NO	TITLE
1	CEEB 223 Introduction to Environmental Engineering
2	Image processing - EEEB 473 - Semester 1, 2003/2004
3	Control systems - EEEB 323/324, Semester 1, 2006/2007
4	Engineering measurement & lab - MESB 203/333 - Semester 2, 2008/2009
5	Soil mechanics II - CEGB 333 - Semester 1, 2008/2009
6	Engineering materials - METB 263/METB 113 - Semester 1, 2008/2011
7	Thermodynamics I - MEHB 213 - Semester 1, 2008/2011
8	Foundation engineering I - CEGB 423 - Semester 1, 2008/2009
9	Hydrology & hydraulic engineering I - CEWB 223 - Semester 2, 2008/2009
10	Civil engineering materials - CEMB 113 - Semester 1, 2008/2009
11	Highway and transportation engineering - CETB 414 - Semester 1, 2008/2009
12	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2008/2009
13	Manufacturing processes - MEFB 213 - Semester 1, 2008/2009
14	Introduction to environmental engineering - CEEB 223 - Semester 1, 2008/2009
15	Introduction to robotics - EEEB 493 - Semester June, 2003
16	Image processing - EEEB 473 - Semester 1, 2008/2009
17	Surveying for engineers - CEVB 213 - Semester 1, 2008/2009
18	Theory of machines - MEMB 263 - Semester 2, 2013/2014
19	Water resources engineering - CEWB 423 - Semester 1, 2008/2009
20	Reinforced concrete design II - CESB 423 - Semester 1, 2008/2009
21	Theory of machines - MEMB 263 - Semester 1, 20016/2017
22	Water resources engineering - CEWB 423 - Semester 2, 2008/2009
23	Structural analysis 1 - CESB223 - Semester 1, 2008/2009
24	Circuit analysis I - EEEB 113 - Semester 1, 2008/2009
25	Data network architecture and electronics - EECB 473 - Semester 1, 2008/2009
26	Engineering mechanics I : statics - CECB 113 - Semester 2, 2008/2009
27	Numerical methods for civil engineers - CECB 423 - Semester 2, 2008/2009
28	Surveying for engineers - CEVB 213 - Semester 2, 2008/2009
29	Mechanics of fluids - CEWB 123 - Semester 1, 2008/2009
30	Process control & instrumentation - EEIB 413 - Semester 1, 2008/2009
31	RF & microwave engineering - EECB 493 - Semester 1, 2008/2009
32	Electrical safety & hazards - EEPB 423 - Semester 2, 2008/2009
33	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2008/2009
34	Electronics analysis & design I - EEEB 143/EEEB 244 - Semester 1, 2008/2009
35	Repair, assessment and rehabilitation - CESB 483 - Semester 1, 2008/2009
36	Highway design and traffic engineering - CETB 423 - Semester 1, 2008/2009
37	RF & microwave engineering - EECB 493 - Semester 2, 2008/2009
38	Mechanics I : Statics - CECB 113 - Semester 1, 2006/2007
39	Strucutral analysis II - CESB 413/CESB 353 - Semester 1, 2006/2007
40	Numerical methods for engineers - CECB 423 - Semester 1, 2006/2007
41	Introductory calculus and analytic geometry - MATF 115 - Trimester 3, 2009/2010
42	Advanced microprocessor - ECEB 473 - Semester 1, 2008/2010
43	Circuit analysis I - EEEB 113 - Semester 2, 2008/2010
44	Circuit analysis II - EEEB 123 - Semester 1, 2008/2010
45	Communication system - EEEB 453/EECB 353 - Semester 1, 2008/2010
46	Computer architecture - ECEB 483 - Semester 1, 2008/2010
47	Control System - EEEB 323/EEEB 324 - Semester 2, 2008/2010
48	Data communication and network - EECB 423 - Semester 1, 2008/2010
49	Data network architecture and electronics - EECB 473 - Semester 2, 2008/2010

50	Digital logic analysis & design - EEEB 163 - Semester 2, 2008/2010
51	Digital logic design - EEEB 163 - Semester 1, 2008/2010
52	Digital signal processing - EEEB 364 - Semester 1, 2005/2007
53	Electrical installations - EEPB 413 - Semester 2, 2008/2009
54	Electrical power system I - EEPB 353/EEPB 453 - Semester 1, 2008/2010
55	Engineering economics - COEB 442 - Semester 1, 2008/2010
56	Introduction to environmental engineering - CEEB 223 - Semester 1, 2006/2008
57	Reinforced concrete design I - CESB 343 - Semester 1, 2008/2009
58	Surveying for engineers - CEVB 213 - Semester 2, 2007/2008
59	Structural analysis II - CESB 353 - Semester 2, 2016/2017
60	Water and wastewater engineering - CEEB 313 - Semester 1, 2006/2007
61	Water and wastewater engineering I - CEEB 324 - Semester 1, 2006/2007
62	Solid waste management - CEEB 433 - Semester 1, 2006 / 2007)
63	Soil mechanics I : CEGB 313/CEGB 323 - Semester 1, 2005/2006
64	Foundation engineering I - CEGB 423 - Semester 1, 2006/2007
65	Civil engineering materials - CEMB 113 - Semester 1, 2006/2007
66	Reinforced concrete design I - CESB 343 - Semester 2, 2016/2017
67	Project management and construction - CEPB 323 - Semester , 2008/2009
68	Mechanical vibrations - MEMB 443 - Semester 2, 2008/2009
69	Soil mechanics 1 - CEGB 323 - Semester 1, 2008/2009
70	Mechanics II : Dynamics - MEMB 233 - Semester 2, 2008/2009
71	Numerical methods for civil engineers - CECB 423 - Semester 1, 2008/2009
72	Solid waste management - CEEB 433 - Semester 2, 2008/2009
73	Mechanics I : Statics - MEMB 123 - Semester 2, 2008/2009
74	Failure analysis and design - MEMB 463 - Semester 2, 2008/2009
75	Linear algebra - MATB 253/MATB 314 - Semester 2, 2008/2009
76	Mechanics of fluids - CEWB 123 - Semester 2, 2008/2009
77	Repair, assessment and rehabilitation - CESB 483 - Semester 2, 2008/2009
78	Highway and transportation engineering - CETB 414 - Semester 2, 2008/2009
79	Signals and systems - EEEB 233 - Semester 2, 2008/2009
80	Power System I - EEPB 353 - Semester 2, 2008/2009
81	Microprocessor systems - EEEB 373 - Semester 2, 2008/2009
82	Electro-mechanical systems - EEEB 413 - Semester 2, 2008/2009
83	Energy Conversions - EPEB 443 - Semester 2, 2008/2009
84	Power distribution engineering - EPEB 453 - Semester 2, 2008/2009
85	Semiconductor devices - EESB 313 - Semester 2, 2008/2009
86	Dynamic system modelling and analysis - MESB 313/374 - Semester 2, 2007/2008
87	Machine design - MEMB 333 - Semester 1, 2016/2017
88	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2008/2010
89	Digital signal processing - EEEB 363 - Semester 2, 2008/2010
90	Electrical installations - EEPB 413 - Semester 2, 2008/2010
91	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2008/2010
92	Foundation engineering II - CEGB 433 - Semester 2, 2006/2008
93	Mechanical vibrations - MEMB 343/MEMB 443 - Semester 2, 2013/2014
94	Engineering mechanics I : statics - CECB 113 - Semester 1, 2008/2009
95	Modeling and analysis of dynamic systems - MESB 313 - Semester 2, 2008/2009
96	Circuit analysis II - EEEB 224 - Semester 2, 2001/2002
97	Laser technology and application - CSEM 583 - Semester 3, 2011/2012
98	Engineering electromagnetics II - EEEB 483 - Semester 1, 2003/2004
99	Reinforced concrete design I - CESB 343 - Semester 1, 2008/2010

100	Control systems engineering I - EEEB 324 - Semester 2, 2001/2002
101	Geology - CEGB 212 - Semester 1, 2008/2009
102	Mechanical vibrations - MEMB 343 - Semester 1, 2016/2017
103	Water and wastewater engineering - CEEB 313 - Semester 2, 2008/2009
104	Computational fluid dynamics - MEHB 463 - Semester 2, 2008/2009
105	High voltage technology - EEPB 463 - Semester 2, 2008/2009
106	Water & wastewater engineering - CEEB 313 - Semester 1, 2008/2009
107	Finite element method - MEMB 423 - Semester 2, 2008/2009
108	Machine design - MEMB 333 - Semester 2, 2008/2009
109	Theory of machines - MEMB 263 - Semester 2, 2008/2009
110	Communication system - EEEB 453 - Semester 2, 2001/2002
111	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2008/2009
112	Mechanics of materials - CEMB 124 - Semester 1, 2008/2009
113	Image processing - EEEB 473 - Semester 2, 2008/2009
114	Physics II - PHYF 125 - Trimester 3, 2009/2010
115	Process control & instrumentation - EEIB 413 - Semester 2, 2008/2009
116	Power System II - EEPB 383/EEPB 483 - Semester 2, 2008/2009
117	Power quality - EPEB 413 - Semester 2, 2008/2009
118	Database systems - CISB 224/CCSB 244 - Semester 1, 2009/2010
119	Power electronics - EEEB 393/EEEB 433 - Semester 2, 2008/2009
120	Data communication and network - EECB 423 - Semester 2, 2001/2002
121	Random process - EEEB 383/EEEB 384 - Semester 2, 2008/2009
122	Electronics analysis & design II - EEEB 273 - Semester 1, 2008/2009
123	Signals and systems - EEEB 233 - Semester 1, 2008/2009
124	Control and drives - EEEB 443 - Semester 1, 2006/2007
125	Data network architecture and electronics - EECB 473 - Semester 2, 2001/2002
126	Electrical power systems II - EEPB 483 - Semester 2, 2001/2002
127	VLSI design - EESB 423 - Semester 2, 2008/2009
128	Random process - EEEB 383 - Semester 1, 2008/2009
129	microprocessor systems - EEEB 373/EEEB 374 - Semester 1, 2008/2009
130	electromagnetic fields and waves electromagnetics - EEEB 253/EEEB 354 - Semester 1, 2008/2009
131	Electronic analysis and design I - EEEB 244 - Semester 2, 2001/2002
132	Power electronics - EEEB 393 - Semester 1, 2008/2009
133	Electronics analysis and design II - EEEB 314 - Semester 2, 2001/2002
134	Differential equations - MATB 224 - Semester 1, 2003/2004
135	Engineering measurement and laboratory - MESB 333 - Semester 2, 2013/2014
136	Principles of management - COEB 432/MGTB 213 - Semester 1, 2008/2009
137	Failure analysis and design - MEMB 463 - Semester 1, 2016/2017
138	Mechanics of materials - MEMB 314 - Semester 2, 2004/2005
139	Analog IC - EESB 433 - Semester 2, 2008/2010
140	Computer architecture - ECEB 483 - Semester 2, 2008/2010
141	Control and drives - EEEB 443 - Semester 2, 2008/2010
142	Control systems - EEEB 323/EEEB 324 - Semester 1, 2008/2010
143	Control systems II - EEEB 423 - Semester 2, 2008/2010
144	Digital signal processing - EEEB 363 - Semester 1, 2008/2010
145	Electromagnetics - EEEB 354 - Semester 2, 2001/2003
146	Electronic analysis and design II - EEEB 273 - Semester 2, 2008/2010
147	Electronics analysis & design I - EEEB 143 - Semester 2, 2008/2010
148	Embedded system - EESB 493 - Semester 2, 2008/2010

149	Reinforced concrete design II - CESB 423 - Semester 2, 2008/2010
150	Automation & robotics - MESB 403 - Semester 2, 2013/2014
151	Automation & robotics - MESB 403 - Semester 2, 2007/2008
152	Linear algebra - MATB 314 - Semester 1, 2002/2003
153	RF & microwave engineering - EECB 493 - Semester 2, 2007/2008
154	Elements of mechatronics - MESB 413 - Semester 2, 2013/2014
155	Introduction to reactor physics - MENB 423 - Semester 1, 2016/2017
156	Dynamic system modeling and analysis - MESB 313/374 - Semester 1, 2008/2009
157	Thermodynamics II & advanced thermo-fluids - MEHB 312/MEHB 354 - Semester 1, 2008/2009
158	Engineering measurement and lab - MESB 203/MESB 333 - Semester 1, 2008/2009
159	Structural steel design I - CESB 333 - Semester 1, 2008/2009
160	Introduction to logic systems and process control - EEIB 244 - Semester 2, 2001/2002
161	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2013/2014
162	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2008/2009
163	Mechanics II : dynamics - MEMB 233 - Semester 1, 2008/2009
164	Machine design - MEMB 333 - Semester 1, 2008/2009
165	Power generation - MEHB 403 - Semester 1, 2008/2009
166	Civil engineering materials - CEMB 113 - Semester 1, 2007/2008
167	Heat transfer - MEHB 323 - Semester 1, 2009/2010
168	Introduction to environmental engineering - CEEB 223 - Semester 2, 2008/2009
169	Principles of Management - Semester 2, 2008/2009
170	Automation & robotics - MESB 403 - Semester 2, 2008/2009
171	Mechanics II : dynamics - MEMB 233 - Semester 1, 2009/2010
172	Audio & video technology - CGMB 544 - Semester 2, 2008/2009
173	Semiconductor devices - EESB 313 - Semester 2, 2007/2008
174	Statistics for engineers - MATB 133 - Semester 1, 2009/2010
175	Control systems II - EEEB 423 - Semester 1, 2008/2009
176	Modern applied mathematics - MATB 134 - Semester 2003/2004
177	Multimedia systems design - CGMB 234/CGMB 324/CGMB 344 - Semester 2, 2008/2009
178	Foundation engineering I - CEGB 423 - Semester 2, 2008/2009
179	Differential equations - MATB 224 - Semester 2, 2006/2007
180	Mechanics of material II - MEMD 242 - Semester 1, 2006/2007
181	Principles of management - COEB 432 - Semester 2, 2013/2014
182	Civil engineering materials - CEMB 113 - Semester 2, 2008/2009
183	Nuclear policy, security and safeguards - MENB 453 - Semester 1, 2016/2017
184	Industrial energy management - MEHB 453 - Semester 2, 2008/2009
185	Engineering materials - METB 113/263 - Semester 2, 2008/2009
186	Structural analysis I - CESB 223 - Semester 2, 2008/2009
187	Mechanics of materials I - MEMD 234 - Semester 1, 2006/2007
188	Advanced calculus and analytical geometry - MATB214 - Semester 2, 2006/2007
189	Mechanics of materials - MEMB 243 - Semester 1, 2009/2010
190	Differential equations - MATB 143/MATB 224 - Semester 2, 2008/2009
191	Soil mechanics II - CEGB 333 - Semester 2, 2008/2009
192	Mechatronic - MESB 413 - Semester 2, 2008/2009
193	Automation & robotics - MESB 403 - Semester 1, 2008/2010
194	Computational fluid dynamics - MEHB 463 - Semester 1, 2008/2010
195	Control and drives - EEEB 443 - Semester 1, 2008/2010

196	Engineering economics - COEB 442 - Semester 2, 2008/2010
197	Engineers in society - COEB 422 - Semester 1, 2008/2010
198	Environmental engineering - MEHB 443 - Semester 1, 2008/2010
199	Finite element method - MEMB 423 - Semester 1, 2008/2010
200	Heat transfer - MEHB 323 - Semester 1, 2008/2010
201	Industrial energy management - MEHB 453 - Semester 1, 2008/2010
202	Internal combustion engine - MEHB 493 - Semester 1, 2008/2010
203	Mechanical vibrations - MEMB 443 - Semester 1, 2008/2009
204	Mechanics I : statics - MEMB 123 - Semester 1, 2008/2010
205	Mechanics of fluids I - MEHB 223 - Semester 1, 2008/2010
206	Mechanics of fluids II - MEHB 332 - Semester 1, 2008/2010
207	Mechanics of materials - MEMB 243 - Semester 1, 2008/2010
208	Mechatronic - MESB 413 - Semester 1, 2008/2010
209	Theory of machines - MEMB 263 - Semester 1, 2008/2010
210	Turbomachinery - MEHB 423 - Semester 1, 2008/2010
211	Reservation of TNB bungalows
212	Differential equations - MATB 143/MATB 224 - Semester 1, 2009/2010
213	Structural steel design I - CESB 333 - Semester 2, 2008/2009
214	Automation and robotics - MESB 403 - Semester 2, 2004/2005
215	Project management and construction - CEPB 323 - Semester 2, 2008/2009
216	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 2, 2008/2009
217	Numerical methods for engineers - MATB 324/COEB 223 - Semester 1, 2007/2008
218	Mechanics of materials - CEMB 124 - Semester 2, 2008/2009
219	Logic systems and process control design - EEIB 263 - Semester 2, 2001/2002
220	Mechanics of materials - MEMB 243 - Semester 2, 2008/2009
221	Mechanical design - MEMD 244 - Semester 1, 2006/2007
222	Intergrated calculus for computer sciences - MATB 234 - Semester 2, 2006/2007
223	Internal combustion engine - MEHB 493 - Semester 2, 2008/2009
224	Electro-mechanical systems - EEEB 413 - Semester 1, 2008/2009
225	Optoelectronics and fiber optics - EECB 483 - Semester 2, 2001/2002
226	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2009/2010
227	Calculus and geometric analysis II - MATB 125 - Semester 2, 2006/2007
228	Soil mechanics I - CEGB 323 - Semester 2, 2008/2009
229	Electrical engineering practice I EEED 263 - Semester 1, 2005/2006
230	Statistics for engineers - MATB 133 - Semester 2, 2008/2009
231	Elements of mechatronic - MESB 413 - Semester 1, 2009/2010
232	Engineers and society - COEB 422/423 - Semester 1, 2007/2008
233	Thermodynamics - MEHD 143 - Semester 1, 2006/2007
234	Power electronics - EEEB 433 - Semester 2, 2001/2002
235	Principles of management - COEB 432 - Semester 1, 2007/2008
236	Geology - CEGB 212 - Semester 2, 2008/2009
237	Process control and instrumentation - EEIB 413 - Semester 1, 2001/2002
238	Mechanics of fluids II - MEHD 282 - Semester 1, 2006/2007
239	Statics - MEMD123 - Semester 1, 2006/2007
240	Computational fluid dynamics - MEHB 463 - Semester 2, 2004/2005
241	Engineering materials - METD 224 - Semester 1, 2006/2007
242	Structural analysis II - CESB 353 - Semester 2, 2006/2007
243	Mechanics of fluids I - MEHD 264 - Semester 1, 2006/2007
244	Random process - EEEB 384 - Semester 1, 2001/2002

245	Process control and automation - MESD 203 - Semester 1, 2006/2007
246	Advanced calculus and analytical geometry - MATB 113 - Semester 2, 2006/2007
247	Computer vision and image processing CGMB 354/CGMB 424 - Semester 2, 2008/2009
248	Failure analysis and design - MEMB 463 - Semester 1, 2009/2010
249	Calculus & analytic geometry II - MATF 133 - Semester 2, 2006/2007
250	Differential equations - MATB 143 - Semester 2, 2006/2007
251	Engineering economics - COEB 442 - Semester 1, 2007/2008
252	Computer modeling and creativity - CGMB 124/CGMB 224 - Semester 2, 2008/2009
253	Semiconductor devices - EESB 413 - Semester 2, 2001/2002
254	Theory of machines - MEMB 263 - Semester 1, 2009/2010
255	Introduction to computer graphics - CGMB 214/CGMB 314 - Semester 2, 2008/2009
256	Virtual reality - CGMB 434/CGMB 334 - Semester 2, 2008/2009
257	Manufacturing processes - MEFB 213 - Semester 1, 2009/2010
258	Thermodynamics II/advanced thermo-Fluids - MEHB 312/MEHB 354 - Semester 1, 2009/2010
259	Machine design - MEMB 333 - Semester 1, 2009/2010
260	Multimedia technologies - CGMB 113/CITB 123 - Semester 2, 2008/2009
261	Thermodynamics I - MEHB 213 - Semester 1, 2009/2010
262	Dynamic system modeling and analysis - MESB 374 - Semester 2, 2004/2005
263	Mechanics of fluids II - MEHB 332 - Semester 1, 2009/2010
264	Computer aided manufacturing - MEFB 473 - Semester 1, 2009/2010
265	Production planning and control : MEFB433 Semester I 2009/2010
266	Engineering materials - METB 113 - Semester 1, 2009/2010
267	Finite element method - MEMB 423 - Semester 1, 2009/2010
268	Principles of management II - MGTB 213 - Semester 1, 2007/2008
269	Mechanics of fluids I - MEHB 223 - Semester 1, 2009/2010
270	Thermodynamics I - MEHD 144 - Semester 1, 2006/2007
271	Engineering materials - METB 263/METB 113 - Semester 2, 2004/2005
272	Linear algebra - MATB 253/MATB 314 - Semester 1, 2009/2010
273	Calculus & analytic geometry II - MATB 153 - Semester 2, 2006/2007
274	Engineering measurement and laboratory - MESB 333 - Semester 1, 2009/2010
275	Data network architecture and electronics - EECB 473 - Semester 2006/2007
276	Thermodynamics II - MEHD 252 - Semester 1, 2006/2007
277	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2009/2010
278	Interrated calculus for information technology - MATB 173 - Semester 2, 2006/2007
279	Turbomachinery - MEHB 423 - Semester 1, 2009/2010
280	Power generation - MEHB 403 - Semester 1, 2009/2010
281	Electrical safety & hazards - EEPB 423 - Semester 1, 2009/2010
282	Water resources engineering I - CEWB 423 - Semester 1, 2009/2010
283	Advance microprocessor - ECEB 473 - Semester 1, 2009/2010
284	Signals and systems - EEEB 233 - Semester 1, 2007/2008
285	Physics II for computer science - PHYF 135 - Trimester 1, 2009/2010
286	Applied statistics - MATB 344 - Semester 1, 2009/2010
287	Electromagnetic fields and waves/electromagnetics -EEEB 253/354 - Semester 1, 2009/2010
288	Trigonometry & conic sections fundamental of calculus - MATF 174/MATF 165 - Trimester 1, 2009/2010
289	Physics - PHYB 134 - Semester Jun, 2003/2004
290	Automation & robotics - MESB 403 - Semester 1, 2009/2010

291	Engineering economics - COEB 442 - Semester 2, 2013/2014
292	Computational fluid dynamics - MEHB 463 - Semester 1, 2009/2010
293	Power system I - EEPB 353 - Semester 1, 2009/2010
294	Electrical mechinery - EEED 223 - Semester 1, 2002/2003
295	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2009/2010
296	Engineering economics - COEB 442 - Semester 1, 2009/2010
297	Internal combustion engine - MEHB 493 - Semester 1, 2009/2010
298	Modeling and analysis of dynamic systems - MESB 313 - Semester 1, 2009/2010
299	Combustion engineering - MEHB 433 - Semester 1, 2009/2010
300	Calculus & analytic geometry II - MATB 153/MATF 133 - Trimester 1, 2009/2010
301	Modeling and control of dynamic systems - MESB 323 - Semester 1, 2016/2017
302	Physics III - PHYF 144/PHYF 132 - Trimester 1, 2009/2010
303	Engineers in society - COEB 422 - Semester 1, 2009/2010
304	Electrical machines & drives - EEEB 283 - Semester 1, 2009/2010
305	Optoelectronics & fiber optics communication - EECB 483 - Semester 2, 2006/2007
306	Circuit analysis I - EEEB 113 - Semester 1, 2009/2010
307	Highway & transportion engineering - CETB 414/CETB 315 - Semester 1, 2007/2008
308	Industrial energy management - MEHB 453 - Semester 1, 2009/2010
309	Principles of aanagement -COEB 432/MGTB 213 - Semester 1, 2009/2010
310	Chemistry II - CHEF 124/CHEF 123 - Trimester 1, 2009/2010
311	Power electronics - EEEB 433 - Semester 1, 2006/2007
312	Physics I - PHYF 115 - Trimester 1, 2009/2010
313	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2009/2010
314	College algebra - MATF 104/MATF 105 - Trimester 1, 2009/2010
315	Data structures and algorithms - CSEB 324/CCSB 364 - Semester 1, 2009/2010
316	Environmental engineering - MEHB 443 - Semester 2, 2004/2005
317	Image processing - EEEB 473 - Semester 1, 2009/2010
318	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2009/2010
319	Chemistry II - CHEB 123 - Semester 2, 2001/2002
320	Chemistry I - CHEF 114 - Trimester 1, 2009/2010
321	Data communication and network - EECB 423 - Semester 1, 2009/2010
322	Communication systems - EECB 353/EEEB 453 - Semester 1, 2009/2010
323	Chemistry I - CHEB 114 - Semester 2, 2001/2003
324	Engineering combustion - MEHB 433 - Semester 2, 2004/2006
325	Engineers in society - COEB 422 - Semester 2, 2008/2010
326	Finite element method - MEMB 423 - Semester 1, 2008/2009
327	Finite element method - MEMB 423 - Semester 2, 2004/2006
328	Heat transfer - MEHB 323 - Semester 1, 2008/2009
329	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2009/2011
330	Industrial energy management - MEHB 453 - Semester 1, 2008/2009
331	Linear algebra - MATB 253 - Semester 2, 2006/2008
332	Linear algebra - MATB 314 - Semester 2, 2006/2008
333	Numerical methods for engineers - COEB 223/MATB 324 - Semester 2, 2008/2010
334	Signals and systems - EEEB 334 - Semester 2, 2001/2003
335	Signals and systems - EEEB 334 - Semester 2, 2001/2002
336	Statistics for engineers - MATB 133/ 244 - Semester 2, 2006/2008
337	Theory of machines - MEMB 263 - Semester 1, 2008/2009
338	Digital logic design - EEEB 163 - Semester 1, 2009/2010
339	Introductory calculus and analytical geometry - MATF 115-MATB 115 - Trimester 1, 2009/2010

340	Physics - PHYB 134 - Semester 2, 2001/2002
341	Heat transfer - MEHB 474 - Semester 2, 2004/2005
342	Mechanics II : Dynamics - MEMB 223 - Semester 1, 2008/2009
343	RF & microwave engineering - EECB 493 - Semester 1, 2009/2010
344	Applied telecommunication system - EECB 433 - Semester 1, 2009/2010
345	Calculus and analytic geometry I - MATF 125/MATF 126 - Trimester 1, 2009/2010
346	Computer architecture - ECEB 483 - Semester 1, 2009/2010
347	Data network architecture and electronics - EECB 473 - Semester 1, 2009/2010
348	Physics II - PHYF 125/PHYF 124 - Trimester 1, 2009/2010
349	Circuit analysis II - EEEB 123 - Semester 1, 2009/2010
350	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 1, 2009/2010
351	Electronics analysis and design II - EEEB 273 - Semester 1, 2009/2010
352	Internal combustion engine - MEHB 493 - Semester 2, 2004/2005
353	Introduction to microcontroller - EEED 254 - Semester 2, 2002/2003
354	Modern applied mathematics - MATB 134 - Semester 2, 2001/2002
355	Digital signal processing - EEEB 363 - Semester 1, 2009/2010
356	Random process - EEEB 383/EEEB 384 - Semester 1, 2009/2010
357	Power system protection - EEPB 473 - Semester 1, 2005/2006
358	Electro-mechanical systems - EEEB 413 - Semester 1, 2009/2010
359	Process control & instrumentation - EEIB 413 - Semester 1, 2009/2010
360	Electronics analysis & design I - EEEB 143 - Semester 1, 2009/2010
361	Control systems II - EEEB423 - Semester 1, 2009/2010
362	Signals and systems - EEEB233 - Semester 1, 2009/2010
363	Aljabar linear - MATB 314 - Semester 2, 2001/2002
364	Manufacturing processes - MEFB 213 - Semester 1, 2008/2009
365	Power electronics - EEEB 393/EEEB 433 - Semester 1, 2009/2010
366	Applied statistics - MATB 344 - Semester 2, 2001/2002
367	Power System II - EEPB 383 - Semester 1, 2009/2010
368	Dynamics system modeling and analysis - MESB 313 - Semester 1, 2009/2010
369	Control system - EEEB 323/EEEB 324 - Semester 1, 2009/2010
370	Electronics analysis and design II - EEEB 273/EEEB 314 - Semester 1, 2006/2007
371	Electrical technology I - EEED 114 - Semester 2, 2002/2003
372	Semiconductor devices - EESB 313 - Semester 1, 2009/2010
373	Heating ventilating and air conditioning - MHB 413 - Semester 1, 2008/2009
374	High voltage engineering - EEPB 463 - Semester 1, 2009/2010
375	Electronics -EEED 214 - Semester 2, 2002/2003
376	Electrical engineering practice - EEED 263 - Semester 2, 2002/2003
377	Electrical installations - EEPB 413 - Semester 1, 2009/2010
378	Microprocessor systems EEB 373 - Semester 1, 2009/2010
379	Power system protection - EEPB 473 - Semester 1, 2009/2010
380	Mechanics I : statics - MEMB 214 - Semester 2, 2004/2005
381	Engineering measurement - MESB 203 - Semester 2, 2004/2005
382	Power electronics - EEED 243 - Semester 2, 2002/2003
383	VLSI design - EESB 423 - Semester 2, 2007/2008
384	Power system communications - EPEB 433 - Semester 1, 2009/2010
385	Civil Engineering Materials - CEMB 214 - Semester 2, 2001/2002
386	Management information system - CMPD 353 - Semester 3, 2005/2006
387	Microprocessor systems - EEEB 374 - Semester 1, 2005/2006
388	Electronics - EEED 214 - Semester 2, 2001/2002

389	Computer animation - CSMB 414 - Semester 2, 2007/2008
390	Mechanics of materials - CEMB 142 - Semester 1, 2009/2010
391	Mechanics : dynamics - MEMD 224 - Semester 2, 2004/2005
392	Physics I - PHYB 114 - Semester June, 2003/2004
393	IT issues - CMPD 312 - Semester 1, 2007/2008
394	Highway and transportation engineering - CETB 414 - Semester 1, 2009/2010
395	Structural analysis II - CESB 413 - Semester 2, 2001/2002
396	Computing skills - CMPF 112 - Semester 1, 2007/2008
397	Applied telecommunication systems - EECB 433 - Semester 2, 2013/2014
398	Manufacturing processes - MEFD 113 - Semester 2, 2004/2005
399	Game design - CGMB 534 - Semester 2, 2007/2008
400	Information technology act - CMPB 443 - Semester 3, 2005/2006
401	Power electronic - EEED 243 - Semester 2, 2001/2002
402	Mechanics of materials II - MEMD 242 - Semester 2, 2004/2005
403	Thermodynamics 2 - MEHD 252 - Semester 2, 2004/2005
404	Power systems - EEED 283 - Semester 2, 2002/2003
405	Industrial automation - EEED 234 - Semester 2, 2002/2003
406	VLSI design - EESB 423 - Semester 1, 2009/2010
407	Gelogy - CEGB 212 - Semester 1, 2009/2010
408	Energy conversions - EPEB 443 - Semester 1, 2009/2010
409	Power electronics - EEEB 433 - Semester 1, 2005/2006
410	Advanced microprocessor - ECEB 473 - Semester 2, 2006/2007
411	Numerical methods for civil engineers - CECB 423 - Semester 1, 2009/2010
412	Process control and automation - MESD 203 - Semester 2, 2004/2005
413	Engineering measurement and laboratory - MESB 333 - Semester 1, 2016/2017
414	Water and wastewater engineering - CEEB 313 - Semester 1, 2009/2010
415	Structural analysis II - CESB 353 - Semester 1, 2009/2010
416	Physics I - PHYB 114 - Semester 2, 2001/2002
417	Foundation engineering I - CEGB 423 - Semester 1, 2009/2010
418	Mechanics I : statics - CECB 113 - Semester 1, 2009/2010
419	Discrete structures - CCSB 123 - Special semester, 2005/2006
420	Principles of management - COEB 432/MGTB 213 - Semester 2, 2008/2009
421	Power distribution engineering - EPEB 453 - Semester 1, 2009/2010
422	Introduction to environmental engineering - CEEB 223 - Semester 1, 2009/2010
423	Fundamental of computing theory - CMPF 144 - Semester 3, 2005/2006
424	Soil mechanics II - CEGB 333 - Semester 1, 2009/2010
425	Mechanics of fluids I - MEHD 264 - Semester 2, 2004/2005
426	Electronics analysis and design I - EEEB 244/143 - Semester 1, 2006/2007
427	Surveying for engineers - CEVB 213 - Semester 1, 2009/2010
428	Structural analysis I - CESB 223 - Semester 1, 2009/2010
429	Reinforced concrete design II - CESB 423 - Semester 1, 2009/2010
430	Power quality - EPEB 413 - Semester 1, 2009/2010
431	Physics II - PHYB 124 - Semester 2, 2001/2002
432	Linear algebra - MATB 253 - Semester 1, 2008/2009
433	Hydrology & hydraulic engineering I - CEWB 223/CEWB 314 - Semester 1, 2007/2008
434	Structural steel design I - CESB 333 - Semester 1, 2009/2010
435	Soil mechanics 1 - CEGB 323 - Semester 1, 2009/2010
436	Reinforced concrete design I - CESB 343 - Semester 1, 2009/2010
437	Mechine design - MEMB 333 - Semester 1, 2008/2009
438	Computational fluid dynamics - MEHB 463 - Semester 1, 2008/2009

439	Digital logic - EEED 144 - Semester 2, 2001/2002
440	Engineering economics - COEB 442, Semester 2, 2008/2009
441	Engineers in society - COEB 422 - Semester 2, 2008/2009
442	Environmental engineering - MEHB 443 - Semester 1, 2008/2009
443	Finite element method - MEMB 423 - Semester 2, 2004/2005
444	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2009/2010
445	Internal combustion engine - MEHB 493 - Semester 1, 2008/2009
446	Linear algebra - MATB 314 - Semester 2, 2006/2007
447	Mechanical design - MEMB 324 - Semester 2, 2004/2006
448	Mechanical vibration - MEMB 443 - Semester 1, 2008/2010
449	Mechanical vibration - MEMB 443 - Semester 1, 2008/2009
450	Mechanics - MEMD 123 - Semester 2, 2004/2006
451	Mechanics I : statics - MEMB 123 - Semester 1, 2008/2009
452	Mechanics of fluids II - MEHB 332 - Semester 1, 2008/2009
453	mechanics of fluids II - MEHD 282 - Semester 2, 2004/2006
454	Mechanics of materials - MEMB 243 - Semester 1, 2008/2009
455	Mechanics of materials I - MEMD 234 - Semester 2, 2004/2006
456	Mechatronic - MESB 413 - Semester 1, 2008/2009
457	Numerical methods for engineers - COEB 223/MATB 324 - Semester 2, 2008/2009
458	Soil mechanics II - CEGB 413 - Semester 1, 2001/2003
459	Statics - MEMD 124 - Semester 2, 2004/2006
460	Statistics for engineers - MATB 133/244 - Semester 2, 2006/2007
461	Thermodynamics - MEHD 143 - Semester 2, 2004/2006
462	Thermodynamics I - MEHB 213 - Semester 1, 2008/2009
463	Turbomachinery - MEHB 423 - Semester 1, 2008/2009
464	Mechanics of fluids - CEWB 123 - Semester 1, 2009/2010
465	Power genaration - MEHB 403 - Semester 1, 2008/2009
466	Data communication and network - EECB 423 - Semester 2, 2006/2007
467	Mechanical design - MEMD 244 2 - Semester 2, 2004/2005
468	Physics II - PHYB 124 - Semester November, 2002/2003
469	Heat transfer - MEHB 323 - Semester 2, 2007/2008
470	Electrical machines and drives/electromechanical devices - EEEB 283/EEEB 344 - Semester 1, 2008/2009
471	Chemistry I - CHEF 114 - Trimester 2, 2008/2009
472	Optoelectronics and fiber optics communication - EECB 483 - Semester 1, 2006/2007
473	Transportation and highway engineering I - CETB 315 - Semester 1, 2001/2002
474	Heating, ventilation and air-conditioning - MEHB 413 - Semester 2, 2007/2008
475	Artificial intelligent and neural - fuzzy system - ECEB 463, Semester II, 2006/2007
476	Hydrology & hydraulic engineering I - CEWB 314 - Semester 2, 2001/2002
477	Industrial automation - EEED 234 - Semester 1, 2005/2006
478	Industrial automation - EEED 234 - Semester 2, 2001/2002
479	Water and wastewater engineering I - CEEB 324 - Semester 2, 2001/2002
480	Project management and construction - CEPB 323 - Semester 1, 2010/2011
481	Engineering electromagnetics - EEEB 483 - Semester 1, 2005/2006
482	RF and microwave engineering - EECB 493 - Semester 1, 2006/2007
483	Basic skills for knowledge - CMPF 124 - Semester 1, 2007/2008
484	Soil mechanics 1 - CEGB 313 - Semester 1, 2001/2002
485	Audio and video technology - CGMB 544 - Semester 2, 2007/2008
486	E-commerce - CISB 234 - Special semester, 2003/2004

