R09	1	1
152	12Q96D5817	C5804	JAVA AND WEB TECHNOLOGIES	R09	1	1
153	12Q96D5817	C5805	OBJECT ORIENTED MODELING	R09	1	1
154	12Q96D5817	C5808	SOFTWARE DESIGN AND ENGINEERING	R09	1	1
155	12Q96D7714	C7706	DIGITAL SYSTEM DESIGN	R09	1	1
156	12Q96D7714	D7701	SYSTEM ON CHIP ARCHITECTURE	R09	1	2
157	12Q96D7803	D7801	WIRELESS NETWORKS	R09	1	2
158	12Q96D7803	D7802	MOBILE COMPUTING	R09	1	2
159	12Q96D7803	D7804	INFORMATION SECURITY, MANAGEMENT AND STANDARDS	R09	1	2
160	12Q96D7803	D7810	INFORMATION RETRIEVAL SYSTEMS	R09	1	2
161	13Q91D0507	5105L	ADVANCED NETWORK PROGRAMMING	R13	1	2
162	13Q91D0507	5105M	ADVANCED DATABASES	R13	1	2
163	13Q91D0507	5105N	WEB SERVICES AND SERVICE ORIENTED ARCHITECTURE	R13	1	2
164	13Q91D0507	5105O	WIRELESS NETWORKS AND MOBILE COMPUTING	R13	1	2
165	13Q91D0507	5105R	DATABASE SECURITY	R13	1	2
166	13Q91D0507	5105U	INFORMATION RETRIEVAL SYSTEMS	R13	1	2
167	13Q91D0509	5105A	COMPUTER SYSTEM DESIGN	R13	1	1
168	13Q91D0509	5105E	ADVANCED OPERATING SYSTEMS	R13	1	1
169	13Q91D0509	5105L	ADVANCED NETWORK PROGRAMMING	R13	1	2
170	13Q91D0509	5105U	INFORMATION RETRIEVAL SYSTEMS	R13	1	2
171	13Q91D0513	5105L	ADVANCED NETWORK PROGRAMMING	R13	1	2
172	13Q91D0513	5105M	ADVANCED DATABASES	R13	1	2
173	13Q91D0513	5105U	INFORMATION RETRIEVAL SYSTEMS	R13	1	2
174	13Q91D2105	51215	THERMAL ENGINEERING LAB	R13	1	1
175	13Q91D2105	5121A	ADVANCED FLUID MECHANICS	R13	1	1
176	13Q91D2105	5121B	ADVANCED HEAT & MASS TRANSFER	R13	1	1
177	13Q91D2105	5121C	ADVANCED THERMODYNAMICS	R13	1	1

			ADVANCED OPTIMIZATION TECHNIQUES			
178	13Q91D2105	5121D	& APPLICATIONS	R13	1	1
179	13Q91D2105	5121G	SOLAR ENERGY TECHNOLOGY	R13	1	1
			NON-CONVENTIONAL ENERGY			
180	13Q91D2105	5121I	SOURCES	R13	1	1
181	13Q91D2105	51216	COMPUTATIONAL METHODS LAB	R13	1	2
182	13Q91D2105	5121K	FUELS COMBUSTION & ENVIRONMENT	R13	1	2
183	13Q91D2105	5121L	ENERGY MANAGEMENT	R13	1	2
184	13Q91D2105	5121M	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	2
185	13Q91D2105	5121N	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
186	13Q91D2105	5121Q	THERMAL & NUCLEAR POWER PLANTS	R13	1	2
187	13Q91D2105	5121S	REFRIGERATION & AIR-CONDITIONING	R13	1	2
188	13Q91D2105	522108	PROJECT WORK REVIEW I	R15	2	1
189	13Q91D5803	5158N	GRID AND CLOUD COMPUTING	R13	1	2
190	13Q91D5803	5158Q	DATABASE SECURITY	R13	1	2
191	13Q91D5805	5158B	ADVANCED OPERATING SYSTEMS	R13	1	1
192	13Q91D5805	5158C	DISTRIBUTED SYSTEMS	R13	1	1
			ADVANCED DATA STRUCTURES AND			
193	13Q91D5805	5158D	ALGORITHMS	R13	1	1
194	13Q91D5805	51586	WEB SERVICES LAB	R13	1	2
195	13Q91D5805	5158K	ADVANCED NETWORK PROGRAMMING	R13	1	2
196	13Q91D5805	5158L	ADVANCED DATABASES	R13	1	2
			WEB SERVICES AND SERVICE			
197	13Q91D5805	5158M	ORIENTED ARCHITECTURE	R13	1	2
198	13Q91D5805	5158N	GRID AND CLOUD COMPUTING	R13	1	2
199	13Q91D5805	5158Q	DATABASE SECURITY	R13	1	2
200	13Q91D5805	5158T	INFORMATION RETRIEVAL SYSTEMS	R13	1	2
201	13Q91D5813	51583	SEMINAR	R13	1	1
			ADVANCED DATA STRUCTURE AND			
202	13Q91D5813	51585	ALGORITHMS LAB	R13	1	1
203	13Q91D5813	5158A	COMPUTER SYSTEM DESIGN	R13	1	1
204	13Q91D5813	5158B	ADVANCED OPERATING SYSTEMS	R13	1	1
205	13Q91D5813	5158C	DISTRIBUTED SYSTEMS	R13	1	1
			ADVANCED DATA STRUCTURES AND			
206	13Q91D5813	5158D	ALGORITHMS	R13	1	1
			SOFTWARE PROCESS AND PROJECT			
207	13Q91D5813	5158G	MANAGEMENT	R13	1	1
			SOFTWARE ARCHITECTURE AND			
208	13Q91D5813	5158J	DESIGN PATTERNS	R13	1	1
209	13Q91D5813	51584	SEMINAR	R13	1	2
210	13Q91D5813	51586	WEB SERVICES LAB	R13	1	2
211	13Q91D5813	5158K	ADVANCED NETWORK PROGRAMMING	R13	1	2
212	13Q91D5813	5158L	ADVANCED DATABASES	R13	1	2
			WEB SERVICES AND SERVICE			
213	13Q91D5813	5158M	ORIENTED ARCHITECTURE	R13	1	2
214	13Q91D5813	5158N	GRID AND CLOUD COMPUTING	R13	1	2
215	13Q91D5813	5158Q	DATABASE SECURITY	R13	1	2
216	13Q91D5813	5158T	INFORMATION RETRIEVAL SYSTEMS	R13	1	2
217	13Q91D5813	525808	PROJECT WORK REVIEW I	R15	2	1
218	13Q91D7705	5177N	DESIGN FOR TESTABILITY	R13	1	2

219	13Q91D7721	5177D	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R13	1	1
220	13Q91D7721	5177I	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R13	1	1
221	13Q96D2107	5121M	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	2
222	13Q96D2110	5121N	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
223	13Q96D2112	51215	THERMAL ENGINEERING LAB	R13	1	1
224	13Q96D2112	5121A	ADVANCED FLUID MECHANICS	R13	1	1
225	13Q96D2112	5121B	ADVANCED HEAT & MASS TRANSFER	R13	1	1
226	13Q96D2112	5121C	ADVANCED THERMODYNAMICS	R13	1	1
227	13Q96D2112	5121D	ADVANCED OPTIMIZATION TECHNIQUES & APPLICATIONS	R13	1	1
228	13Q96D2112	5121G	SOLAR ENERGY TECHNOLOGY NON-CONVENTIONAL ENERGY SOURCES	R13	1	1
229	13Q96D2112	5121I	COMPUTATIONAL METHODS LAB	R13	1	2
230	13Q96D2112	51216	FUELS COMBUSTION & ENVIRONMENT	R13	1	2
231	13Q96D2112	5121K	ENERGY MANAGEMENT	R13	1	2
232	13Q96D2112	5121L	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	2
233	13Q96D2112	5121M	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
234	13Q96D2112	5121N	THERMAL & NUCLEAR POWER PLANTS	R13	1	2
235	13Q96D2112	5121Q	REFRIGERATION & AIR-CONDITIONING	R13	1	2
236	13Q96D2112	5121S	ADVANCED DATA STRUCTURES AND ALGORITHMS	R13	1	1
237	13Q96D5805	5158D	MICROCONTROLLERS FOR EMBEDDED SYSTEM DESIGN	R13	1	1
238	13Q96D7701	5177A	VLSI TECHNOLOGY AND DESIGN	R13	1	1
239	13Q96D7701	5177B	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R13	1	1
240	13Q96D7701	5177D	DIGITAL SYSTEM DESIGN	R13	1	1
241	13Q96D7701	5177F	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R13	1	1
242	13Q96D7701	5177I	EMBEDDED C	R13	1	2
243	13Q96D7701	5177K	CMOS MIXED SIGNAL CIRCUIT DESIGN	R13	1	2
244	13Q96D7701	5177L	EMBEDDED REAL TIME OPERATING SYSTEMS	R13	1	2
245	13Q96D7701	5177M	DESIGN FOR TESTABILITY	R13	1	2
246	13Q96D7701	5177N	SYSTEM ON CHIP ARCHITECTURE	R13	1	2
247	13Q96D7701	5177P	LOW POWER VLSI DESIGN	R13	1	2
248	13Q96D7701	5177S	DIGITAL SYSTEM DESIGN	R13	1	1
249	13Q96D7708	5177F	MICROCONTROLLERS FOR EMBEDDED SYSTEM DESIGN	R13	1	1
250	13Q96D7716	5177A	VLSI TECHNOLOGY AND DESIGN	R13	1	1