487	Ethics in technical communication - COEB 413, Special semester, 2005/2006
488	Principles of a programming - CCSB 163/ CMPB 164 - Special Semester, 2005/2006
489	Power systems - EEED 283 - Semester 2, 2001/2002
490	Circuit analysis I - EEEB 214 - Semester 2, 2001/2002
491	Image processing - EEEB 473 - Semester 1, 2006/2007
492	Control systems II - EEEB 423 - Semester 1, 2005/2006
493	Communication system - EEEB 453 - Semester 1, 2006/2007
494	Digital logic design - EEEB 163/264 - Semester 1, 2005/2006
495	Reinforced concrete design I - CESB 343 - Semester 1, 2007/2008
496	RF and microwave engineering - EECB 493 - Semester 1, 2005/2006
497	Introduction calculus and analytical geometry - MATF 114 - Semester 1, 2006/2007
498	High voltage technology - EEPB 463 - Semester 1, 2006/2007
499	Advanced microprocessor - ECEB 473 - Semester 1, 2005/2006
500	Mechanics II : dynamics - MEMB 224 - Semester 2, 2004/2005
501	Hydrology & hydraulic engineering II - CEWB 413 - Semester 1, 2007/2008
502	Advanced microprocessor - ECEB 473 - Semester 1, 2006/2007
503	Data network architecture and electronics - EECB 473 - Semester 1. 2008/2009
504	Electrical machinery - EEED 223 - Semester 1, 2005/2006
505	Microprocessor systems - EEEB 374 - Semester 1, 2006/2007
506	Control and drives - EEEB 443 - Semester 1, 2005/2006
507	Statistics for engineers - MATB 133/244 - Semester 1, 2007/2008
508	Data communication and network - EECB 423 - Semester 1, 2006/2007
509	Microprocessor systems - EEEB 373 - Semester 1, 2006/2007
510	Calculus and analytic geometry 1 - MAFT 125 - Semester 1, 2006/2007
511	Calculus and analytic geometry I - MATB 115 - Semester 1, 2001/2002
512	Circuit analysis II - EEEB 123/224 - Semester 1, 2005/2006
513	Electrical technology I - EEED 114 - Semester 1, 2005/2006
514	Principles of management - MGTB 213 - Semester 1, 2005/2006
515	Circuit analysis I - EEEB 113/EEEB 214 - Semester 1, 2005/2006
516	Modern applied mathemathics - MAFT 154 - Semester 1, 2006/2007
517	Surveying for engineers - CEVB 213 - Semester 1, 2007/2008
518	Power System Protection - EEPB 473 - Semester 1, 2006/2007
519	Communication system - EEEB 453 - Semester 1, 2005/2006
520	Physics I - PHYF 115/PHYF 114 - Trimester 2, 2008/2009
521	Calculus and analytic geometry III - MATB 214 - Semester 2, 2001/2002
522	Electrical power system analysis II - EEPB 383 - Semester 1, 2010/2011
523	Electrical power system II - EEPB 483 - Semester 1, 2006/2007
524	Statistics for engineers - MATB 244 - Semester 2, 2001/2002
525	Engineers in society - COEB 422 - Semester 1, 2008/2009
526	Engineering measurements and lab - MESB 20/MESB 333 - Semester 1, 2008/2009
527	Inroduction to environmental engineering - CEEB 223 - Semester 1, 2007/2008
528	Statistics - MATD 233 - Semester 1, 2004/2005
529	VLSI design - EESB 423 - Semester 1, 2005/2006
530	Principles of management - COEB 432 - Semester 1, 2008/2009
531	Physic I - PHFY 114/PHYB 114 - Semester 1, 2006/2007
532	Electromagnetics - EEEB 354 - Semester 1, 2005/2006
533	Semiconductor devices - EESB 413 - Semester 1, 2005/2006
534	Electrical safety & hazards - EEPB 423 - Semester 1, 2010/2011
535	Electronic devices - EEED 214 - Semester 1, 2005/2006
536	Electrical safety and hazards - EEPB 423 - Semester 1, 2008/2009

537	Structural analysis I - CESB 223 - Semester 1, 2007/2008
538	Optoelectronics and fiber optics communication - EECB 483 - Semester 1, 2005/2006
539	Physics III - PHYF 132 - Trimester 2, 2008/2009
540	Engineering electromagnetics - EEEB 483 - Semester 1, 2006/2007
541	Control systems - EEEB 324 - Semester 1, 2005/2006
542	Structural analysis II - CESB 353 - Semester 1, 2007/2008
543	Electrical technology II - EEED 124 - Semester 1, 2005/2006
544	Power system I - EEPB 353/EEPB 453 - Semester 1, 2006/2007
545	Physic II - PHFY 124/PHYB 114 - Semester 1, 2006/2007
546	Random process - EEEB 383 - Semester 1, 2010/2011
547	Structural steel design I - CESB 333/CESB 323 - Semester 1, 2007/2008
548	Dynamics system modeling and analysis - MESB 313 - Semester 1, 2008/2009
549	Electronics analysis and design - EEEB 244/EEEB 143 - Semester 1, 2005/2006
550	Electrical power system I - EEPB 453 - Semester 1, 2005/2006
551	Soil mechanics II - CEGB 333/CEGB 413 - Semester 1, 2007/2008
552	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2007/2008
553	Thermodynamics II/ Advanced thermo- Fluids - MEHB 312/ MEHB 354, Semester I, 2008/2009
554	Adavenced microprocessors - ECEB 473 - Semester 1, 2004/2005
555	Image processing - EEEB 473 - Semester 1, 2005/2006
556	Mechanics of fluids I - MEHB 223 - Semester 2, 2007/2008
557	Data network architecture and electronics - EECB 473 - Semester 1, 2005/2006
558	Random process - EEEB 383/EEEB 384 - Semester 1, 2006/2007
559	Power System - EEED 283 - Semester 1, 2005/2006
560	Reinforced concrete design I - CESB 343 - Semester 1, 2010/2011
561	Advanced microprocessor - ECEB 473 - Semester 1, 2008/2009
562	Control systems - EEEB 323/EEEB 324 - Semester 1, 2008/2009
563	Digital logic - EEED 144 - Semester 2, 2001/2003
564	Digital logic design - EEEB 163 - Semester 1, 2008/2009
565	Digital signal processing - EEEB 363 - Semester 1, 2008/2009
566	Digital signal processing - EEEB 364 - Semester 1, 2005/2006
567	Electrical power system I - EEPB 353/EEPB 453 - Semester 1, 2008/2009
568	Electrical technology II - EEED 124 - Semester 2, 2001/2003
569	Electronics analysis & design I - EEEB 143 - Semester 1, 2013/2014
570	Engineering geology - CEGB 223 - Semester 1, 2000/2001
571	Engineering materials - METB 263/METB 113 - Semester 1, 2008/2009
572	Engineering materials - METD 224 - Semester 2, 2004/2006
573	Failure analysis and design - MEM 463 - Semester 1, 2008/2010
574	Highway design & traffic engineering - CETB 423 - Semester 1, 2003/2005
575	Introductory calculus and analytical geometry - MATF 115 - Semester 1, 2008/2010
576	Linear algebra - MATB 253 - Semester 1, 2007/2009
577	Mechanics I : statics - CECB 113 - Semester 1, 2007/2009
578	Mechanics of fluids I - MEHB 223 - Semester 1, 2008/2009
579	Production planning & control - MEFB 433 - Semester 1, 2008/2010
580	Soil mechanics II - CEGB 413 - Semester 1, 2001/2002
581	Surveying for engineers - CEVB 214 - Semester 1, 2003/2004
582	Thermodynamics I - MEHD 144 - Semester 2, 2004/2006
583	Introduction to robotics - EEEB 493 - Semester 1, 2005/2006
584	Circuit analysis I - EEEB 113/EEB 214 - Semester 1, 2006/2007

585	Control system II - EEEB 423 - Semester 1, 2006/2007
586	Process control and instrumentation - EEIB 413 - Semester 1, 2005/2006
587	Physics II - PHYF 125/PHYF 124 - Trimester 2, 2008/2009
588	Statistics - MATD 233 - Semester 1, 2006/2007
589	Mathemathics III - MATD 214 - Semester 1, 2006/2007
590	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2005/2006
591	Artificial intelligence & neural-fuzzy systems - ECEB 463 - Semester 1, 2004/2005
592	Engineers in society - COEB 422 - Semester 1, 2010/2011
593	Physic III - PHYF 13 - Semester 1, 2006/2007
594	Signals and systems - EEEB 233/334 - Semester 1, 2006/2007
595	Fundamental of calculus - MATF 164 - Semester 1, 2006/2007
596	Data communication and network - EECB 423 - Semester 1, 2004/2005
597	Foundation engineering I - CEGB 423 - Semester 1, 2007/2008
598	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2006/2007
599	Introduction to microcontroller - EEED 254 - Semester 1, 2005/2006
600	Data communication - CMPD 314 - Semester II, 2002/2003
601	Analog IC - EESB 433 - Semester 1, 2005/2006
602	Power electronics - EEED 243 - Semester 1, 2005/2006
603	Introduction to robotics - EEEB 493 - Semester Jun- Oktober, 2003
604	High voltage direct current (HVDC) - EEPB 493 - Semester 1, 2006/2007
605	Electromechanical devices - EEEB 344 - Semester 1, 2006/2007
606	Manufacturing processes - MEFB 213 - Semester 1, 2005/2006
607	Chemistry laboratory - CHEB 111 - Semester 1, 2007/2008
608	Electric technology I - EEED 114, Tahun akademik 2006/2007
609	Advanced calculus and analytical geometry - MATB 214 - Semester 1, 2007/2008
610	Introductory calculus and analytical geometry - MATF 114 - Semester 1, 2007/2008
611	Electro-mechanical systems - MESB 443 - Semester 1, 2016/2017
612	Electronics analysis and design II - EEEB 273/EEEB 314 - Semester 1, 2005/2006
613	Electrical engineering for civil engineers - CECB 232 - Semester 2, 2002/2003
614	Signals and systems - EEEB 233/334 - Semester 1, 2005/2006
615	Electricity industry economics - EPEB 423 - Semester 1, 2008/2009
616	Heat transfer - MEHB 474 - Semester 1, 2005/2006
617	Signals and systems - EEEB 233 - Semester 2, 2013/2014
618	Mechanics of materials - CEMB 124 - Semester 1, 2007/2008
619	Geology - CEGB 212 - Semester 1, 2007/2008
620	Circuit analysis II - EEEB 123/EEEB 224 - Semester 1, 2006/2007
621	Electromechanical devices - EEEB 344 - Semester 1, 2005/2006
622	Data network architecture and electronics - EECB 473 - Semester 1, 2006/2007
623	Combustion engineering - MEHB 433 - Semester 1, 2005/2006
624	Semiconductor devices - EESB 413 - Semester 1, 2006/2007
625	Mechanics of fluid - CEWB 224 - Semester 2, 2001/2002
626	Engineering measurement - MESB 203 - Semester 1, 2005/2006
627	Artificial intelligence - ECEB 463 - Semester 1, 2002/2003
628	Circuit analysis I -EEEB 113 - Semester 1, 2008/2009
629	Analog IC - EESB 433 - Semester 1, 2006/2007
630	Differential equations - MATB 143 - Semester 1, 2007/2008
631	Reinforced concrete design II - CESB 423/CESB 453 - Semester 1, 2007/2008
632	Internal combustion engine - MEHB 493 - Semester 1, 2005/2006
633	Principles of management - MGTB 213 - Semester 2, 2006/2007
634	Integrated calculus for IT - MATB 173 - Semester 1, 2007/2008

635	Chemistery II - CHEF 123/CHEB 123 - Semester 1, 2006/2007
636	Advance thermofluids - MEHB 354 - Semester 1, 2005/2006
637	Electromagnetic fields and waves electromagnetics - EEEB 253/354 - Semester 1, 2006/2007
638	Microprocessor systems - EEEB 374 - Semester 1, 2003/2004
639	Mechanics of fluids - CEWB 123 - Semester 1, 2007/2008
640	Industrial energy mangement - MEHB 453 - Semester 2, 2007/2008
641	Power system I - EEPB 353 - Semester 1, 2010/2011
642	Chemistry - CHEF 113, 2006/2007
643	Electrical installations - EEPB 413 - Semester 1, 2008/2009
644	Solid waste managment - CEEB 433 - Semester 1, 2007/2008
645	Engineering geology - CEGB 223 - Semester 2, 2002/2003
646	Random process - EEEB 384 - Semester 1, 2005/2006
647	Digital logic design - EEEB 163/EEEB 264 - Semester 1, 2006/2007
648	Introductory calculus and analytical geometry - MATB 115 - Semester 1, 2007/2008
649	Numerical methods for engineers - MATB 324 - Semester 1, 2005/2006
650	Statistics for engineers - MATB 133 - Semester 1, 2006/2007
651	Finite element method - MEMB 423 - Semester 1, 2005/2006
652	Reinforced concrete design II - CESB 423 - Semester 1, 2010/2011
653	Power electronics - EEEB 433 - Semester 1999/2000
654	Embedded systems - EESB 493 - Semester 1, 2006/2007
655	Dynamics - MEMB 224 - Semester 1, 2005/2006
656	Process control & instrumentation - EEIB 413 - Semester 1, 2003/2004
657	Computational fluid dynamics - MEHB 463, Tahun akademik 2005/2006
658	Industrial engineering - MEFB 443 - Semester 1, 2005/2006
659	Environmental engineering - MEHB 443 - Semester 2, 2005/2006
660	Engineers in society - COEB 423 - Semester Khas, 2003/2004
661	Mechanical design - MEMB 324 - Semester 1, 2005/2006
662	Linear algebra - MATB 314 - Semester 1, 2007/2008
663	Indistrial Automation - EEED 234 - Semester 1, 2006/2007
664	Electrical power system II - EEPB 383/EEPB 483 - Semester 1, 2008/2009
665	Hydrology and hydraulics engineering II - CEWB 413 - Semester 2003/2004
666	Thermodynamics - MEHB 244 - Semester 1, 2005/2006
667	Differential equations - MATB 224 - Semester 1, 2007/2008
668	Analog IC - EESB 433 - Semester 1, 2008/2009
669	Computer controlled systems - EEEB 513 - Semester 1, 2010/2011
670	Control systems I - EEEB 423 - Semester 1, 2008/2009
671	Kimia - CHED 114 - Semester 1, 2002/2003
672	Physics - PHYD 114 - Semester 2, 2002/2003
673	Soil mechanics I - CEGB 323 - Semester 1, 2007/2008
674	Semiconductor devices - EESB 413 - Semester 1, 1999/2000
675	Mathematics I - MATD 114 - Semester 1, 2002/2003
676	Mechanics of materials - CEMB 224 - Semester 2, 2002/2003
677	Modern applied mathematics - MATD 134 - Semester 1, 2002/2003
678	Electronic devices - EEED 214 - Semester 1, 2006/2007
679	GIS for civil engineering applications - CEGB 483 - Semester 2, 2006/2007
680	Introduction to microcontrolelers - EEED 254 - Semester 1, 2006/2007
681	Renewable energy - MEHB 503 - Semester 1, 2005/2006
682	Power electronics - EEED 234 - Semester 1, 2006/2007
683	Power generation -MEHB 403 - Semester 1, 2005/2006

684	Applied statistics - MATB 344 - Semester 1, 2003/2004
685	Project management and construction - CEPB 323 - Semester 1, 2007/2008
686	Reinforced concrete design - CESB 443 - Semester 1, 2001/2002
687	Applied statistics - MATB 344 - Semester 1, 2007/2008
688	Mathematics II - MATD 124 - Semester 1, 2002/2003
689	Electrical engineering practices - EEED 263 - Semester 1, 2006/2007
690	Mathematics III - MATD 214 - Semester 1, 2002/2003
691	Electrical machinery - EEED 223 - Semester 1, 2006/2007
692	Soil mechanics II - CEGB 413 - Semester 2, 2002/2003
693	Solid waste management - CEEB 433 - Semester 2, 2002/2003)
694	Calculus and analytic geometry II - MATF 133 - Semester 1, 2007/2008
695	Hydrology and hydraulic engineering 1 - CEWB 314 - Semester 2, 2002/2003
696	Statistics - MATD 233 - Semester 1, 2002/2003
697	Water and wastewater engineering - CEEB 313 - Semester 1, 2007/2008
698	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2008/2009
699	Applied telecommunication system - EECB 433 - Semester 1, 2008/2009
700	Communication system - EEEB 453/EECB 353 - Semester 1, 2008/2009
701	Computer architecture - ECEB 483 - Semester 1, 2008/2009
702	Control and drives - EEEB 443 - Semester 1, 2008/2009
703	Data communication and network - EECB 423 - Semester 1, 2008/2009
704	Digital logic - EEED 144 - Semester 1, 2006/2007
705	Engineering economics - COEB 442 - Semester 1, 2008/2009
706	Hydrology and hydraulics engineering I - CEWB 314 - Semester 1, 2003/2005
707	Mechanics I : statics - CECB 113 - Semester 1, 2007/2008
708	Reinforced concrete design II - CESB 453 - Semester 2, 2002/2003
709	Transportation engineering - CETB 315 - Semester 1, 2003/2005
710	Integrated calculus - MATB 234 - Semester Khas, 2002/2003
711	Civil engineering materials - CEMB 214, Semester 1, 2003/2004
712	Water & wastewater engineering II - CEEB 423, Semester 2, 2002/2003
713	Engineering measurements and lab - MESB 203 - Semester 1, 2003/2004
714	Physics I - PHYF 115/PHYF 114 - Semester 1, 2008/2009
715	Engineering materials - METD 224 - Semester 1, 2004/2005
716	Physics II - PHYF 124 - Semester 1, 2005/2006
717	Thermodynamics - MEHD 143 - Semester 1, 2002/2003
718	Internal combustion engine - MEHB 493 - Semester 2, 2007/2008
719	Power electronic - EEED 243, Semester 2, 2001/2002
720	Transportation planning -CETB 413 - Semester 2, 2002/2003
721	Thermodynamics - MEHD 143 - Semester 1, 2004/2005
722	Physics III - PHYF 132 - Semester 1, 2005/2006
723	Chemistry - CHEF 123, Semester 1, 2005/2006
724	Thermodynamics II, MEHD 252, Semester 1, 2002/2003
725	Applied statistics - MATB 344 - Semester 1, 2004/2005
726	Calculus and analytic geometry 1 - MATF 125, Semester 1, 2005/2006
727	Transportation engineering - CETB 315 - Semester 2, 2002/2003
728	Heat transfer - MEHB 474 - Semester 1, 2003/2004
729	Introductory calculus and analytic - MATF 114 - Semester 1, 2005/2006
730	Mechanical design - MEMB 324 - Semester 1, 2003/2004
731	Linear algebra - MATB 253/MATB 314 - Semester 1, 2008/2009
732	Engineering materials - METD 224 - Semester 2, 2001/2002
733	Fundamental of calculus - MATF 164 - Semester 1, 2005/2006

734	Circuit analysis II - EEEB 224 - Semester 1, 2002/2003
735	Calculus and analytic geometry II - MATB 125 - Semester 1, 2004/2005
736	Modern applied mathematics - MATF 154 - Semester 1, 2005/2006
737	Water and wastewater engineering I - CEEB 324 - Semester 2, 2002/2003
738	Calculus and analytic geometry III - MATB 214 - Semester 1, 2004/2005
739	Power system 1 - EEPB 453, Semester 1, 2004/2005
740	Physics I - PHYF 114 - Semester 1, 2005/2006
741	Machine design - MEMB 333 - Semester 2, 2007/2008
742	Environmental engineering - MEHB 443 - Semester 1, 2003/2004
743	Chemistry I - CHEF 113 - Semester 1, 2005/2006
744	Engineering materials - METB 263 - Semester 1, 2003/2004
745	Mechanics I : statics - MEMB 214 - Semester 1, 2003/2004
746	Statistics for engineers - MATB 133/244/344 - Semester 1, 2008/2009
747	Structural analysis 1 - CESB 313, Semester 1, 200/2003
748	Optoelectronics and fibre optics - EECB 483, Semester Jun, 2004/2005
749	Manufacturing processes - MEFB 213 - Semester 2, 2007/2008
750	Calculus and analytical geometry II - MATF 133 - Semester 1, 2008/2009
751	Calculus and analytic geometry II - MATF 133, Semester Jun, 2005/2006
752	Manufacturing processes - MEFD 113 - Semester 1, 2004/2005
753	Internal Combustion Engine - MEHB 493 - Semester 1, 2003/2004
754	Semiconductor devices - EESB 413, Semester 1, 2004/2005
755	Electrical power system II - EEPB 483 - Semester 1, 2004/2005
756	Electrical technology I - EEED 144 - Semester 2, 2001/2002
757	Differential equations - MATB 143 - Semester 1, 2010/2011
758	Circuit analysis 1- EEEB 214, Semester 1, 2002/2003
759	Process control & instrumentation - EEIB 413 - Semester 1, 2004/2005
760	Image processing - CMPB 345 - 2002
761	Power system protection - EEPB 473 , Semester 1, 2004/2005
762	Physics III - PHYF 132, Semester 1, 2008/2009
763	Engineering geology - CEGB 223, Semester 1, 2003/2004
764	Mechanics I : statics - CECB 113 - Semester 1, 2016/2017
765	High voltage technology - EEPB 463, Semester 1, 2004/2005
766	Rf & microwave engineering - EECB 493, Semester Jun 2004/2005
767	Solid waste management - CEEB 433, Semester 1, 2003/2004
768	Engineering mechanics: Statics - CECB 214, Semester 1, 2002/2003
769	Integrated physics for computer science - PHYF 134, Semester 1, 2008/2009
770	Thermodynamics I - MEHD 144 - Semester 1, 2002/2003
771	Physics II - PHYF 124, Semester 1, 2008/2009
772	Electric machinery - EEED 223, Semester 2, 2001/2002
773	Electrical machines and drives - EEEB 283 - Semester 2, 2013/2014
774	Power systems - EEED 283 - Semester 4, 2001/2002
775	Data network architecture and electronics - EECB 473, Semester 1, 2004/2005
776	Soil mechanics 1 - CEGB 313, Semester 1, 2002/2003
777	Transportation and highway engineering II - CETB 413, Semester 1, 2002/2003
778	Transportation and highway engineering I - CETB 315, Semester 2, 2001/2002
779	Surveying for engineers - CEVB 214, Semester June, 2002/2003
780	Water & wastewater engineering I - CEEB 324, Semester 1, 2002/2003
781	Engineering materials - METB 113 - Semester 1, 2016/2017
782	Communication system - EEEB 453, Semester Jun, 2002/2003
783	Mechanics of materials - CEMB 224 - Semester 1, 2002/2003

784	Software engineering - CMPD 253 - 2002/2003
785	Mechanics of fluids - CEWB 224 - Semester 1, 2003/2004
786	Statics - MEMD 124 - Semester 1, 2002/2003
787	Engineering mechanics: Statics - MEMD 124 - Semester 2, 2001/2002
788	Mechanics of fluid - CEWB 224 - Semester 1, 2002/2003
789	System analysis - CMPD 153 - Semester 2, 2001/2002
790	Thermodynamics - MEHD 143 - Semester 2, 2001/2002
791	Control systems - EEEB 323/EEEB 324 - Semester 2, 2013/2014
792	Engineering geology - CEGB 223 - Semester 1, 2002/2003
793	Human computer interaction (HCI) - CMPB 354 - Semester 2, 2001/2002
794	Mathematics I - MATD 114 - Semester 2, 2001/2002
795	Reinforced concrete design - CESB 443 - Semester 1, 2002/2003
796	Industrial automation - EEED 234 - Semester Jun, 2001/2002
797	Kimia - CHED 114 - Semester November, 2001/2002
798	Komunikasi data - CMPD 314 - Semester 2, 2001/2002
799	Electronics - EEED 214 - Semester November, 2001/2002
800	Electrical power systems II - EEPB 483 - Semester Jun, 2002/2003
801	Dynamic system modeling and analysis - MESB 374 - Semester 2, 2003/2004
802	Theory of machines - MEMB 263 - Semester 2, 2007/2008
803	Operating system - CMPD 264 - Semester November, 2001/2002
804	Structural steel design I - CESB 333 - Semester 1, 2010/2011
805	Internal combustion engine - MEHB 493 - Semester 2, 2003/2004
806	Mechanics I - Statics - MEMB 214 - Semester 1, 2003/2004
807	Mechanics II : dynamics - MEMB 224 - Semester 2, 2007/2008
808	Heat transfer - MEHB 474 - Semester 2, 2003/2004
809	Control system II - EEEB 423 - Semester 1, 2010/2011
810	Manufacturing processes - MEFD 113, Semester 1, 2002/2003
811	Digital signal processing - EEEB 363 - Semester 2, 2013/2014
812	Mechanics of fluids II - MEHD 282 - Semester 1, 2002/2003
813	Mathematics III - MATD 214 - Semester 2, 2001/2002
814	Mathematics II - MATD 124 - Semester 1, 2003/2004
815	Physics I - PHYF 114 - Semester November, 2000/2001
816	Foundation engineering I - CEGB 423 - Semester Jun, 2003/2004
817	Engineering materials - METD 224 - Semester 2, 2002/2003
818	Mechanical design - MEMD 244 - Semester 1, 2002/2003
819	Kimia - CHED 114 - Semester 1, 2003/2004
820	Chemistry I - CHEF 113 - 2003/2004
821	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2008/2010
822	Calculus and analytic geometry I - MATF 125 - Semester 1, 2008/2009
823	Chemistry II - CHEF 123 - Semester 1, 2008/2010
824	College algebra - MATF 105 - Semester 1, 2008/2010
825	Differential equations - MATB 143/MATB 224 - Semester 1, 2008/2009
826	Electrical technology II - EEED 124 - Semester 2, 2001/2002
827	Fundamental of calculus - MATF 165 - Semester 1, 2008/2010
828	Introductory calculus and analytical geometry - MATF 114 - Semester 1, 2008/2010
829	Introductory calculus and analytical geometry - MATF 115 - Semester 1, 2008/2009
830	Thermodynamics II - MEHD 252 - Semester 1, 2004/2006
831	Mechanical- Dynamics - MEMD 224 - Semester 1, 2002/2003
832	Process control & automation - MESD 203 - Semester 1, 2002/2003
833	Energy systems and utilization - MEHB 453 - Semester 2, 2003/2004

834	Mechanics of materials II - MEMD 242 - Semester 1, 2002/2003
835	Calculus and analytic geometry 1 - MATB 115 - Semester Jun, 2003/2004
836	Heating, ventilating and air conditioning - MEHB 413 - Semester 2, 2003/2004
837	Fizik - PHYD 114 - Semester Jun, 2003/2004
838	Mechanics of material I - MEMD 234 - Semester 2, 2002/2003
839	Mechanics - MEMD 123 - Semester 2, 2001/200
840	Mathematics III - MATD 214 - Semester 1, 2003/2004
841	Principles of C programming - CMPD 134 - Semester 1, 2003/2004
842	Mathematics II - MATD 124 - Semester 2, 2001/2002
843	Mechanics of fluids I - MEHD 264 - Semester 1, 2002/2003
844	Mechanics II : dynamics - CECB 122 - Semester 1, 2016/2017
845	Modern applied mathematics - MATD 134, Semester 2, 2001/2002
846	Modern applied mathematics - MATD 134 - Semester 1, 2003/2004
847	Advanced thermo - Fluids - MEHB 354 - Semester 2, 2003/2004
848	Semiconductor devices - EESB 313 - Semester 1, 2010/2011
849	Mechanics of materials I - MEMD 234 - Semester 2, 2001/2002
850	Dynamics - MEMD 224 - Semester 2, 2002/2003
851	Mechanics of materials I - MEMD 234 - Semester 2, 2003/2004
852	Engineering measurement - MESB 203 - Semester 2, 2003/2004
853	Environmental engineering - MEHB 443 - Semester 2, 2003/2004
854	Engineers in society - COEB 423 - Semester 2, 2003/2004
855	Process control & automation - MESD 203, Semester 2, 2002/2003
856	Introductory calculus and analytic geometry - MATF 114 - Semester Jun, 2003/2004
857	Mechanics of materials - MEMB 243 - Semester 2, 2007/2008
858	Computer aided manufacturing - MEFB 473 - Semester 2, 2003/2004
859	Manufacturing processes - MEFB 213, Semester 1, 2003/2004
860	Computer organization - CMPD 114 - Semester 1, 2003/2004
861	System analysis & design - CMPD 153 - Semester 1, 2003/2004
862	Dynamics - MEMD 224 - Semester 2, 2003/2004
863	Mechatronic - MESB 413 - Semester 2, 2007/2008
864	Discrete structures - CMPD 123 - Semester 1, 2003/2004
865	Physics I - PHYF 114 - Semester June, 2003/2004
866	Mathematics I - MATD 114 - Semester 1, 2003/2004
867	Object oriented programming - CMPD 144 - Semester 1, 2003/2004
868	Power generation - MEHB 403 - Semester 2, 2007/2008
869	Data structure and design - CMPD 254 - Semester 1, 2003/2004
870	Cyber technology - CMPD 263 - Semester 1, 2003/2004
871	Manufacturing processes - MEFD 113 - Semester 2, 2002/2003
872	Structural analysis I - CESB 223 - Semester 1, 2010/2011
873	Mechanics - MEMD 123 - Semester 1, 2002/2003
874	Statistics - MATD 233 - Semester 1, 2003/2004
875	VLSI design - EESB 423 - Semester 1, 2004/2005
876	Software engineering - CMPD 253 - Semester 1, 2003/2004
877	Production planning and control - MEFB 433 - Semester 2, 2007/2008
878	Thermodynamics - MEHD 143 - Semester 2, 2003/2004
879	Mechanics of fluids I - MEHD 264 - Semester 2, 2002/2003
880	Mechanics - MEMD 123 - Semester 2, 2002/2003
881	Mechanics of fluids II - MEHD 282 - Semester 2, 2002/2003
882	Mechanical design - MEMD 244 - Semester 2, 2002/2003
883	Engineering materials - METD 224 - Semester 2, 2003/2004

884	Statics - MEMB 123/MEMB 214 - Semester 2, 2007/2008
885	Statics - MEMD 124 - Semester 2, 2002/2003
886	Mechanical design - MEMD 244 - Semester 2, 2003/2004
887	Automation & robotics - MESB 403 - Semester 2, 2003/2004
888	Mechanics of materials - CEMB 224 - Semester 2, 2004/2005
889	Process automation and control - MESD 203 - Semester 2, 2003/2004
890	Mechanics of fluids II - MEHD 282 - Semester 2, 2003/2004
891	Control and drives - EEEB 443 - Semester 1, 2002/2003
892	Thermodynamics II/advance thermofluids - MEHB 312/MEHB 354 - Semester 2, 2007/2008
893	Foundation engineering II - CEGB 433 - Semester Jun, 2003/2004
894	Mechanics I - Statics - CECB 214 - Semester 1, 2003/2004
895	Statics - MEMD 124 - Semester 2, 2003/2004
896	Manufacturing processes - MEFD 113 - Semester 2, 2003/2004
897	Structural analysis II - CESB 353 - Semester 1, 2010/2011
898	Mechanical of fluids - MEHD 264 - Semester 2, 2003/2004
899	Mathematics II - MATD 124 - Semester 2, 2003/2004
900	Thermodynamics II - MEHD 252 - Semester 2, 2003/2004
901	Mathematics III - MATD 214 - Semester 2, 2003/2004
902	Data communication and network - EECB 423 - Semester Jun, 2002/2003
903	Mechanics of materials II - MEMD 242 - Semester 2, 2002/2003
904	Chemistry - CHED 114 - Semester 2, 2003/2004
905	Surveying for engineers - CEVB 213 - Semester 1, 2010/2011
906	Mathematics I - MATD 114 - Semester 2, 2003/2004
907	Electromechanical devices - EEEB 344 - Semester 1, 2002/2003
908	Fundamentals of calculus - MATF 164 - Semester 2, 2003/2004
909	Introductory calculus and analytic geometry - MATF 114 - Semester November, 2003/2004
910	Control systems engineering I - EEEB 324 - Semester 1, 2002/2003
911	Chemistry I - CHEF 113 - Semester II, 2003/2004
912	Fizik I - PHYB 114 - Semester November, 2003/2004
913	Thermodynamics I - MEHD 144 - Semester 2, 2003/2004
914	Chemistry II - CHEF 123 - Semester 2, 2003/2004
915	Mechanics of materials - CEMB 224 - Semester 1, 2001/2002
916	Control and drives - EEEB 443 - Semester 2, 2003/2004
917	Semiconductor devices - EESB 413 - Semester Jun, 2002/2003
918	Chemistry I - CHEB 114 - Semester Jun, 2003/2004
919	Random process - EEEB 384 - Semester 1, 2002/2003
920	Power electronics - EEEB 433 - Semester 2, 2003/2004
921	Soil mechanics II - CEGB 413 - Semester Jun, 2003/2004
922	Modelling and analysis of dynamic Systems - MESB 374 - Semester 1, 2003/2004
923	Physics - PHYD 114 - Semester November, 2003/2004
924	VLSI design - EESB 423 - Semester 2, 2003/2004
925	Manufacturing processes - MEFB 213, Semester khas, 2002/2003
926	Water & wastewater engineering I - CEEB 324 - Semester 1, 2003/2004
927	Digital signal processing - EEEB 364 - Semester 2, 2003/2004
928	Electronic analysis & design II - EEEB 314 - Final Exam
929	Electronic analysis & design I - EEEB 244 - Semester 1, 2002/2003
930	Soil mechanics 1 - CEGB 313, Semester Jun, 2003/2004
931	Introduction to robotics - EEEB 493 - Semester November, 2003/2004

932	Fizik I - PHYF 114 - Semester November, 2003/2004
933	Advanced microprocessors - ECEB 473 - Semester 1, 2003/2004
934	Random process - EEEB 384 - Semester 2, 2003/2004
935	Microprocessor systems - EEEB 374 - Semester 1, 2002/2003
936	Hydrology and hydraulics engineering II - CEWB 2 - Semester 1, 2003/2004
937	High voltage technology - EEPB 463 - Semester November, 2003/2004
938	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2004/2005
939	Calculus and analytic geometry II - MATB 125 - Semester 1, 2003/2004
940	Electromagnetics - EEEB 354 - Semester 2, 2003/2004
941	Engineering electromagnetics II - EEEB 483 - Semester 2, 2003/2004
942	Opto electronics and fiber optics - EECB 483 - Semester 1, 2002/2003
943	Physics II - PHYF 124, Semester November, 2003/2004
944	Image processing - EEEB 473 - Semester 1, 2002/2003
945	Engineering electromagnetics - EEEB 483 - Semester 1, 2002/2003
946	Mechanical of fluids II - MEHB 332 - Semester 2, 2006/2007
947	Modern applied mathematics - MATF 154 - Semester November, 2003/2004
948	Communication system - EEEB 453 - Semester 1, 1999/2001
949	High voltage direct current (HVDC) and facts devices - EEPB 493 - Semester 1, 2003/2005
950	Hydrology and hydraulics engineering I - CEWB 314 - Semester 1, 2003/2004
951	Introductory calculus and analytical geometry - MATF 114 - Semester 1, 2008/2009
952	Reinforced concrete design I - CESB 443 - Semester 1, 2001/2002
953	Structural steel design I - CESB 323 - Semester 1, 2003/2004
954	Structural analysis I - CESB 313 - Semester 1, 2003/2004
955	Microprocessor systems - EEEB 374 - Semester 2, 2003/2004
956	Communication system - EEEB 453 - Semester 2, 2003/2004
957	HVDC and facts devices - EEPB 493 - Semester 2, 2003/2004
958	Differential equations - MATB 224 - Semester 1, 2004/2005
959	Mechanical of fluids - CEWB 224 - Semester 1, 2003/2004
960	Microprocessor systems laboratory - EEEB 371 - Final Exam, 2002
961	Electrical power systems II - EEPB 483 - Semester 2, 2003/2004
962	Image processing - EEEB 473 - Semester 2, 2003/2004
963	Power electronics - EEEB 433 - Semester 1, 2002/2003
964	Automation & robotics - MESB 403 - Semester 1, 2003/2004
965	Semiconductor devices - EESB 413 - Semester 2, 2003/2004
966	Project management and construction - CEPB 323 - Semester 1, 2003/2004
967	Thermodynamics - MEHB 244 - Semester 2, 2002/2003
968	Power system protection - EEPB 473 , Semester 2, 2003/2004
969	Thermodynamics I - MEHD 144 - Semester 1, 2004/2005
970	Structural analysis II - CESB 413 - Semester 1, 2003/2004
971	RF/u wave engineering - EECB 493 - Semester Jun, 2002/2003
972	Principles of management - COEB 432 - Semester 1, 2006/2007
973	Introduction to robotics - EEEB 493 - Semester I, 2002/2003
974	Computer organization - CMPD 114 - Semester 2, 2002/2003
975	Electrical power systems I - EEPB 453 - Semester November, 2003/2004
976	Artificial intelligent and neural - fuzzy systems - ECEB 463, Semester 1, 2003/2004
977	Mechanics II : Dynamics - MEMB 224 - Semester 1, 2003/2004
978	Process control & instrumentation - EEIB 413 - Semester 2, 2003/2004
979	Circuit analysis 1- EEEB 214 - Semester 1, 2003/2004
980	Calculus and analytic geometry III - MATB 214 - Semester 1, 2003/2004

981	Energy systems and utilisation - MEHB 453 - Semester 2, 2003/2004
982	Mechanics of materials - MEMB 314 - Semester 1, 2003/2004
983	VLSI design - EESB 423 - Semester 1, 2002/2003
984	Chemistry II - CHEB 123 - Semester 1, 2004/2005
985	Mathematics I - MATD 114 - Semester 1, 2004/2005
986	Integrated calculus for information technology - MATB 173 - Semester 1, 2004/2005
987	Principles of management - MGTB 213 - Semester 1, 2006/2007
988	Linear algebra - MATB 314 - Semester 1, 2004/2005
989	Circuit analysis II - EEEB 224 - Semester 1, 2003/2004
990	Mathematics II - MATD 124 - Semester 1, 2004/2005
991	Mathematics III - MATD 214 - Semester 1, 2004/2005
992	Integrated calculus for computer science - MATB 234 - Semester 1, 2004/2005
993	Mechatronic - MESB 413 - Semester 1, 1999/2000
994	Electrical power systems II - EEPB 483 - Semester Jun, 2003/2004
995	Control and drives - EEEB 443 - Semester 1, 2003/2004
996	Digital logic design - EEEB 264 - Semester I, 2003/2004
997	Control systems engineering I - EEEB 324 - Semester 1, 2003/2004
998	Digital signal processing - EEEB 364 - Semester June, 2003/2004
999	Electrical power systems II - EEPB 483 - Semester 1, 2003/2004
1000	Digital signal processing - EEEB 364 - Semester Jun, 2003/2004
1001	Transportation planning - CETB 413 - Special Semester, 2002/2003
1002	Electronics analysis and design I - EEEB 244 - Semester 1, 2002/2004
1003	Electromechanical devices - EEEB 344 - Semester 1, 2003/2004
1004	Electronic analysis and design II - EEEB 314 - Semester 1, 2003/2004
1005	Circuit analysis I - EEEB 214 - Semester 2, 2003/2004
1006	Signals and systems - EEEB 334 - Semester 1, 2003/2004
1007	Artificial intelligent and neural - fuzzy system - ECEB 463, Semester 2, 2003/2004
1008	RF / Microwave engineering - EECB 493 - Semester Jun, 2003/2004
1009	Mechanical of fluids - CEWB 123 - Semester 2, 2006/2007
1010	Circuit analysis II - EEEB 224 - Semester 2, 2003/2004
1011	VLSI design - EESB 423 - Semester 1, 2010/2011
1012	Electric analysis and desgin II - EEEB 314 - Semester 2, 2004/2005
1013	Opto electronics and fiber optics - EECB 483 - Semester 1, 2003/2004
1014	Mechanics of materials - MEMB 243 & MEMB 314 - Semester 2, 2006/2007
1015	Foundation engineering I - CEGB 423 - Semester 1, 2010/2011
1016	Project management and construction - CEPB 323 - Semester 1, 2004/2005
1017	Microprocessor systems - EEEB 373 - Semester 2, 2013/2014
1018	Heating, ventilating and air conditioning - MEHB 413 - Semester 1, 2003/2004
1019	Structural analysis II - CESB 413 - Semester 1, 2004/2005
1020	Numerical methods for civil engineers - CECB 423 - Semester 1, 2016/2017
1021	Digital logic design - EEEB 163/264 - Semester 2, 2004/2005
1022	Industrial engineering - MEFB 443 - Semester 2, 2004/2005
1023	Production planning and control - MEFB 433 - Semester 2, 2004/2005
1024	Reinforced concrete design II - CESB 423 - Semester 2, 2007/2008
1025	Civil engineering materials - CEMB 214 / CEMB 113 - Semester 1, 2004/2005
1026	Reinforced concrete design I - CESB 443 - Semester 1, 2004/2005
1027	Mechanical design - MEMD 244 - Semester 2, 2004/2005
1028	Mechanical of fluids I - MEHD 264 - Semester 2, 2004/2005
1029	Manufacturing processes - MEFB 213 - Semester 1, 2003/2004
1030	Statics - MEMB 123/MEMB 214 - Semester 2, 2006/2007

1031	Linear algebra - MATB 253 - Semester 1, 2010/2011
1032	Structural steel design I - CESB 323 - Semester 1, 2004/2005
1033	Numerical methods for engineers - MATB 324 - Semester 1, 2003/2004
1034	Soil mechanics II - CEGB 413 - Semester 2, 2004/2005
1035	Power electronics - EEEB 433 - Semester 1, 1999/2000
1036	Mechanics of materials - CEMB 224 - Semester 1, 2004/2005
1037	Advanced thermo - Fluids - MEHB 354 - Semester 1, 2003/2004
1038	Circuit analysis II - EEEB 123 - Semester 2, 2008/2009
1039	Electrical engineering for civil engineers - CECB 232 - Semester 1, 2004/2005
1040	Thermodynamics - MEHB 244 - Semester 1, 2003/2004
1041	Geology - CEGB 212 - Semester 1, 2010/2011
1042	Numerical methods for civil engineers - CECB 423 - December 2007/2008
1043	Thermodynamics II - MEHB 312 - Semester 2, 2006/2007
1044	Introduction to environmental engineering - CEEB 223 - Semester 1, 2010/2011
1045	Thermodynamics I - MEHB 213 - Semester 2, 2006/2007
1046	Reinforced concrete design II - CESB 453 - Semester 1, 2004/2005
1047	Electro-mechanical systems - EEEB 413 - Semester 2, 2008/2009
1048	Mechanics of fluids - CEWB 123 - Semester 1, 2010/2011
1049	Statistics for engineers - MATB 133 - Semester 1, 2010/2011
1050	Transportation planning - CETB 413 - Semester 1, 2004/2005
1051	Numerical methods for civil engineers - CECB 423 - Semester 1, 2010/2011
1052	Mechanics: Dynamics - MEMD 224 - Semester 2, 2004/2005
1053	Mechatronic - MESB 413 - Semester 2, 2006/2007
1054	Structural analysis 1 - CESB 313 - Semester 1, 2004/2005
1055	Surveying for engineers - CEVB 214 - Semester 2, 2004/2005
1056	Numerical methods for engineers - MATB 324 - Semester 2, 2004/2005
1057	Production planning and control - MEFB 433 - Semester 2, 2006/2007
1058	Trigonometry & conic sections - MATF 174 - Trimester 3, 2009/2010
1059	Analysis and design of civil engineering structures - CESB 463 - Semester 1, 2004/2005
1060	Computer aided manufacturing - MEFB 473 - Semester 1, 2003/2004
1061	Foundation engineering I - CEGB 423 - Semester 2, 2004/2005
1062	Communication system - EEEB 453 - Semester 1, 1999/2000
1063	Computer architecture - ECEB 483 - Semester 2, 2008/2009
1064	Electrical engineering for civil engineers - CECB 232 - Semester 2, 2004/2006
1065	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2008/2009
1066	Electromagnetics - EEEB 354 - Semester 1, 2003/2004
1067	Engineering combustion - MEHB 433 - Semester 2, 2004/2005
1068	Engineering electromagnetics II - EEEB 483 - Semester 1, 2003/2005
1069	Highway design & traffic engineering - CETB 423 - Semester 1, 2003/2004
1070	Project management and construction - CEPB 323 - Semester 2, 2007/2008
1071	Reinforced concrete design I - CESB 343 - Semester 2, 2007/2008
1072	Signals and systems - EEEB 334 - Semester Jun, 2001/2002
1073	Transportation engineering - CETB 315 - Semester 1, 2003/2004
1074	Mechanical of fluids - MEHB 334 - Semester 1, 2003/2004
1075	Power generation - MEHB 403 - Semester 2, 2006/2007
1076	Industrial engineering - MEFB 443 - Semester 1, 2003/2004
1077	Water & wastewater engineering I - CEEB 324 - Semester 1, 2004/2005
1078	Theory of machines - MEMB 263 - Semester 2, 2006/2007
1079	Transportation engineering - CETB 315 - Semeseter 1, 2004/2005

1080	Engineering mechanics I: Statics / Mechanics I: Statics - CECB 214 / CECB 113 - Semester 1, 2004/2005
1081	Engineering geology - CEGB 223 - Semester 2, 2004/2005
1082	Thermodynamics - MEHB 244 - Semester 2, 2006/2007
1083	Logic system design and process control - EEIB 263 - Semester 1, 2003/2004
1084	Engineering mechanics I: Statics - CECB 113 - Semester 2, 2004/2005
1085	Communication systems - EEEB 453/EECB 353 - Semester 2, 2008/2009
1086	Engineers and society - COEB 423 - Semester 2, 2004/2005
1087	Thermodynamics - MEHB 244 - Semester 2, 2004/2005
1088	Heating, ventilation and air conditioning - MEHB 413 - Semester 2, 2004/2005
1089	Engineers in society - COEB 423 - Semester 1, 2003/2004
1090	Process control & automation - MESD 203 - Semester 2, 2004/2005
1091	Manufacturing processes - MEFB 213 - Semester 2, 2004/2005
1092	Power generation - MEHB 403 - Semester 1, 2003/2004
1093	Manufacturing processes - MEFB 113 - Semester 2, 2004/2005
1094	Advanced thermo - Fluids - MEHB 354 - Semester 2, 2004/2005
1095	Mechanical of fluids - MEHB 334 - Semester 2, 2004/2005
1096	Electronic analysis & design I - EEEB 244 - Semester 1, 2004/2005
1097	Electrical machines & drives - EEEB 283 - Semester 2. 2008/2009
1098	Electronic analysis & design I - EEEB 143/ EEEB 244 - Semester 2, 2004/2005
1099	Mechanics of materials - CEMB 124 - Semester 2, 2004/2005
1100	Digital logic design laboratories - EEEB 261/ EEEB 161 - Semester 2, 2004/2005
1101	Soil mechanics I - CEGB 313 - Semester 2, 2004/2005
1102	Water & wastewater engineering II - CEEB 423, Semester 2, 2004/2005
1103	Radio frequency / Microwave engineering - EECB 493 - Semester November, 2004/2005
1104	Calculus and analytic geometry I - MATF 125/MATF 126 - Trimester 3, 2009/2010
1105	Foundation engineering II - CEGB 433 - Semester 2, 2004/2005
1106	Data communication and network - EECB 423 - Semester 2, 2004/2005
1107	Circuit analysis II - EEEB 123 - Semester 2, 2004/2005
1108	Circuit analysis 1- EEEB 113 & EEB 214 - Semester 1, 2004/2005
1109	Water & wastewater engineering I - CEEB 324 - Semester 2, 2004/2005
1110	Computer aided manufacturing - MEFB 473 - Semester 2, 2004/2005
1111	Power generation - MEHB 403 - Semester 2, 2004/2005
1112	Engineering mechanics I : Statics - CECB 113 - Semester 2, 2004/2005
1113	Data communication and network - EECB 423 - Semester 2, 2008/2009
1114	Production planning and control - MEFB 433 - Semester 1, 2005/2006
1115	Random process - EEEB 383 - Semester 2, 2013/2014
1116	Engineers in society - COEB 423 - Semester 1, 2001/2002
1117	Introduction to environmental engineering - CEEB 223 - Semester 1, 2016/2017
1118	Engineers and society - COEB 422/ 423 - Semester 1, 2006/2007
1119	Artificial intelligent and neural - fuzzy system - ECEB 463 - Semester 2, 2004/2005
1120	Mechanics of fluids I - MEHB 223 - Semester 1, 2006/2007
1121	Manufacturing processes - MEFB 213 / MEFD 113 - Semester 1, 2006/2007
1122	Finite element method - MEMB 423 - Semester 1, 2001,2002
1123	Engineering geology - CEGB 223 - Semester 1, 2001/2002
1124	Opto electronics & fiber optics - EECB 483 - Semester 2, 2003/2004
1125	Civil engineering materials - CEMB 214 - Semester 1, 2001/2002
1126	Theory of machines - MEMB 263 - Semester 1, 2006/2007
1127	Mechanical of fluids II - MEHB 332 - Semester 1, 2006/2007

1128	Calculus and analytic geometry II - MATB 125 - Semester 1, 2001/2002
1129	Mechanical of fluids - CEWB 224 - Semester 1, 2000/2001
1130	Advance thermo - Fluids - MEHB 354 - Semester 1, 2006/2007
1131	Calculus and analytic geometry III - MATF 214 - Semester 1, 2001/2002
1132	Mechanical design - MEMB 324 - Semester 1, 2006/2007
1133	Circuit analysis I - EEEB 214 - Semester 2, 2002/2003
1134	Engineering materials - METB 263/METB 113 - Semester 1, 2005/2006
1135	Logic system & process control design - EEIB 263 - Semester 4, 2001/2002
1136	Engineers and society - COEB 423 - Semester 1, 2001/2002
1137	Thermodynamics I - MEHB 213 - Semester 1, 2006/2007
1138	Control & drives - EEEB 443 - Semester 2, 2002/2003
1139	Mechanical vibrations - MEMB 443 - Semester 1, 2006/2007
1140	Mechanics of materials - MEMB 243 & MEMB 314 - Semester 1, 2006/2007
1141	Thermodynamics I - MEHB 213/MEHB 244 - Semester 2, 2007/2008
1142	RF / Microwave engineering - EECB 493 - Semester Jun, 2003/2004
1143	Modelling and analysis of dynamic systems - MESB 374 - Semester 1, 2005/2006
1144	Hydrology and hydraulics engineering I - CEWB 314/ CEWB 223 - Semester 2, 2006/2007
1145	Communication system - EEEB 453 - Semester November 2002/2003
1146	Hydrology and hydraulics engineering II - CEWB 413 - Semester November 2006/2007
1147	Industrial engineering - MEFB 443 - Semester 1, 2006/2007
1148	Finite element method - MEMB 423 - Semester 2, 2007/2008
1149	Electrical power systems II - EEPB 483 - Semester 1, 2001/2002
1150	Mechanics of fluids - MEHB 334 - Semester 1, 2006/2007
1151	Mechatronic - MESB 413 - Semester 1, 2005/2006
1152	Dynamics II - MEMB 224/ MEMB 233 - Semester 1, 2006/2007
1153	Internal combustion engine - MEHB 493 - Semester 1, 2006/2007
1154	Turbomachinery - MEHB 423 - Semester 2, 2007/2008
1155	Thermodynamics - MEHB 244 - Semester 1, 2006/2007
1156	Signals & Systems - EEEB 334 - Semester 2, 2003/2004
1157	Machine design - MEMB 333 - Semester 1, 2006/2007
1158	Mechanics - Statics - CECB 214 - Semester 1, 2001/2002
1159	Digital logic design - EEEB 264 - Semester 1, 2001/2002
1160	Foundation engineering I - CEGB 423 - Semester 1, 2001/2002
1161	Automation & robotics - MESB 403 - Semester 1, 2006/2007
1162	Engineering measurement - MESB 203 - Semester 1, 2006/2007
1163	Introduction to environmental engineering - CEEB 223 - Semester 2, 2006/2007
1164	Calculus and geometric analysis I - MATB 115 - Semester 1, 2001/2002
1165	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2006/2007
1166	Artifial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2007/2008
1167	Engineering materials - METB 113 / METB 263 - Semester 1, 2006/2007
1168	Process control & instrumentation - EEIB 413 - Semester 1, 2001/2002
1169	Structural analysis 1 - CESB 313 - Semester 1, 2001/2002
1170	Artificial intelligence - CMPB 454 - Semester 1, 2003/2005
1171	Introduction to robotics - EEEB 493 - Semester 1, 2001/2002
1172	Automation & robotics - MESB 403 - Semester 1, 2005/2006
1173	Applied telecommunication systems - EECB 433 - Semester 2, 2008/2009
1174	Calculus and analytic geometry I - MATF 125 - Semester 1, 2008/2010
1175	Chemistry I - CHEB 114 - Semester 2, 2001/2002

1176	Chemistry II - CHEF 123 - Semester 1, 2008/2009
1177	Civil engineering materials - CEMB 113 / CEMB 214 - Semester 2, 2004/2006
1178	College algebra - MATF 105 - Semester 1, 2008/2009
1179	Control and drives - EEEB 443 - Semester 2, 2008/2009
1180	Control System - EEEB 323/EEEB 324 - Semester 2, 2008/2009
1181	Control systems II - EEEB 423 - Semester 2, 2008/2009
1182	Data network architecture and electronics - EECB 473 - Semester 2, 2008/2009
1183	Differential equations - MATB 143/MATB 224 - Semester 1, 2008/2010
1184	Digital logic analysis & design - EEEB 163 - Semester 2, 2008/2009
1185	Engineering materials - METD 224 - Semester 2, 2004/2005
1186	Mechanics - MEMD 123 - Semester 2, 2004/2005
1187	Mechanics of fluids II - MEHD 282 - Semester 2, 2004/2005
1188	Mechanics of materials I - MEMD 234 - Semester 2, 2004/2005
1189	Statics - MEMD 124 - Semester 2, 2004/2005
1190	Structural analysis I - CESB 313 - Semester 1, 2001/2002
1191	Thermodynamics - MEHD 143 - Semester 2, 2004/2005
1192	Thermodynamics I - MEHD 144 - Semester 2, 2004/2005
1193	Thermodynamics II - MEHD 252 - Semester 1, 2004/2005
1194	Statics - MEMB 123 / MEMB 214 - Semester 1, 2006/2007
1195	Advanced microprocessors - ECEB 473 - Semester 2, 2002/2003
1196	Environmental engineering - MEHB 443 - Semester 1, 2006/2007
1197	Calculus and analytic geometry II - MATF 133 - Semester 1, 2008/2009
1198	Mechanics of fluids I - MEHB 223/ MEHB 334 - Semester 2, 2006/2007
1199	Computer aided manufacturing - MEFB 473 - Semester 1, 2005/2006
1200	Water & wastewater engineering I - CEEB 324 - Semester 1, 2000/2001
1201	Mechanics II : Dynamics - MEMB 233 - Semester 1, 2005/2006
1202	Mechanics I : Statics - CECB 113 - Semester 2, 2006/2007
1203	Failure analysis and design - MEMB 463 - Semester 1, 2006/2007
1204	Chemistry II - CHEB 123 - Semester June, 2001/2002
1205	Engineering measurement - MESB 203 - Semester 1, 2001/2002
1206	Mechanics of materials - MEMB 314 - Semester 2005/2006
1207	Mechanics of materials - CEMB 124 - Semester December, 2006/2007
1208	Control systems engineering I - EEEB 324 - Semester 2, 2002/2003
1209	Differential equations - MATB 224 - Semester 1, 2001/2002
1210	RF / Microwave engineering - EECB 493 - Semester Jun, 2001/2002
1211	Heat transfer - MEHB 474 - Semester 1, 2001/2002
1212	Mechanics of fluids - MEHB 334 - Semester 1, 2005/2006
1213	Data communication and network - EECB 423 - Semester 2, 2002/2003
1214	Random processes - EEEB 384 - Semester June, 2001/2002
1215	Statics - MEMB 123 / MEMB 214 - Semester 1, 2005/2006
1216	Thermodynamics II - MEHB 312- Semester 1, 2006/2007
1217	Linear algebra - MATB 314 - Semester 1, 2001/2002
1218	Power electronics - EEEB 433 - Semester 1, 2001/2002
1219	Numerical methods for civil engineers - CECB 423 - Semester December, 2006/2007
1220	Circuit analysis I - EEEB 113 - Semester 2, 2007/2008
1221	Thermodynamics I - MEHB 213 - Semester 1, 2005/2006
1222	Circuits analysis II - EEEB 123 - Semester 2, 2007/2008
1223	Data communication and network - EECB 423 - Semester 2, 2007/2008
1224	Reinforced concrete design II - CESB 453 - Semester 2, 2006/2007

1225	Environmental engineering - MEHB 443 - Semester 2, 2006/2007
1226	power electronics - EEEB 393 - Semester 2, 2013/2014
1227	Engineering graphics and computer applications - EEED 183 - Semester June, 2001/2002
1228	Water and wastewater engineering - CEEB 313 - Semester 1, 2016/2017
1229	Advance thermo - Fluids - MEHB 354 - Semester 2, 2006/2007
1230	Electrical technology II - EEED 124 - Semester 1, 2001/2002
1231	Engineering electromagnetic - EEEB 483 - Semester 2, 2002/2003
1232	Computer architecture - ECEB 483 - Semester 2, 2007/2008
1233	Structural analysis I - CESB 223 / CESB 313 - Semester 2, 2006/2007
1234	Power generation - MEHB 403 - Semester 1, 2007/2008
1235	Digital logic design - EEEB 264 - Semester 2, 2003/2004
1236	Software project management - CMPB 495 - 2003
1237	Principles of management - COEB 432 - Semester 2, 2007/2008
1238	Introduction to robotics - EEEB 493 - Semester November - March 2003
1239	Electronics analysis and design I - EEEB 244 - Semester 2, 2002/2003
1240	Engineering materials - METB 263/METB 113 - Semester 2, 2006/2007
1241	Transportation engineering - CETB 315 - Semester November, 2006/2007
1242	Measurement and Laboratory - MESB 333 - Semester 1, 2010/2011
1243	Circuit analysis II - EEEB 224 - Semester June, 2001/2002
1244	Production planning and control - MEFB 433 - Semester 1, 2006/2007
1245	Dynamic system modeling and analysis - MESB 313 / 374 - Semester 2, 2006/2007
1246	Mechanics of fluids II - MEHB 332 - Semester 1, 2010/2011
1247	Mathematics III - MATD 214 - Semester 1, 2001/2002
1248	Physics III - PHYF 144 - Trimester 1, 2010/2011
1249	Structural analysis II - CESB 353 - Semester December, 2006/2007
1250	Digital logic - EEED 144, Semester Jun, 2001/2002
1251	Data network architecture and electronics - EECB 473 - Semester 2, 2003/2004
1252	Heat transfer - MEHB 323 - Semester 1, 2010/2011
1253	Digital logic design - EEEB 264 - Semester 2, 2002/2003
1254	Integrated physics for computer science - PHYF 134 - Semester 1, 2008/2009
1255	Electrical machines and drives and electrical machines and devices - EEEB 283 / EEEB 344 - Semester 2, 2007/2008
1256	Circuit analysis I - EEEB 214 - Semester 1, 2001/2002
1257	Automation & robotics - MESB 403 - Semester 2, 2006/2007
1258	Numerical methods for engineers - MATB 324/COEB 223 - Semester 1, 2006/2007
1259	Image processing - EEEB 473 - Semester 2, 2004/2005
1260	Water & wastewater engineering - CEEB 313 - Semester 2, 2006/2007
1261	Principles of management - COEB 432 / MGTB 213 - Semester 2, 2008/2009
1262	Physics II - PHYF 125/PHYB 124 - Trimester 1, 2010/2011
1263	Calculus and analytic geometry II - MATF 133 - trimester 2, 2008/2009
1264	Introduction to robotics - EEEB 493 - Semester 2, 2004/2005
1265	Control systems II - EEEB 423 - Semester 2, 2007/2008
1266	Introduction to microcontrollers - EEED 254 - Semester 1, 2001/2002
1267	Soil mechanics 1 - CEGB 323 - Semester November, 2006/2007
1268	Project management and construction - CEPB 323 - Semester April, 2006/2007
1269	Electronics - EEED 214 - Semester Jun - Oktober, 2001
1270	Dynamics II - MEMB 224/ MEMB 233 - Semester 2, 2006/2007
1271	Communication system - EEEB 453 - Semester 2, 2007/2008
1272	Calculus and analytic geometry I - MATF 125/MATF 126 - Trimester 2, 2008/2009

1273	Artificial intelligent - CMPB 454 - Semester 1, 2002/2003
1274	Water & wastewater engineering / Water & wastewater engineering II - CEEB 313 / CEEB 423, Semester 2, 2007/2008
1275	Computer aided manufacturing - MEFB 473 - Semester 1, 2010/2011
1276	Thermodynamics II/advanced thermo- fluids - MEHB 312/MEHB 354 - Semester 1, 2010/2011
1277	Digital signal processing - EEEB 364/ EEEB 363 - Semester 2, 2007/2008
1278	High voltage DC transmission (HVDC) and facts devices - EEPB 493 - Semester November 2002/2003
1279	Internal combustion engine - MEHB 493 - Semester 1, 2010/2011
1280	Advanced microprocessors - ECEB 473 - Semester 1, 2001/2002
1281	Failure analysis and design - MEMB 463 - Semester 1, 2010/2011
1282	Soil mechanics II - CEGB 333 / CEGB 413 - Semester November, 2006/2007
1283	Structural steel design I - CESB 333 / CESB 323 - Semester November 2006/2007
1284	Surveying for engineers - CEVB 213 - Semester 2, 2006/2007
1285	Electrical power systems I - EEPB 353 / EEPB 453 - Semester 2, 2007/2008
1286	Control systems - EEEB 324 / EEEB 323 - Semester 2, 2007/2008
1287	Image processing - EEEB 473 - Semester 2, November 2002/2003
1288	Engineering measurement and lab - MESB 203/ MESB 333 - Semester 2, 2006/2007
1289	Computational fluid dynamics - MEHB 463 - Semester 2, 2006/2007
1290	Communication system - EEEB 453 - Semester 2, 2004/2005
1291	Computer organisation - CMPD 324 - Semester 1, 2002/2003
1292	Data communication and computer network - CMPB 315 - Semester 1, 2002/2003
1293	Water & wastewater engineering II - CEEB 423 - Semester 2, 2006/2007
1294	Data network architecture and electronics - EECB 473 - Semester Jun, 2002/2003
1295	Data and computer security - CMPB 465 - Semester June, 2002
1296	Control systems - EEEB 324 - Semester 2, 2003/2004
1297	Java - Based application development - CMPB 445 - Semester 1, 2003/2004
1298	Microprocessor systems - EEEB 374 - Semester 2, 2004/2005
1299	Computing skills - CMPB 114 - Semester 1, 2002/2003
1300	Mathematics II - MATD 124 - Semester 1, 2001/2002
1301	Signals and systems - EEEB 334 - Semester 2, 2004/2005
1302	Engineering electromagnetics - EEEB 483 - Semester November 2004/2005
1303	Data communication and network - EECB 423 - Semester 2, 2003/2004
1304	Database system - CMPD 274 - 2001
1305	Failure analysis and design - MEMB 463 - Semester 2, 2007/2008
1306	Random process - EEEB 384 - Semester 2, 2004/2005
1307	Mathematics I - MATD 114 - Semester 1, 2001/2002
1308	Mechanics of fluids - MEHB 223 - Semester 1, 2007/2008
1309	Repair, assessment and rehabilitation - CESB 483 - Semester December, 2007/2008
1310	Electrical / Electronics measurement lab - EEEB 211 - Semester 2, 2003/2004
1311	High voltage technology - EEPB 463 - Semester 2, 2004/2005
1312	Manufacturing processes - MEFB 213 - Semester 1, 2007/2008
1313	Electronics analysis & design I - EEEB 143 - Semester 2, 2008/2009
1314	Engineering economics - COEB 442 - Semester 2, 2008/2009
1315	Ethics in technical communication - COEB 413 - Semester 1, 2003/2005
1316	Fundamental of calculus - MATF 165 - Semester 1, 2008/2009
1317	Information technology act - CMPB 443 - Semester 1, 2003/2005
1318	Semiconductor devices - EESB 413 - Semester Jun, 2001/2002
1319	Engineering economics - COEB 442 - Semester 2, 2007/2008

1320	Power system protection - EEPB 473 - Semester 1, 2004/2005
1321	Chemistry II - CHEF 124 - Semester 2, 2008/2009
1322	Power electronics - EEEB 433 - Semester 2, 2004/2005
1323	Engineers and society - COEB 422 / COEB 423 - Semester 2, 2007/2008
1324	Chemistry laboratory - CHEF 111 - Semester 2, 2008/2009
1325	Semiconductor devices - EESB 413 - Semester 2, 2004/2005
1326	Mechanics of materials - MEMB 243 - Semester 1, 2007/2008
1327	Engineering materials - METB 263 / METB 113 - Semester 2, 2007/2008
1328	Numerical methods for civil engineers - MATB 324 / COEB 223 - Semester 2, 2007/2008
1329	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2006/2007
1330	Turbomachinery - MEHB 423 - Semester 1, 2010/2011
1331	Engineering electromagnetic - EEEB 483 - Semester Jun, 2001/2002
1332	Chemistry II - CHEB 123 - Semester 1, 2002/2003
1333	Solid Waste Management - CEEB 433 - Semester 1, 2016/2017
1334	Calculus and analytic geometry II - MATB 214 - Semester 1, 2002/2003
1335	Analysis and design of civil engineering structures - CESB 463 - Semester 2, 2008/2009
1336	Theory of machines - MEMB 263 - Semester 1, 2010/2011
1337	Electromechanical devices - EEEB 344 - Semester 1, 2001/2002
1338	Control system II - EEEB 423 - Semester 2, 2013/2014
1339	Modeling and analysis of dynamic systems/modeling and control of dynamic systems - MESB 313/MESB 323 - Semester 2, 2013/2014
1340	Mechanics II : Dynamics - MEMB 233 - Semester 1, 2010/2011
1341	Non-destructive testing - MEMB 453 - Semester 1, 2001/2002
1342	Control and drives - EEEB 443 - Semester 2, 2004/2005
1343	Finite mathematics - MATF 134 - Trimester 1, 2010/2011
1344	Civil engineering materials - CEMB 113 - Semester December 2007/2008
1345	Thermodynamics - MEHB 244 - Semester 1, 2001/2002
1346	Optoelectronics and fibre optics - EECB 483 - Semester June, 2001/2002
1347	Principles of management - MGTB 213 - Semester 2, 2007/2008
1348	Mechatronic - MESB 413 - Semester 1, 2006/2007
1349	Physics II - PHYB 124 - Semester 1, 2002/2003
1350	Mechanics of fluids I - MEHB 223/MEHB 334 - Semester 1, 2010/2011
1351	Applied stastistic - MATB 344 - Semester 1, 2002/2003
1352	Computational fluid dynamics - MEHB 463 - Semester 1, 2010/2011
1353	Java-based application development - CMPB 445 - Semester 1, 2003/2004
1354	Geogology - CEGB 212 - Semester 2, 2007/2008
1355	Trigonometry & conic sections - MATF 174 - Trimester 1, 2010/2011
1356	Physics - PHYD 114 - Semester November, 2000/2001
1357	Production planning and control - MEFB 433 - Semester 1, 2010/2011
1358	Fizik - PHYB 134 - Semester June, 2002/2003
1359	Digital signal processing - EEEB 364 - Semester 1, 2004/2005
1360	Computer literacy - CMPF 114 - Semester 1, 2003/204
1361	Statistics for engineers - MATB 244 - Semester 1, 2002/2003
1362	Calculus and analytic geometry I - MATB 125 - Semester 1, 2002/2003
1363	Foundation engineering I - CEGB 423 - Semester November, 2007/2008
1364	College algebra/integrated calculus for IT - MATF 104/MATB 173 - Semester/Trimester 1, 2010/2011
1365	Control systems - EEEB 324 - Semester 2, 2004/2005

1366	Physics - PHYB 134 - Semester 1, 2001/2002
1367	Heat transfer - MEHB 474 - Semester 1, 2006/2007
1368	Microprocessor systems - EEEB 374 - Semester 1, 2001/2002
1369	Power generation - MEHB 403 - Semester 1, 2006/2007
1370	Introduction to physics - PHYF 104 - Trimester 1, 2010/2011
1371	Electromechanical devices - EEEB 344 - Semester 2, 2002/2003
1372	Engineers in society - COEB 423 - Semester 1, 2005/2006
1373	Calculus and geometric analysis I - MATB 115 - Semester 1, 2002/2003
1374	Process control & instrumentation - EEIB 413 - Semester 1, 2010/2011
1375	Automation & robotics - MESB 403 - Semester 1, 2010/2011
1376	Engineering economics - COEB 442 - Semester 1, 2010/2011
1377	Image processing - CMPB 345 - 2003
1378	Chemistry I - CHEF 114/CHEB 114 - Trimester 1, 2010/2011
1379	Power generation - MEHB 403 - Semester 1, 2001/2002
1380	Modern applied mathematics - MATB 134 - Semester 1, 2001/2002
1381	Principles of management - COEB 432/MGTB 213 - Semester 1, 2010/2011
1382	Mechanics II : Dynamics - MEMB 224 - Semester 1, 2001/2002
1383	Dynamic system modeling and analysis - MESB 313 / MESB 374 - Semester 1, 2006/2007
1384	Introductory calculus and analytic geometry - MATF 115 - Trimester 1, 2010/2011
1385	Computational fluid dynamics - MEHB 413 - Semester 1, 2006/2007
1386	Engineers in society - COEB 423 - Semester 1, 2002/2003
1387	Electrical power systems I - EEPB 453 - 2003
1388	Modeling and analysis of dynamic systems - MESB 313 - Semester 1, 2010/2011
1389	Heating, ventilating and air conditioning - MEHB 413 - Semester 1, 2005/2006
1390	Mechanical vibrations - MEMB 443 - Semester 1, 2010/2011
1391	Physics I - PHYF 115 - Trimester 1, 2010/2011
1392	Electromagnetics - EEEB 354 - Semester 2, 2002/2003
1393	Data and computer security - CMPB 465 - Semester 1, 2003/2004
1394	Heating, ventilating and air- conditioning - MEHB 413 - sEMESTER 1, 2010/2011
1395	Data structure and algorithms - CMPB 274 - Semester 1, 2002/2003
1396	Modern applied mathematics - MATD 134 - Semester 1, 2001/2002
1397	Machine design - MEMB 333 - Semester 1, 2010/2011
1398	Power generation - MEHB 403 - Semester 1, 2010/2011
1399	Thermodynamics I - MEHB 213/MEHB 244 - Semester 1, 2010/2011
1400	Chemistry laboratory - CHEF 111 - Trimester 1, 2010/2011
1401	Manufacturing processes - MEFB 213 - Semester 1, 2010/2011
1402	Electrical power systems II - EEPB 483 - Semester November, 2002/2003
1403	Database design - CMPB 245 - Semester 1, 2002/2003
1404	Engineering materials - METB 113 - Semester 1, 2010/2011
1405	Physics II - PHYB 124 - Semester 1, 2001/2002
1406	Mechanics of materials - MEMB 243 - Semester 1, 2010/2011
1407	Data communication and computer network - CMPB 315 - Semester 1, 2001/2002
1408	Failure analysis and design - MEMB 463 - Semester 1, 2005/2006
1409	Chemistry II - CHEF 124 - Trimester 1, 2010/2011
1410	Calculus and analytic geometry II - MATF 144 - Trimester 2010/2011
1411	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2010/2011
1412	Calculus and analytic geometric I - MATF 125/MATF 126 - Trimester 1, 2010/2011
1413	Electrical/electronics measurement Lab - EEEB 211 - Semester 2, 2002/2003
1414	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2010/2011

1415	Applied statistics - MATB 344 - Semester 1, 2001/2002
1416	Statistics for engineers - MATB 244 - Semester 1, 2001/2002
1417	Physics I - PHYB 114 - Semester1, 2001/2002
1418	Numerical methods for engineers - MATB 324 - Semester 1, 2001/2002
1419	Modern applied mathemathics - MATB 134 - Semester 1, 2002/2003
1420	Electronic analysis and design II - EEEB 314 - Semester 2, 2002/2003
1421	Artificial intelligence - CMPB 454 - Semester 1, 2003/2004
1422	Electrical power system I - EEPB 453 - Semester 2, 2004/2005
1423	Microprocessor systems - EEEB 373 - Semester 1, 2010/2011
1424	VLSI design - EESB 423 - Semester 2, 2004/2005
1425	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2016/2017
1426	System analysis & design - CMPB 223 - Semester 1, 2003/2004
1427	Differential equations - MATB 224 - Semester 3, 2002/2003
1428	Electromagnetics - EEEB 253 - Semester 2, 2007/2008
1429	Computer based training development - CMPB 425 - Semester 1, 2003/2005
1430	Human computer interaction - CMPB 354 - Semester 1, 2003/2005
1431	Information technology act - CMPB 443 - Semester 1, 2003/2004
1432	Multimedia systems design - CMPB 474 - Semester 1, 2003/2005
1433	Numerical methods for engineers - MATB 324/COEB 223 - Semester 2, 2006/2007
1434	Image processing - EEEB 473 - Semester 2, 2013/2014
1435	Object oriented programming - CMPB 254 - Semester 1, 2003/2004
1436	Turbomachinery - MEHB 423 - Semester 2, 2006/2007
1437	Principles of programming - CMPB 164 - Semester 1, 2001/2002
1438	Geometric programming - CMPB 335 - Semester 1, 2003/2004
1439	Engineers and society - COEB 422 - Semester 2, 2006/2007
1440	High voltage technology - EEPB 463 - Semester 1, 2010/2011
1441	Communications systems - EECB 353 - Semester 1, 2010/2011
1442	Electromechanical devices - EEEB 344 - Semester 2, 2004/2005
1443	Highway and transportation engineering - CETB 414 - Semester 2, 2007/2008
1444	Electromagnetics - EEEB 354 - Semester 2, 2004/2005
1445	Advanced calculus and analytical geometry - MATB 214 - Semester 1, 2006/2007
1446	Civil engineering materials - CEMB 113 - Semester 2, 2006/2007
1447	Repair, assessment and rehabilition - CESB 483 - Semester 2, 2007/2008
1448	Random process - EEEB 384 - Semester 2, 2002/2003
1449	Internal combustion engine - MEHB 493 - Semester 2, 2006/2007
1450	Calculus and analytic geometry III - MATB 214 - Semester 3, 2002/2003
1451	RF/microwave engineering - EECB 493 - Semester 2, 2002/2003
1452	Advanced microprocessor - ECEB 473 - Semester 1, 2010/2011
1453	Structural analysis I - CESB 223 - Semester 2, 2007/2008
1454	Power system protection - EEPB 473 - Semester 2, 2002/2003
1455	Image processing - EEEB 473 - Semester 1, 2010/2011
1456	Heat transfer - MEHB 323/MEHB 474 - Semester 2, 2006/2007
1457	Opto electronics & fiber optics - EECB 483 - Semester 2, 2002/2003
1458	Principles of C-programming -CMPB 164 - Semester 1, 2003/2004
1459	Applied telecommunication systems - EECB 433 - Semester 2, 2007/2008
1460	Analysis & design of civil engineering structures - CESB 463 - Semester 2, 2006/2007
1461	Water & waswater engineering /water & waswater engineering - CEEB 313/CEEB 423 - Semester 2, 2007/2008
1462	Computer organization - CMPB 234 - Semester 1, 2003/2004

1463	Calculus and analytic geometry II - MATB 125 - Semester 1, 2006/2007
1464	Applied telecommunication systems - EECB 433 - Semester 1, 2010/2011
1465	Integrated calculus for information technology - MATB 173 - Semester 1, 2006/2007
1466	Linear algebra - MATB 253 - Semester 1, 2006/2007
1467	Computer literacy - CMPF 114 - Semester 1, 2003/2004
1468	College algebra - MATF 104/MATF 105 - Trimester 3, 2009/2010
1469	Manufacturing processes - MEFB 213 - Semester 2, 2006/2007
1470	Finite element method - MEMB 423 - Semester 2, 2006/2007
1471	Applied statistics - MATB 344 - Semester 1, 2006/2007
1472	Highway and transportation engineering - CETB 414 - Semester 1, 2010/2011
1473	Linear algebra - MATB 314 - Semester 1, 2006/2007
1474	Calculus and analytic geometry I - MATB 115 - Semester 3, 2002/2003
1475	Geology - CEGB 212 - Semester 2, 2006/2007
1476	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2010/2011
1477	Soil mechanics I - CEGB 323 - Semester 2, 2007/2008
1478	Computational fluid dynamics - MEHB 463 - Semester 1, 2007/2008
1479	Calculus and geometric analysis II - MATB 125 - Semester 3, 2002/2003
1480	Operating system - CMPB 214 - Semester 1, 2003/2004
1481	Circuit analysis I - EEEB 113 - Semester 1, 2010/2011
1482	Highway design and traffic engineering - CETB 423 - Semester 2, 2007/2008
1483	Data communication and network - EECB 423 - Semester 1, 2010/2011
1484	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2010/2011
1485	Power electronics - EEEB 433 - Semester 2, 2002/2003
1486	Electrical safety and hazards - EEPB 423 - Semester 2, 2007/2008
1487	Digital signal processing - EEEB 363 - Semester 1, 2010/2011
1488	Calculus & analytic geometry II - MATB 153 - Semester 1, 2006/2007
1489	Circuit analysis II - EEEB 123 - Semester 1, 2010/2011
1490	Machine design/mechanical design - MEMB 333/MEMB 324 - Semester 2, 2006/2007
1491	High voltage technology - EEPB 463 - Semester 2, 2007/2006
1492	Electrical installations - EEPB 413 - Semester 1, 2010/2011
1493	Semiconductor devices - EESB 413 - Semester 2, 2002/2003
1494	Circuit Analysis I - EEEB 214 - Semester 3, 2002/2003
1495	Electrical power systems II - EEPB 383/EEPB 483 - Semester 2, 2007/2008
1496	Electronics analysis & design I - EEEB 143 - Semester 2, 2007/2008
1497	Differential equations - MATB 143 - Semester 1, 2006/2007
1498	Computer aided manufacturing - MEFB 473 - Semester 1, 2007/2008
1499	Calculus and geometic analysis I - MATB 115 - Semester 1, 2006/2007
1500	High voltage direct current (HVDC) - EEPB 493 - Semester 2, 2007/2008
1501	Digital logic analysis & design - EEEB 163 - Semester 1, 2010/2011
1502	Electromechanical systems - EEEB 413 - Semester 1, 2010/2011
1503	Structural steel design I - CESB 333/CESB 323 - Semester 2, 2007/2008
1504	Control systems - EEEB 323/EEEB 324 - Semester 1, 2010/2011
1505	Internet software technology - CMPB 264 - Semester 1, 2003/2004
1506	Circuit analysis II - EEEB 224 - Semester 3, 2002/2003
1507	Linear algebra - MATB 314 - Semester 3, 2002/2003
1508	Embedded system - EESB 493 - Semester 1, 2010/2011
1509	Mechanics of materials - CEMB 124 - Semester 1, 2010/2011
1510	Electrical power systems II - EEPB 483 - Semester 2, 2004/2005
1511	Advanced microprocessor - ECEB 473 - Semester 2, 2003/2004