251	13Q96D7716	5177B	CPLD AND FPGA ARCHITECTURES AND APPLICATIONS	R13	1	1
252	13Q96D7716	5177C	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R13	1	1
253	13Q96D7716	5177D	DIGITAL SYSTEM DESIGN	R13	1	1
254	13Q96D7716	5177F	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R13	1	1
255	13Q96D7716	5177I	DESIGN	R13	1	1

256	13Q96D7716	5177M	EMBEDDED REAL TIME OPERATING SYSTEMS	R13	1	2
257	13Q96D7809	5178B	WEB TECHNOLOGIES AND SERVICES	R13	1	1
258	13Q96D7809	5178C	ADVANCED DATA STRUCTURES AND ALGORITHMS	R13	1	1
259	13Q96D7809	5178G	INFORMATION RETRIEVAL SYSTEMS	R13	1	1
260	13Q96D7809	5178M	INFORMATION SECURITY MANAGEMENT AND STANDARD	R13	1	2
261	13Q96D7809	5178N	AD HOC AND SENSOR NETWORKS	R13	1	2
262	13Q96D7809	5178S	NETWORK MANAGEMENT SYSTEMS	R13	1	2
263	13Q96D7813	5178G	INFORMATION RETRIEVAL SYSTEMS	R13	1	1
264	13Q96D7813	5178J	NETWORK PROGRAMMING	R13	1	1
265	14Q91D0411	5104N	INDUSTRIAL ROBOTICS	R13	1	2
266	14Q91D2103	5121N	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
267	14Q91D7709	5177A	MICROCONTROLLERS FOR EMBEDDED SYSTEM DESIGN	R13	1	1
268	14Q91D7709	5177B	VLSI TECHNOLOGY AND DESIGN	R13	1	1
269	14Q91D7709	5177D	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R13	1	1
270	14Q91D7709	5177I	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R13	1	1
271	14Q91D7709	5177M	EMBEDDED REAL TIME OPERATING SYSTEMS	R13	1	2
272	14Q91D7709	5177N	DESIGN FOR TESTABILITY	R13	1	2
273	14Q91D7709	5177P	SYSTEM ON CHIP ARCHITECTURE	R13	1	2
274	14Q91D7709	5177S	LOW POWER VLSI DESIGN	R13	1	2
275	14Q91D7710	5177A	MICROCONTROLLERS FOR EMBEDDED SYSTEM DESIGN	R13	1	1
276	14Q91D7710	5177B	VLSI TECHNOLOGY AND DESIGN	R13	1	1
277	14Q91D7710	5177C	CPLD AND FPGA ARCHITECTURES AND APPLICATIONS	R13	1	1
278	14Q91D7710	5177I	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R13	1	1
279	14Q91D7710	5177K	EMBEDDED C	R13	1	2
280	14Q91D7710	5177M	EMBEDDED REAL TIME OPERATING SYSTEMS	R13	1	2
281	14Q91D7710	5177N	DESIGN FOR TESTABILITY	R13	1	2
282	14Q91D7710	5177P	SYSTEM ON CHIP ARCHITECTURE	R13	1	2
283	14Q91D7710	5177S	LOW POWER VLSI DESIGN	R13	1	2
284	14Q91D7711	5177B	VLSI TECHNOLOGY AND DESIGN	R13	1	1
285	14Q96D0404	5104B	DESIGN FOR MANUFACTURING AND ASSEMBLY	R13	1	1
286	14Q96D0404	5104K	DESIGN OF HYDRAULICS AND PNEUMATICS SYSTEMS	R13	1	2
287	14Q96D0404	5104L	FLEXIBLE MANUFACTURING SYSTEMS	R13	1	2
288	14Q96D0404	5104Q	AUTOMATION IN MANUFACTURING	R13	1	2
289	14Q96D0407	5104A	PRECISION ENGINEERING	R13	1	1
290	14Q96D0407	5104B	DESIGN FOR MANUFACTURING AND ASSEMBLY	R13	1	1
291	14Q96D0407	5104C	ADVANCED CAD	R13	1	1
292	14Q96D0407	5104D	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	1

293	14Q96D0407	5104E	ADVANCED MECHATRONICS	R13	1	1
294	14Q96D0407	5104I	TOTAL QUALITY MANAGEMENT	R13	1	1
295	14Q96D0407	51046	COMPUTER AIDED MACHINING AND ROBOTICS LAB	R13	1	2
296	14Q96D0407	5104K	DESIGN OF HYDRAULICS AND PNEUMATICS SYSTEMS	R13	1	2
297	14Q96D0407	5104L	FLEXIBLE MANUFACTURING SYSTEMS	R13	1	2