1512	Data network architecture and electronics - EECB 473 - Semester 1, 2010/2011
1513	Software engineering - CMPB 225 - Semester 1, 2003/2004
1514	Integrated calculus for computer SC. - MATB 234 - Semester 1, 2006/2007
1515	Differential equations - MATB 224 - Semester 1, 2007/20086/2007
1516	Structural analysis II - CESB 353 - Semester 2, 2007/2008
1517	Engineering in society - COEB 423 - Semester 3, 2002/2003
1518	Advanced microprocessor - ECEB 473 - Semester 2, 2007/2008
1519	Physics I - PHYB 114 - Semester 1, 2002/2003
1520	Hydrology & Hydraulic Engineering I - CEWB 223/CEWB 314 - Semester 2, 2007/2008
1521	Digital logic design - EEEB 264 - Semester 3, 2002,2003
1522	Electro-mechanical systems - EEEB 413 - Semester 2, 2007/2008
1523	Chemistry laboratory - CHEF 111 - Trimester 3, 2009/2010
1524	Engineering measurement and lab - MESB 203 - Semester 2, 2007/2008
1525	Signals and systems - EEEB 233 - Semester 1, 2010/2011
1526	Manufacturing processes - MEFB 213 - Semester 2, 2013/2014
1527	Engineering geology - CEGB 112 - Semester 1, 2012/2013
1528	Production planning and control - MEFB 433 - Semester 1, 2012/2013
1529	Electromagnetic fields & waves - EEEB 253 - Semester 1, 2010/2011
1530	Highway engineering - CETB 322 - Semester 1, 2016/2017
1531	Introduction to environmental engineering - CEEB 223 - Semester 2, 2007/2008
1532	Mechanics of materials - CEMB 124 - Semester 2, 2007/2008
1533	Soil mechanics I - CEGB 323 - Semester 2, 2007/2008
1534	Electrical machines and drives - EEEB 283 - Semester 2, 2011/2012
1535	Computer controlled systems - EEEB 513 - Semester 2, 2013/2014
1536	Water resources engineering - CEWB 423 - Semester 2, 2012/2013
1537	Power engineerics - EEEB 393/EEEB 433 - Semester 1, 2010/2011
1538	Electrical installations - EEPB 413 - Semester 2, 2012/2013
1539	Power Electronics - EEEB 433/EEB 393 - Semester 2, 2007/2008
1540	Highway design and traffic engineering - CETB 423 - Semester 1, 2012/2013
1541	Image processing - EEEB 473 - Semester 2, 2007/2008
1542	Power distribution engineering - EPEB 453 - Semester 1, 2010/2011
1543	Chemistry II - CHEF 124 - Trimester 3, 2009/2010
1544	Water resources engineering - CEWB 423 - Semester 1, 2016/2017
1545	Numerical methods for civil engineers - CECB 423 - Semester 2, 2007/2008
1546	Data network architecture and electronics - EECB 473 - Semester 3, 2011/2012
1547	Physics I - PHYF 114/PHYF 115 - Trimester 3, 2009/2010
1548	Mechanics of materials - MEMB 243 - Semester 1, 2012/2013
1549	Ethics in technical communication - COEB 413 - Semester 1, 2003/2004
1550	Human computer interaction - CMPB 354 - Semester 1, 2003/2004
1551	Multimedia systems design - CMPB 474 - Semester 1, 2003/2004
1552	Soil mechanics II - CEGB 333/CEGB 413 - Semester 2, 2007/2009
1553	Hydraulic engineering - CEWB 222 - Semester 1, 2016/2017
1554	Circuit theory - ECCB 114 - Semester 1, 2012/2013
1555	Mechanics I : statics - CECB 113 - Semester 1, 2010/2011
1556	Semiconductor devices - EESB 313 - Semester 3, 2011/2012
1557	Water and wastewater engineering - CEEB 313 - Semester 1, 2010/2011
1558	Mechanics of fluids - CEWB 123 - Semester 1, 2016/2017
1559	Optoelectrics & fiber optics communication - EECB 483 - Semester 2, 2007/2008
1560	Production planning and control - MEFB 433 - Semester 2, 2013/2014
1561	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2010/2011

1562	Surveying for engineers - CEVB 213 - Semester 1, 2012/2013
1563	Mechanics I : statics - CECB 113 - Semester 2, 2007/2008
1564	RF & microwave engineering - EECB 493 - Semester 1, 2010/2011
1565	Surveying for engineers - CEVB 213 - Semester 2, 2011/2012
1566	Random process - EEEB 383 - Semester 2, 200/2008
1567	Reinforced concrete design II - CESB 423/CESB 453 - semester 2, 2007/2008
1568	Chemistry I - CHEF 114 - Trimester 3, 2009/2010
1569	Modeling and control of dynamic systems - MESB 323 - Semester 2, 2012/2013
1570	Calculus and analytical geometry II - MATF 144 - Trimester 3, 2009/2010
1571	Soil mechanics II - CEGB 333 - Semester 1, 2010/2011
1572	Physics III - PHYF 144 - Trimester 3, 2009/2010
1573	Mechanics II : dynamics - CECB 122 - Semester 2, 2011/2012
1574	Foundation engineering I - CEGB 423 - Semester 1, 2012/2013
1575	Mechanics of fluids - CEWB 123 - Semester 2, 2007/2008
1576	Power system protection - EEPB 473 - Semester 2, 2007/2008
1577	Electronic analysis and design II - EEEB 273 - Semester 1, 2010/2011
1578	Electro-mechanical systems - MESB 443 - Semester 3, 2011/2012
1579	Microprocessor systems - EEEB 373 - Semester 2, 2012/2013
1580	Structural steel design I - CESB 333 - Semester 2, 2007/2008
1581	Modeling and analysis of dynamic systems - MESB 313 - Semester 1, 2012/2013
1582	Engineers in society - COEB 422 - Semester 2, 2012/2013
1583	Principles of management - COEB 432/MGTB 213 - Semester 1, 2012/2013
1584	Soil mechanics I - CEGB 323 - Semester 1, 2010/2011
1585	Foundation engineering I - CEGB 423 - Semester 2, 2011/2012
1586	Control systems - EEEB 323/EEEB 324 - Semester 1, 2012/2013
1587	Electronics analysis & design I - EEEB 143 - Semester 1, 2012/2013
1588	Data communication and network - EECB 423 - Semester 1, 2012/2013
1589	Statistics for engineers - MATB 133 - Semester 2, 2012/2013
1590	Hydraulic engineering - CEWB 222 - Semester 1, 2012/2013
1591	Electronics analysis & design I - EEEB 143 - Semester 1, 2010/2011
1592	Electrical machines & drives - EEEB 283 - Semester 1, 2010/2011
1593	Hydrology & hydraulic engineering - CEWB 223 - Semester 1, 2012/2013
1594	Engineering geology - CEGB 112/CEGB 212 - Semester 2, 2011/2012
1595	Microprocessor systems - EEEB 373/EEEB 374 - Semester 2, 2007/2008
1596	Power quality - EPEB 413 - Semester 1, 2010/2011
1597	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2012/2013
1598	Differential equations - MATB 143 - Semester 2, 2012/2013
1599	Electronic analysis and design II - EEEB 273 - Semester 1, 2012/2013
1600	Electromagnetic fields & waves - EEEB 253 - Semester 1, 2012/2013
1601	Electrical machines and drives - EEEB 283 - Semester 1, 2012/2013
1602	Circuit theory - ECCB 114 - Semester 2, 2012/2013
1603	Power generation - MEHB 403 - Semester 1, 2012/2013
1604	Electrical installations - EEPB 413 - Semester 3, 2011/2012
1605	HVDC and FACTS - EEPB 493 - Semester 3, 2011/2012
1606	Signals and systems - EEEB 233 - Semester 2, 2012/2013
1607	Geotechnical engineering - CEGB 333 - Semester 1, 2012/2013
1608	Digital logic design - EEEB 163 - Semester 2, 2011/2012
1609	Data network architecture and electronics - EECB 473 - Semester 1, 2012/2013
1610	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2012/2013
1611	Mechanics of fluids I - MEHB 223 - Semester 1, 2012/2013

1612	Manufacturing processes - MEFB 213 - Semester 1, 2012/2013
1613	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 2, 2012/2013
1614	Mechanics of fluids II - MEHB 332 - Semester 1, 2012/2013
1615	Power distribution engineering - EPEB 453 - Semester 2, 2012/2013
1616	Civil engineering materials - CEMB 113 - Semester 1, 2012/2013
1617	Thermodynamics I - MEHB 213 - Semester 1, 2012/2013
1618	Communication systems - EECB 353 - Semester 1, 2012/2013
1619	Power system protection - EEPB 473 - Semester 2, 2012/2013
1620	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2012/2013
1621	Linear algebra - MATB 253 - Semester 2, 2012/2013
1622	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 1, 2010/2011
1623	Electronic analysis and design II - EEEB 273 - Semester 2, 2011/2012
1624	Digital logic design - EEEB 163 - Semester 1, 2012/2013
1625	High voltage technology - EEPB 463 - Semester 3, 2011/2012
1626	Applied telecommunication systems - EECB 4833 - Semester 1, 2011/2012
1627	Computational fluids dynamics - MEHB 423 - Semester 1, 2011/2012
1628	Power system protection - EEPB 473 - Semester 2, 2011/2012
1629	Engineering materials - METB 113 - Semester 1, 2011/2012
1630	Statistics for engineers - MATB 133 - Semester 1, 2012/2013
1631	Semiconductor devices - EESB 313 - Semester 2, 2011/2012
1632	Analog IC - Semester 2, 2011/2012
1633	High voltage engineering - EEPM 543 - Semester 1, 2012/2013
1634	Civil engineering materials - CEMB 113 - Semester 1, 2011/2012
1635	Differential equations - MATB143 - Semester 1, 2012/2013
1636	Surveying for engineers - CEVB 213 - Semester 1, 2011/2012
1637	Computational fluid dynamics - MEHB 463 - Semester 3, 2011/2012
1638	Transportation engineering - CETB 412 - Semester 2, 2013/2014
1639	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2012/2013
1640	Numerical methods for civil engineers - CECB 423 - Semester 1, 2011/2012
1641	Image processing - EEEB 473 - Semester 1, 2011/2012
1642	RF/microwave engineering - EECB 493 - Semester 1, 2011/2012
1643	Mechanics of fluids I - MEHB 223 - Semester 2, 2013/2014
1644	High voltage technology - EEPB 463 - Semester 1, 2012/2013
1645	Engineering materials - METB 113 - Semester 2, 2013/2014
1646	Electrical power system I - EEPB 353 - Semester 3, 2011/2012
1647	Project management and construction - CEPB 323 - Semester 3, 2011/2012
1648	Foundation engineering I - CEGB 423 - Semester 1, 2014/2015
1649	Mechanics of fluids - CEWB 123 - Semester 1, 2011/2012
1650	Electrical machines and drives - EEEB 283 - Semester 1, 2011/2012
1651	Signals and systems - EEEB 233 - Semester 1, 2012/2013
1652	Introduction to robotics - EEEB 493 - Semester 1, 2012/2013
1653	Numerical methods for civil engineers - CECB 423 - Semester 2, 2013/2014
1654	Reinforced concrete design I - CESB 343 - Semester 2, 2011/2012
1655	Geotechnical engineering - CEGB 333 - Semester 1, 2014/2015
1656	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2011/2012
1657	Reinforced concrete design II - CESB 423 - Semester 2, 2013/2014
1658	Production planning and control - MEFB 433 - Semester 1, 2011/2012
1659	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2014/2015

1660	Electromagnetic fields & waves - EEEB 253 - Semester 3, 2011/2012
1661	Structural analysis II - CESB 353 - Semester 2, 2013/2014
1662	Power electronics - EEEB 393 - Semester 1, 2012/2013
1663	Reinforced concrete design I - CESB 343 - Semester 1, 2011/2012
1664	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 2, 2013/2014
1665	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 1, 2012/2013
1666	Digital logic design - EEEB 163 - Semester 1, 2011/2012
1667	power electronics - EEEB 393/EEEB 433 - Semester 1, 2011/2012
1668	Heat transfer - MEHB 323 - Semester 2, 2013/2014
1669	Power distribution engineering - EPEB 453 - Semester 1, 2011/2012
1670	Microprocessor systems - EEEB 373 - Semester 1, 2012/2013
1671	Differential equations - MATB 143 - Semester 1, 2011/2012
1672	Numerical methods for civil engineers - CECB 423 - Semester 3, 2011/2012
1673	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2013/2014
1674	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2011/2013
1675	Thermodynamics II - MEHB 312 - Semester 2, 2013/2014
1676	Mechanics II : Dynamics - CECB 122 - Semester 2, 2013/2014
1677	Mechanics II : dynamics - MEMB 233 - Semester 1, 2014/2015
1678	Automation & robotics - MESB 403 - Semester 1, 2011/2012
1679	VLSI design - EESB 423 - Semester 1, 2012/2013
1680	Electro-mechanical systems - MESB 443 - Semester 2, 2013/2014
1681	Electrical installations - EEPB 413 - Semester 1, 2012/2013
1682	Mechanics I : Statics - CECB 113 - Semester 2, 2013/2014
1683	Electrical power system II - EEPB 383 - Semester 1, 2011/2012
1684	Radio frequency and microwave engineering - EECB 493 - Semester 3, 2011/2012
1685	Dam engineering - CEWB 123 - Semester 1, 2016/2017
1686	Mechanics I : statics - CECB 113 - Semester 3, 2011/2012
1687	Heat transfer - MEHB 323 - Semester 1, 2011/2012
1688	Random process - EEEB 384 - Semester 1, 2012/2013
1689	Introduction to environmental engineering - CEEB 223 - Semester 1, 2011/2012
1690	Electrical power system II - EEPB 383 - Semester 1, 2012/2013
1691	Signals nas systems - EEEB 233 - Semester 1, 2011/2012
1692	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 3, 2011/2012
1693	Circuit analysis I - EEEB 113 - Semester 3, 2011/2012
1694	Combustion engineering - MEHB 333 - Semester 1, 2011/2012
1695	Engineering economics - COEB 442 - Semester 3, 2011/2012
1696	Circuit analysis II - EEEB 123 - Semester 1, 2011/2012
1697	Optoelectronics and fiber optics - EECB 483 - Semester 2, 2011/2012
1698	Electrical installations - EEPB 413 - Semester 2, 2011/2012
1699	Power distribution engineering - EPEB 453 - Semester 1, 2012/2013
1700	Statistics for engineers - MATB 133 - Semester 1, 2011/2012
1701	Communication systems - EECB 353 - Semester 1, 2011/2012
1702	VLSI design - EESB 423 - Semester 1, 2011/2012
1703	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 1, 2011/2012
1704	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2011/2012
1705	Linear algebra - MATB 253 - Semester 1, 2012/2013

1706	Power generation - MEHB 403 - Semester 1, 2011/2012
1707	Circuit analysis I - EEEB 113 - Semester 1, 2011/2012
1708	Local area network (LAN) design and analysis - EECM 533 - Semester 1, 2012/2013
1709	Power quality - EPEB 413 - Semester 1, 2012/2013
1710	Internal combustion engine - MEHB 493 - Semester 1, 2011/2012
1711	Applied statistics - MATB 344 - Semester 1, 2011/2012
1712	Digital signal processing - EEEB 363 - Semester 1, 2012/2013
1713	VLSI design - EESB 423 - Semester 2, 2011/2012
1714	Machine design - MEMB 333 - Semester 1, 2011/2012
1715	Electrical power system I - EEPB 353 - Semester1, 2012/2013
1716	Water resources engineering - CEWB 423 - Semester 2, 2011/2012
1717	Semiconductor devices - EESB 313 - Semester 1, 2011/2012
1718	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2011/2012
1719	Control system II - EEEB 423 - Semester 1, 2012/2013
1720	Thermodynamics I - MEHB 213 - Semester 2, 2011/2012
1721	Hydraulic engineering - CEWB 222 - Semester 3, 2011/2012
1722	Power system communications - EPEB 433 - Semester 1, 2012/2013
1723	Power system protection - EEPB 473 - Semester 1, 2012/2013
1724	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 1, 2012/2013
1725	Engineering diagnostic tools - EEEM 513 - Semester 1, 2012/2013
1726	Power genaration - MEHB 403 - Semester 2, 2011/2012
1727	Mechanics II : dynamics - MEMB 233 - Semester 2, 2011/2012
1728	Numerical methods for engineers - COEB 223 - Semester 1, 2016/2017
1729	Principles of management - COEB 432 - Semester 2, 2011/2012
1730	Linear algebra - MATB 253 - Semester 3, 2011/2012
1731	Structural analysis II - CESB 353 - Semester 1, 2011/2012
1732	Calculus and analytic geometry II - MATF 144 - Trimester 2, 2011/2012
1733	Energy conversions - EPEB 443 - Semester 2, 2011/2012
1734	Numerical methods for engineers - COEB 223/MATB 324 - Semester 2, 2011/2012
1735	Differential equations - MATB 143 - Semester 3, 2011/2012
1736	Project management and construction N - CEPB 323 - Semester 1, 2014/2015
1737	Electronics analysis & design I - EEEB 143 - Semester 1, 2014/2015
1738	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 2, 2011/2012
1739	Structural steel design I - CESB 333 - Semester 1, 2011/2012
1740	Mechanics of materials - MEMB 243 - Semester 1, 2011/2012
1741	Structural analysis II - CESB 353 - Semester 3, 2011/2012
1742	Civil engineering materials - CEMB 113 - Semester 1, 2014/2015
1743	Electromagnetic fields and waves - EEEB 253 - Semester 1, 2014/2015
1744	Electrical machines and drives - EEEB 283 - Semester 1, 2014/2015
1745	Mechanics of materials - CEMB 124 - Semester 1, 2014/2015
1746	Thermodynamics I - MEHB 213 - Semester 1, 2011/2012
1747	Power generation - MEHB 403 - Semester 2, 2011/2012
1748	Solid waste management - CEEB 433 - Semester 1, 2014/2015
1749	Thermodynamics II/advanced thermo- fluids - MEHB 312/MEHB 354 - Semester 2,2011/2012
1750	Digital signal processing - EEEB 363 - Semester 1, 2014/2015
1751	Soil mechanics - CEGB 323 - Semester 2, 2011/2012
1752	Microprocessor systems - EEEB 373 - Semester 1, 2011/2012

1753	Thermodynamics II/advanced thermo-fluids - MEHB 312/MEHB 354 - Semester 2, 2011/2012
1754	Control systems - EEEB 323/EEEB 324 - Semester 1, 2011/2012
1755	Power system communications - EPEB 433 - Semester 3, 2011/2012
1756	Soil mechanics - CEGB 233 - Semester 1, 2014/2015
1757	Internal combustion engine - MEHB 493 - Semester 2, 2011/2012
1758	Engineering geology - CEGB 112 - Semester 1, 2014/2015
1759	Digital signal processing - EEEB 363 - Semester 2, 20111/2012
1760	Digital logic design - EEEB 163 - Semester 1, 2014/2015
1761	Heat transfer - MEHB 323 - Semester 3, 2011/2012
1762	Microprocessor systems - EEEB 373 - Semester 1, 2014/2015
1763	Circuit analysis II - EEEB 123 - Semester 1, 2014/2015
1764	Automation & robotics - MESB 403 - Semester 2, 2011/2012
1765	Engineering measurement and laboratory - MESB 333 - Semester 2, 2011/2012
1766	Principles of management - COEB 432 - Semester 3, 2011/2012
1767	Signals and systems - EEEB 233 - Semester 1, 2014/2015
1768	Power system protection - EEPB 473 - Semester 1, 2011/2012
1769	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 2, 2011/2012
1770	Linear algebra - MATB 253 - Semester 2, 2011/2012
1771	Engineering economics - COEB 442 - Semester 2, 2011/2012
1772	Data communication and network - EECB 423 - Semester 2, 2011/2012
1773	Engineering economics - COEB 442 - Semester 1, 2011/2012
1774	Data communication and network - EECB 423 - Semester 1, 2011/2012
1775	Control systems - EEEB 323/EEEB 324 - Semester 1, 2014/2015
1776	Opto electronics & fiber optics - EECB 483 - Semester 3, 2011/2012
1777	VLSI design - EESB 423 - Semester 3, 2011/2012
1778	Mechanics I : statics - CECB 113 - Semester 2, 2011/2012
1779	Power system communications - EPEB 433 - Semester 2, 2011/2012
1780	Engineering materials - METB 113 - Semester 2, 2011/2012
1781	Structural analysis I - CESB 223 - Semester 1, 2011/2012
1782	Mechanics of fluids I - MEHB 223 - Semester 2, 2011/2012
1783	Random process - EEEB 383 - Semester 1, 2011/2012
1784	Control systems II - EEEB 423 - Semester 2, 2011/2012
1785	Circuit analysis I - EEEB 113 - Semester 1, 2014/2016
1786	Finite element method - MEMB 423 - Semester 2, 2011/2013
1787	Introduction to sustainability engineering - MEHB 523 - Semester 2, 2011/2013
1788	Mechanics of fluids II - MEHB 332 - Semester 2, 2011/2013
1789	Mechanics of materials - MEMB 243 - Semester 2, 2011/2012
1790	power electronics - EEEB 393 - Semester 2, 2011/2012
1791	Principles of management - COEB 432 - Semester 1, 2011/2012
1792	Semiconductor devices - EESB 313 - Semester 2, 2013/2014
1793	Process control & instrumentation - EEIB 413 - Semester 2, 2011/2012
1794	Heating, ventilating and air-conditioning - MEHB 413 - Semester 2, 2011/2012
1795	Foundation engineering I - CEGB 423 - Semester 1, 2011/2012
1796	Control system II - EEEB 423 - Semester 1, 2011/2012
1797	Engineers and society - COEB 422/423 - Semester 2, 2011/2012
1798	Linear algebra - MATB 253 - Semester 1, 2011/2012
1799	Power distribution engineering - EPEB 453 - Semester 2, 2011/2012
1800	Computer architecture - ECEB 483 - Semester 1, 2011/2012
1801	Statistics for engineers - MATB 133 - Semester 3, 2011/2012

1802	Reinforced concrete design II - CESB 423 - Semester 3, 2011/2012
1803	Signals and systems - EEEB 233 - Semester 2, 2011/2012
1804	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 3, 2011/2012
1805	Manufacturing processes - MEFB 213 - Semester 1, 2011/2012
1806	High voltage technology - EEPB 463 - Semester 1, 2011/2012
1807	Geotechnical engineering - CEGB 333 - Semester 3, 2011/2012
1808	Numerical methods for eingineers - COEB 223 - Semester 1, 2011/2012
1809	Reinforced concrete design II - CESB 423 - Semester 2, 2010/2011
1810	Digital signal processing - EEEB 363 - Semester 1, 2011/2012
1811	Manufacturing processes - MEFB 213 - Semester 2, 2011/2012
1812	Geotechnical engineering - CEGB 333 - Semester 2, 2011/2012
1813	Mechanical vibrations - MEMB 443 - Semester 2, 2011/2012
1814	Mechanics of fluids II - MEHB 332 - Semester 1, 2011/2012
1815	Mechanics of materials - CEMB 124 - Semester 1, 2011/2012
1816	Mechanics of fluids I - MEHB 223 - Semester 1, 2011/2012
1817	Control systems - EEEB 323/EEEB 324 - Semester 2, 2011/2012
1818	Applied telecommunication systems - EECB 433 - Semester 2, 2011/2012
1819	Thermodynamics II/advanced thermo- fluids - MEHB 312/MEHB 354 - Semester 1, 2011/2012
1820	Electronic analysis and design II - EEEB 273 - Semester 1, 2011/2012
1821	Heat transfer - MEHB 323/474 - Semester 2, 2011/2012
1822	Engineering Measurement and Laboratory - MESB 333 - Semester 1, 2011/2012
1823	Electrical power system II - EEPB 383 - Semester 2, 2011/2012
1824	Communication systems - EECB 353 - Semester 2, 2011/2012
1825	Electrical safety & hazards - EEPB 423 - Semester 1, 2011/2012
1826	Soil mechanics - CEGB 233 - Semester 3, 2011/2012
1827	Engineering geology - CEGB 212 - Semester 3, 2011/2012
1828	Manufacturing processes - MEFB 213 - Semester 3, 2011/2012
1829	Engineers in society - COEB 422 - Semester 1, 2016/2017
1830	Structural analysis 1 - CESB 223 - Semester 3, 2011/2012
1831	Surveying for engineers - CEVB 213 - Semester 3, 2011/2012
1832	Circuit analysis I - EEEB 113 - Semester 2, 2011/2012
1833	Process control & instrumentation - EEIB 413 - Semester 1, 2012/2013
1834	Random process - EEEB 383 - Semester 2, 2011/2012
1835	Power electronics - EEEB 393 - Semester 1, 2014/2015
1836	Electrical power systems I - EEPB 353 - Semester 1, 2014/2015
1837	Control systems - EEEB 323/EEEB 324 - Semester 3, 2011/2012
1838	Theory of machines - MEMB 263 - Semester 2, 2011/2012
1839	Mechanics II : dynamics - MEMB 233 - Semester 3, 2011/2012
1840	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2011/2012
1841	Circuit analysis II - EEEB 123 - Semester 2, 2011/2012
1842	Numerical methods for engineers - COEB 223/MATB 324 - Semester 3, 2011/2012
1843	Advance microprocessor - ECEB 473 - Semester 3, 2011/2012
1844	Statistic for engineers - MATB 133 - Semester 2, 2011/2012
1845	Opto electronics & fiber optics - EECB 483 - Semester 2, 2011/2012
1846	Water and wastewater engineering - CEEB 313 - Semester 2, 2011/2012
1847	Electrical power system II - EEPB 383 - Semester 3, 2011/2012
1848	Engineers in society - COEB 422/COEB 423 - Semester 3, 2011/2012
1849	Power system communications - EPEB 433 - Semester 1, 2014/2015
1850	Introduction to environmental engineering - CEEB 223 - Semester 3, 2011/2012

1851	Water resources engineering - CEWB 423 - Semester 3, 2011/2012
1852	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2014/2015
1853	Water and wastewater engineering - Semester 3, 2011/2012
1854	Communication systems - EECB 353 - Semester 3, 2011/2012
1855	Chemistry II - CHEF 124 - Trimester 2, 2011/2012
1856	Water and wastewater engineering - CEEB 313 - Semester 1, 2014/2015
1857	Computer architecture - ECEB 483 - Semester 1, 2014/2015
1858	Signals and systems - EEEB 233 - Semester 3, 2011/2012
1859	Power system protection - EEPB 473 - Semester 1, 2014/2015
1860	Mechanics of fluids I - MEHB 223 - Semester 3, 2011/2012
1861	Manufacturing processes - MEFB 213 - Semester 2, 2011/2012
1862	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 3, 2011/2012
1863	Reinforced concrete design I - CESB 343 - Semester 3, 2011/2012
1864	Mechanics of fluids - CEWB 123 - Semester 3, 2011/2012
1865	Process control & instrumentation - EEIB 413 - Semester 1, 2014/2015
1866	Nuclear electronics - EEIB 423 - Semester 3, 2011/2012
1867	Image processing - EEEB 473 - Semester 1, 2014/2015
1868	Structural analysis II - CESB 353 - Semester 2/ 2011/2012
1869	Control and drives - EEEB 443 - Semester 1, 2014/2015
1870	Communication systems - EECB 353 - Semester 1, 2014/2015
1871	Data communication and network - EECB 423 - Semester 1, 2014/2015
1872	Mechanics of materials - CEMB 124 - Semester 2, 2011/2012
1873	Thermodynamics I - MEHB 213 - Semester 3, 2011/2012
1874	Theory of machines - MEMB 263 - Semester 3, 2011/2012
1875	Control system II - EEEB 423 - Semester 3, 2011/2012
1876	Mechanical vibration - MEMB 443 - Semester 3, 2011/2012
1877	Project management and construction - CEPB 323 - Semester 1, 2012/2013
1878	Repair, assessment & rehabilitation - CESB 483 - Semester 3, 2011/2012
1879	Electrical machines and drives - EEEB 283 - Semester 3, 2011/2012
1880	Highway design and traffic engineering - CETB 423 - Semester 3, 2011/2012
1881	Electrical power system analysis II - EEPB 383 - Semester 1, 2014/2015
1882	High voltage technology - EEPB 463 - Semester 1, 2014/2015
1883	Steel design - CESB 333 - Semester 3, 2011/2012
1884	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2014/2015
1885	Machine design - MEMB 333 - Semester 3, 2011/2012
1886	Mechanics of fluids - CEWB 123 - Semester 2, 2011/2012
1887	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2014/2015
1888	Random process - EEEB 383 - Semester 1, 2014/2015
1889	Numerical methods for civil engineers - CECB 423 - Semester 1, 2012/2013
1890	Mechanics of fluids II - MEHB 332 - Semester 3, 2011/2012
1891	Mechanics of materials - CEMB 124 - Semester 1, 2012/2013
1892	Power quality - EPEB 413 - Semester 3, 2011/2012
1893	Thermodynamics II/advanced thermo- fluids - MEHB 312/MEHB 354 - Semester 3, 2011/2012
1894	Mechanics of fluids - CEWB 123 - Semester 1, 2012/2013
1895	Electromagnetic fields & waves - EEEB 253 - Semester 2, 2011/2012
1896	Mechanics I : statics - CECB 113 - Semester 1, 2012/2013
1897	Computer architecture - ECEB 483 - Semester 3, 2011/2012
1898	Mechanics II : dynamics - CECB 122 - Semester 1, 2012/2013
1899	Introduction to environmental engineering - CEEB 223 - Semester 1, 2012/2013

1900	Digital logic design - EEEB 163 - Semester 3, 2011/2012
1901	Engineering measurement and laboratory - MESB 333 - Semester 3, 2011/2012
1902	Highway and transportation engineering - CETB 414 - Semester 1, 2012/2013
1903	Mechanics of materials - CEMB 124 - Semester 3, 2011/2012
1904	Modeling and analysis of dynamic systems - MESB 313 - Semester 3, 2011/2012
1905	Random process - EEEB 383 - Semester 3, 2011/2012
1906	Circuit analysis II - EEEB 123 - Semester 3, 2011/2012
1907	High voltage technology - EEPB 463 - Semester 2, 2011/2012
1908	Foundation engineering I - CEGB 423 - Semester 3, 2011/2012
1909	Electronic analysis and design II - EEEB 273 - Semester 3, 2011/2012
1910	Power generation - MEHB 403 - Semester 3, 2011/2012
1911	Mechanics II : dynamics - CECB 122 - Semester 3, 2011/2012
1912	Highway design and traffic engineering - CETB 423 - Semester 2, 2011/2013
1913	Engiineering materials - METB 113 - Semester 3, 2011/2012
1914	Highway and transportation engineering - CETB 414 - Semester 3, 2011/2012
1915	Structural analysis I - CESB 223 - Semester 2, 2011/2012
1916	Process control & instrumentation - EEIB 413 - Semester 3, 2011/2012
1917	Introduction to environmental engineering - CEEB 223 - Semester 2, 2011/2012
1918	Microprocessor systems - EEEB 373 - Semester 3, 2011/2012
1919	Dynamic systems modeling and analysis - MESM 313 - Semester 2, 2011/2012
1920	Electro-mechanical systems/electromechanical devices - MESB 443/EEEB 344 - Semester 2, 2011/2012
1921	Machine design - MEMB 333 - Semester 2, 2011/2012
1922	Civil engineering materials - CEMB 113 - Semester 3, 2011/2012
1923	Electronics analysis & design I - EEEB 143 - Semester 3, 2011/2012
1924	Image processing - EEEB 473 - Semester 3, 2011/2012
1925	Advanced calculus and analytical geometry - MATB 113 - Semester 3, 2011/2012
1926	Reinforced concrete design I - CESB 343 - Semester 1, 2012/2013
1927	Water resources engineering - CEWB 423 - Semester 1, 2012/2013
1928	Principles of management - COEB 432 - Semester 1, 2016/2017
1929	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2012/2013
1930	Microprocessor systems - EEEB 373 - Semester 2, 2011/2012
1931	Steel design - CESB 333 - Semester 2, 2012/2013
1932	Electrical power system I - EEPB 353 - Semester 2, 2012/2013
1933	Introduction to environmental Engineering - CEEB 223 - Semester 2, 2012/2013
1934	High voltage technology - EEPB 463 - Semester 2, 2012/2013
1935	Numerical methods for civil engineers - CECB 423 - Semester 2, 2012/2013
1936	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2012/2013
1937	Power system communications - EPEB 433 - Semester 2, 2012/2013
1938	Reinforced concrete design II - CESB 423 - Semester 1, 2012/2013
1939	Semiconductor devices - EESB 313 - Semester 2, 2012/2013
1940	Water and wastewater engineering - CEEB 313 - Semester 1, 2012/2013
1941	Thermal systems design and optimization - MEHM 513 - Semester 1, 2012/2013
1942	Hydrology & hydraulic engineering I - Semester 3, 2011/2012
1943	Heat transper - MEHB 323 - Semester 1, 2012/2013
1944	Principles of management - COEB 432 - Semester 2, 2012/2013
1945	Applied telecommunication systems - EECB 433 - Semester 1, 2012/2013
1946	Civil Engineering Materials - CEMB 113 - Semester 2, 2011/2012
1947	Semiconductor devices - EESB 313 - Semester 1, 2014/2015
1948	Power distribution engineering - EPEB 453 - Semester 3, 2011/2012

1949	Applied telecommunication systems - EECB 433 - Semester 2, 2012/2013
1950	Engineers in society - COEB 422 - Semester 1, 2012/2013
1951	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2012/2013
1952	Tribology - METM 553 - Semester 1, 2012/2013
1953	Automation & robotics - MESB 403 - Semester 1, 2012/2013
1954	Computer architecture - ECEB 483 - Semester 2, 2011/2012
1955	Modeling and analysis of dynamic systems/modeling and control of dynamic systems - MESB 313/MESB 323 - Semester 1, 2014/2015
1956	Electronics analysis & design I - EEEB 143 - Semester 2, 2011/2012
1957	Highway and transportation engineering - CETB 414 - Semester 2, 2011/2012
1958	Control system II - EEEB 423 - Semester 1, 2014/2015
1959	Analog IC - EESB 433 - Semester 2, 2012/2013
1960	Elements of mechatronic - MESB 413 - Semester 3, 2011/2012
1961	Object oriented programming for engineers - ESEM 573 - Semester 1, 2012/2013
1962	Power distribution engineering - EPEB 453 - Semester 1, 2014/2015
1963	Soil mechanics - CEGB 233 - Semester 1, 2012/2013
1964	Applied telecommunication systems - EECB 433 - Semester 1, 2014/2015
1965	Power electronics - EEEB 393 - Semester 3, 2011/2012
1966	VLSI design - EESB 423 - Semester 1, 2014/2015
1967	Engineering materials - METB 113 - Semester 1, 2012/2013
1968	Mechanics II : Dynamics - CECB 122 - Semester 1, 2014/2015
1969	Numerical methods for civil engineers - CECB 423 - Semester 2, 2011/2012
1970	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 1, 2014/2015
1971	Mechanics II : Dynamics - MEMB 233 - Semester 1, 2012/2013
1972	Introduction to environmental engineering - CEEB 223 - Semester 1, 2014/2015
1973	Electrical power system analysis II - EEPB 383 - Semester 2, 2012/2013
1974	Computational fluid dynamics - MEHB 463 - Semester 1, 2012/2013
1975	Soil mechanics - CEGB 323 - Semester 1, 2012/2013
1976	Structural analysis I - CESB 223 - Semester 1, 2014/2015
1977	Artificial intelligence and neiral-fuzzy systems - ECEB 463 - Semester 1, 2012/2013
1978	Data communication and network - EECB 423 - Semester 3, 2011/2012
1979	Mechanics I : statics - CECB 113 - Semester 1, 2014/2015
1980	Control systems - EEEB 323/EEEB 324 - Semester 2, 2012/2013
1981	Engineering measurements & laboratory - MESB 333 - Semester 1, 2012/2013
1982	Introduction to sustainability engineering - MEHB 523 - Semester 1, 2012/2013
1983	Steel design - CESB 333 - Semester 1, 2012/2013
1984	Numerical methods for civil engineers - CECB 423 - Semester 1, 2014/2015
1985	Mechanics of materials - MEMB 243/MEMB 314 - Semester 3, 2011/2012
1986	Introduction to sustainability engineering - MEHB 523 - Semester 2, 2012/2013
1987	Struction Analysis I - CESB 223 - Semester 2, 2012/2013
1988	Circuit analysis II - EEEB 123 - Semester 1, 2012/2013
1989	Power quality - EPEB 413 - Semester 1, 2014/2015
1990	Digital signal processing - EEEB 363 - Semester 3, 2011/2012
1991	Computer-aided manufacturing - MEFB 473 - Semester 1, 2012/2013
1992	Energy conversions - EPEB 443 - Semester 2, 2012/2013
1993	Electronics analysis and design II - EEEB 273 - Semester 1, 2014/2015
1994	Structural analysis I - CESB 223 - Semester 1, 2012/2013
1995	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2012/2013
1996	Electronic circuits analysis - ECCB 123 - Semester 2, 2012/2013

1997	Engineering economics - COEB 442 - Semester 1, 2012/2013
1998	Power quality - EPEB 413 - Semester 2, 2012/2013
1999	Geotechnical engineering - CEGB 333 - Semester 2, 2012/2013
2000	Theory of machines - MEMB 263 - Semester 1, 2012/2013
2001	Embedded system - EESB 493 - Semester 1, 2014/2015
2002	Engineering economics - COEB 442 - Semester 2, 2012/2013
2003	Structural analysis II - CESB 353 - Semester 1, 2012/2013
2004	Machine design - MEMB 333 - Semester 1, 2012/2013
2005	Electro-mechanical systems - MESB 443 - Semester 1, 2012/2013
2006	Mechanics of materials - CEMB 124 - Semester 2/ 2012/2013
2007	Project management and construction - CEPB 323 - Semester 2, 2012/2013
2008	Foundation engineering I - CEGB 423 - Semester 2, 2012/2013
2009	Geology/engineering geology - CEGB 212/CEGB 112 - Semester 2, 2012/2013
2010	Radio frequency and microwave engineering - EECB 493 - Semester 2, 2012/2013
2011	Data communication and network - EECB 423 - Semester 2, 2012/2013
2012	Highway and transportation engineering - CETB 414 - Semester 2, 2012/2013
2013	Circuit analysis I - EEEB 113 - Semester 1, 2012/2013
2014	Soil mechanics - CEGB 233 - Semester 2, 2012/2013
2015	Thermodynamics II/advanced thermo-fluids - MEHB 312/MEHB 354 - Semester 1, 2012/2013
2016	Reinforced concrete design I - CESB 343 - Semester 1, 2014/2015
2017	Mechanical vibrations - MEMB 443 - Semester 1, 2012/2013
2018	Structural steel design I - CESB 333 - Semester 1, 2014/2015
2019	Civil engineering materials - CEMB 113 - Semester 2, 2012/2013
2020	Soil mechanics - CEGB 323 - Semester 2, 2012/2013
2021	Mechanics II : dynamics - CECB 122 - Semester 2, 2012/2013
2022	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2012/2013
2023	Water and wastewater engineering - CEEB 313 - Semester 2, 2012/2013
2024	Mechanics I : statics - CECB 113 - Semester 2, 2012/2013
2025	Communication systems - EECB 353 - Semester 2, 2012/2013
2026	Electrical safety and hazards - EEPB 423 - Semester 2, 2012/2013
2027	Process control & instrumentation - EEIB 413 - Semester 2, 2012/2013
2028	Numerical Method For Engineers - COEB 223 - Semester 2, 2012/2013
2029	VLSI design - EESB 423 - Semester 2, 2012/2013
2030	Embedded system - EESB 493 - Semester 2, 2012/2013
2031	Soil mechanics - CEGB 233 - Semester 1, 2013/2014
2032	Mechanics of fluids I - MEHB 223 - Semester 2, 2012/2013
2033	Engineering economics - COEB 442 - Semester 1, 2016/2017
2034	Electronic analysis and design II - EEEB 273 - Semester 2, 2012/2013
2035	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 1, 2013/2014
2036	Computational fluid dynamics - MEHB 463 - Semester 2, 2012/2013
2037	Artificial intelligence & neural-fuzzy systems - ECEB 463 - Semester 1, 2013/2014
2038	Electronic circuits analysis - ECCB 123 - Semester 1, 2013/2014
2039	Power electronics - EEEB 393 - Semester 2, 2012/2013
2040	Manufacturing processes - MEFB 213 - Semester 2, 2012/2013
2041	Reinforced concrete design II - CESB 423 - Semester 1, 2014/2015
2042	Reinforced concrete design I - CESB 343 - Semester 2, 2012/2013
2043	High voltage technology - EEPB 463 - Semester 1, 2013/2014
2044	Hydrology & hydraulic engineering I - CEWB 223 - Semester 2, 2012/2013

2045	Highway and transportation engineering - CETB 414 - Semester 1, 2014/2015
2046	Digital signal processing - EEEB 363 - Semester 2, 2012/2013
2047	Computer-aided manufacturing - MEFB 473 - Semester 2, 2012/2013
2048	High voltage direct current (HVDC) & FACTS devices - EEPB 493 - Semester 1, 2013/2014
2049	Mechanics of materials - MEMB 243 - Semester 2, 2012/2013
2050	Circuit analysis I - EEEB 113 - Semester 2, 2012/2013
2051	Circuit analysis II - EEEB 123 - Semester 2, 2012/2013
2052	Communication systems - EECB 353 - Semester 1, 2013/2014
2053	Electro-mechanical systems - MESB 443 - Semester 2, 2012/2013
2054	Structural analysis II - CESB 353 - Semester 2, 2012/2013
2055	Physics II for computer science - PHYF 134 - Trimester 1, 2013/2014
2056	Thermodynamics I - MEHB 213 - Semester 2, 2012/2013
2057	Transportation engineering - CETB 412 - Semester 1, 2014/2015
2058	Digital logic design - EEEB 163 - Semester 2, 2012/2013
2059	Electrical power system 1 - EEPB 353 - Semester 1, 2013/2014
2060	Structural analysis I - CESB 223 - Semester 1, 2013/2014
2061	Structural analysis II - CESB 353 - Semester 1, 2013/2014
2062	Electrical machines and drives - EEEB 283 - Semester 2, 2012/2013
2063	Heating, ventilating and air-conditioning - MEHB 413 - Semester 2, 2012/2013
2064	Mechanics of fluids - CEWB 123 - Semester 2, 2012/2013
2065	Hydraulic engineering - CEWB 222 - Semester 2, 2012/2013
2066	Mechanics I : statics - CECB 113 - Semester 1, 2013/2014
2067	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2014/2015
2068	Machine design - MEMB 333 - Semester 2, 2012/2013
2069	Object oriented programming - ECCB 213 - Semester 1, 2013/2014
2070	Numerical methods for engineers - COEB 223/MATB 324 - Semester 1, 2013/2014
2071	Engineering materials - METB 113 - Semester 2, 2012/2013
2072	Highway engineering - CETB 322 - Semester I, 2014/2015
2073	Control and drives - EEEB 443 - Semester 1, 2013/2014
2074	Mechanics of fluids II - MEHB 332 - Semester 2, 2012/2013
2075	Reinforced concrete design II - CESB 423 - Semester 2, 2012/2013
2076	Differential equations - MATB 143 - Semester 1, 2013/2014
2077	Optoelectronics & fiber optic - EECB 483 - Semester 1, 2013/2014
2078	Control and drives - EEEB 443 - Semester 2, 2012/2013
2079	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2016/2017
2080	Electromagnetic fields and waves/electromagnetics - EEEB 253 - Semester 2, 2012/2013
2081	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2013/2014
2082	Linear algebra - MATB 253 - Semester 1, 2013/2014
2083	Mechanical vibrations - MEMB 443 - Semester 2, 2012/2013
2084	Surveying for engineers - CEVB 213 - Semester 2, 2012/2013
2085	Steel design - CESB 333 - Semester 1, 2013/2014
2086	Process control & instrumentation - EEIB 413 - Semester 1, 2013/2014
2087	Internal combustion engine - MEHB 493 - Semester 2, 2012/2013
2088	Electronics analysis & design I - EEEB 143 - Semester 2, 2012/2013
2089	Surveying for engineers - CEVB 213 - Semester 1, 2014/2015
2090	Statistics for civil engineers - MATB 133 - Semester 1, 2016/2017
2091	Statistics for engineers - MATB 133 - Semester 1, 2013/2014
2092	Random process - EEEB 383 - Semester 2, 2012/2013

2093	Mechanics of fluids - CEWB 123 - Semester 1, 2014/2015
2094	Highway design and traffic engineering - CETB 423 - Semester 2, 2012/2013
2095	Principles of management - COEB 432 - Semester 1, 2013/2014
2096	Introduction to robotics - EEEB 493 - Semester 2, 2012/2013
2097	Heat transfer - MEHB 323 - Semester 2, 2012/2013
2098	Hydraulics engineering - CEWB 222 - Semester 1, 2014/2015
2099	Foundation engineering I - CEGB 423 - Semester 1, 2013/2014
2100	Mechanics II : Dynamics - CECB 122 - Semester 1, 2013/2014
2101	Engineering measurement and laboratory - MESB 333 - Semester 2, 2012/2013
2102	Hydrology engineering - CEWB 322 - Semester 1, 2016/2017
2103	Control system II - EEEB 423 - Semester 2, 2012/2013
2104	Hydrology engineering - CEWB 322 - Semester 2, 2012/2013
2105	Mechanics II : dynamics - MEMB 233 - Semester 2, 2012/2013
2106	Mechanics of materials - CEMB 124 - Semester 1, 2013/2014
2107	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 2, 2012/2013
2108	Engineering geology - CEGB 112 - Semester 1, 2016/2017
2109	Soil mechanics - CEGB 233 - Semester 1, 2016/2017
2110	Power generation - MEHB 403 - Semester 2, 2012/2013
2111	Theory of mechines - MEMB 263 - Semester 2, 2012/2013
2112	Computer controlled systems - EEEB 513 - Semester 1, 2013/2014
2113	Introduction to nuclear engineering - MENB 403 - Semester 1, 2016/2017
2114	Image processing - EEEB 473 - Semester 2, 2012/2013
2115	Highway engineering - CETB 322 - Semester I, 2013/2014
2116	Thermodynamics II/advanced thermo-fluids - MEHB 312/MEHB 354 - Semester 2, 2012/2013
2117	Structural analysis II - CESB 353 - Semester 1, 2014/2015
2118	Engineering geology - CEGB 112 - Semester 1, 2013/2014
2119	Packet network and broadband technologies - EECM 563 - Semester 2, 2012/2013
2120	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2013/2014
2121	Reinforced concrete design II - CESB 423 - Semester 1, 2013/2014
2122	Reinforced concrete design I - CESB 343 - Semester 1, 2013/2014
2123	Civil engineering materials - CEMB 113 - Semester 1, 2013/2014
2124	Elements of mechatronic - MESB 413 - Semester 2, 2012/2013
2125	Engineering economics - COEB 442 - Semester 1, 2013/2014
2126	Circuit theory - ECCB 114 - Semester 1, 2013/2014
2127	Soil mechanics - CEGB 323 - Semester 1, 2013/2014
2128	Engineers in society - COEB 422 - Semester 1, 2013/2014
2129	Power system protection - EEPB 473 - Semester 1, 2013/2014
2130	Applied telecommunication systems - EECB 433 - Semester 1, 2013/2014
2131	Engineering diagnostic tools - EEEM 513 - Semester 2, 2012/2013
2132	Transportation engineering - CETB 412 - Semester 1, 2013/2014
2133	Water resources engineering - CEWB 423 - Semester 1, 2014/2015
2134	Electronic analysis and design II - EEEB 273 - Semester 1, 2013/2014
2135	Internal combustion engine - MEHB 493 - Semester 2, 2013/2014
2136	Thermodynamics I - MEHB 213 - Semester 1, 2013/2014
2137	Failure analysis & design - MEMB 463 - Semester 1, 2013/2014
2138	Numerical methods for civil engineers - CECB 423 - Semester 1, 2013/2014
2139	Computational fluid dynamics - MEHB 463 - Semester 2, 2013/2014
2140	Hydrology engineering - CEWB 322 - Semester 1, 2013/2014
2141	Power electronics - EEEB 393 - Semester 1, 2013/2014

2142	High voltage technology - EEPB 463 - Semester 2, 2013/2014
2143	Introduction to environmental engineering - CEEB 223 - Semester 1, 2013/2014
2144	Signals and systems - EEEB 233 - Semester 1, 2013/2014
2145	Highway and transportation engineering - CETB 414 - Semester 1, 2013/2014
2146	Semiconductor devices - EESB 313 - Semester 1, 2013/2014
2147	Internal combustion engine - MEHB 493 - Semester 1, 2013/2014
2148	Mechanical vibrations - MEMB 343/MEMB 443 - Semester 1, 2013/2014
2149	Circuit analysis II - EEEB 123 - Semester 1, 2013/2014
2150	Control systems - EEEB 323/EEEB 324 - Semester 1, 2013/2014
2151	Manufacturing processes - MEFB 213 - Semester 1, 2013/2014
2152	Mechanics of fluids II - MEHB 332 - Semester 1, 2013/2014
2153	Digital systems design - ECCB 233 - Semester 1, 2013/2014
2154	Energy conversions - EPEB 443 - Semester 1, 2013/2015
2155	Power distribution engineering - EPEB 453 - Semester 1, 2013/2015
2156	Power system communications - EPEB 433 - Semester 1, 2013/2015
2157	Hydrology engineering - CEWB 322 - Semester 1, 2014/2015
2158	Engineering measurement and laboratory - MESB 333 - Semester 1, 2013/2014
2159	Circuit analysis II - EEEB 123 - Semester 2, 2013/2014
2160	Surveying for engineers - CEVB 213 - Semester 1, 2013/2014
2161	Mechanics II : dynamics - MEMB 233 - Semester 1, 2013/2014
2162	Electrical machines and drives - EEEB 283 - Semester 1, 2013/2014
2163	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2013/2014
2164	Water resources engineering - CEWB 423 - Semester 1, 2013/2014
2165	Theory of mechanics - MEMB 263 - Semester 1, 2013/2014
2166	Circuit analysis I - EEEB 113 - Semester 1, 2013/2014
2167	Mechanics of fluids I - MEHB 223 - Semester 1, 2013/2014
2168	Electrical power system analysis II - EEPB 383 - Semester 1, 2013/2014
2169	Electro-mechanical systems - MESB 443 - Semester 1, 2013/2014
2170	Electromagnetic fields and waves/electromagnetics - EEEB 253 - Semester 1, 2013/2014
2171	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2013/2014
2172	Introduction to Nuclear Technology - MEHB 513 - Semester I, 2013/2014
2173	Mechanics of fluids - CEWB 123 - Semester 1, 2013/2014
2174	Automation & robotics - MESB 403 - Semester 1, 2013/2014
2175	Foundation engineering I - CEGB 423 - Semester 1, 2016/2017
2176	Water and wastewater engineering - CEEB 313 - Semester 1, 2013/2014
2177	VLSI design - EESB 423 - Semester 2, 2013/2014
2178	Machine design - MEMB 333 - Semester 1, 2013/2014
2179	Dam engineering - CEWB 493 - Semester I, 2013/2014
2180	Foundations engineering II - CEGB 433 - Semester 1, 2016/2017
2181	Differential equations - MATB 143 - Semester 1, 2016/2017
2182	Process control & instrumentation - EEIB 413 - Semester 2, 2013/2014
2183	Microprocessor systems - EEEB 373 - Semester 1, 2013/2014
2184	Hydraulic engineering - CEWB 222 - Semester 1, 2013/2014
2185	Civil engineering materials - CEMB 113 - Semester 1, 2016/2017
2186	Surveying for engineers - CEVB 213 - Semester 1, 2016/2017
2187	Digital logic design - EEEB 163 - Semester 1, 2013/2014
2188	Modeling and analysis of dynamic systems/modeling and control of dynamic systems - MESB 313/MESB 323 - Semester 1, 2013/2014
2189	Highway design and traffic engineering - CETB 423 - Semester 1, 2016/2017

2190	Engineering materials - METB 113 - Semester 1, 2013/2014
2191	Introduction to sustainability engineering - MEHB 523 - Semester 1, 2013/2014
2192	Mechanics of materials - CEMB 124 - Semester 1, 2016/2017
2193	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2013/2014
2194	Power generation - MEHB 403 - Semester 2, 2013/2014
2195	Reinforced concrete design II - CESB 423 - Semester 1, 2016/2017
2196	Power generation - MEHB 403 - Semester 1, 2013/2014
2197	Project management and construction - CEPB 323 - Semester 1, 2016/2017
2198	Geotechnical engineering - CEGB 333 - Semester 1, 2013/2014
2199	Structural analysis II - CESB 353 - Semester 1, 2016/2017
2200	Structural analysis I - CESB 223 - Semester 1, 2016/2017
2201	Reinforced concrete design I - CESB 343 - Semester 1, 2016/2017
2202	Finite element method - MEMB 423 - Semester 1, 2013/2014
2203	Elements of mechatronics - MESB 413 - Semester 1, 2013/2014
2204	Geotechnical engineering - CEGB 333 - Semester 1, 2016/2017
2205	Digital logic design - CSNB 163 - Semester 2, 2013/2014
2206	CIRCUITS ANALYSIS I - EEEB 113 - Semester 2, 2013/2014
2207	Thermodynamics II - MEHB 312 - Semester 1, 2013/2014
2208	Structural steel design I - CESB 333 - Semester 1, 2016/2017
2209	Control systems II - EEEB 423 - Semester 1, 2013/2014
2210	Soil mechanics - CEGB 233 - Semester 2, 2013/2014
2211	Computational fluid dynamics - MEHB 463 - Semester 1, 2013/2014
2212	Project management and construction - CEPB 323 - Semester 1, 2013/2014
2213	Data communication and network - EECB 423 - Semester 1, 2013/2014
2214	Power system communications - EPEB 433 - Semester 2, 2013/2014
2215	Mechanics of fluids II - MEHB 332 - Semester 2, 2013/2014
2216	Power quality - EPEB 413 - Semester 2, 2013/2014
2217	Electrical power system I - EEPB 353 - Semester 2, 2013/2014
2218	Electrical power system analysis II - EEPB 383 - Semester 2, 2013/2014
2219	Hydrology & hydraulic engineering I - CEWB 223 - Semester 1, 2013/2014
2220	Electrical installations - EEPB 413 - Semester 1, 2013/2014
2221	Heat transfer - MEHB 323 - Semester 1, 2013/2014
2222	Communication systems - EECB 353 - Semester 2, 2013/2014
2223	Power distribution engineering - EPEB 453 - Semester 2, 2013/2014
2224	Digital signal processing - EEEB 363 - Semester 1, 2013/2014
2225	Linear algebra - MATB 253 - Semester 1, 2016/2017
2226	Energy conversions - EPEB 443 - Semester 2, 2013/2014
2227	Mechanics of materials - MEMB 243 - Semester 1, 2013/2014
2228	Analog IC - EESB 433 - Semester 2, 2013/2014
2229	High voltage direct current (HVDC) & FACTS devices - EEPB 493 - Semester 2, 2013/2014
2230	Data communication and network - EECB 423 - Semester 2, 2013/2014
2231	Random process - EEEB 383 - Semester 1, 2013/2014
2232	Computer aided manufacturing (CAM) - MEFB 473 - Semester 2, 2013/2014
2233	Structural steel design I - CESB 333 - Semester 2, 2014/2015
2234	Object oriented programming - ECCB 213 - Semester 2, 2013/2014
2235	Object oriented programming - ECCB 213 - Semester 2, 2016/2017
2236	Highway engineering - CETB 322 - Semester II, 2013/2014
2237	Heat transfer - MEHB 323 - Semester 1, 2014/2015
2238	Mechanics of fluids - CEWB 123 - Semester 2, 2013/2014

2239	Computer architecture - ECEB 483 - Semester 2, 2013/2014
2240	Semiconductor devices - EESB 313 - Semester 2, 2014/2015
2241	Surveying for engineers - CEVB 213 - Semester 2, 2013/2014
2242	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 2, 2013/2014
2243	Civil Engineering Materials - CEMB 113 - Semester 2, 2013/2014
2244	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2014/2015
2245	Hydrology engineering - CEWB 322 - Semester 2, 2013/2014
2246	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2013/2014
2247	Production planning and control - MEFB 433 - Semester 1, 2014/2015
2248	Circuit theory - ECCB 114 - Semester 2, 2013/2014
2249	Computational fluid dynamics - MEHB 463 - Semester 1, 2014/2015
2250	Linear algebra - MATB 253 - Semester 2, 2013/2014
2251	Highway and transportation engineering - CETB 414 - Semester 2, 2013/2014
2252	Engineers in society - COEB 422 - Semester 2, 2013/2014
2253	Mechanics of materials - MEMB 243 - Semester 2, 2013/2014
2254	Electronic circuits analysis - ECCB 123 - Semester 2, 2014/2015
2255	Mechanics of materials - CEMB 124 - Semester 2, 2013/2014
2256	Radio frequency and microwave engineering - EECB 493 - Semester 2, 2014/2015
2257	Manufacturing processes - MEFB 213 - Semester 1, 2014/2015
2258	Electro-mechanical systems - MESB 443 - Semester 1, 2014/2015
2259	Electronics analysis & design I - EEEB 143 - Semester 2, 2014/2015
2260	Highway engineering - CETB 322 - Semester 2, 2014/2015
2261	Water resources engineering - CEWB 423 - Semester 2, 2013/2014
2262	Mechanics of fluids II - MEHB 332 - Semester 1, 2014/2015
2263	Machine design - MEMB 333 - Semester 2, 2013/2014
2264	Mechanics of fluids - CEWB 123 - Semester 2, 2014/2015
2265	Introduction to nuclear technology - MEHB 513 - Semester 2, 2013/2014
2266	Dam engineering - CEWB 123 - Semester 1, 2014/2015
2267	Surveying for engineers - CEVB 213 - Semester 2, 2014/2015
2268	Project management and construction - CEPB 323 - Semester 2, 2013/2014
2269	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2014/2015
2270	Statistics for engineers - MATB 133 - Semester 2, 2013/2014
2271	THERMODYNAMICS I - MEHB 213 - Semester I, 2014/2015
2272	Digital systems design - ECCB 233 - Semester 2, 2013/2015
2273	Electricity industry economics - EPEB 423 - Semester 1, 2013/2015
2274	Electronics analysis & design I - EEEB 143 - Semester 1, 2013/2015
2275	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2013/2015
2276	Power distribution engineering - EPEB 453 - Semester 1, 2013/2014
2277	Power quality - EPEB 413 - Semester 1, 2013/2015
2278	Power quality - EPEB 413 - Semester 1, 2013/2014
2279	Thermodynamics II - MEHB 312 - Semester 2, 2013/2015
2280	VLSI design - EESB 423 - Semester 1, 2013/2015
2281	VLSI design - EESB 423 - Semester 1, 2013/2014
2282	Digital logic design - EEEB 163 - Semester 2, 2014/2015
2283	Analog IC - EESB 433 - Semester 2, 2014/2015
2284	Thermodynamics II - MEHB 312 - Semester 1, 2014/2015
2285	Computer organization and architecture - ECCB 243 - Semester 2, 2013/2014
2286	Water and wastewater engineering - CEEB 313 - Semester 2, 2013/2014
2287	High voltage direct current (HVDC) & FACTS - EEPB 493 - Semester 2, 2014/2015
2288	Hydraulic engineering - CEWB 222 - Semester 2, 2013/2014

2289	Dam engineering - CEWB 493 - Semester 2, 2013/2014
2290	Internal combustion engine - MEHB 493 - Semester 1, 2014/2015
2291	Power quality - EPEB 413 - Semester 2, 2014/2015
2292	Structural analysis I - CESB 223 - Semester 2, 2013/2014
2293	Structural analysis I - CESB 223 - Semester 2, 2014/2015
2294	Data communication and network - EECB 423 - Semester 2, 2014/2015
2295	Engineering geology - CEGB 112 - Semester 2, 2013/2014
2296	Electronic circuits analysis - ECCB 123 - Semester 2, 2016/2017
2297	Transportation engineering - CETB 412 - Semester 2, 2014/2015
2298	Reinforced concrete design I - CESB 343 - Semester 2, 2013/2014
2299	Power generation - MEHB 403 - Semester 1, 2014/2015
2300	Mechanics of fluids I - MEHB 223 - Semester 1, 2014/2015
2301	Numerical methods for engineers - CECB 423 - Semester 2, 2013/2014
2302	Element of mechatronics - MESB 413 - Semester 1, 2014/2015
2303	Hydraulic engineering - CEWB 222 - Semester 2, 2014/2015
2304	Structural steel design I - CESB 333 - Semester 2, 2013/2014
2305	Computer organization and architecture - ECCB 243 - Semester 2, 2016/2017
2306	Geotechnical engineering - CEGB 333 - Semester 2, 2013/2014
2307	Electro-mechanical systems - MESB 443 - Semester 2, 2014/2015
2308	Structural analysis II - CESB 353 - Semester 2, 2014/2015
2309	Differential equations - MATB143 - Semester 2, 2013/2014
2310	Electrical power system II - EEPB 383 - Semester 2, 2014/2015
2311	Digital systems design - ECCB 233 - Semester 2, 2016/2017
2312	Circuit theory - ECCB 114 - Semester 2, 2016/2017
2313	Automation and robotics - MESB 403 - Semester 1, 2014/2015
2314	Data structure and algorithms - ECCB 323 - Semester 2, 2014/2015
2315	Nuclear policy, security and safeguards - MENB 453 - Semester 2, 2014/2015
2316	Foundation engineering I - CEGB 423 - Semester 2,2013/2014
2317	Highway design and traffic engineering - CETB 423 - Semester 2, 2014/2015
2318	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2014/2015
2319	Signals and systems - EEEB 233 - Semester 2, 2014/2015
2320	Digital communications - ECCB 343 - Semester 2, 2014/2015
2321	Project management and cinstruction - CEPB 323 - Semester 2, 2014/2015
2322	Circuit analysis I - EEEB 113 - Semester 2, 2014/2015
2323	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2014/2015
2324	Power system protection - EEPB 473 - Semester 2, 2014/2015
2325	Hydrology & hydraulic engineering I - CEWB 223 - Semester 2, 2013/2014
2326	Hydraulic engineering - CEWB 222 - Semester II, 2014/2015
2327	Circuit analysis II - EEEB 123 - Semester 2, 2014/2015
2328	High voltage technology - EEPB 463 - Semester 2, 2014/2015
2329	Electrical installations - EEPB 413 - Semester 2, 2014/2015
2330	Water resources engineering - CEWB 423 - Semester 2, 2014/2015
2331	Computer organization and architecture - ECCB 243 - Semester II, 2014/2015
2332	Computer architecture - ECEB 483 - Semester 2, 2014/2015
2333	Object oriented programming - ECCB 213 - Semester 2, 2014/2015
2334	Electricity industry economics - EPEB 423 - Semester 2, 2014/2015
2335	VLSI design - EESB 423 - Semester 2, 2014/2015
2336	Digital systems design - ECCB 233 - Semester 2, 2014/2015
2337	Mechanics I : statics - MEMD 124 - Semester 2, 2014/2015
2338	Dam engineering - CEWB 493 - Semester 2, 2014/2015

2339	Communication systems - EECB 353 - Semester 2, 2014/2015
2340	Wireless and mobile communication - ECCB 363 - Semester 2, 2014/2015
2341	Reinforced concrete design I - CESB 343 - Semester 2, 2014/2015
2342	Applied telecommunication systems - EECB 433 - Semester 2, 2014/2015
2343	Power system communications - EPEB 433 - Semester 2, 2014/2015
2344	Advanced microprocessor - ECEB 473 - Semester 2, 2014/2015
2345	Reinforced concrete design II - CESB 423 - Semester 2, 2014/2015
2346	Engineering materials - METB 113 - Semester 2, 2014/2015
2347	Engineering geology - CEGB 112 - Semester 2, 2014/2015
2348	Introduction to environmental engineering - CEEB 223 - Semester 2, 2014/2015
2349	Digital logic design - EEEB 163 - Semester 2, 2016/2017
2350	Numerical methods for engineers - COEB 223 - Semester 2, 2014/2015
2351	Microprocessor systems - EEEB 373 - Semester 2, 2014/2015
2352	Computer aided manufacturing - MEFB 473 - Semester 2, 2014/2015
2353	MESB 333 Engineering measurement and laboratory - MESB 333 - Semester 1, 2014/2013
2354	Theory of machines - MEMB 263 - Semester 1, 2014/2015
2355	Theory of machines - MEMB 263 - Semester 2, 2014/2015
2356	Mechanics of materials - MEMB 243 - Semester 2, 2014/2015
2357	Wireless and mobile communication - ECCB 363 - Semester 2, 2015/2016
2358	Production planning and control - MEFB 433 - Semester 2, 2014/2015
2359	Advanced calculus and analytical geometry - MATB 113/MATB 214 - Semester 2, 2014/2015
2360	Mechanics II : dynamics - CECB 122 - Semester 2, 2014/2015
2361	Electronic analysis and design II - EEEB 273 - Semester 2, 2014/2015
2362	Power electronics - EEEB 393 - Semester 2, 2014/2015
2363	Mechanics of fluids I - MEHB 223 - Semester 2, 2014/2015
2364	Electrical power system I - EEPB 353 - Semester 2, 2014/2015
2365	Engineering economics - COEB 442 - Semester 2, 2014/2015
2366	Engineers in society - COEB 422 - Semester 1, 2014/2015
2367	Mechanics of materials - CEMB 124 - Semester 2, 2014/2015
2368	Internal combustion engine - MEHB 493 - Semester 2, 2014/2015
2369	Introduction to nuclear engineering - MENB 403 - Semester 1, 2014/2015
2370	Power generation - MEHB 403 - Semester 2, 2014/2015
2371	Mechanics of materials - MEMB 243 - Semester 1, 2014/2015
2372	Electrical machines and drives - EEEB 283 - Semester 2, 2014/2015
2373	Linear algebra - MATB 253 - Semester 2, 2014/2015
2374	Modeling and analysis of dynamic systems/modeling and control of dynamic systems - MESB 313/MESB 323 - Semester 2, 2014/2015
2375	Foundation engineering I - CEGB 423 - Semester 2, 2014/2015
2376	Thermodynamics II - MEHB 312 - Semester 2, 2014/2015
2377	Data network architecture and electronics - EECB 473 - Semester 2, 2016/2017
2378	Radiation safety and waste management - MENB 433 - Semester 1, 2014/2015
2379	Mechanical vibrations - MEMB 343/MEMB 443 - Semester 2, 2014/2015
2380	Control system II - EEEB 423 - Semester 2, 2014/2015
2381	Heat transfer - MEHB 323 - Semester 2, 2014/2015
2382	Digital communications - ECCB 343 - Semester 2, 2016/2017
2383	Computational fluid dynamics - MEHB 463 - Semester 2, 2014/2015
2384	Communication systems - EECB 353 - Semester 2, 2016/2017
2385	Thermodynamics I - MEHB 213 - Semester 2, 2014/2015

2386	Numerical methods for civil engineers - CECB 423 - Semester 2, 2014/2015
2387	Manufacturing processes - MEFB 213 - Semester 2, 2014/2015
2388	Wireless and mobile communication - ECCB 363 - Semester 2, 2016/2017
2389	Control systems - EEEB 323/EEEB 324 - Semester 2, 2014/2015
2390	Advanced microprocessor - ECEB 473 - Semester 2, 2016/2017
2391	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2015/2016
2392	Operating systems - ECCB 423 - Semester 2, 2016/2017
2393	Statistics for engineers - MATB 133 - Semester 1, 2014/2015
2394	Water and wastewater engineering - CEEB 313 - Semester 2, 2014/2015
2395	Process control & instrumentation - EEIB 413 - Semester 2, 2014/2015
2396	Applied telecommunication systems - EECB 433 - Semester 2, 2016/2017
2397	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2016/2017
2398	Differential equations - MATB 143 - Semester 2,2014/2015
2399	Electronics analysis & design I - EEEB 143 - Semester 2, 2016/2017
2400	Operating systems - ECCB 423 - Semester 2, 2015/2016
2401	Power distribution engineering - EPEB 453 - Semester 2, 2014/2015
2402	Circuit analysis II - EEEB 123 - Semester 2, 2016/2017
2403	Mechanics II : dynamics - MEMB 233 - Semester 2, 2014/2015
2404	Data communication and network - EECB 423 - Semester 2, 2016/2017
2405	Statistics for engineers - MATB 133 - Semester 2, 2014/2015
2406	Computer architecture - ECEB 483 - Semester 2, 2016/2017
2407	Electronic circuits analysis - ECCB 123 - Semester 1, 2015/2016
2408	Introduction to sustainability engineering - MEHB 523 - Semester 2, 2014/2015
2409	Computer architecture - ECEB 483 - Semester 2, 2015/2016
2410	Soil mechanics - CEGB 233 - Semester 2, 2014/2015
2411	Internet programming - ECSB 463 - Semester 2, 2016/2017
2412	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2016/2017
2413	Solid Waste Management - CEEB 433 - Semester 2, 2014/2015
2414	Digital signal processing - EEEB 363 - Semester 2, 2014/2015
2415	Data structure and algorithms - ECCB 323 - Semester 2, 2016/2017
2416	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2014/2015
2417	Random process - EEEB 383 - Semester 2, 2014/2015
2418	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 2, 2014/2015
2419	Machine design - MEMB 333 - Semester 1, 2014/2015
2420	Electronic circuits analysis - ECCB 123 - Semester 1, 2014/2015
2421	Engineers in society - COEB 422 - Semester 2, 2014/2015
2422	Advanced microprocessor - ECEB 473 - Semester 2, 2015/2016
2423	Engineering measurement and laboratory - MESB 333 - Semester 2, 2014/2015
2424	Mechanics of fluids II - MEHB 332 - Semester 2, 2014/2015
2425	Energy conversions - EPEB 443 - Semester 2, 2014/2015
2426	Civil engineering materials - CEMB 113 - Semester 2, 2014/2015
2427	Geotechnical engineering - CEGB 333 - Semester 2, 2014/2015
2428	Differential equations - MATB 143 - Semester 1, 2014/2015
2429	Finite element method - MEMB 423 - Semester 1, 2014/2015
2430	Principles of management - COEB 432 - Semester 2, 2014/2015
2431	Failure analysis and design - MEMB 463 - Semester 1, 2014/2015
2432	Engineering economics - COEB 442 - Semester 1, 2014/2015
2433	Mechanics I : statics - CECB 113 - Semester 2, 2014/2015
2434	Introduction to Nuclear Technology - MEHB 513 - Semester 1, 2014/2015

2435	Introduction to Nuclear Engineering - MENB 403 - Semester 2, 2014/2015
2436	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2014/2015
2437	Principles of Programming & Programming for Engineers - CSEB 114/EEEB 114 - Semester 1, 2015/2016
2438	Engineering materials - METB 113 - Semester 1, 2014/2015
2439	Linear algebra - MATB 253 - Semester 1, 2014/2015
2440	Object oriented programming - ECCB 213 - Semester 1, 2015/2016
2441	Introduction to nuclear technology - MEHB 513 - Semester 2, 2014/2015
2442	Introduction to sustainability engineering - MEHB 523 - Semester 1, 2014/2015
2443	Object oriented programming - ECCB 213 - Semester 1, 2014/2015
2444	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2015/2016
2445	Principles of management - COEB 432 - Semester 1, 2014/2015
2446	Mechanical vibrations - MEMB 343 - Semester 1, 2014/2015
2447	Machine design - MEMB 333 - Semester 2, 2014/2015
2448	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 2, 2014/2015
2449	Numerical methods for engineers - COEB 223 - Semester 1, 2014/2015
2450	Computer organization and architecture - ECCB 243 - Semester 1, 2014/2015
2451	Hydraulics engineering - CEWB 222 - Semester 2, 2015/2016
2452	Reinforced concrete design II - CESB 423 - Semester 2, 2015/2016
2453	Control and drives - EEEB 443 - Semester 1, 2015/2016
2454	Electrical installations - EEPB 413 - Semester 2, 2016/2017
2455	Digital logic design - EEEB 163 - Semester 1, 2015/2016
2456	Power system analysis II - EEPB 383 - Semester 2, 2016/2017
2457	Manufacturing processes - MEFB 213 - Semester 1, 2015/2016
2458	Electrical power system - EEPB 353 - Semester 2, 2016/2017
2459	Theory of machines - MEMB 263 - Semester 1, 2015/2016
2460	Process control & instrumentation - EEIB 413 - Semester 2, 2016/2017
2461	High voltage technology - EEPB 463 - Semester 1, 2015/2016
2462	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 2, 2016/2017
2463	Computer organization and architecture - ECCB 243 - Semester 1, 2015/2016
2464	Image processing - EEEB 473 - Semester 2, 2016/2017
2465	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2015/2016
2466	Control system II - EEEB 423 - Semester 2, 2016/2017
2467	Digital signal processing - EEEB 363 - Semester 1, 2015/2016
2468	Power electronics - EEED 243 - Semester 2, 2016/2017
2469	Random process - EEEB 383 - Semester 1, 2015/2016
2470	Thermodynamics II - MEHB 312 - Semester 1, 2015/2016
2471	Random process - EEEB 383 - Semester 2, 2016/2017
2472	Microprocessor systems - EEEB 373 - Semester 2, 2016/2017
2473	Signals and systems - EEEB 233 - Semester 1, 2015/2016
2474	Digital signal processing - EEEB 363 - Semester 2, 2016/2017
2475	Control systems - EEEB 323 - Semester 2, 2016/2017
2476	Data structure and algorithms - ECCB 323 - Semester 1, 2015/2016
2477	Electrical machines and drives - EEEB 283 - Semester , 2016/2017
2478	Computer controlled systems - EEEB 513 - Semester 1, 2015/2016
2479	Electronic analysis and design II - EEEB 273 - Semester 2, 2016/2017
2480	Applied telecommunication systems - EECB 433 - Semester 1, 2015/2016
2481	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2016/2017
2482	Power quality - EPEB 413 - Semester 1, 2015/2016

2483	Signals and systems - EEEB 233 - Semester 2, 2016/2017
2484	Numerical methods for civil engineers - CECB 423 - Semester 1, 2015/2016
2485	Production planning and control - MEFB 433 - Semester 2, 2015/2016
2486	Microprocessor systems - EEEB 373 - Semester 1, 2015/2016
2487	Computational fluid dynamics - MEHB 463 - Semester 1, 2015/2016
2488	Embedded system - EESB 493 - Semester 1, 2015/2016
2489	Thermodynamics I - MEHB 213 - Semester 2, 2015/2016
2490	Electromagnetic fields and waves - EEEB 253 - Semester 1, 2015/2016
2491	Geotechnical engineering - CEGB 333 - Semester 1, 2015/2016
2492	Power system protection - EEPB 473 - Semester 1, 2015/2016
2493	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2015/2016
2494	Structural analysis I - CESB 223 - Semester 2, 2015/2016
2495	Production planning and control - MEFB 433 - Semester 1, 2015/2016
2496	Mechanics of fluids I - MEHB 223 - Semester 1, 2015/2016
2497	Heat transfer - MEHB 323 - Semester 2, 2015/2016
2498	Process control & instrumentation - EEIB 413 - Semester 1, 2015/2016
2499	Wireless and mobile communication - ECCB 363 - Semester 1, 2015/2016
2500	Energy conversions - EPEB 443 - Semester 1, 2015/2016
2501	Structural steel design I - CESB 333 - Semester 2, 2015/2016
2502	Introduction to environmental engineering - CEEB 223 - Semester 2, 2015/2016
2503	Engineering materials - METB 113 - Semester 2, 2015/2016
2504	Electronics analysis and design II - EEEB 273 - Semester 1, 2015/2016
2505	Circuit analysis I - EEEB 113 - Semester 1, 2015/2016
2506	Semiconductor devices - EESB 313 - Semester 1, 2015/2016
2507	Mechanics II : dynamics - MEMB 233 - Semester 1, 2015/2016
2508	Power system communications - EPEB 433 - Semester 1, 2015/2016
2509	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2015/2016
2510	Water and wastewater engineering - CEEB 313 - Semester 2, 2015/2016
2511	Numerical methods for civil engineers - CECB 423 - Semester 2, 2015/2016
2512	Heat transfer - MEHB 323 - Semester 1, 2015/2016
2513	Digital Communications - ECCB 343 - Semester I, 2015/2016
2514	Power generation - MEHB 403 - Semester 1, 2015/2016
2515	Electrical power system II - EEPB 383 - Semester 1, 2015/2016
2516	Electrical power system I - EEPB 353 - Semester 1, 2015/2016
2517	Manufacturing processes - MEFB 213 - Semester 2, 2015/2016
2518	Computer architecture - ECEB 483 - Semester 1, 2015/2016
2519	Mechanics II : dynamics - CECB 122 - Semester 2, 2015/2016
2520	Electrical machines and drives - EEEB 283 - Semester 1, 2015/2016
2521	power electronics - EEEB 393 - Semester 1, 2015/2016
2522	Transportation engineering - CETB 412 - Semester 2, 2015/2016
2523	Highway engineering - CETB 322 - Semester 2, 2015/2016
2524	Machine design - MEMB 333 - Semester 1, 2015/2016
2525	Thermodynamics I - MEHB 213 - Semester 1, 2015/2016
2526	Electronics analysis & design I - EEEB 143 - Semester 1, 2015/2016
2527	Communication systems - EECB 353 - Semester 1, 2015/2016
2528	Highway design and traffic engineering - CETB 423 - Semester 2, 2015/2016
2529	Surveying for engineers - CEVB 213 - Semester 2, 2015/2016
2530	Power distribution engineering - EPEB 453 - Semester 1, 2015/2016
2531	Repair, assessment and rehabilitation - CESB 483 - Semester 2, 2015/2016
2532	Mechanics of fluids - CEWB 123 - Semester 2, 2015/2016