298	14Q96D0407	5104M	COMPUTER AIDED MANUFACTURING	R13	1	2
299	14Q96D0407	5104N	INDUSTRIAL ROBOTICS	R13	1	2
300	14Q96D0407	5104Q	AUTOMATION IN MANUFACTURING	R13	1	2
301	14Q96D0407	5104T	COMPUTER AIDED PROCESS PLANNING	R13	1	2
302	14Q96D2103	51215	THERMAL ENGINEERING LAB	R13	1	1
303	14Q96D2103	5121A	ADVANCED FLUID MECHANICS	R13	1	1
304	14Q96D2103	5121B	ADVANCED HEAT & MASS TRANSFER	R13	1	1
305	14Q96D2103	5121C	ADVANCED THERMODYNAMICS	R13	1	1
306	14Q96D2103	5121D	ADVANCED OPTIMIZATION TECHNIQUES & APPLICATIONS	R13	1	1
307	14Q96D2103	5121G	SOLAR ENERGY TECHNOLOGY NON-CONVENTIONAL ENERGY	R13	1	1
308	14Q96D2103	5121I	SOURCES	R13	1	1
309	14Q96D2103	51214	SEMINAR	R13	1	2
310	14Q96D2103	51216	COMPUTATIONAL METHODS LAB	R13	1	2
311	14Q96D2103	5121K	FUELS COMBUSTION & ENVIRONMENT	R13	1	2
312	14Q96D2103	5121L	ENERGY MANAGEMENT	R13	1	2
313	14Q96D2103	5121M	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	2
314	14Q96D2103	5121N	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
315	14Q96D2103	5121Q	THERMAL & NUCLEAR POWER PLANTS	R13	1	2
316	14Q96D2103	5121S	REFRIGERATION & AIR-CONDITIONING	R13	1	2
317	14Q96D2105	5121A	ADVANCED FLUID MECHANICS	R13	1	1
318	14Q96D2105	5121B	ADVANCED HEAT & MASS TRANSFER	R13	1	1
319	14Q96D2105	5121K	FUELS COMBUSTION & ENVIRONMENT	R13	1	2
320	14Q96D2106	5121A	ADVANCED FLUID MECHANICS	R13	1	1
321	14Q96D2106	5121B	ADVANCED HEAT & MASS TRANSFER	R13	1	1
322	14Q96D2106	5121D	ADVANCED OPTIMIZATION TECHNIQUES & APPLICATIONS	R13	1	1
323	14Q96D2106	5121G	SOLAR ENERGY TECHNOLOGY NON-CONVENTIONAL ENERGY	R13	1	1
324	14Q96D2106	5121I	SOURCES	R13	1	1
325	14Q96D2106	51214	SEMINAR	R13	1	2
326	14Q96D2106	51216	COMPUTATIONAL METHODS LAB	R13	1	2
327	14Q96D2106	5121K	FUELS COMBUSTION & ENVIRONMENT	R13	1	2
328	14Q96D2106	5121L	ENERGY MANAGEMENT	R13	1	2
329	14Q96D2106	5121M	ADVANCED FINITE ELEMENT ANALYSIS	R13	1	2
330	14Q96D2106	5121N	COMPUTATIONAL FLUID DYNAMICS	R13	1	2
331	14Q96D2106	5121Q	THERMAL & NUCLEAR POWER PLANTS	R13	1	2
332	14Q96D2106	5121S	REFRIGERATION & AIR-CONDITIONING	R13	1	2
333	14Q96D7802	5178A	ADVANCED COMPUTER NETWORKS	R13	1	1
334	14Q96D7802	5178C	ADVANCED DATA STRUCTURES AND ALGORITHMS	R13	1	1

			PRINCIPLES OF INFORMATION			
335	14Q96D7802	5178D	SECURITY	R13	1	1
336	14Q96D7802	5178J	NETWORK PROGRAMMING	R13	1	1
337	14Q96D7802	5178K	WIRELESS NETWORKS AND MOBILE COMPUTING	R13	1	2
338	14Q96D7802	5178L	APPLICATIONS OF NETWORK SECURITY INFORMATION SECURITY MANAGEMENT	R13	1	2
339	14Q96D7802	5178M	AND STANDARD	R13	1	2
340	14Q96D7802	5178N	AD HOC AND SENSOR NETWORKS	R13	1	2
341	14Q96D7802	5178P	DATABASE SECURITY	R13	1	2
342	14Q96D7802	5178S	NETWORK MANAGEMENT SYSTEMS	R13	1	2
343	14Q96D7810	51785	ADVANCED DATA STRUCTURES AND ALGORITHMS LAB	R13	1	1
344	14Q96D7810	5178A	ADVANCED COMPUTER NETWORKS	R13	1	1
345	14Q96D7810	5178B	WEB TECHNOLOGIES AND SERVICES	R13	1	1
346	14Q96D7810	5178C	ADVANCED DATA STRUCTURES AND ALGORITHMS	R13	1	1
347	14Q96D7810	5178D	PRINCIPLES OF INFORMATION SECURITY	R13	1	1
348	14Q96D7810	5178G	INFORMATION RETRIEVAL SYSTEMS	R13	1	1
349	14Q96D7810	5178J	NETWORK PROGRAMMING	R13	1	1
350	14Q96D7810	51784	SEMINAR	R13	1	2
351	14Q96D7810	51786	INFORMATION SECURITY AND APPLICATIONS LAB	R13	1	2
352	14Q96D7810	5178K	WIRELESS NETWORKS AND MOBILE COMPUTING	R13	1	2
353	14Q96D7810	5178L	APPLICATIONS OF NETWORK SECURITY INFORMATION SECURITY MANAGEMENT	R13	1	2
354	14Q96D7810	5178M	AND STANDARD	R13	1	2
355	14Q96D7810	5178N	AD HOC AND SENSOR NETWORKS	R13	1	2
356	14Q96D7810	5178P	DATABASE SECURITY	R13	1	2
357	14Q96D7810	5178S	NETWORK MANAGEMENT SYSTEMS	R13	1	2
358	14Q96D7810	527808	PROJECT WORK REVIEW I	R15	2	1
359	14Q96D7813	5178C	ADVANCED DATA STRUCTURES AND ALGORITHMS	R13	1	1
360	15Q91D0410	520405	ADVANCED CAD / CAM LAB	R15	1	1
361	15Q91D0410	5204AA	ADVANCED CAD	R15	1	1
362	15Q91D0410	5204AB	COMPUTER AIDED MANUFACTURING	R15	1	1
363	15Q91D0410	5204AC	ADVANCED FEM	R15	1	1
364	15Q91D0410	5204AD	MECHANICAL BEHAVIOUR OF MATERIALS	R15	1	1
365	15Q91D0410	5204AG	AUTOMATION IN MANUFACTURING PRODUCTION AND OPERATIONS	R15	1	1
366	15Q91D0410	5204AM	MANAGEMENT	R15	1	1
367	15Q91D0410	520406	MANUFACTURING SIMULATION & PRECISION ENGINEERING LAB	R15	1	2
368	15Q91D0410	5204AN	DESIGN FOR MANUFACTURING AND ASSEMBLY	R15	1	2
369	15Q91D0410	5204AP	FLEXIBLE MANUFACTURING SYSTEMS	R15	1	2

370	15Q91D0410	5204AQ	INDUSTRIAL ROBOTICS INTELLIGENT MANUFACTURING	R15	1	2
371	15Q91D0410	5204AR	SYSTEMS	R15	1	2
372	15Q91D0410	5204AV	ADVANCED MECHATRONICS QUALITY ENGINEERING IN	R15	1	2
373	15Q91D0410	5204AZ	MANUFACTURING	R15	1	2
374	16Q91D7701	5277AB	VLSI TECHNOLOGY	R15	1	1
375	16Q91D7701	5277AP	LOW POWER VLSI DESIGN	R15	1	2
376	16Q91D7701	5277AQ	CMOS MIXED SIGNAL CIRCUIT DESIGN	R15	1	2
377	16Q91D7701	5277AX	DESIGN FOR TESTABILITY	R15	1	2
378	16Q91D7701	5277BA	IMAGE AND VIDEO PROCESSING	R15	1	2
379	16Q91D7703	5277AA	EMBEDDED SYSTEM DESIGN	R15	1	1
380	16Q91D7703	5277AB	VLSI TECHNOLOGY	R15	1	1
381	16Q91D7703	5277AQ	CMOS MIXED SIGNAL CIRCUIT DESIGN	R15	1	2
382	16Q91D7703	5277AX	DESIGN FOR TESTABILITY	R15	1	2
383	16Q91D7703	5277BA	IMAGE AND VIDEO PROCESSING	R15	1	2
384	16Q91D7708	5277AA	EMBEDDED SYSTEM DESIGN	R15	1	1
385	16Q91D7708	5277AB	VLSI TECHNOLOGY	R15	1	1
386	16Q91D7708	5277AE	DIGITAL SYSTEM DESIGN CPLD AND FPGA ARCHITECTURES AND	R15	1	1
387	16Q91D7708	5277AJ	APPLICATIONS	R15	1	1
388	16Q91D7708	5277AM	ADVANCED DATA COMMUNICATIONS	R15	1	1
389	16Q91D7708	5277AP	LOW POWER VLSI DESIGN	R15	1	2
390	16Q91D7708	5277AQ	CMOS MIXED SIGNAL CIRCUIT DESIGN	R15	1	2
391	16Q91D7708	5277AR	REAL TIME OPERATING SYSTEMS	R15	1	2
392	16Q91D7708	5277AU	SYSTEM ON CHIP ARCHITECTURE	R15	1	2
393	16Q91D7708	5277AX	DESIGN FOR TESTABILITY	R15	1	2
394	16Q91D7708	5277BA	IMAGE AND VIDEO PROCESSING	R15	1	2
395	16Q91D7710	5277AE	DIGITAL SYSTEM DESIGN	R15	1	1
396	16Q91D7710	5277AX	DESIGN FOR TESTABILITY REFRIGERATION AND AIR	R15	1	2
397	17Q91D2106	5421AN	CONDITIONING PRINCIPLES OF ELECTRONIC	R17	1	2
398	17Q91D5801	5404AZ	COMMUNICATIONS	R17	1	1
399	17Q91D5801	5458AA	ADVANCED ALGORITHMS	R17	1	1