2533	VLSI design - EESB 423 - Semester 1, 2015/2016
2534	Circuit analysis II - EEEB 123 - Semester 1, 2015/2017
2535	Control system II - EEEB 423 - Semester 1, 2015/2016
2536	Structural analysis II - CESB 353 - Semester 1, 2007/20082, 2015/2016
2537	Introduction to sustainability engineering - MEHB 523 - Semester 2, 2015/2016
2538	Mechanics II : dynamics - CECB 122 - Semester 1, 2015/2016
2539	Power generation - MEHB 403 - Semester 2, 2015/2016
2540	Control system - EEEB 323/EEEB 324 - Semester 1, 2015/2016
2541	Computational fluid dynamics - MEHB 463 - Semester 2, 2015/2016
2542	Internal combustion engine - MEHB 493 - Semester 2, 2015/2016
2543	Computer aided manufacturing - MEFB 473 - Semester 2, 2015/2016
2544	Soil mechanics - CEGB 233 - Semester 1, 2015/2016
2545	Mechanics of fluids II - MEHB 332 - Semester 1, 2015/2016
2546	Mechanics of fluids II - MEHB 332 - Semester 2, 2015/2016
2547	Digital systems design - ECCB 233 - Semester 1, 2015/2016
2548	Introduction to sustainability engineering - MEHB 523 - Semester 1, 2015/2016
2549	Thermodynamics II - MEHB 312 - Semester 2, 2015/2016
2550	Mechanics I : statics - MEMB 123 - Semester 1, 2015/2016
2551	Mechanics of materials - MEMB 243 - Semester 1, 2015/2016
2552	Reinforced concrete design I - CESB 343 - Semester 2, 2015/2016
2553	Electro-mechanical systems - MESB 443 - Semester 2, 2015/2016
2554	Automation and robotics - MESB 403 - Semester 2, 2015/2016
2555	Introduction to Nuclear Technology - MEHB 513 - Semester 2,2015/2016
2556	Water and wastewater engineering - CEEB 313 - Semester 1, 2015/2016
2557	Solid waste management - CEEB 433 - Semester 2, 2015/2016
2558	Linear algebra - MATB 253 - Semester 1, 2015/2016
2559	Digital communications - ECCB 343 - Semester 2, 2015/2016
2560	Engineering geology - CEGB 112 - Semester 2, 2016/2017
2561	Engineers in society - COEB 422 - Semester 1, 2015/2016
2562	Circuit analysis I - EEEB 113 - Semester 2, 2015/2016
2563	Solid waste management - CEEB 433 - Semester 2, 2016/2017
2564	Water and wastewater engineering - CEEB 313 - Semester 2, 2016/2017
2565	Structural steel design I - CESB 333 - Semester 1, 2015/2016
2566	Analog IC - EESB 433 - Semester 2, 2015/2016
2567	Introduction to environmental engineering - CEEB 223 - Semester 2, 2016/2017
2568	Introduction to nuclear engineering - MENB 403 - Semester 1, 2015/2016
2569	Numerical methods for civil engineers - CECB 423 - Semester 2, 2016/2017
2570	Engineering geology - CEGB 112 - Semester 2, 2015/2016
2571	Mechanics II : dynamics - CECB 122 - Semester 2, 2016/2017
2572	Project management and construction - CEPB 323 - Semester 2, 2015/2016
2573	Power distribution engineering - EPEB 453 - Semester 2, 2016/2017
2574	Electronic circuits analysis - ECCB 123 - Semester 2, 2015/2016
2575	Energy conversions - EPEB 443 - Semester 2, 2016/2017
2576	Computer controlled systems - EEEB 513/ESEM 513/ESEM 583 - Semester 2, 2015/2016
2577	Statistics for engineers - MATB 133 - Semester 1, 2015/2016
2578	Power system communications -EPEB 433 - Semester 2, 2016 / 2017
2579	Electricity industry economics - Semester 2, 2016 / 2017
2580	Power quality - EPEB 413 - Semester 2, 2016/2017
2581	Embedded system - EESB 493 - Semester 2, 2016/2017

2582	Soil mechanics - CEGB 233 - Semester 2, 2015/2016
2583	Analog IC - EESB 433 - Semester 2, 2016/2017
2584	Communication systems - EECB 353 - Semester 2, 2015/2016
2585	Semiconductor devices - EESB 313 - Semester 2, 2016/2017
2586	Elements of mechatronics - MESB 413 - Semester 1, 2015/2016
2587	Process control and instrumentation - EEIB 413 - Semester 1, 2015/2016
2588	High voltage direct current (HVDC), and FACTS devices - EEPB 493 - Semester 2, 2016 / 2017
2589	Power system protection - EEPB 473 - Semester 2, 2016/2017
2590	Power system communications - EPEB 433 - Semester 2, 2015/2016
2591	Object oriented programming - ECCB 213 - Semester 2, 2015/2016
2592	Data communication and network - EECB 423 - Semester 1, 2015/2016
2593	High voltage technology - EEPB 463 - Semester 2, 2016/2017
2594	Geotechnical engineering - CEGB 333 - Semester 2, 2015/2016
2595	Random process - EEEB 383 - Semester 2, 2015/2016
2596	Electronics analysis & design I - EEEB 143 - Semester 2, 2015/2016
2597	Highway engineering - CETB 322 - Semester I, 2015/2014
2598	Introduction to reactor physics - MENB 423 - Semester 1, 2015/2016
2599	Hydrology engineering - CEWB 322 - Semester 1, 2015/2016
2600	Electrical power system I - EEPB 353 - Semester 2, 2015/2016
2601	Civil Engineering Materials - CEMB 113 - Semester 1, 2015/2016
2602	Principles of management - COEB 432 - Semester 1, 2015/2016
2603	Power system protection - EEPB 473 - Semester 2, 2015/2016
2604	Data communication and network - EECB 423 - Semester 2, 2015/2016
2605	Mechanical vibration - MEMB 343/MEMB 443 - Semester 1, 2015/2016
2606	Foundation engineering I - CEGB 423 - Semester 2, 2015/2016
2607	Electro-mechanical systems - MESB 443 - Semester 1, 2015/2016
2608	Differential equations - MATB 143 - Semester 1, 2015/2016
2609	Digital systems design - ECCB 233 - Semester 2, 2015/2016
2610	Dam engineering - CEWB 493 - Semester 1, 2015/2016
2611	Digital logic design - EEEB 163 - Semester 2, 2015/2016
2612	Electrical power system analysis II - EEPB 383 - Semester 2, 2015/2016
2613	Engineering economics - COEB 442 - Semester 1, 2015/2016
2614	High voltage direct current (HVDC), and FACTS devices - EEPB 493 - Semester 2, 2015/2016
2615	Engineering geology - CEGB 112 - Semester 1, 2015/2016
2616	Foundation engineering II - CEGB 433 - Semester 2, 2015/2016
2617	Computer 0rganization and achitecture - ECCB 243 - Semester 2, 2015/2016
2618	Electronic analysis and design II - EEEB 273 - Semester 2, 2015/2016
2619	Energy conversions - EPEB 443 - Semester 2, 2015/2016
2620	Advanced calculus and analytical geometry - MATB 113 - Semester 2, 2015/2016
2621	Modeling and analysis of dynamic systems/modeling and control of dynamic systems - MESB 313/MESB 323 - Semester 1, 2015/2016
2622	Embedded system - EESB 493 - Semester 2, 2015/2016
2623	Finite element method - MEMB 423 - Semester 1, 2015/2016
2624	High voltage technology - EEPB 463 - Semester 2, 2015/2016
2625	Civil engineering materials - CEMB 113 - Semester 2, 2015/2016
2626	Control systems II - EEEB 423 - Semester 2, 2015/2016
2627	Signals and systems - EEEB 233 - Semester 2, 2015/2016
2628	Power distribution engineering - EPEB 453 - Semester 2, 2015/2016

2629	Microprocessor systems - EEEB 373 - Semester 2, 2015/2016
2630	Structural analysis II - CESB 353 - Semester 1, 2015/2016
2631	Automation and robotics - MESB 403 - Semester 1, 2015/2016
2632	Highway design and traffic engineering - CETB 423 - Semester 1, 2015/2016
2633	Failure analysis and design - MEMB 463 - Semester 1, 2015/2016
2634	Mechanics I : statics - CECB 113 - Semester 1, 2015/2016
2635	Mechanics of materials - CEMB 124 - Semester 2, 2015/2016
2636	Engineering materials - METB 113 - Semester 1, 2015/2016
2637	Circuit theory - ECCB 114 - Semester 2, 2015/2016
2638	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2015/2016
2639	Engineering measurement and laboratory - MESB 333 - Semester 1, 2015/2016
2640	Data structure and algorithms - ECCB 323 - Semester 2, 2015/2016
2641	Electrical machines and drives - EEEB 283 - Semester 2, 2015/2016
2642	Digital signal processing - EEEB 363 - Semester 2, 2015/2016
2643	Reinforced concrete design II - CESB 423 - Semester 1, 2015/2016
2644	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2015/2016
2645	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2015/2016
2646	Water resources engineering - CEWB 423 - Semester 1, 2015/2016
2647	Solid Waste Management - CEEB 433 - Semester 1, 2015/2016
2648	Reinforced concrete design I - CESB 343 - Semester 1, 2015/2016
2649	Project management and construction - CEPB 323 - Semester 1, 2015/2016
2650	Foundation engineering I - CEGB 423 - Semester 1, 2015/2016
2651	Image processing - EEEB 473 - Semester 2, 2015/2016
2652	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2015/2016
2653	Mechanics of materials - CEMB 124 - Semester 1, 2015/2016
2654	Semiconductor devices - EESB 313 - Semester 2, 2015/2016
2655	Numerical methods for engineers - COEB 223 - Semester 1, 2015/2016
2656	Control systems - EEEB 323 - Semester 2, 2015/2016
2657	power electronics - EEEB 393 - Semester 2, 2015/2016
2658	Structural analysis I - CESB 223 - Semester 1, 2015/2016
2659	Radio frequency and microwave engineering - EECB 493 - Semester 2, 2015/2016
2660	Applied telecommunication systems - EECB 433 - Semester 2, 2015/2016
2661	Power quality - EPEB 413 - Semester 2, 2015/2016
2662	Introduction to environmental engineering - CEEB 223 - Semester 1, 2015/2016
2663	Circuit analysis II - EEEB 123 - Semester 1, 2015/2016
2664	VLSI design - EESB 423 - Semester 2, 2015/2016
2665	Theory of machines - MEMB 263 - Semester 2, 2015/2016
2666	High voltage technology - EEPB 463 - Semester 1, 2016/2017
2667	Engineering geology - CEGB 112 - Semester 1, 2011/2012
2668	Advance database system - CISB 514 - Semester I, 2009/2010
2669	Nuclear policy, security and safeguards - MENB 453 - Semester 2, 2015/2016
2670	Dynamics system modeling and analysis - MESB 313 - Semester 1, 2011/2012
2671	Civil engineering materials - CEMB 113 - Semester 2, 2016/2017
2672	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2016/2017
2673	Mechanics of materials - CEMB 124 - Semester 2, 2016/2017
2674	Process control & instrumentation - EEIB 413 - Semester 1, 2011/2012
2675	Project management and construction - CEPB 323 - Semester 2, 2016/2017
2676	Differential equations - MATB 143 - Semester 2, 2015/2016
2677	Foundation engineering I - CEGB 423 - Semester 2, 2016/2017
2678	Mechanics II : dynamics - MEMB 233 - Semester 2, 2015/2016

2679	Geotechnical engineering - CEGB 333 - Semester 2, 2016 / 2017
2680	Mechanics I : statics - CECB 113 - Semester 2, 2015/2016
2681	Mechanics I : statics - CECB 113 - Semester 2, 2016/2017
2682	Electronic analysis and design II - EEEB 273 - Semester 1, 2016/2017
2683	Soil mechanics - CEGB 233 - Semester 2, 2016/2017
2684	Structural analysis I - CESB 223 - Semester 2, 2016/2017
2685	Modeling and control of dynamic systems - MESB 323 - Semester 2, 2015/2016
2686	Water resources engineering - CEWB 423 - Semester 2, 2015/2016
2687	Mechanics I : statics - MEMB 123/MEMB 214 - Semester 1, 2011/2012
2688	Linear algebra - MATB 253 - Semester 2, 2015/2016
2689	Mechanics of materials - MEMB 243 - Semester 2, 2015/2016
2690	Control and drives - EEEB 443 - Semester 1, 2011/2012
2691	Electrical machines and drives - EEEB 283 - Semester 1, 2016/2017
2692	Image processing - EEEB 473 - Semester 2, 2001/2002
2693	Highway and transportation engineering - CETB 414 - Semester 1, 2011/2012
2694	Digital systems design - ECCB 233 - Semester 1, 2016/2017
2695	Electro-mechanical systems - MESB 443 - Semester 1, 2011/2012
2696	Numerical methods for engineers - COEB 223 - Semester 2, 2015/2016
2697	Water and wastewater engineering - CEEB 313 - Semester 1, 2011/2012
2698	Engineering measurement and laboratory - MESB 333 - Semester 2. 2015/2016
2699	Process control and instrumentation - EEIB 413 - Semester 1, 2016/2017
2700	Electromagnetic fields & waves - EEEB 253 - Semester 1, 2011/2012
2701	Statistics for civil engineers - MATB 133 - Semester 2, 2015/2016
2702	Electronic circuits analysis - ECCB 123 - Semester 1, 2016/2017
2703	Theory of machines - MEMB 263 - Semester 1, 2011/2012
2704	Principles of management - COEB 432 - Semester 2, 2015/2016
2705	Control systems - EEEB 323 - Semester 1, 2016/2017
2706	Energy conversion - EPEB 443 - Semester 1, 2016/2017
2707	Engineers in society - COEB 422 - Semester 2, 2015/2016
2708	Machine design - MEMB 333 - Semester 2, 2015/2016
2709	Computer architecture - ECEB 483 - Semester 1, 2016/2017
2710	VLSI design - EESB 423 - Semester 1, 2016/2017
2711	Soil mechanics - CEGB 323 - Semester 1, 2011/2012
2712	Control & drives - EEEB 443 - Semester 1, 2016/2017
2713	Hydrology engineering - CEWB 322 - Semester 2, 2015/2016
2714	Power system I - EEPB 535 - Semester 1, 2011/2012
2715	Wireless and mobile communication - ECCB 363 - Semester 1, 2016/2017
2716	Digital logic design - EEEB 163 - Semester 1, 2016/2017
2717	Mechanics : statics - CECB 113 - Semester 1, 2011/2012
2718	Power quality - COEB 432 - Semester 1, 2016/2017
2719	Communication systems - EECB 353 - Semester 1, 2016/2017
2720	Circuit theory - ECCB 114 - Semester 1, 2016/2017
2721	Thermodynamics I - MEHB 213 - Semester 1, 2016/2017
2722	Production planning and control - MEFB 433 - Semester 1, 2016/2017
2723	Manufacturing processes - MEFB 213 - Semester 1, 2016/2017
2724	Power distribution engineering - EPEB 453 - Semester 1, 2016/2017
2725	Mechanical vibrations - MEMB 343/MEMB 443 - Semester 2, 2015/2016
2726	Electronics analysis & design I - EEEB 143 - Semester 1, 2016/2017
2727	Circuit analysis I - EEEB 113 - Semester 1, 2016/2017
2728	Engineering economics - COEB 442 - Semester 2, 2015/2016

2729	Power system communications - EPEB 433 - Semester 1, 2016/2017
2730	Semiconductor devices - EESB 313 - Semester 1, 2016/2017
2731	Mechanics II : dynamics - MEMB 233 - Semester 1, 2011/2012
2732	Applied telecommunication systems - EECB 433 - Semester 1, 2016/2017
2733	Dam engineering - CEWB 493 - Semester 2, 2015/2016
2734	Radiation safety and waste management - MENB 433 - Semester 2, 2015/2016
2735	Mechanics I : Statics - MEMB 123 - Semester 2, 2015/2016
2736	Embedded system - EESB 493 - Semester 1, 2016/2017
2737	Computer organization and architecture - ECCB 243 - Semester 1, 2016/2017
2738	Optoelectronics & fiber optic - EECB 483 - Semester 1, 2011/2012
2739	Power system protection - EEPB 473 - Semester 1, 2016/2017
2740	Electrical installations - EEPB 413 - Semester 1, 2016/2017
2741	Mechanical vibration - MEMB 443 - Semester 1, 2011/2012
2742	Project management and construction - CEPB 323 - Semester 1, 2011/2012
2743	Electrical power system II - EEPB 383 - Semester 1, 2016/2017
2744	Circuit analysis II - EEEB 123 - Semester 1, 2016/2017
2745	Principles of programming/programming for engineers - CSEB 114/EEEB 114 - Semester 1, 2016/2017
2746	Microprocessor systems - EEEB 373 - Semester 1, 2016/2017
2747	Control system II - EEEB 423 - Semester 1, 2016/2017
2748	power electronics - EEEB 393 - Semester 1, 2016/2017
2749	Random process - EEEB 383 - Semester 1, 2016/2017
2750	Internet programming - ECSB 463 - Semester 1, 2016/2017
2751	Digital signal processing - EEEB 363 - Semester 1, 2016/2017
2752	Electromagnetic fields and waves - EEEB 253 - Semester 1, 2016/2017
2753	Data communications and networks - EECB 423 - Semester 1, 2016/2017
2754	Signals and systems - EEEB 233 - Semester 1, 2016/2017
2755	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2011/2012
2756	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2016/2017
2757	Operating systems - ECCB 423 - Semester 1, 2016/2017
2758	Digital Communications -ECCB 343 - Semester I, 2015/20166/2017
2759	Data structure and algorithms - ECCB 323 - Semester 1, 2016/2017
2760	Object oriented programming - ECCB 213 - Semester 1, 2016/2017
2761	Introduction to sustainability engineering - MEHB 523 - Semester 1, 2011/2012
2762	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2016/2017
2763	Mechanics of fluids II - MEHB 332 - Semester 1, 2016/2017
2764	Heat transfer - MEHB 323 - Semester 1, 2016/2017
2765	Mechanics II : dynamics - MEMB 233 - Semester 1, 2016/2017
2766	Highway design and traffic engineering - CETB 423 - Semester 2, 2011/2012
2767	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2011/2012
2768	Digital logic - EEED 144 - Semester 1, 2005/2006
2769	Mechanics of fluids I - MEHB 223 - Semester 1, 2016/2017
2770	Thermodynamics II - MEHB 312 - Semester 1, 2016/2017
2771	Mechanics of materials - MEMB 243 - Semester 1, 2016/2017
2772	Power system 1 - EEPB 353/EEPB 453 - Semester 1, 2006/2007
2773	Mechanics I : statics - MEMB 123 - Semester 1, 2016/2017
2774	Internal combustion engine - MEHB 493 - Semester 1, 2016/2017
2775	Computational fluid dynamics - MEHB 463 - Semester 1, 2016/2017
2776	Energy and sustainable development - MEHB 533 - Semester 1, 2016/2017
2777	Chemistry II - CHEB 123 - Semester Jun, 2003/2004

2778	Computational fluid dynamics - MEHB 463 - Semester 2, 2007/2008
2779	Computer organization and architecture - ECCB 243 - Semester 2, 2017/2018
2780	Data structure and algorithms - ECCB 323 - Semester 2, 2017/2018
2781	Computer organization and architecture - ECCB 243 - Semester 1, 2017/2018
2782	Object oriented programming - ECCB 213 - Semester 1, 2017/2018
2783	Circuit theory - ECCB114 - Semester 1, 2017/2018
2784	Digital systems design - ECCB 233 - Semester 1, 2017/2018
2785	Electronic circuits analysis - ECCB 123 - Semester 1, 2017/2018
2786	Radio frequency and microwave engineering - EECB 493 - Semester 1, 2017/2018
2787	Digital communication - ECCB 343 - Semester 1, 2017/2018
2788	Random process - EEEB 383 - Semester 1, 2017/2018
2789	Circuit analysis I - EEEB 113 - Semester 1, 2017/2018
2790	Wireless and mobile communication - ECCB 363 - Semester 1, 2017/2018
2791	Circuit analysis II - EEEB 123 - Semester 1, 2017/2018
2792	Operating systems - ECCB 423 - Semester 1, 2017/2018
2793	Electronics analysis & design I - EEEB 143 - Semester 1, 2017/2018
2794	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2017/2018
2795	Digital logic design - EEEB 163 - Semester 1, 2017/2018
2796	Digital communications - ECCB 343 - Semester 2, 2017/2018
2797	Database programming - ECPB 453 - Semester 1, 2017/2018
2798	Signals and systems - EEEB 233 - Semester 1, 2017/2018
2799	Introduction to simulation and modelling - ECSB 423 - Semester 1, 2017/2018
2800	Electromagnetic fields and waves - EEEB 253 - Semester 1, 2017/2018
2801	Electronic analysis and design II - EEEB 273 - Semester 1, 2017/2018
2802	Principles of programming/programming for engineers - CSEB 114/EEEB 114 - Semester 1, 2017/2018
2803	Communication systems - EECB 353 - Semester 1, 2017/2018
2804	Electrical machines and drives - EEEB 283 - Semester 1, 2017/2018
2805	Data communication and network - EECB 423 - Semester 1, 2017/2018
2806	Control systems - EEEB 323 - Semester 1, 2017/2018
2807	Applied telecommunication systems - EECB 433 - Semester 1, 2017/2018
2808	Digital signal processing - EEEB 363 - Semester 1, 2017/2018
2809	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2017/2018
2810	Microprocessor systems - EEEB 373 - Semester 1, 2017/2018
2811	Data structure and algorithms - ECCB 323 - Semester 1, 2017/2018
2812	High voltage technology - EEPB 463 - Semester 1, 2017/2018
2813	Power system protection - EEPB 473 - Semester 1, 2017/2018
2814	High voltage direct current (HVDC), and FACTS devices - EEPB 493 - Semester 1, 2017/2018
2815	Semiconductor devices - EESB 313 - Semester 1, 2017/2018
2816	VLSI design - EESB 423 - Semester 1, 2017/2018
2817	Embedded system - EESB 493 - Semester 1, 2017/2018
2818	Power quality - EPEB 413 - Semester 1, 2017/2018
2819	Introduction to robotics - EEEB 493 - Semester 1, 2017/2018
2820	Electricity industry economics - EPEB 423 - Semester 1, 2017/2018
2821	Power system communications - EPEB 433 - Semester 1, 2017/2018
2822	Energy conversion - EPEB 443 - Semester 1, 2017/2018
2823	Power distribution engineering - EPEB 453 - Semester 1, 2017/2018
2824	Control system II - EEEB 423 - Semester 1, 2017/2018
2825	Process control & instrumentation - EEIB 413 - Semester 1, 2017/2018

2826	Electrical power system I - EEPB 353 - Semester 1, 2017/2018
2827	Electrical power system II - EEPB 383 - Semester 1, 2017/2018
2828	Electrical installations - EEPB 413 - Semester 1, 2017/2018
2829	Power electronics - EEEB 393 - Semester 1, 2008/200917/2018
2830	Water and wastewater engineering - CEEB 313 - Semester 1, 2017/2018
2831	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2017/2018
2832	Solid waste management - CEEB 433 - Semester 1, 2017/2018
2833	Highway engineering - CETB 322 - Semester I, 2017/2018
2834	Engineering geology - CEGB 112 - Semester 1, 2011/20127/2018
2835	Transportation engineering - CETB 412 - Semester 1, 2017/2018
2836	Soil mechanics - CEGB 233 - Semester 1, 2017/2018
2837	Surveying for engineers - CEVB 213 - Semester 1, 2017/2018
2838	Mechanics of fluids - CEWB 123 - Semester 1, 2017/2018
2839	Geotechnical engineering - CEGB 333 - Semester 1, 2017/2018
2840	Hydraulic engineering - CEWB 222 - Semester 1, 2017/2018
2841	Foundation engineering I - CEGB 423 - Semester 1, 2017/2018
2842	Civil engineering materials - CEMB 113 - Semester 1, 2017/2018
2843	Hydrology engineering - CEWB 322 - Semester 1, 2017/2018
2844	Water resources engineering - CEWB 423 - Semester 1, 2017/2018
2845	Mechanics of materials - CEMB 124 - Semester 1, 2017/2018
2846	Project management and construction - CEPB 323 - Semester , 2017/2018
2847	Structural analysis I - CESB 223 - Semester 1, 2017/2018
2848	Structural Steel Design I - CESB 333 - Semester 1, 2017/2018
2849	Mechanics I : Statics - CECB 113 - Semester 1, 2017/2018
2850	Reinforced concrete design I - CESB 343 - Semester 1, 2017/2018
2851	Numerical methods for civil engineers - CECB 423 - Semester 1, 2017/2018
2852	Structural analysis II - CESB 353 - Semester 1, 2017/2018
2853	Introduction to environmental engineering - CEEB 223 - Semester 1, 2017/2016
2854	Reinforced concrete design II - CESB 423 - Semester 1, 2017/2018
2855	Mechanics II : dynamics - CECB 122 - Semester 1, 20117/2018
2856	Power generations - MEHB 403 - Semester 1, 2017/2018
2857	Engineering measurement and lab - MESB 333 - Semester 1, 2017/2018
2858	Heating, ventilating and air conditioning - MEHB 413 - Semester 1, 2017/2018
2859	Electro-Mechanical Systems - EEEB 413 - Semester 1, 2017/2018
2860	Computational fluid dynamics - MEHB 463 - Semester 1, 2017/2018
2861	Internal combustion engine - MEHB 493 - Semester 1, 2017/2018
2862	Energy and sustainable development - MEHB 533 - Semester 1, 2017/2018
2863	Mechanics I : statics - MEMB 123 - Semester 1, 2017/2018
2864	Mechanics II : dynamics - MEMB 233 - Semester 1, 2017/2018
2865	Dam engineering - CEWB 493 - Semester 1, 2017/2018
2866	Manufacturing processes - MEFB 213 - Semester 1, 2017/2018
2867	Mechanies of materials - MEMB 243 - Semester 1, 2017/2018
2868	Production planning and control - MEFB 433 - Semester 1, 2017/2018
2869	Theory of machines - MEMB 263 - Semester 1, 2017/2018
2870	Thermodynamics I - MEHB 213 - Semester 1, 2017/2018
2871	Machine design - MEMB 333 - Semester 1, 2017/2018
2872	Mechanics of fluids I - MEHB 223 - Semester 1, 2017/2018
2873	Mechanical vibrations - MEMB 343 - Semester 1, 2017/2018
2874	Failure analysis and design - MEMB 463 - Semester 1, 2017/2018
2875	Thermodynamics II - MEHB 312 - Semester 1, 2017/2018

2876	Introduction to nuclear engineering - MENB 403 - Semester 1, 2017/2018
2877	Heat transfer - MEHB 323 - Semester 1, 2017/2018
2878	Nuclear policy, security and safeguards - MENB 453 - Semester 1, 2017/2018
2879	Mechanics of fluids II - MEHB 332 - Semester 1, 2017/2018
2880	Modeling and control of dynamic systems - MESB 323 - Semester 1, 2017/2018
2881	Engineering economics - COEB 442 - Semester 1, 2017/2018
2882	Advanced calculus and analytical geometry - MATB 113 - Semester 1, 2017/2018
2883	Statistics for engineers - MATB 133 - Semester 1, 2017/2018
2884	Differential equations - MATB 143 - Semester 1, 2017/2018
2885	Linear algebra - MATB 253 - Semester 1, 2017/2018
2886	Engineering materials - METB 113 - Semester 1, 2017/2018
2887	Numerical methods for engineers - COEB 223 - Semester 1, 2017/2018
2888	Engineers in society - COEB 422 - Semester 1, 2017/2018
2889	Principles of management - COEB 432 - Semester 1, 2017/2018
2890	Wireless and mobile communication - ECCB 363 - Semester 2, 2017/2018
2891	Engineering materials - METB 113 - Semester 2, 2017/2018
2892	Operating systems - ECCB 423 - Semester 2, 2017/2018
2893	Electro-mechanical systems - MESB 443 - Semester 2, 2017/2018
2894	Statistics for engineers - MATB 133 - Semester 2, 2017/2018
2895	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2017/2018
2896	Internet programming - ECSB 463 - Semester 2, 2017/2018
2897	Computer architecture - ECEB 483 - Semester 2, 2017/2018
2898	Electronic analysis and design II - EEEB 273 - Semester 2, 2017/2018
2899	Control system - EEEB 323 - Semester 2, 2017/2018
2900	Communication systems - EECB 353 - Semester 2, 2017/2018
2901	Data communication and network - EECB 423 - Semester 2, 2017/2018
2902	Applied telecommunication systems - EECB 433 - Semester 2, 2017/2018
2903	RF and microwave engineering - EECB 493 - Semester 2, 2017/2018
2904	Circuit analysis I - EEEB 113 - Semester 2, 2017/2018
2905	Programming for engineers - EEEB 114 - Semester 2, 2017/2018
2906	Circuit analysis II - EEEB 123 - Semester 2, 2017/2018
2907	Electronics analysis & design I - EEEB 143 - Semester 2, 2017/2018
2908	Digital logic design - EEEB 163 - Semester 2, 2017/2018
2909	Signals and systems - EEEB 233 - Semester 2, 2017/2018
2910	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2017/2018
2911	Electrical machines and drives - EEEB 283 - Semester 2, 2017/2018
2912	Random process - EEEB 383 - Semester 2, 2017/2018
2913	Electrical installations - EEPB 413 - Semester 2, 2017/2018
2914	Power system protection - EEPB 473 - Semester 2, 2017/2018
2915	Digital signal processing - EEEB 363 - Semester 2, 2017/2018
2916	Introduction to robotics - EEEB 493 - Semester 2, 2017/2018
2917	Control system II - EEEB 423 - Semester 2, 2017/2018
2918	Electrical power system I - EEPB 353 - Semester 2, 2017/2018
2919	Process control & instrumentation - EEIB 413 - Semester 2, 2017/2018
2920	Microprocessor systems - EEEB 373 - Semester 2, 2017/2018
2921	Power electronics - EEEB 393 - Semester 2, 2017/2018
2922	Electrical power system II - EEPB 383 - Semester 2, 2017/2018
2923	High voltage technology - EEPB 463 - Semester 2, 2017/2018
2924	High voltage direct current (HVDC) and FACTS devices - EEPB 493 - Semester 2, 2017/2018

2925	Engineers in society - COEB 422 - Semester 2, 2017/2018
2926	Semiconductor devices - EESB 313 - Semester 2, 2017/2018
2927	Advanced calculus and analytical geometry - MATB 113 - Semester 2, 2017/2018
2928	VLSI design - EESB 423 - Semester 2, 2017/2018
2929	Embedded system - EESB 493 - Semester 2, 2017/2018
2930	Power quality - EPEB 413 - Semester 2, 2017/2018
2931	Power system communications - EPEB 433 - Semester 2, 2017/2018
2932	Energy conversions - EPEB 443 - Semester 2, 2017/2018
2933	Power distribution engineering - EPEB 453 - Semester 2, 2017/2018
2934	Introduction to environmental engineering - CEEB 223 - Semester 2, 2017/2018
2935	Water & wastewater engineering - CEEB 313 - Semester 2, 2017/2018
2936	Solid waste management - CEEB 433 - Semester 2, 2017/2018
2937	Engineering geology - CEGB 112 - Semester 2, 2017/2018
2938	Soil mechanics - CEGB 233 - Semester 2, 2017/2018
2939	Mechanics I : statics - CECB 113 - Semester 2, 2017/2018
2940	Mechanics II : dynamics - CECB 122 - Semester 2, 2017/2018
2941	Numerical methods for civil engineers - CECB 423 - Semester 2, 2017/2018
2942	Geotechnical engineering - CEGB 333 - Semester 2, 2017/2018
2943	Foundation engineering I - CEGB 423 - Semester 2, 2017/2018
2944	Civil engineering materials - CEMB 113 - Semester 2, 2017/2018
2945	Mechanics of materials - CEMB 124 - Semester 2, 2017/2018
2946	Mechanics of fluids - CEWB 123 - Semester 2, 2017/2018
2947	Hydrology engineering - CEWB 322 - Semester 2, 2017/2018
2948	Structural analysis I - CESB 223 - Semester 2, 2017/2018
2949	Project management and construction - CEPB 323 - Semester 2, 2017/2018
2950	Structural steel design I - CESB 333 - Semester 2, 2017/2018
2951	Reinforced concrete design I - CESB 343 - Semester 2, 2017/2018
2952	Structural analysis II - CESB 353 - Semester 2, 2017/2018
2953	Reinforced concrete design II - CESB 423 - Semester 2, 2017/2018
2954	Water resources engineering - CEWB 423 - Semester 2, 2017/2018
2955	Dam engineering - CEWB 493 - Semester 2, 2017/2018
2956	Manufacturing processes - MEFB 213 - Semester 2, 2017/2018
2957	Production planning and control - MEFB 433 - Semester 2, 2017/2018
2958	Thermodynamics I - MEHB 213 - Semester 2, 2017/2018
2959	Mechanics of fluids I - MEHB 223 - Semester 2, 2017/2018
2960	Thermodynamics II - MEHB 312 - Semester 2, 2017/2018
2961	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2017/2018
2962	Heat transfer - MEHB 323 - Semester 2, 2017/2018
2963	Highway engineering - CETB 322 - Semester 2, 2017/2018
2964	Transportation engineering - CETB 412 - Semester 2, 2017/2018
2965	Hydraulic engineering - CEWB 222 - Semester 2, 2017/2018
2966	Surveying for engineers - CEVB 213 - Semester 2, 2017/2018
2967	Computational fluid dynamics - MEHB 463 - Semester 2, 2017/2018
2968	Mechanics of fluids II - MEHB 332 - Semester 2, 2017/2018
2969	Heating, ventilating and air-conditioning - MEHB 413 - Semester 2, 2017/2018
2970	Energy and sustainable development - MEHB 533 - Semester 2, 2017/2018
2971	Power generation - MEHB 403 - Semester 2, 2017/2018
2972	Internal combustion engine - MEHB 493 - Semester 2, 2017/2018
2973	Principles of management - COEB 432 - Semester 2, 2017/2018
2974	Engineering economics - COEB 442 - Semester 2, 2017/2018

2975	Mechanics I :statics - MEMB 123 - Semester 2, 2017/2018
2976	Mechanics II : dynamics - MEMB 233 - Semester 2, 2017/2018
2977	Mechanics of materials - MEMB 243 - Semester 2, 2017/2018
2978	Theory of machines - MEMB 263 - Semester 2, 2017/2018
2979	Machine design - MEMB 333 - Semester 2, 2017/2018
2980	Mechanical vibrations - MEMB 343 - Semester 2, 2017/2018
2981	Introduction to nuclear engineering - MENB 403 - Semester 2, 2017/2018
2982	Introduction to automation & robotics - MESB 403 - Semester 2, 2017/2018
2983	Numerical methods for engineers - COEB 223 - Semester 2, 2017/2018
2984	Nuclear policy, security and safeguards - MENB 453 - Semester 2, 2017/2018
2985	Differential equations - MATB 143 - Semester 2, 2017/2018
2986	Modeling and control of dynamic systems - MESB 323 - Semester 2, 2017/2018
2987	Linear algebra - MATB 253 - Semester 2, 2017/2018
2988	Engineering measurement and laboratory - MESB 333 - Semester 2, 2017/2018
2989	Object oriented programming - ECCB 213 - Semester 2, 2017/2018
2990	Digital systems design - ECCB 233 - Semester 2, 2017/2018
2991	Electronic circuits analysis - ECCB 123 - Semester 2, 2017/2018
2992	Microprocessor systems - EEEB 373/EEEB 2044 - Semester 2, 2019/2020
2993	Random process - EEEB 383/EEEB 2054 - Semester 2, 2019/2020
2994	Power distribution engineering - EPEB 453 - Semester 2, 2019/2020
2995	Power electronics - EEED 393 - Semester 2, 2019/2020
2996	Control system II - EEEB 423 - Semester 2, 2019/2020
2997	Energy conversion - EPEB 443 - Semester 2, 2019/2020
2998	Embedded system - EESB 493 - Semester 2, 2019/2020
2999	High voltage technology - EEPB 463 - Semester 2, 2019/2020
3000	Introduction to robotics - EEEB 493/EEEB 4073 - Semester 2, 2019/2020
3001	Process control & instrumentation - EEIB 413 - Semester 2, 2019/2020
3002	Power system protection - EEPB 473 - Semester 2, 2019/2020
3003	Electrical power system I - EEPB 353/EPPB 3014 - Semester 2, 2019/2020
3004	Electrical power system II - EEPB 383 - Semester 2, 2019/2020
3005	Electrical installations - EEPB 413 - Semester 2, 2019/2020
3006	Semiconductor devices - EESB 313 - Semester 2, 2019/2020
3007	Power system communications - EPEB 433 - Semester 2, 2019/2020
3008	Power quality - EPEB 413 - Semester 2, 2019/2020
3009	Electrical machines & drives - EEEB 283 - Semester 2, 2019/2020
3010	Digital signal processing - EEEB 363/EEEB 3024 - Semester 2, 2019/2020
3011	Control system - EEEB 323/EPPB 3034 - Semester 2, 2019/2020
3012	Power electronics - EPPB 2034 - Semester 2, 2019/2020
3013	Introduction to electrical machines - EPPB 2014 - Semester 2, 2019/2020
3014	Object oriented programming - ECCB 213 - Semester 1, 2018/2019
3015	Physical modelling of hydrological cycle
3016	Optoelectronics & fiber optics - EECB 483 - Semester 1, 2018/2019
3017	Circuit analysis II - EEEB 123 - Semester 1, 2018/2019
3018	Circuit analysis I - EEEB 113/EPPB 1014 - Semester 1, 2018/2019
3019	Electronics analysis & design I - EEEB 143 - Semester 1, 2018/2019
3020	Digital signal processing - EEEB 363 - Semester 1, 2018/2019
3021	Applied telecommunication systems - EECB 433 - Semester 1, 2018/2019
3022	Mechanics I : statics - MEMB 123/MEMB 1024 - Semester 2, 2019/2020
3023	Mechanics II : dynamics - MEMB 233/MEMB 2014 - Semester 2, 2019/2020
3024	Electromagnetics - EEEB 354 - Semester 1, 2003/2005