400	17Q91D5801	5458AB	COMPUTER NETWORKING	R17	1	1
401	17Q91D5801	5458AC	SOFTWARE ENGINEERING	R17	1	1
402	17Q91D5801	5458AG	INTERNET OF THINGS	R17	1	1
403	17Q91D5801	5458AM	EMBEDDED SYSTEMS	R17	1	1
404	17Q91D5801	5402BZ	ENERGY FROM WASTE INTERNET TECHNOLOGIES AND	R17	1	2
405	17Q91D5801	545803	SERVICES LAB	R17	1	2
406	17Q91D5801	5458AN	NETWORK PROGRAMMING DISTRIBUTED SYSTEMS AND CLOUD	R17	1	2
407	17Q91D5801	5458AP	COMPUTING	R17	1	2
408	17Q91D5801	5458AQ	THEORY OF COMPUTATION	R17	1	2
409	17Q91D5801	5458AV	CYBER SECURITY	R17	1	2
410	17Q91D5801	5458AW	BIG DATA ANALYTICS PRINCIPLES OF ELECTRONIC	R17	1	2
411	17Q91D5809	5404AZ	COMMUNICATIONS	R17	1	1
412	17Q91D5809	5458AA	ADVANCED ALGORITHMS	R17	1	1

413	17Q91D5809	5458AB	COMPUTER NETWORKING	R17	1	1
414	17Q91D5809	5458AC	SOFTWARE ENGINEERING	R17	1	1
415	17Q91D5809	5458AG	INTERNET OF THINGS	R17	1	1
416	17Q91D5809	5458AM	EMBEDDED SYSTEMS	R17	1	1
417	17Q91D5809	5402BZ	ENERGY FROM WASTE	R17	1	2
			INTERNET TECHNOLOGIES AND			
418	17Q91D5809	545803	SERVICES LAB	R17	1	2
419	17Q91D5809	5458AN	NETWORK PROGRAMMING	R17	1	2
			DISTRIBUTED SYSTEMS AND CLOUD			
420	17Q91D5809	5458AP	COMPUTING	R17	1	2
421	17Q91D5809	5458AQ	THEORY OF COMPUTATION	R17	1	2
422	17Q91D5809	5458AV	CYBER SECURITY	R17	1	2
423	17Q91D5809	5458AW	BIG DATA ANALYTICS	R17	1	2
424	17Q91D5813	5458AB	COMPUTER NETWORKING	R17	1	1
425	17Q91D5813	5458AM	EMBEDDED SYSTEMS	R17	1	1
426	17Q91D5813	5402BZ	ENERGY FROM WASTE	R17	1	2
427	17Q91D5813	5458AN	NETWORK PROGRAMMING	R17	1	2
			DISTRIBUTED SYSTEMS AND CLOUD			
428	17Q91D5813	5458AP	COMPUTING	R17	1	2
429	17Q91D5813	5458AV	CYBER SECURITY	R17	1	2
430	17Q91D7701	5477AB	VLSI TECHNOLOGY	R17	1	1
431	17Q91D7701	5477AN	LOW POWER VLSI DESIGN	R17	1	2
			CMOS ANALOG INTEGRATED CIRCUIT			
432	17Q91D7709	5477AC	DESIGN	R17	1	1
433	17Q91D7709	5477AN	LOW POWER VLSI DESIGN	R17	1	2
434	17Q91D7709	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
435	17Q91D7709	5477AV	DESIGN FOR TESTABILITY	R17	1	2
			ELECTRICAL INSTALLATION AND			
436	17Q96D7709	5402ZZ	SAFETY	R17	1	1
437	17Q96D7709	547701	VLSI LABORATORY	R17	1	1
438	17Q96D7709	5477AA	EMBEDDED SYSTEM DESIGN	R17	1	1
439	17Q96D7709	5477AB	VLSI TECHNOLOGY	R17	1	1
			CMOS ANALOG INTEGRATED CIRCUIT			
440	17Q96D7709	5477AC	DESIGN	R17	1	1
441	17Q96D7709	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
			CMOS DIGITAL INTEGRATED CIRCUIT			
442	17Q96D7709	5477AH	DESIGN	R17	1	1
443	17Q96D7709	5402DZ	RELIABILITY ENGINEERING	R17	1	2
444	17Q96D7709	547703	EMBEDDED SYSTEMS LABORATORY	R17	1	2
445	17Q96D7709	5477AN	LOW POWER VLSI DESIGN	R17	1	2
446	17Q96D7709	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
447	17Q96D7709	5477AQ	REAL TIME OPERATING SYSTEMS	R17	1	2
448	17Q96D7709	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2
449	17Q96D7709	5477AV	DESIGN FOR TESTABILITY	R17	1	2
			ELECTRICAL INSTALLATION AND			
450	17Q96D7710	5402ZZ	SAFETY	R17	1	1
451	17Q96D7710	5477AB	VLSI TECHNOLOGY	R17	1	1
452	17Q96D7710	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