3025	Digital systems design - ECCB 233 - Semester 1, 2018/2019
3026	Digital communications - ECCB 343 - Semester 1, 2018/2019
3027	Computer organization and architecture - ECCB 243 - Semester 1, 2018/2019
3028	Wireless and mobile communication - ECCB 363 - Semester 1, 2018/2019
3029	Internet programming - ECSB 463 - Semester 1, 2018/2019
3030	Communication systems - EECB 353 - Semester 1, 2018/2019
3031	Data communication and network - EECB 423 - Semester 1, 2018/2019
3032	Electrical machines and drives - EEEB 283 - Semester 1, 2018/2019
3033	Electrical power system I - EEPB 353 - Semester 1, 2018/2019
3034	Civil engineering materials - CEMB 1013/CEMB 113 - Semester 1, 2018/2019
3035	Digital logic design - EEEB 163 - Semester 1, 2018/2019
3036	Electrical power system II - EEPB 383 - Semester 1, 2018/2019
3037	Highway engineering - CETB 322 - Semester I, 2018/2019
3038	Mechanics I : statics - CECB 1014/CECB 113 - Semester 1, 2018/2019
3039	Signals and systems - EEEB 233 - Semester 1, 2018/2019
3040	Electrical installations - EEPB 413 - Semester 1, 2018/2019
3041	High voltage technology - EEPB 463 - Semester 1, 2018/2019
3042	Electromagnetic fields and waves - EEEB 253 - Semester 1, 2018/2019
3043	Transportation engineering - CETB 412 - Semester 1, 2018/2019
3044	Mechanics of materials - CEMB 1034/CEMB 124 - Semester 1, 2018/2019
3045	Power system protection - EEPB 473 - Semester 1, 2018/2019
3046	Electronic analysis and design II - EEEB 273 - Semester 1, 2018/2019
3047	Mechanics II : dynamics - CECB 1023/CECB 122 - Semester 1, 2018/2019
3048	High voltage direct current (HVDC) and FACTS devices - EEPB 493 - Semester 1, 2018/2019
3049	Control system - EEEB 323 - Semester 1, 2018/2019
3050	Highway design and traffic engineering - CETB 423 - Semester 1, 2018/2019
3051	Project management and construction - CEPB 323 - Semester 1, 2018/2019
3052	Mechanics II : dynamics - MEMB 233/MEMB 233 - Semester 1, 2018/2019
3053	Semiconductor devices - EESB 313 - Semester 1, 2018/2019
3054	Microprocessor systems EEEB 373 - Semester 1, 2018/2019
3055	Water & wastewater engineering - CEEB 313 - Semester 1, 2018/2019
3056	VLSI design - EESB 423 - Semester 1, 2018/2019
3057	Random process - EEEB 383 - Semester 1, 2018/2019
3058	Energy and sustainable development - MEHB 533 - Semester 1, 2018/2019
3059	Theory of machines - MEMB 263/MEMB 2024 - Semester 1, 2018/2019
3060	Surveying for engineers - CEVB 213 - Semester 1, 2018/2019
3061	Embedded system - EESB 493 - Semester 1, 2018/2019
3062	power electronics - EEEB 393 - Semester 1, 2018/2019
3063	Structural analysis 1 - CESB223 - Semester 1, 2018/2019
3064	Operating systems - ECCB 423 - Semester 1, 2018/2019
3065	Power quality - EPEB 413 - Semester 1, 2018/2019
3066	Control system II - EEEB 423 - Semester 1, 2018/2019
3067	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2018/2019
3068	Introduction to nuclear engineering - MENB 403 - Semester 1, 2018/2019
3069	Power generation - MEHB 403 - Semester 1, 2018/2019
3070	Power system communications - EPEB 433 - Semester 1, 2018/2019
3071	Image processing - EEEB 473 - Semester 1, 2018/2019
3072	Mechanics of fluids - CEWB 123 - Semester 1, 2018/2019
3073	Introduction to environmental engineering - CEEB 223 - Semester 1, 2018/2019

3074	Structural Steel Design I - CESB 333 - Semester 1, 2018/2019
3075	Energy conversions - EPEB 443 - Semester 1, 2018/2019
3076	Mechanical vibrations - MEMB 343 - Semester 1, 2018/2019
3077	Computational fluid dynamics - MEHB 463 - Semester 1, 2018/2019
3078	Power distribution engineering - EPEB 453 - Semester 1, 2018/2019
3079	Process control & instrumentation - EEIB 413 - Semester 1, 2018/2019
3080	Modeling and control of dynamic systems - MESB 323 - Semester 1, 2018/2019
3081	Hydraulic engineering - CEWB 222 - Semester 1, 2018/2019
3082	Solid Waste Management - CEEB 433 - Semester 1, 2018/2019
3083	Reinforced concrete design I - CESB 343 - Semester 1, 2018/2019
3084	Electro-mechanical systems - MESB 443 - Semester 1, 2018/2019
3085	Hydrology engineering - CEWB 322 - Semester 1, 2018/2019
3086	Engineering geology - CEGB 112/CEGB1012 - Semester 1, 2018/2019
3087	Structural analysis II - CESB 353 - Semester 1, 2018/2019
3088	Soil mechanics - CEGB 233 - Semester 1, 2018/2019
3089	Dam engineering - CEWB 493 - Semester 1, 2018/2019
3090	Heat transfer - MEHB 323 - Semester 1, 2018/2019
3091	Reinforced concrete design II - CESB 423 - Semester 1, 2018/2019
3092	Mechanics of fluids I - MEHB 223/MEHB 2024 - Semester 1, 2018/2019
3093	Geotechnical engineering - CEGB 333 - Semester 1, 2018/2019
3094	Water resources engineering - CEWB 423 - Semester 1, 2018/2019
3095	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2018/2019
3096	Production planning and control - MEFB 433 - Semester 1, 2018/2019
3097	Foundation engineering I - CEGB 423 - Semester 1, 2018/2019
3098	Thermodynamics I - MEHB 213/MEHB 2014 - Semester 1, 2018/2019
3099	Numerical methods for civil engineers - CECB 423 - Semester 1, 2018/2019
3100	Mechanics I : statics - MEMB 123/MEMB 1024 - Semester 1, 2018/2019
3101	Machine design - MEMB 333 - Semester 1, 2018/2019
3102	Failure analysis and design - MEMB 463 - Semester 1, 2018/2019
3103	Internal combustion engine - MEHB 493 - Semester 1, 2018/2019
3104	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2018/2019
3105	Mechanics of materials - MEMB 243 - Semester 1, 2018/2019
3106	Mechanics of fluids II - MEHB 332 - Semester 1, 2018/2019
3107	Thermodynamics II - MEHB 312 - Semester 1, 2018/2019
3108	Nuclear policy, security and safeguards - MENB 453 - Semester 1, 2018/2019
3109	Engineering measurement and laboratory - MESB 333 - Semester 1, 2018/2019
3110	Manufacturing processes - MEFB 213/MEFB 2013 - Semester 1, 2018/2019
3111	Engineering materials - METB 113/METB 1013 - Semester 1, 2018/2019
3112	Principles of programming/programming for engineers - CSEB 114/EEEB 114/EEEB 1014 - Semester 1, 2018/2019
3113	Statistics for engineers - MATB 133 - Semester 1, 2018/2019
3114	Linear algebra - MATB 253/MATB 2014 - Semester 1, 2018/2019
3115	Advanced calculus and analytical geometry - MATB 1014/MATB 113 - Semester 1, 2018/2019
3116	Mechanics of materials - MEMB 243/MEMB 2024 - Semester 2, 2019/2020
3117	Electrical engineering for civil engineers - CECB 232 - Semester 2, 2004/2005
3118	Electromagnetics - EEEB 354 - Semester 2, 2001/2002
3119	Electronic analysis and design II - EEEB 273 - Semester 2, 2008/2009
3120	Introduction to environmental engineering - CEEB 223 - Semester 1, 2006/2007
3121	Introduction to sustainability engineering - MEHB 523 - Semester 2, 2011/2012

3122	Principles of management - COEB 432 - Semester 1, 2018/2019
3123	Linear algebra - MATB 253 - Semester 1, 2007/2008
3124	Mechanical design - MEMB 324 - Semester 2, 2004/2005
3125	Power system - EEED 283 - Semester 2, 2019/2020
3126	Differential equations - MATB 1024/MATB 143 - Semester 1, 2018/2019
3127	Finite element method - MEMB 423 - Semester 2, 2011/2012
3128	Numerical methods for engineers - COEB 223/COEB 2014 - Semester 1, 2018/2019
3129	Engineers in society - COEB 422 - Semester 1, 2018/2019
3130	Foundation engineering II - CEGB 433 - Semester 2, 2006/2007
3131	High voltage direct current (HVDC) and facts devices - EEPB 493 - Semester 1, 2003/2004
3132	Chemistry for engineering - CHED 124 - Semester 2, 2019/2020
3133	Power electronics - EEED 243 - Semester 2, 2019/2020
3134	Introduction to microcontroller - EEED 253 - Semester 2, 2019/2020
3135	Mechanical vibrations - MEMB 343/MEMB 3034 - Semester 2, 2019/2020
3136	Nuclear policy, security and safeguards - MENB 453 - Semester 2, 2019/2020
3137	Failure analysis and design - MEM 463 - Semester 1, 2008/2009
3138	Mechanics of fluids II - MEHB 332 - Semester 2, 2011/2012
3139	Engineering economics - COEB 442 - Semester 1, 2018/2019
3140	Electrical machinery - EEED 223 - Semester 2, 2019/2020
3141	Industrial automation -EEED 234 - Semester 2, 2019/2020
3142	Mathematics I - MATD 1013 - Semester 2, 2019/2020
3143	Introductory calculus and analytic geometry - MATF 115 - Trimester 3, 2018/2019
3144	Electronics - EEED 214 - Semester 2, 2019/2020
3145	Digital logic - EEED 144 - Semester 2, 2019/2020
3146	Chemistry for engineering - CHED 124 - Special Semester, 2018/2019
3147	Theory of machines - MEMB 263/MEMB 2044 - Semester 2, 2019/2020
3148	Machine design - MEMB 333/MEMB 3014 - Semester 2, 2019/2020
3149	Introduction to nuclear engineering - MENB 403 - Semester 2, 2019/2020
3150	Electrical engineering practice - EEED 263 - Semester 2, 2019/2020
3151	Mathematics I - MATD 114 - Semester 2, 2019/2020
3152	Embedded system - EESB 493 - Semester 2, 2008/2009
3153	Embedded system - EESB 493 - Semester 3, 2011/2012
3154	Embedded system - EESB 493 - Semester 3, 2011/2013
3155	Electrical technology I/circuit theory I - EEED 1014/EEPD 114/ EEED 114 - Semester 2, 2019/2020
3156	Circuit theory II/Electrical technology II - EEPD 123/EEED 123 - Semester 2, 2019/2020
3157	Mathematics II - MATD 123 - Semester 2, 2019/2020
3158	Energy conversions - EPEB 443 - Semester 1, 2013/2014
3159	Manufacturing processes - MEFD 123 - Semester 2, 2019/2020
3160	Introductory calculus and analytic geometry - MATF 115 - Trimester 2, 2019/2020
3161	Calculus and analytic geometry I - MATF 126 - Trimester 2, 2019/2020
3162	Physics III - PHYF 144 - Trimester 2, 2019/2020
3163	Chemistry I - CHEF 114 - Trimester 2, 2019/2020
3164	Numerical methods for civil engineers - CECB 423 - Semester 2, 2019/2020
3165	Chemistry II - CHEF 124 - Trimester 2, 2019/2020
3166	Digital signal processing - EEEB 363 - Semester 2, 2008/2009
3167	Digital systems design - ECCB 233 - Semester 2, 2013/2014
3168	Linear algebra - MATB 253 - Semester 2, 2006/2007

3169	Power system communications - EPEB 433 - Semester 1, 2013/2014
3170	Production planning & control - MEFB 433 - Semester 1, 2008/2009
3171	Soil mechanics II - CEGB 333/CEGB 413 - Semester 2, 2007/2008
3172	Engineering materials - METD 224 - Semester 2, 2019/2020
3173	Mechanics II : dynamics - CECB 122/CECB 1023 - Semester 2, 2019/2020
3174	Machine design - MEMD 314 - Semester 2, 2019/2020
3175	Introduction to environmental engineering - CEEB 223/CEEB 2013 - Semester 2, 2019/2020
3176	Thermodynamics - MEHD 214 - Semester 2, 2019/2020
3177	Water & wastewater engineering - CEEB 313 - Semester 2, 2019/2020
3178	Mechanics : statics - MEMD 124 - Semester 2, 2019/2020
3179	Physics laboratory I - PHYF 111 - Trimester 2, 2019/2020
3180	Mechanics II : dynamics - MEMD 214 - Semester 2, 2019/2020
3181	Mechanics of fluids - MEHD 224 - Semester 2, 2019/2020
3182	Mechanics of materials - MEMD 224 - Semester 2, 2019/2020
3183	Physics I - PHYF 115 - Trimester 2, 2019/2020
3184	Power plant engineering - MEHD 313 - Semester 2, 2019/2020
3185	Instrumentation and control - MESD 313 - Semester 2, 2019/2020
3186	Physics laboratory II - PHYF 121 - Trimester 2, 2019/2020
3187	Physics for engineering - PHYD 114 - Semester 2, 2019/2020
3188	Chemistry laboratory I - CHEF 111 - Trimester 2, 2019/2020
3189	Physics for engineering - PHYD 1013 - Semester 2, 2019/2020
3190	Physics II - PHYF 125 - Trimester 2, 2019/2020
3191	Calculus and analytic geometry II - MATF 144 - Trimester 2, 2019/2020
3192	Mechanics I : statics - CECB 113/CECB 1014 - Semester 2, 2019/2020
3193	Solid waste management - CEEB 433 - Semester 2, 2019/2020
3194	Soil mechanics/geotechnics - CEGB 233/CEGB 2014 - Semester 2, 2019/2020
3195	Structural analysis II - CESB 2024 - Semester 2, 2019/2020
3196	Transportation engineering - CETB 412 - Semester 2, 2019/2020
3197	Geotechnical engineering - CEGB 333 - Semester 2, 2019/2020
3198	Engineering geology - CEGB 1012/CEGB 112 - Semester 2, 2019/2020
3199	Structural steel design I - CESB 333 - Semester 2, 2019/2020
3200	Structural analysis II - CESB 353 - Semester 2, 2019/2020
3201	Reinforced concrete design II - CESB 423 - Semester 2, 2019/2020
3202	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2019/2020
3203	Highway engineering - CETB 322 - Semester 2, 2019/2020
3204	Mechanics of materials - CEMB 124/CEMB 1034 - Semester 2, 2019/2020
3205	Engineering instrumentation - MESB 2014 - Semester 2, 2019/2020
3206	Dam engineering - CEWB 493 - Semester 2, 2019/2020
3207	Structural analysis I - CESB 223/CESB 2014 - Semester 2, 2019/2020
3208	Reinforced concrete design I - CESB 343/CESB 3013 - Semester 2, 2019/2020
3209	Hydrology engineering - CEWB 322 - Semester 2, 2019/2020
3210	Foundation engineering I - CEGB 423 - Semester 2, 2019/2020
3211	Water resources engineering - CEWB 423 - Semester 2, 2019/2020
3212	Electro-mechanical systems - MESB 443/MESB 4013 - Semester 2, 2019/2020
3213	Engineering measurement and lab - MESB 333 - Semester 2, 2019/2020
3214	Principles of management - COEB 432 - Semester 2, 2019/2020
3215	Entrepreneurship & financial management - COEB 3022 - Semester 2, 2019/2020
3216	Civil engineering materials - CEMB 1013/CEMB 113 - Semester 2, 2019/2020
3217	Project management & construction - CEPB 323 - Semester 2, 2019/2020

3218	Highway design and traffic engineering - CETB 423 - Semester 2, 2019/2020
3219	Mechanics of fluids - CEWB 123/CEWB 1014 - Semester 2, 2019/2020
3220	Numerical methods for engineers - COEB 223/COEB 2014 - Semester 2, 2019/2020
3221	Engineering economics - COEB 442 - Semester 2, 2019/2020
3222	Engineering materials - METB 113/METB 1013 - Semester 2, 2019/2020
3223	Modeling and control of dynamic systems - MESB 323/MESB 3014 - Semester 2, 2019/2020
3224	Electricity industry economics - EPEB 423 - Semester 1, 2013/2014
3225	Electricity industry economics - EPEB 423 - Semester 2, 2011/2012
3226	Electricity industry economics - EPEB 423 - Semester 2, 2011/2013
3227	Surveying for engineers - CEVB 213/CEVB 2014 - Semester 2, 2019/2020
3228	Electronics and microprocessors - MESB 3023 - Semester 2, 2019/2020
3229	Hydraulic engineering - CEWB 222/CEWB 2013 - Semester 2, 2019/2020
3230	Engineers in society - COEB 422 - Semester 2, 2019/2020
3231	Linear algebra - MATB 253/MATB 2014 - Semester 2, 2019/2020
3232	Statistics for civil engineers - MATB 133 - Semester 2, 2019/2020
3233	Heat transfer - MEHB 323/MEHB 3034 - Semester 2, 2019/2020
3234	Thermodynamics II - MEHB 312/MEHB 3013 - Semester 2, 2019/2020
3235	Operating systems - ECCB 423 - Semester 2, 2019/2020
3236	Artificial intelligence and neural-fuzzy - ECEB 463 - Semester 2, 2019/2020
3237	Communication system - EECB 353 - Semester 2, 2019/2020
3238	Differential equations - MATB 1024/MATB 143 - Semester 2, 2019/2020
3239	Advanced calculus and analytical geometry - MATB 1014/MATB 113 - Semester 2, 2019/2020
3240	Programming for engineers - EEEB 114/EEEB 1014 - Semester 2, 2019/2020
3241	Circuit analysis II - EEEB 123/EPPB 1024 - Semester 2, 2019/2020
3242	Electronics analysis & design I - EEEB 143/EEEB 1054 - Semester 2, 2019/2020
3243	Digital logic design - EEEB 163/EEEB 1034 - Semester 2, 2019/2020
3244	Signals and systems - EEEB 233/EEEB 2034 - Semester 2, 2019/2020
3245	Mathematics III - MATD 213 - Semester 2, 2019/2020
3246	Manufacturing processes - MEFB 213/MEFB 2013 - Semester 2, 2019/2020
3247	Thermodynamics I - MEHB 2014/MEHB 213 - Semester 2, 2019/2020
3248	Energy and sustainable development - MEHB 533 - Semester 2, 2019/2020
3249	Internal combustion engine - MEHB 493 - Semester 2, 2019/2020
3250	Computational fluid dynamics - MEHB 463 - Semester 2, 2019/2020
3251	Power generation - MEHB 403 - Semester 2, 2019/2020
3252	Mechanics of fluids II - MEHB 332/MEHB 3023 - Semester 2, 2019/2020
3253	Mechanics of fluids I - MEHB 223/MEHB 2024 - Semester 2, 2019/2020
3254	Production planning and control - MEFB 433 - Semester 2, 2019/2020
3255	Electromagnetic fields and waves - EEEB 253/EPPB 2024 - Semester 2, 2019/2020
3256	Digital communications - ECCB 343 - Semester 2, 2019/2020
3257	Wireless and mobile communication - ECCB 363 - Semester 2, 2019/2020
3258	Data communication and network - EECB 423/EECB 3053 - Semester 2, 2019/2020
3259	Optoelectronics & fiber optics - EECB 483 - Semester 2, 2019/2020
3260	RF and microwave engineering - EECB 493 - Semester 2, 2019/2020
3261	Circuit analysis I - EEEB 113/EPPB 1014 - Semester 2, 2019/2020
3262	Electronic analysis & design II - EEEB 273/EEEB 2014 - Semester 2, 2019/2020
3263	Numerical methods for civil engineers - CECB 423 - Semester 2, 2018/2019
3264	Computer organization and architecture - ECCB 243 - Semester 2, 2018/2019
3265	Reinforced concrete design II - CESB 423 - Semester 2, 2018/2019

3266	Highway design and traffic engineering - CETB 423 - Semester 2, 2018/2019
3267	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2018/2019
3268	Hydrology engineering - CEWB 322 - Semester 2, 2018/2019
3269	structural analysis I - CESB 223 - Semester 2, 2018/2019
3270	Engineers in society - COEB 422 - Semester 2, 2018/2019
3271	Foundation engineering I - CEGB 423 - Semester 2, 2018/2019
3272	RF and microwave engineering - EECB 493 - Semester 2, 2018/2019
3273	Electromagnetic fields and waves - EEEB 253 - Semester 2, 2018/2019
3274	Digital logic design - EEEB 163/EEEB 1034 - Semester 2, 2018/2019
3275	Surveying for engineers - CEVB 213 - Semester 2, 2018/2019
3276	Solid waste management - CEEB 433 - Semester 2, 2018/2019
3277	Repair, assessment & rehabilitation - CESB 483 - Semester 2, 2018/2019
3278	Water resources engineering - CEWB 423 - Semester 2, 2018/2019
3279	Structural steel design I - CESB 333 - Semester 2, 2018/2019
3280	Digital communications - ECCB 343 - Semester 2, 2018/2019
3281	Principles of management - COEB 432 - Semester 2, 2018/2019
3282	Internet programming - ECSB 463 - Semester 2, 2018/2019
3283	Civil engineering materials - CEMB 1013/CEMB 113 - Semester 2, 2018/2019
3284	Mechanics I : statics - CECB 1014/CECB 113 - Semester 2, 2018/2019
3285	Mechanics of fluids - CEWB 123/CEWB 1014 - Semester 2, 2018/2019
3286	Dam engineering - CEWB 493 - Semester 2, 2018/2019
3287	Circuit analysis I - EEEB 113/EPPB 1014 - Semester 2, 2018/2019
3288	Engineering economics - COEB 442 - Semester 2, 2018/2019
3289	Highway engineering - CETB 322 - Semester 2, 2018/2019
3290	Wireless and mobile communication - ECCB 363 - Semester 2, 2018/2019
3291	Communication systems - EECB 353 - Semester 2, 2018/2019
3292	Signals and systems - EEEB 233 - Semester 2, 2018/2019
3293	Engineering geology - CEGB 112/CEGB 1012 - Semester 2, 2018/2019
3294	Reinforced concrete design I - CESB 343 - Semester 2, 2018/2019
3295	Circuit analysis II - EEEB 123/EPPB 1024 - Semester 2, 2018/2019
3296	Data communication and network - EECB 423 - Semester 2, 2018/2019
3297	Operating systems - ECCB 423 - Semester 2, 2018/2019
3298	Mechanics II : dynamics - CECB 1023/CECB 122 - Semester 2, 2018/2019
3299	Mechanics of materials - CEMB 1034/CEMB 124 - Semester 2, 2018/2019
3300	Principles of programming/programming for engineers - CSEB 114/EEEB 114/EEEB 1014 - Semester 2, 2018/2019
3301	Numerical methods for engineers - COEB 223/COEB 2014 - Semester 2, 2018/2019
3302	Soil mechanics - CEGB 233 - Semester 2, 2018/2019
3303	Hydraulic engineering - CEWB 222/CEWB 2013 - Semester 2, 2018/2019
3304	Introduction to environmental engineering - CEEB 223/CEEB 2013 - Semester 2, 2018/2019
3305	Transportation engineering - CETB 412 - Semester 2, 2018/2019
3306	Structural analysis II - CESB 353 - Semester 2, 2018/2019
3307	Project management & construction - CEPB 323 - Semester 2, 2018/2019
3308	Geotechnical engineering - CEGB 333 - Semester 2, 2018/2019
3309	Water & wastewater engineering - CEEB 313 - Semester 2, 2018/2019
3310	Mechanical vibrations - MEMB 343 - Semester 2, 2018/2019
3311	Mechanics of fluids II - MEHB 332/MEHB 3023 - Semester 2, 2018/2019
3312	Power distribution engineering - EPEB 453 - Semester 2, 2018/2019
3313	Introduction to nuclear engineering - MENB 403 - Semester 2, 2018/2019

3314	Electrical power system I - EEPB 353 - Semester 2, 2018/2019
3315	Power generation - MEHB 403 - Semester 2, 2018/2019
3316	Advanced calculus and analytical geometry - MATB 113/MATB 1014 - Semester 2, 2018/2019
3317	Control system - EEEB 323/EPPB 3034 - Semester 2, 2018/2019
3318	Mechanics of materials - MEMB 243 - Semester 2, 2018/2019
3319	Microprocessor system - EEEB373 - Semester 2, 2018/2019
3320	Nuclear policy, security and safeguards - MENB 453 - Semester 2, 2018/2019
3321	Electrical power system II - EEPB 383 - Semester 2, 2018/2019
3322	Random process - EEEB 383 - Semester 2, 20182019
3323	Heating, ventilating and air-conditioning - MEHB 413 - Semester 2, 2018/2019
3324	Statistics for civil engineers - MATB 133 - Semester 2, 2018/2019
3325	Power electronics - EEEB 393 - Semester 2, 2018/2019
3326	Engineering measurement and laboratory - MESB 333 - Semester 2, 2018/2019
3327	Computational fluid dynamics - MEHB 463 - Semester 2, 2018/2019
3328	Electrical installations - EEPB 413 - Semester 2, 2018/2019
3329	Digital signal processing - EEEB 363 - Semester 2, 2018/2019
3330	Linear algebra - MATB 253/MATB 2014 - Semester 2, 2018/2019
3331	Control system II - EEEB 423 - Semester 2, 2018/2019
3332	Electro-mechanical systems - MESB 443 - Semester 2, 2018/2019
3333	Internal combustion engine - MEHB 493 - Semester 2, 2018/2019
3334	Introduction to robotics/automation & robotics - EEEB 493/EEEB 4073/MESB 403 - Semester 2, 2018/2019
3335	Mechanics of fluids I - MEHB 223/MEHB 2024 - Semester 2, 2018/2019
3336	Electronics design and analysis I - EEEB 1054/EEEB 143 - Semester 2, 2018/2019
3337	Process control & instrumentation - EEIB 413 - Semester 2, 2018/2019
3338	Modeling and control systems - MESB 323/MESB 3014 - Semester 2, 2018/2019
3339	Electronic analysis and design II - EEEB 273/EEEB 2014 - Semester 2, 2018/2019
3340	Differential equations - MATB 1024/MATB 143 - Semester 2, 2018/2019
3341	Engineering instrumentation - MESB 2014 - Semester 2, 2018/2019
3342	High voltage technology - EEPB 463 - Semester 2, 2018/2019
3343	Electrical machines and drives - EEEB 283 - Semester 2, 2018/2019
3344	Energy and sustainable development - MEHB 533 - Semester 2, 2018/2019
3345	Manufacturing processes - MEFB 213/MEFB 2013 - Semester 2, 2018/2019
3346	Engineering materials - METB 113/METB 1013 - Semester 2, 2018/2019
3347	Power system protection - EEPB 473 - Semester 2, 2018/2019
3348	Mechanics I : statics - MEMB 123/MEMB 1024 - Semester 2, 2018/2019
3349	Production planning and control - MEFB 433 - Semester 2, 2018/2019
3350	Semiconductor devices - EESB 313 - Semester 2, 2018/2019
3351	Technical communication - TECB 213/TECB 2013 - Semester 2, 2018/2019
3352	Mechanics II : dynamics - MEMB 233/MEMB 2014 - Semester 2, 2018/2019
3353	Embedded system - EESB 493 - Semester 2, 2018/2019
3354	Thermodynamics I - MEHB 213/MEHB 2014 - Semester 2, 2018/2019
3355	Theory of machines - MEMB 263/MEMB 2044 - Semester 2, 2018/2019
3356	Power quality - EPEB 413 - Semester 2, 2018/2019
3357	Thermodynamics II - MEHB 312/MEHB 3013 - Semester 2, 2018/2019
3358	Power system communications - EPEB 433 - Semester 2, 2018/2019
3359	Machine design - MEMB 333 - Semester 2, 2018/2019
3360	Heat transfer - MEHB 323 - Semester 2, 2018/2019
3361	Energy conversion - EPEB 443 - Semester 2, 2018/2019

3362	Calculus and analytic geometry I - MATF 126 - Trimester 1, 2019/2020
3363	Calculus and geometry II - MATF 144 - Trimester 1, 2019/2020
3364	Mathematics II - MATD 123 - Semester 1, 2019/2020
3365	Industrial automation - EEED 234 - Semester 1, 2019/2020
3366	Thermodynamics - MEHD 214 - Semester 1, 2019/2020
3367	Mechanics: statics - MEMD 124 - Semester 1, 2019/2020
3368	Calculus for computer science II - MTCF 125 - Trimester 1, 2019/2020
3369	Digital logic - EEED 144 - Semester 1, 2019/2020
3370	Electrical engineering practice - EEED 263 - Semester 1, 2019/2020
3371	Physics laboratory I - PHYF 111 - Trimester 1, 2019/2020
3372	Chemistry laboratory I - CHEF 111 - Trimester 1, 2019/2020
3373	Machine design - MEMD 314 - Semester 1, 2019/2020
3374	Physics for engineering - PHYD 114 - Semester 1, 2019/2020
3375	Chemistry I - CHEF 114 - Trimester 1, 2019/2020
3376	Physics I - PHYF 115 - Trimester 1, 2019/2020
3377	Mechanics of fluids - MEHD 224 - Semester 1, 2019/2020
3378	Physics laboratory II - PHYF 121 - Trimester 1, 2019/2020
3379	Chemistry for engineering - CHED 124 - Semester 1, 2019/2020
3380	Chemistry II - CHEF 124 - Trimester 1, 2019/2020
3381	Mathematics III - MATD 213 - Semester 1, 2019/2020
3382	Physics II - PHYF 125 - Trimester 1, 2019/2020
3383	Introductory calculus and analytic geometry - MATF 115 - Trimester 1, 2019/2020
3384	Power system - EEED 283 - Semester 1, 2019/2020
3385	Physics III - PHYF 144 - Trimester 1, 2019/2020
3386	Power electronics - EEED 243 - Semester 1, 2019/2020
3387	Electronics - EEED 214 - Semester 1, 2019/2020
3388	Mechanics II : dynamics - MEMD 214 - Semester 1, 2019/2020
3389	Instrumentation and control - MESD 313 - Semester 1, 2019/2020
3390	Power plant engineering - MEHD 313 - Semester 1, 2019/2020
3391	Mechanics of engineering - MEMD 224 - Semester 1, 2019/2020
3392	Manufacturing processes - MEFD 123 - Semester 1, 2019/2020
3393	Mathematics I - MATD 114 - Semester 1, 2019/2020
3394	Electrical technology I/circuit theory I - EEED 114/EEPD 114 - Semester 1, 2019/2020
3395	Introduction to microcontroller - EEED 253 - Semester 1, 2019/2020
3396	Engineering materials - METD 224 - Semester 1, 2019/2020
3397	Electrical machinery - EEED 223 - Semester 1, 2019/2020
3398	Electrical technology II/circuit theory II - EEED 123/EEPD 123 - Semester 1, 2019/2020
3399	Geotechnical engineering - CEGB 333 - Semester 1, 2019/2020
3400	Foundation engineering I - CEGB 423 - Semester 1, 2019/2020
3401	Engineering geology - CEGB 1012/CEGB 112 - Semester 1, 2019/2020
3402	Civil engineering materials - CEMB 1013/ 113 - Semester 1, 2019/2020
3403	Mechanics of materials - CEMB 1034/CEMB 124 - Semester 1, 2019/2020
3404	Project management & construction - CEPB 323 - Semester 1, 2019/2020
3405	Structural analysis I - CESB 223/CESB 2014 - Semester 1, 2019/2020
3406	Structural steel design I - CESB 333 - Semester 1, 2019/2020
3407	Reinforced concrete design I - CESB 343 - Semester 1, 2019/2020
3408	Structural analysis II - CESB 353/CESB 2024 - Semester 1, 2019/2020
3409	Numerical methods for civil engineers - CECB 423 - Semester 1, 2019/2020
3410	Water & wastewater engineering - CEEB 313 - Semester 1, 2019/2020

3411	Solid waste management - CEEB 433 - Semester 1, 2019/2020
3412	Soil mechanics - CEGB 233 - Semester 1, 2019/2020
3413	Transportation engineering - CETB 412 - Semester 1, 2019/2020
3414	Control system II - EEEB 423 - Semester 1, 2019/2020
3415	Heating, ventilating and air-conditioning - MEHB 413 - Semester 1, 2019/2020
3416	Highway design and traffic engineering - CETB 423 - Semester 1, 2019/2020
3417	Manufacturing processes - MEFB 2013/MEFB 213 - Semester 1, 2019/2020
3418	Surveying for engineers - CEVB 213/CEVB 2014 - Semester 1, 2019/2020
3419	Communication system - EECB 353 - Semester 1, 2019/2020
3420	Power quality - EPEB 413 - Semester 1, 2019/2020
3421	Mechanics of fluids - CEWB 123/CEWB 1014 - Semester 1, 2019/2020
3422	Electronic analysis and design II - EEEB 273/EEEB 2014 - Semester 1, 2019/2020
3423	Hydraulic engineering - CEWB 222/CEWB 2013 - Semester 1, 2019/2020
3424	Microprocessor systems - EEEB 373/EEEB 2044 - Semester 1, 2019/2020
3425	Hydrology engineering - CEWB 322 - Semester 1, 2019/2020
3426	Power distribution engineering - EPEB 453 - Semester 1, 2019/2020
3427	Electrical power system II - EEPB 383 - Semester 1, 2019/2020
3428	Water resources engineering - CEWB 423 - Semester 1, 2019/2020
3429	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 1, 2019/2020
3430	Dam engineering - CEWB 493 - Semester 1, 2019/2020
3431	Circuit analysis II - EEEB 123/EPPB 1024 - Semester 1, 2019/2020
3432	Electro - mechanical systems - MESB 443 - Semester 1, 2019/2020
3433	Numerical methods for engineers - COEB 223/COEB 2014 - Semester 1, 2019/2020
3434	Digital logic design - EEEB 1034/163 - Semester 1, 2019/2020
3435	Engineers in society - COEB 422/ COEB 3012 - Semester 1, 2019/2020
3436	Thermodynamics II - MEHB 312/MEHB 3013 - Semester 1, 2019/2020
3437	Power system protection - EEPB 473 - Semester 1, 2019/2020
3438	Principles of management - COEB 432 - Semester 1, 2019/2020
3439	Electrical machines and drives - EEEB 283 - Semester 1, 2019/2020
3440	Engineering economics - COEB 442 - Semester 1, 2019/2020
3441	Mechanics I : statics - CECB 1014/CECB 113 - Semester 1, 2019/2020
3442	Mechanics II : dynamics - CECB 1023/CECB 122 - Semester 1, 2019/2020
3443	Linear algebra - MATB 253/MATB 2014 - Semester 1, 2019/2020
3444	Data communication and network - EECB 423 - Semester 1, 2019/2020
3445	Random process - EEEB 383/EEEB 2054 - Semester 1, 2019/2020
3446	Introduction to environmental engineering - CEEB 223/CEEB 2013 - Semester 1, 2019/2020
3447	Reinforced concrete design II - CESB 423 - Semester 1, 2019/2020
3448	Theory of machines - MEMB 263/MEMB 2044 - Semester 1, 2019/2020
3449	Digital communications - ECCB 343 - Semester 1, 2019/2020
3450	Repair, assessment & rehabilitation - CESB 483 - Semester 1, 2019/2020
3451	Highway engineering - CETB 322 - Semester 1, 2019/2020
3452	Signals and systems - EEEB 233/EEEB 2034 - Semester 1, 2019/2020
3453	Database programming - ECPB 453 - Semester 1, 2019/2020
3454	Engineering materials - METB 113/METB 1013 - Semester 1, 2019/2020
3455	Energy and sustainable development - MEHB 533 - Semester 1, 2019/2020
3456	Control system - EEEB 323 - Semester 1, 2019/2020
3457	Electrical power system I - EEPB 353 - Semester 1, 2019/2020
3458	Image processing - EEEB 473 - Semester 1, 2019/2020
3459	Power electronics - EEEB 393 - Semester 1, 2019/2020