453	17Q96D7710	5477AN	LOW POWER VLSI DESIGN	R17	1	2
454	17Q96D7710	5477AQ	REAL TIME OPERATING SYSTEMS	R17	1	2
455	17Q96D7710	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2

456	17Q96D7712	5477AA	EMBEDDED SYSTEM DESIGN	R17	1	1
457	17Q96D7712	5477AB	VLSI TECHNOLOGY	R17	1	1
458	17Q96D7712	5477AC	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R17	1	1
459	17Q96D7712	5402DZ	RELIABILITY ENGINEERING	R17	1	2
460	17Q96D7712	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
461	17Q96D7712	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2
462	17Q96D7712	5477AV	DESIGN FOR TESTABILITY	R17	1	2
463	18Q91D0403	5402AZ	RENEWABLE ENERGY SYSTEMS	R17	1	1
464	18Q91D0403	540401	ADVANCED CAD/CAM LABORATORY	R17	1	1
465	18Q91D0403	5404AA	ADVANCED CAD	R17	1	1
466	18Q91D0403	5404AB	COMPUTER AIDED MANUFACTURING	R17	1	1
467	18Q91D0403	5404AC	ADVANCED FEM	R17	1	1
468	18Q91D0403	5404AD	MECHANICAL BEHAVIOR OF MATERIALS	R17	1	1
469	18Q91D0403	5404AG	AUTOMATION IN MANUFACTURING	R17	1	1
470	18Q91D0403	5402BZ	ENERGY FROM WASTE	R17	1	2
471	18Q91D0403	540403	MANUFACTURING SIMULATION & PRECISION ENGINEERING LAB	R17	1	2
472	18Q91D0403	540404	SEMINAR - II	R17	1	2
473	18Q91D0403	5404AN	DESIGN FOR MANUFACTURING AND ASSEMBLY	R17	1	2
474	18Q91D0403	5404AP	FLEXIBLE MANUFACTURING SYSTEMS	R17	1	2
475	18Q91D0403	5404AQ	INDUSTRIAL ROBOTICS	R17	1	2
476	18Q91D0403	5404AT	SPECIAL MANUFACTURING PROCESS	R17	1	2
477	18Q91D0403	5404AV	ADVANCED MECHATRONICS	R17	1	2
478	18Q91D0403	540408	PROJECT WORK REVIEW III	R17	2	2
479	18Q91D2107	5421AC	ADVANCED FLUID MECHANICS	R17	1	1
480	18Q91D5803	5404AZ	PRINCIPLES OF ELECTRONIC COMMUNICATIONS	R17	1	1
481	18Q91D5803	545801	ADVANCED ALGORITHMS LAB	R17	1	1
482	18Q91D5803	5458AA	ADVANCED ALGORITHMS	R17	1	1
483	18Q91D5803	5458AB	COMPUTER NETWORKING	R17	1	1
484	18Q91D5803	5458AC	SOFTWARE ENGINEERING	R17	1	1
485	18Q91D5803	5458AG	INTERNET OF THINGS	R17	1	1
486	18Q91D5803	5458AK	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	R17	1	1
487	18Q91D5803	5402BZ	ENERGY FROM WASTE	R17	1	2
488	18Q91D5803	545803	INTERNET TECHNOLOGIES AND SERVICES LAB	R17	1	2
489	18Q91D5803	5458AN	NETWORK PROGRAMMING	R17	1	2
490	18Q91D5803	5458AP	DISTRIBUTED SYSTEMS AND CLOUD COMPUTING	R17	1	2
491	18Q91D5803	5458AQ	THEORY OF COMPUTATION	R17	1	2
492	18Q91D5803	5458AV	CYBER SECURITY	R17	1	2
493	18Q91D5803	5458AW	BIG DATA ANALYTICS	R17	1	2
494	18Q91D5803	545808	PROJECT WORK REVIEW III	R17	2	2
495	18Q91D5809	5404AZ	PRINCIPLES OF ELECTRONIC COMMUNICATIONS	R17	1	1
496	18Q91D5809	5458AA	ADVANCED ALGORITHMS	R17	1	1
497	18Q91D5809	5458AB	COMPUTER NETWORKING	R17	1	1

498	18Q91D5809	5458AC	SOFTWARE ENGINEERING	R17	1	1
499	18Q91D5809	5458AG	INTERNET OF THINGS	R17	1	1
500	18Q91D5809	5458AK	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	R17	1	1
501	18Q91D5809	5458AN	NETWORK PROGRAMMING	R17	1	2
502	18Q91D5809	5458AQ	THEORY OF COMPUTATION	R17	1	2
503	18Q91D5809	5458AW	BIG DATA ANALYTICS	R17	1	2
504	18Q91D5813	5404AZ	PRINCIPLES OF ELECTRONIC COMMUNICATIONS	R17	1	1
505	18Q91D7701	5477AC	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R17	1	1
506	18Q91D7706	547701	VLSI LABORATORY	R17	1	1
507	18Q91D7706	5477AA	EMBEDDED SYSTEM DESIGN	R17	1	1
508	18Q91D7706	5477AB	VLSI TECHNOLOGY	R17	1	1
509	18Q91D7706	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
510	18Q91D7706	5477AH	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R17	1	1
511	18Q91D7706	547703	EMBEDDED SYSTEMS LABORATORY	R17	1	2
512	18Q91D7706	5477AN	LOW POWER VLSI DESIGN	R17	1	2
513	18Q91D7706	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
514	18Q91D7708	5477AB	VLSI TECHNOLOGY	R17	1	1
515	18Q91D7708	5477AC	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R17	1	1
516	18Q91D7708	5477AV	DESIGN FOR TESTABILITY	R17	1	2
517	18Q91D7711	5402AZ	RENEWABLE ENERGY SYSTEMS	R17	1	1
518	18Q91D7711	547701	VLSI LABORATORY	R17	1	1
519	18Q91D7711	5477AA	EMBEDDED SYSTEM DESIGN	R17	1	1
520	18Q91D7711	5477AB	VLSI TECHNOLOGY	R17	1	1
521	18Q91D7711	5477AC	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R17	1	1
522	18Q91D7711	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
523	18Q91D7711	5477AH	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R17	1	1
524	18Q91D7711	5402BZ	ENERGY FROM WASTE	R17	1	2
525	18Q91D7711	547703	EMBEDDED SYSTEMS LABORATORY	R17	1	2
526	18Q91D7711	5477AN	LOW POWER VLSI DESIGN	R17	1	2
527	18Q91D7711	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
528	18Q91D7711	5477AQ	REAL TIME OPERATING SYSTEMS	R17	1	2
529	18Q91D7711	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2
530	18Q91D7711	5477AV	DESIGN FOR TESTABILITY	R17	1	2
531	18Q96D7701	5477AN	LOW POWER VLSI DESIGN	R17	1	2
532	18Q96D7705	5402AZ	RENEWABLE ENERGY SYSTEMS	R17	1	1
533	18Q96D7705	547701	VLSI LABORATORY	R17	1	1
534	18Q96D7705	5477AA	EMBEDDED SYSTEM DESIGN	R17	1	1
535	18Q96D7705	5477AB	VLSI TECHNOLOGY	R17	1	1
536	18Q96D7705	5477AC	CMOS ANALOG INTEGRATED CIRCUIT DESIGN	R17	1	1
537	18Q96D7705	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
538	18Q96D7705	5477AH	CMOS DIGITAL INTEGRATED CIRCUIT DESIGN	R17	1	1
539	18Q96D7705	5402BZ	ENERGY FROM WASTE	R17	1	2

540	18Q96D7705	547703	EMBEDDED SYSTEMS LABORATORY	R17	1	2
541	18Q96D7705	5477AN	LOW POWER VLSI DESIGN	R17	1	2
542	18Q96D7705	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
543	18Q96D7705	5477AQ	REAL TIME OPERATING SYSTEMS	R17	1	2
544	18Q96D7705	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2
545	18Q96D7705	5477AV	DESIGN FOR TESTABILITY	R17	1	2
546	18Q96D7709	5477AB	VLSI TECHNOLOGY	R17	1	1
			CMOS ANALOG INTEGRATED CIRCUIT			
547	18Q96D7709	5477AC	DESIGN	R17	1	1
548	18Q96D7709	5477AE	DIGITAL SYSTEM DESIGN	R17	1	1
			CMOS DIGITAL INTEGRATED CIRCUIT			
549	18Q96D7709	5477AH	DESIGN	R17	1	1
550	18Q96D7709	5477AN	LOW POWER VLSI DESIGN	R17	1	2
551	18Q96D7709	5477AP	CMOS MIXED SIGNAL CIRCUIT DESIGN	R17	1	2
552	18Q96D7709	5477AT	SYSTEM ON CHIP ARCHITECTURE	R17	1	2
553	18Q96D7709	5477AV	DESIGN FOR TESTABILITY	R17	1	2