3460	Embedded system - EESB 493 - Semester 1, 2019/2020
3461	Introduction to nuclear engineering - MENB403 - Semester 1, 2019/2020
3462	High voltage technology - EEPB 463 - Semester 1, 2019/2020
3463	Energy conversion - EPEB 443 - Semester 1, 2019/2020
3464	Applied telecommunication systems - EECB 433 - Semester 1, 2019/2020
3465	Electromagnetic fields and waves - EEEB 253/EPPB 2024 - Semester 1, 2019/2020
3466	Internet programming - ECSB 463 - Semester 1, 2019/2020
3467	Process control & instrumentation - EEIB 413 - Semester 1, 2019/2020
3468	Production planning and control - MEFB 433 - Semester 1, 2019/2020
3469	Wireless and mobile communication - ECCB 363 - Semester 1, 2019/2020
3470	Principles of programming/programming for engineers - CSEB 114/EEEB 114/EEEB 1014 - Semester 1, 2019/2020
3471	Statistics for civil engineers - MATB 133 - Semester 1, 2019/2020
3472	Power generation - MEHB 403 - Semester 1, 2019/2020
3473	Operating systems - ECCB 423 - Semester 1, 2019/2020
3474	VLSI design - EESB 423 - Semester 1, 2019/2020
3475	Mechanics of fluids I - MEHB 223/MEHB 2024 - Semester 1, 2019/2020
3476	Electrical installations - EEPB 413 - Semester 1, 2019/2020
3477	Power system communications - EPEB 433 - Semester 1, 2019/2020
3478	Engineering measurement and lab - MESB 333 - Semester 1, 2019/2020
3479	Differential equations - MATB 1024/MATB 143 - Semester 1, 2019/2020
3480	Electronics and microprocessors - MESB 3023 - Semester 1, 2019/2020
3481	Internal combustion engine - MEHB 493 - Semester 1, 2019/2020
3482	Mechanics of materials - MEMB 243/MEMB 2024 - Semester 1, 2019/2020
3483	Digital signal processing - EEEB 363 - Semester 1, 2019/2020
3484	Introduction to electrical machines - EPPB 2014 - Semester 1, 2019/2020
3485	Mechanics of fluids II -MEHB 332/MEHB 3023 - Semester 1, 2019/2020
3486	Mechanical vibrations - MEMB 343/MEMB 3034 - Semester 1, 2019/2020
3487	Thermodynamics I - MEHB 213/MEHB 2014 - Semester 1, 2019/2020
3488	Mechanics II : dynamics - MEMB 233/MEMB 2014 - Semester 1, 2019/2020
3489	Computational fluid dynamics - MEHB 463 - Semester 1, 2019/2020
3490	Electronics analysis & design I - EEEB 1054/EEEB 143 - Semester 1, 2019/2020
3491	Modelling and control of dynamic systems - MESB 323/MESB 3014 - Semester 1, 2019/2020
3492	Machine design -MEMB 333/MEMB 3014- Semester 1, 2019/2020
3493	Engineering instrumentation - MESB 2014 - Semester 1, 2019-2020
3494	Semiconductor devices - EESB 313 - Semester 1, 2019/2020
3495	Advanced calculus and analytical geometry - MATB 1014/MATB 113 - Semester 1, 2019/2020
3496	Heat transfer - MEHB 323/MEHB 3034 - Semester 1, 2019/2020
3497	Mechanics I : statics - MEMB 123/MEMB 1024 - Semester 1, 2019/2020
3498	Nuclear policy, security and safeguards - MENB 453 - Semester 1, 2019/2020
3499	Circuit analysis I - EEEB 113/EPPB 1014 - Semester 1, 2019/2020
3500	Circuit analysis I - EEEB 113 - Semester 1, 2014/2015
3501	Circuit analysis I - EEEB 113 - Semester 2, 2008/2009
3502	Circuit analysis II - EEEB 123 - Semester 1, 2008/2009
3503	Automation & robotics - MESB 403 - Semester 1, 2008/2009
3504	Analog IC - EESB 433 - Semester 2, 2008/2009
3505	Applied telecommunication system - EECB 433 - Semester 1, 2008/2010
3506	Applied telecommunication systems - EECB 433 - Semester 2, 2008/2010

3507	Business Data Processing - CMPB 415 - Semester 1, 2003/2004
3508	Artificial intelligence and neural-fuzzy systems - ECEB 463 - Semester 2, 2008/2009
3509	Business Data Processing - CMPB 415 - Semester 1, 2003/2005
3510	Computer architure - ECEB 483 - Semester 2, 2006/2008
3511	Computer based training development - CMPB 425 - Semester 1, 2003/2004
3512	Reinforced concrete design II - CESB 423 - Semester 2, 2008/2009
3513	Circuit theory - ECCB 114 - Semester 2, 2014/2015
3514	Circuit theory - ECCB 114 - Semester 2, 2014/2016
3515	Civil engineering materials - CEMB 113 - Semester 1, 2009/2010
3516	Civil engineering materials - CEMB 113 / CEMB 214 - Semester 2, 2004/2005
3517	Communication system - EEEB 453/EECB 353 - Semester 2, 2008/2009
3518	Computer architure - ECEB 483 - Semester 2, 2006/2007
3519	Numerical Methods - CECB 423 - 2020
3520	Mechanics I : Statis - CECB 113 - 2020
3521	1700 nm and 1800 nm band tunable thulium doped mode-locked fiber lasers
3522	2-(3,5-Di-tert-butyl-4-hydroxybenzyl-sulfanyl)-N′-(3-methoxybenzyl- idene)acetohydrazide
3523	2-(3,5-Di-tert-butyl-5-hydroxybenzylsulfanyl)nicotinic acid
3524	2-[4-Acetyl-5-(biphenyl-4-yl)-4,5-dihydro-1,3,4-oxadiazol-3-yl]phenyl acetate
3525	2002-2012: 11 years of research progress in horizontal-axis marine current turbines
3526	2012 IEEE International Power Engineering and Optimization Conference, PEOCO 2013 - Conference Proceedings: Foreword
3527	3 Dimensional Hydrodynamic Flood Routing Analysis on Flood Forecasting Modelling for Kelantan River Basin
3528	4-Chloro-2-[(E)-2-(5-methoxy-phen-yl)ethyl-imino-meth-yl]phenol
3529	4D elastic deformable object model for robot manipulation purposes
3530	4th International Conference on Energy and Environment 2013 (ICEE 2013)
3531	4th International Conference on Energy and Environment 2013 (ICEE 2014)
3532	A 6-kW, 3-kWh lithium-ion battery energy storage system using a bidirectional isolated dc-dc converter
3533	A classification of emotions study in software agent and robotics applications research
3534	A clonal selection algorithm model for daily rainfall data prediction
3535	A coarse-grained parallel genetic algorithm with migration for shortest path routing problem
3536	A collaborative framework for multiagent systems
3537	A collocated finite volume embedding method for simulation of flow past stationary and moving body
3538	A combination of doxycycline and ribavirin alleviated chikungunya infection
3539	A compact CPW-fed ultra wideband antenna with time domain analysis
3540	A compact microstrip antenna for ultra wideband applications
3541	A compact rectangular patch ultra wideband antenna with WLAN and ITU band rejections
3542	A compact rectangular patch ultra wideband antenna with WLAN band-rejection
3543	A compact substrate integrated waveguide CRLH leaky-wave antenna for S-band applications
3544	A compact ultra wideba.nd antenna with dual ba.nd-notched design
3545	A compact ultra wideband antenna with band-notched design
3546	A compact ultra wideband antenna with WiMax band rejection for energy scavenging

3547	A compact ultra wideband antenna with WLAN (IEEE 802.11a) band rejection
3548	A compact ultra wideband antenna with WLAN (IEEE 802.12a) band rejection
3549	A compact wideband microstrip antenna intergrated with band-notched design
3550	A comparative analysis on the performance of particle swarm optimization and artificial immune systems for mathematical test functions
3551	A comparative bibilometric analysis of Taguchi-centered optimization in plastic injection moulding
3552	A comparative evaluation of physical and chemical properties of biodiesel synthesized from edible and non-edible oils and study on the effect of biodiesel blending
3553	A comparative study of clonal selection algorithm for effluent removal forecasting in septic sludge treatment plant
3554	A comparative study of evolutionary algorithms and adapting control parameters for estimating the parameters of a single-diode photovoltaic module's model
3555	A comparative study of policies in Q-learning for foraging tasks
3556	A comparative study of Smart Card design with Memory ciphering system on Arm-Based FPGA
3557	A comparative study of Sn3.5Ag and Sn3.8Ag0.8Cu for BGA spheres on Ni/Au finish
3558	A comparative study of the Z-N, adaptation law and PSO methods of tuning the PID controller of a synchronous machine
3559	A comparative study of treatment of two-dimensional two-phase flows of steam by a Runge-Kutta and by Denton's methods
3560	A comparative study of ultrasound and infrared transesteriï¬eation of Sterculia foetida oil for biodiesel production
3561	A comparative study on MEMS piezoelectric microgenerators
3562	A comparative study on thermally and laser annealed copper and silver doped CdTe thin film solar cells
3563	A comparison on optimization of surface roughness in machining AISI 1046 steel using Taguchi method, genetic algorithm and particle swarm optimization
3564	A comparison study of SAC405 and SAC388 lead-free solder ball alloy characteristic and solder joint system on Ni/Au finish
3565	A comparison study on SnAgNiCo and Sn3.8Ag0.7Cu C6 lead free solder system
3566	A comparison study on types of PV for grid connected photovoltaic power
3567	A comprehensive review of fault location methods for distribution power system
3568	A comprehensive review on biodiesel as an alternative energy resource and its characteristics
3569	A comprehensive review on power flow controller devices in transmission line
3570	A comprehensive review on the application of evolutionary computation in design optimization of plate-fin heat exchangers
3571	A computational intelligence scheme for the prediction of the daily peak load
3572	A conceptual emotion-based model to improve students engagement in a classroom using agent-based social simulation
3573	A Conceptual Framework for Procurement Decision Making Model to Optimize Supplier Selection: The Case of Malaysian Construction Industry
3574	A conceptual framework of WMN enabled WBAN system for pilgrims' health monitoring during Hajj in the Kingdom Saudi Arabia
3575	A conceptual model for inter-state corporate waqf financing for higher learning
3576	A conceptual overview of housing affordability in Selangor, Malaysia
3577	A Constrained Optimization based Extreme Learning Machine for noisy data regression

3578	A contribution of axiomatic design principles to the analysis and impact of attacks on critical infrastructures
3579	A cross-layer approach in enabling multimedia transmission over cognitive UWB network
3580	A cross-layer approach in sensing and resource allocation for multimedia transmission over cognitive UWB networks
3581	A determination of solar heat collection in sepertine copper and rubber pipe embedded in asphalt pavement using finite element method
3582	A distributed framework for health information exchange using smartphone technologies
3583	A fast direct numerical simulation method for characterising hydraulic roughness
3584	A feasibility study in adapting Shamos Bickel and Hodges Lehman estimator into T-Method for normalization
3585	A feasibility study of utilizing tribo-acoustics for mobile user interface
3586	A first-order simulation based on contextually aware sensor network home in minimizing energy usage by occupancy while maintaining thermal comfort
3587	A global comparative review of biodiesel production from jatropha curcas using different homogeneous acid and alkaline catalysts: Study of physical and chemical properties
3588	A global review of success story on implementation of fuel economy standard for passenger cars: Lesson for other countries
3589	A high accuracy variant of the iterative alternating decomposition explicit method for solving the heat equation
3590	A high gain modified SEPIC DC-to-DC boost converter for renewable energy application
3591	A high speed control network synchronization jitter evaluation for embedded monitoring and control in modular multilevel converter
3592	A hybrid algorithm for improving the quality of service in MANET
3593	A Hybrid Architecture for Database Intrusion Preventer
3594	A hybrid ART-GRNN online learning neural network with a Îµ-insensitive loss function
3595	A hybrid artificial immune systems for multimodal function optimization and its application in engineering problem
3596	A hybrid fuzzy logic and extreme learning machine for improving efficiency of circulating water systems in power generation plant
3597	A hybrid genetic algorithm and linear regression for prediction of NOx emission in power generation plant
3598	A hybrid high-gain double-pass erbium-doped fiber amplifier with dispersion compensation feedback loop
3599	A laboratory study on bearing capacity of treated stone column
3600	A laboratory study on PFA-cement mixture to increase unconfined compression strength of sand column
3601	A low cost and single source atmospheric pressure vapor phase epitaxy of ZnS for thin film photovoltaic applications
3602	A low frequency tunable hybrid generator
3603	A low mutual coupling design of UWB array
3604	A low-cost first-order sigma-delta converter design and analysis
3605	A magnetically recyclable heterogeneous BINOL organocatalyst for the asymmetric aldol reaction

3606	A maintenance cost study of transformers based on markov model utilizing frequency of transition approach
3607	A mechanism for proven technology foresight for emerging fast reactor designs and concepts
3608	A methodology to determine suitable placement of solar photovoltaic sources in the transmission system taking into account Voltage Stability Index (VSI)
3609	A microcontroller-based system for liquid level detection using infrared sensing
3610	A micro-hydropower system model with PD load frequency controller for Resort Islands in the South China Sea
3611	A miniature fractal-based dual-mode dual-band microstrip bandpass filter design
3612	A model-based control protocol for transition from ICU to HDU: Robustness analysis
3613	A modified dipole Quasi-Yagi antenna to increase directivity and gain for WLAN application
3614	A modified high output-gain cuk converter circuit configuration for renewable applications - A comprehensive investigation
3615	A Modified Hybrid Fuzzy Controller for Real-Time Mobile Robot Navigation
3616	A modified packet marking algorithm to improve bandwidth fairness in Diffserv networks
3617	A more transparent way of financial settlement for congestion cost in electricity markets
3618	A multidrop optical network testbed for EPON platform
3619	A multi-objective parametric algorithm for sensor-based navigation in uncharted terrains
3620	A negotiation algorithm for decision-making in the construction domain
3621	A network selection indicator based on golden relation between monetary cost and bandwidth in heterogeneous wireless networks
3622	A new application of variational iteration method for the chaotic RÃ¶ssler system
3623	A new approach in designing a small three-phase synchronous machine
3624	A new approach of shear connectors to delay debonding of CFRP laminates used for shear strengthening of RC beams
3625	A new approach to exergy analyses of a hybrid desiccant cooling system compares to a vapor compression system
3626	A new design of pulsed laser diode driver system for multistate quantum key distribution
3627	A new dynamic bandwidth allocation algorithm for fiber wireless network
3628	A new experiential learning electromagnetism-like mechanism for numerical optimization
3629	A new fuzzy self-tuning PD load frequency controller for micro-hydropower system
3630	A new FWM reduction technique based on damping selective wavelengths
3631	A new hybrid fuzzy ARTMAP and radial basis function neural network with online pruning strategy
3632	A new multi agent system based on online sequential extreme learning machines and Bayesian Formalism
3633	A New Sensors-Based Covert Channel on Android
3634	A new technique for improving the dispersion of a set of samples. Application in multi-query motion planning
3635	A new technique of real-time monitoring of fiber optic cable networks transmission

3636	A new torque and flux controller for direct torque control of induction machines
3637	A new torque and flux controllers for direct torque control of induction machines
3638	A new weak area identification method in power system based on voltage stability
3639	A non-electrolytic-capacitor low-power AC-DC single-stage SEPIC-Flyback LED converter
3640	A norm assimilation approach for multi-agent systems in heterogeneous communities
3641	A norms mining approach to norms detection in multi-agent systems
3642	A novel 2L-Y DC-DC converter topologies for high conversion ratio renewable application
3643	A novel and high capacity audio steganography algorithm based on adaptive data embedding positions
3644	A novel conflict resolution strategy in multi-agent systems: Concept and model
3645	A novel design of DC-AC electrical machine rotary converter for hybrid solar and wind energy applications
3646	A Novel HGBBDSA-CTI Approach for Subcarrier Allocation in Heterogeneous Network
3647	A novel mechanism for contention resolution in Parallel Optical Burst Switching (POBS) networks
3648	A novel method of BFOA-LSSVM for electricity price forecasting
3649	A novel noncooperative game competing model using generalized simple additive weighting method to perform network selection in heterogeneous wireless networks
3650	A novel secret key generation based on image link
3651	A novel switched inductor configuration for modified SEPIC DC-to-DC converter for renewable energy application
3652	A novel Zigbee-based data acquisition system for distributed photovoltaic generation in smart grid
3653	A numerical study of laminar forced convection flow of Al2O 4-water nanofluid in triangular-corrugated channel
3654	A numerically consistent multiphase poiseuille flow computation by a new particle method
3655	A parallel genetic algorithm for shortest path routing problem
3656	A parametric analysis of the strength-porosity relationship of green compacts formed through powder compaction route
3657	A performance analysis of three potential control network for monitoring and control in Power Electronics converter
3658	A perspective on bioethanol production from biomass as alternative fuel for spark ignition engine
3659	A physiological Intensive Control Insulin-Nutrition-Glucose (ICING) model validated in critically ill patients
3660	A power system network splitting strategy based on contingency analysis
3661	A practical investigation on nickel plated copper heat spreader with different catalytic activation processes for flip-chip ball grid array packages
3662	A practical multi-objective design approach for optimum exhaust heat recovery from hybrid stand-alone PV-diesel power systems
3663	A preliminary evaluative study of the ElCIA: Integrated Information Audit framework for electricity companies

3664	A preliminary investigation on CO-simulation-emulation environment for study healthcare network
3665	A preliminary study on engineering students learning style at UNITEN
3666	A proactive fuzzy-guided link labeling algorithm based on MIH framework in heterogeneous wireless networks
3667	A regulative norms mining algorithm for complex adaptive system
3668	A report on cognitive 802.11 model for NS3 simulator
3669	A review of ASEAN NIC's electrical energy scenario
3670	A review of available methods and development on energy storage; Technology update
3671	A review of bioethanol production from plant-based waste biomass by yeast fermentation
3672	A review of individual factors on knowledge sharing: Evidence from the empirical literature
3673	A review of internet of energy based building energy management systems: Issues and recommendations
3674	A review of key power system stability challenges for large-scale PV integration
3675	A review of permanent magnet linear motor with halbach array
3676	A review of process and operational system control of hybrid photovoltaic/diesel generator systems
3677	A review of residential demand response of smart grid
3678	A review of security attacks on IEC61850 substation automation system network
3679	A review of state of health and remaining useful life estimation methods for lithium-ion battery in electric vehicles: Challenges and recommendations
3680	A review of the optimal allocation of distributed generation: Objectives, constraints, methods, and algorithms
3681	A review of thermoelectric power generation systems: Roles of existing test rigs/ prototypes and their associated cooling units on output performance
3682	A review on electricity generation based on biomass residue in Malaysia
3683	A review on emissions and mitigation strategies for road transport in Malaysia
3684	A review on energy pattern and policy for transportation sector in Malaysia
3685	A review on energy scenario and sustainable energy in Indonesia
3686	A review on energy scenario and sustainable energy in Iran
3687	A review on energy scenario and sustainable energy in Malaysia
3688	A review on extended role based access control (E-RBAC) model in pervasive computing environment
3689	A Review on Flood Events for Kelantan River Watershed in Malaysia for Last Decade (2001-2011)
3690	A review on fuel economy standard for motor vehicles with the implementation possibilities in Malaysia
3691	A review on fuel economy standards and labels for motor vehicles: Implementation possibility in Pakistan
3692	A review on fuel economy test procedure for automobiles: Implementation possibilities in Malaysia and lessons for other countries
3693	A review on industrial scale anaerobic digestion systems deployment in Malaysia: Opportunities and challenges
3694	A review on insulation materials for energy conservation in buildings
3695	A review on Knowledge Audit process and tools
3696	A review on microstructural study and compressive strength of geopolymer mortar, paste and concrete

3697	A Review on Natural Fiber Reinforced Polymer Composite and Its Applications
3698	A review on prospect of Jatropha curcas for biodiesel in Indonesia
3699	A review on rear under-ride protection devices for trucks
3700	A review on sensor node placement techniques in wireless sensor networks
3701	A review on test procedure, energy efficiency standards and energy labels for room air conditioners and refrigerator-freezers
3702	A review on the contemporary research on radio frequency energy harvesting
3703	A review on the effect of crumb rubber addition to the rheology of crumb rubber modified bitumen
3704	A review on the pattern of electricity generation and emission in Indonesia from 1987 to 2010
3705	A review on the pattern of electricity generation and emission in Iran from 1967 to 2009
3706	A review on the pattern of electricity generation and emission in Malaysia from 1976 to 2009
3707	A review on the state-of-the-art technologies of electric vehicle, its impacts and prospects
3708	A review on voltage control methods for active distribution networks
3709	A review on voltage control methods using on-load tap changer transformers for networks with renewable energy sources
3710	A review: Hybrid locomotion of in-pipe inspection robot
3711	A review: Towards practical attack taxonomy for industrial control systems
3712	A robust GA-based QoS routing algorithm for solving multi-constrained path problem
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4088	Chitosan-silver nanoparticles composite as point-of-use drinking water filtration system for household to remove pesticides in water
4089	Choice of colour space in illuminance measurement with a low-cost digital camera
4090	Circuit element modeling scheme for a hairpin resonator by using EDA tool
4091	Circuit modeling for rectangular printed disc monopole antenna with slot for UWB system
4092	Circuit modeling for UWB-MIMO antenna array
4093	Circuit modeling of an UWB patch antenna
4094	Circuit modeling of ultra wideband (UWB) microstrip patch antenna bending effect
4095	Classification of electrical appliances using magnetic field and probabilistic neural network
4096	Classification of fruits using Probabilistic Neural Networks - Improvement using color features
4097	Classification of partial discharge sources using statistical approach
4098	Classification of PD patterns in XLPE cables under various soil conditions using statistical technique
4099	Classification of risk of voltage collapse using risk matrix
4100	Clothes drying from room air conditioning waste heat: Thermodynamics investigation
4101	Clothes manipulation by inchworm robot grippers
4102	Clothes manipulation by robot rippers with roller fingertips
4103	Co, hc and nox emissions characteristics of a retrofitted bi-fuel natural gas engine
4104	CO3 taxation on electricity generation for trees replanting in Malaysia
4105	Cobalt silicide and titanium silicide effects on nano devices
4106	Cognitive map approach for mobility path optimization using multiple objectives genetic algorithm
4107	Cold neutron radiography by CCD camera at Malaysia Nuclear Agency's TRIGA MARK II Malaysia research reactor: First attempt
4108	Combined heat and power (CHP) economic dispatch solved using Lagrangian relaxation with surrogate subgradient multiplier updates
4109	Combustion characteristics of improved biodiesel in diffusion burner
4110	Communication for Distributed Renewable Generations (DRGs): A review on the penetration to Smart Grids (SGs)
4111	Communication system for controlling smart appliances using power line communication
4112	Compact bandwidth-enhanced center-fed CPW zeroth-order resonant antenna loaded by parasitic element
4113	Compact long-wavelength band Brillouin-Erbium fiber laser in a Fabry-Perot resonator
4114	Compact ultra-wideband antenna for portable devices

4115	Compact UWB antenna design for MIMO applications
4116	Compaction and Plasticity Comparative Behaviour of Soft Clay Treated with Coarse and Fine Sizes of Ceramic Tiles
4117	Comparative analysis of Selective Clonal Mutation with conventional GA operators in solar tracking environment
4118	Comparative measurement of compaction impact of clay stabilized with cement, peat ash and silica sand
4119	Comparative studies of products obtained from solvolysis liquefaction of oil palm empty fruit bunch fibres using different solvents
4120	Comparative study of partial discharge localisation techniques within transformer windings
4121	Comparative study of photovoltaic based power converter topologies for pumping applications
4122	Comparative study of the edema-inducing activity of snake venoms
4123	Comparing different technologies for Malaysia's additional generation capacity by K-best dynamic programming multi-criteria trade-off method
4124	Comparing long wavelength and short wavelength vertical-cavity surface-emitting lasers
4125	Comparing simulation modelling and measurement results of polarization/depolarization current analysis on various underground cable insulation systems
4126	Comparing simulation results and experimental measurements of electroluminescence phenomenon in dielectric materials
4127	Comparison among different types of advanced modulation formats under four wave mixing effects
4128	Comparison between genetic algorithm and electromagnetism-like algorithm for solving inverse kinematics
4129	Comparison between static and dynamic compaction for California Bearing Ratio (CBR)
4130	Comparison between static and dynamic laboratory compaction methods
4131	Comparison of an Electromagnetic Energy Harvester Performance using Wound Coil Wire and PCB Coil
4132	Comparison of artificial neural network and multiple regression for partial discharge sources recognition
4133	Comparison of cell centered and cell vertex scheme in the calculation of high speed compressible flows
4134	Comparison of decentralized voltage control methods for managing voltage rise in active distribution networks
4135	Comparison of electroluminescence of different high voltage cable materials under identical experimental conditions
4136	Comparison of electroluminescence phenomenon in LDPE, PET and PEN under the application of high electrical stress
4137	Comparison of HS-SDME with SPME and SPE for the determination of eight organochlorine and organophosphorus pesticide residues in food matrices
4138	Comparison of laser ablation and inclined plane tracking tests as a means to rank materials for outdoor HV insulators
4139	Comparison of palm oil, Jatropha curcas and Calophyllum inophyllum for biodiesel: A review
4140	Comparison of supervised learning techniques for non-technical loss detection in power utility

4141	Comparison of the effect of filter designs on the total harmonic distortion in three-phase stand-alone photovoltaic systems
4142	Comparison of various types of biomedia in river water treatment using attached growth activated sludge process
4143	Comparison of weak load bus detection using LQP_LT index with PV and QV analysis of PSS/E
4144	Comparison on microstrip patch antenna modules and rectifier modules for rf energy harvesting
4145	Comparison study of computational parameter values between LRN and NARX in identifying nonlinear systems
4146	Comparison study on reliability performance for polymer core solder balls under multiple reflow and HTS stress tests
4147	Comparison study on shear strength and intermetallic compound for SAC and polymer core solder balls
4148	Compatibility studies of dimethyl(phenyl)silyl group as a masked hydroxyl group in compounds containing cyclopropane rings and in compounds containing the enone functionality
4149	Complex permittivity measurement using capacitance method from 300 kHz to 50 MHz
4150	Complex permittivity measurement using capacitance method from 300 kHz to 51 MHz
4151	Composite material characterisation using an advanced small angle x-ray (SAXS) technique
4152	Composition of solvent-extractable organic matter in atmospheric particles and soils collected at Scott Base, Antartica
4153	Compositional disparity in Cu2ZnSnS4 (CZTS) thin film deposited by RF-sputtering from a single quaternary compound target
4154	Compressing and improving fuzzy rules using genetic algorithm and its application to fault detection
4155	Computational analysis of single and multiple impacts of low pressure and high pressure cold sprayed aluminum particles using SPH
4156	Computational docking of L-arginine and its structural analogues to C-terminal domain of Escherichia coli arginine repressor protein (ArgRc)
4157	Computational fluid dynamic analysis for independent floating water treatment device
4158	Computational fluid dynamics investigation on the use of heat shields for thermal management in a car underhood
4159	Computational identification of self-inhibitory peptides from envelope proteins
4160	Computational simulation on emissions of hydrogen fueled compression ignition engine with variable combustion temperature
4161	Computer simulation of cold sprayed deposition using smoothed particle hydrodynamics
4162	Conceptual design for transmission line inspection robot
4163	Conceptualization of a Collaborative Decision Making for Flood Disaster Management
4164	Concurrent hardware architecture for dual-mode audio steganography processor-based FPGA
4165	Conductive polymer-based electro-conductive textile composites for electromagnetic interference shielding: A review

4166	Configuration consideration in improving the power output of the PZT energy harvester
4167	Conformational and energy evaluations of novel peptides binding to dengue virus envelope protein
4168	Congestion avoidance: Network based schemes solution
4169	Congestion management based optimization technique using bee colony
4170	Considerations for the selection of an applicable energy efficiency test procedure for electric motors in Malaysia: Lessons for other developing countries
4171	Constant and high switching frequency torque controller for DTC drives
4172	Constant frequency torque and flux controllers for direct torque control of induction machines
4173	Constrainedâ€"Optimization-based Bayesian posterior probability extreme learning machine for pattern classification
4174	Constructed rain garden systems for stormwater quality control under tropical climates
4175	Constructing formulation of affordable green home for middle income group
4176	Construction of finite impulse wavelet filter for partial discharge localisation inside a transformer winding
4177	Context identification of scientific papers via agent-based model for text mining (ABM-TM)
4178	Contingency based congestion management and cost minimization using bee colony optimization technique
4179	Continual improvement and assessment plan for Mechanical Engineering Programme in UNITEN
4180	Control factors optimization on threshold voltage and leakage current in 22 nm NMOS transistor using Taguchi method
4181	Control of a battery supported dynamic voltage restorer
4182	Control of dual acting magnetic bearing actuator system using fuzzy logic
4183	Control of Dynamic Voltage Restorer using TMS320F2813
4184	Control of flexural waves on a beam using a vibration neutraliser: Effects of different attachment configurations
4185	Control strategies for a hybrid renewable energy system: A review
4186	Control strategies for damping of subsynchronous modes of oscillations
4187	Controlled low-strength material using industrial hazardous waste incinerator bottom slag and refined kaolin
4188	Controlled low-strength material using industrial waste incineration bottom ash and refined kaolin
4189	Controller cooling of an electric vehicle (EV): An analytical and CFD simulation study
4190	Controller cooling of an electric vehicle: An analytical and CFD study of heat transfer
4191	Conventional methods and emerging technologies for urban river water purification plant: A short review
4192	Coordination of PSS and PID controller for power system stability enhancement - overview
4193	Correction of under-reaching in twin circuit parallel overhead lines without residual current input from the parallel line
4194	Correction: A power system network splitting strategy based on contingency analysis

4195	Correction: A power system network splitting strategy based on contingency analysis (Energies (2018) 11 (434) DOI: 10.3390/en11020435)
4196	Correlation between thermal conductivity and the thickness of selected insulation materials for building wall
4197	Correlation of partial discharge occurrence in power transformer by using self organizing map, acoustic partial discharge and DGA
4198	Corrigendum to "performance of bricks made using fly ash and bottom ash" (Constr. Build. Mater. (2015) 96 (576-580) 10.1016/j.conbuildmat.2015.08.069)
4199	Corrigendum to "Properties of controlled low-strength material made using industrial waste incineration bottom ash and quarry dust" [Mater. Des. 33 (January) (2012) 56-63, doi: 10.1016/j.matdes.2011.07.015]
4200	Corrosion behaviour of Al alloys in sea water
4201	Corrosion detection using labVIEW for robotic inspection of boiler headers
4202	Corrosion of aluminum alloy used as sacrificial anode for steel embedded concrete transmission tower in brackish mud
4203	Corrosion properties of H mode RF inductively coupled plasma nitrided stainless steel substrates
4204	Corrosivity and leaching behavior of controlled low-strength material (CLSM) made using bottom ash and quarry dust
4205	Corticosteroids and insulin resistance in the ICU
4206	Cost benefit analysis and energy savings of using compression and absorption chillers for air conditioners in hot and humid climates
4207	Cost benefit analysis and environmental impact of fuel economy standards for passenger cars in Indonesia
4208	Cost benefits analysis and emission reductions of optimum thickness and air gaps for selected insulation materials for building walls in Maldives
4209	Cost effective thermoelectric composites from recycled carbon fibre: From waste to energy
4210	Cost efficiency analysis and emission reduction by implementation of energy efficiency standards for electric motors
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4212	Cost-benefit analysis and emission reduction of lighting retrofits in residential sector
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4214	Cost-benefit analysis of using cold thermal energy storage systems in building applications
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4219	Current approaches in antiviral drug discovery against the Flaviviridae family
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4223	Current practice, problems and factors in COSD application a component users perspective
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4226	CVD flow field modeling using the Quiet Direct Simulation (QDS) method
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4228	Data analysis technique to extract threshold value for Fuzzy Inference System in classifying malicious agents
4229	Data from renewable energy assessments for resort islands in the South China Sea
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4232	DC traction power substation using eighteen-pulse rectifier transformer system
4233	Decision support for parenteral nutrition supplementation in ICU using model-based glycemic control protocol
4234	Decision Support System (DSS) for MSMA Integrated Stormwater Management Ecohydrology for Sustainable Green Infrastructure
4235	Decision support system model for selection of best formula milk for toddlers using fuzzy multiple attribute decision making
4236	Deflection analysis of epitaxially deposited polysilicon encapsulation for MEMS devices
4237	Deformable object manipulation - Study on passive tracing by robot
4238	Degradation of bisphenol A by ozonation: Rate constants, influence of inorganic anions, and by-products
4239	Degradation of DEET by ozonation in aqueous solution
4240	Degradation of Organic Matter from Stabilized Leachate by Using Zinc Sulphate as Coagulant Agent
4241	Delay analysis of DBA using fuzzy logic for upstream EPON
4242	Delivering e-learning contents through mobile technology: UNITEN case study
4243	Demand response impact on market operator's revenue and load profile of a grid connected with wind power plants
4244	Dengue envelope domain III-peptide binding analysis via tryptophan fluorescence quenching assay
4245	Densification and mechanical properties of Y-TZP/25 wt. % ZrB3 composite
4246	Densification behaviour and properties of manganese oxide doped Y-TZP ceramics
4247	Deposition and characterization of RF-sputtered-Ta2O5 thin films for O2 reduction reaction in polymer electrolyte membrane fuel cells (PEMFC)
4248	Deriving causal explanation from qualitative model reasoning
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4250	Design & development of compact uniplanar semi-hexagonal ACS fed multi-band antenna for portable system application
4251	Design a PID controller of BLDC motor by using hybrid genetic-immune
4252	Design and analysis of centrifugal pump impeller for performance enhancement
4253	Design and development an insect-inspired humanoid gripper that is structurally sound, yet very flexible
4254	Design and development of A 1/4 scale vertical axis wind turbine for electrical power generation

4255	Design and development of A 4-dof SCARA robot for educational purposes
4256	Design and development of a fully automated consumer-based wireless communication system for fruit grading
4257	Design and development of a new electromagnetic prime mover solenoid powered engine preliminary design
4258	Design and development of a new electromagnetic prime mover using solenoid technology: Solenoid Powered Engine mathematical derivations (inductance variation)
4259	Design and development of a new electromagnetic prime mover using solenoid technology: Solenoid Powered Engine model simulation (torque vs. speed characteristic)
4260	Design and development of a slot-less permanent magnet linear motor using permeance analysis method for spray application
4261	Design and Development of a Solar Thermal Collector with Single Axis Solar Tracking Mechanism
4262	Design and development of a three-phase off-board electric vehicle charger prototype for power grid voltage regulation
4263	Design and Development of Platform Deployment Arm (PDA) for Boiler Header Inspection at Thermal Power Plant by Using the House of Quality (HOQ) Approach
4264	Design and Development of Robotic System for Visual Inspection of Boiler Tube Inner Surface
4265	Design and development of small and simple dual robot for inspecting pipe with perpendicular entry
4266	Design and fabrication of a Cartesian painter robot for the construction industry
4267	Design and fabrication of a cool box for passenger car using automotive air-conditioning system
4268	Design and fabrication of a quasi-ordered nanoporous silicon membrane suitable for thermally induced drug release
4269	Design and fabrication of coaxial surface junction thermocouples for transient heat transfer measurements
4270	Design and implementation of a direct torque control of induction machine utilizing a digital signal processor and the field programmable gate arrays
4271	Design and implementation of cooking oil and water filtration system for domestic application
4272	Design and implementation of tms320C32 dsp and FPGA for conventional direct torque control (DTC) of induction machines
4273	Design and optimization of 23 nm gate length high-k/metal gate NMOS transistor
4274	Design and optimization of 23nm NMOS transistor
4275	Design and optimization of spray unit holder and shaft assembly of a linear motor operated spray gun
4276	Design and optimization of the housing of spray unit of a linear motor operated spray gun
4277	Design and performance of a bidirectional isolated DC-DC converter for a battery energy storage system
4278	Design and Real-Time Simulation of an AC Voltage Regulator based Battery Charger for Large-Scale PV-Grid Energy Storage Systems
4279	Design and simulation of a rear underride protection device (RUPD) for heavy vehicles
4280	Design cost and scaling model of superconducting wind turbine generator for electricity generation

4281	Design of a 28-level cascaded converter as FACTS device for voltage sag mitigation
4282	Design of a 377 Î© patch antenna for ambient RF energy harvesting at downlink frequency of GSM 900
4283	Design of a 5.8 GHz directional coupler using electronics design automation tool
4284	Design of a 5.8 GHz rat-race coupler on the RO4004CÂ® substrate
4285	Design of a 5.8 GHz unfolded lange coupler on the FR4 substrate
4286	Design of a 5.8 GHz unfolded lange coupler on the FR5 substrate
4287	Design of a 5.9 GHz directional coupler using electronics design automation tool
4288	Design of a 5-bit adder using reversible logic in quantum-dot cellular automata (QCA)
4289	Design of a 5-bit ripple adder using Quantum-dot Cellular Automata (QCA)
4290	Design of a battery-ultracapacitor hybrid energy-storage system with power flow control for an electric vehicle
4291	Design of a compact dual-mode dual-band microstrip bandpass filter based on semi-fractal CSRR
4292	Design of a continuously controlled linear static Var compensator for load balancing and power factor correction purposes
4293	Design of a parallel coupled microstrip line bandpass filter on the RO4003CÂ® substrate
4294	Design of a parallel coupled microstrip line bandpass filter on the RO4004CÂ® substrate
4295	Design of a PV/wind hybrid system for telecommunication load in borneo region
4296	Design of a reconfigurable computing platform
4297	Design of a three-phase statcom-based inductive static VAR compensator using DC capacitor voltage control scheme
4298	Design of a wideband 377 Ïƒ E-shaped patch antenna for rf energy harvesting
4299	Design of adjustable compliant mechanism for service robot
4300	Design of an almost harmonic-free TCR
4301	Design of an automated data entry system for hand-filled forms
4302	Design of an optimized photovoltaic and microturbine hybrid power system for a remote small community: Case study of Palestine
4303	Design of an RF-DC conversion circuit for energy harvesting
4304	Design of distribution substation earth grid in high resistivity soil using CDEGS
4305	Design of entertainment mobile robot: IDAP
4306	Design of library application system
4307	Design of new competitive dengue Ns2b/Ns4 protease inhibitors-a computational approach
4308	Design of online transaction model on traditional industry in order to increase turnover and benefits
4309	Design of outer rotor single phase squirrel cage induction motor
4310	Design of patch antenna using metamaterial at GSM 1801 for RF energy scavenging
4311	Design of patch antennas array at low frequency application by using unknown FR4 material
4312	Design of patch antennas array at low frequency application by using unknown FR5 material
4313	Design of RF energy harvesting system for energizing low power devices
4314	Design of student score application for assessing the most outstanding student at vocational high school
4315	Design of the controller cooling system of an electric vehicle
4316	Design of ultra wideband slotted microstrip patch antenna

4317	Design optimization for ventilation shafts of naturally-ventilated underground shelters for improvement of ventilation rate and thermal comfort
4318	Design process involved in developing mechanism of linear motor operated multiple spray operations spray gun
4319	Design tri-band rectangular patch antenna for Wi-Fi, Wi-Max and WLAN in military band applications with radiation pattern suppression
4320	Design, development and performance optimization of a new artificial intelligent controlled multiple-beam optical scanning module
4321	Design, development, and fabrication of a 7 DOF humanoid welding robot manipulator
4322	Design, simulation and fabrication of piezoelectric micro generators for aero acoustic applications
4323	Designing of disparity map based on hierarchical dynamic programming using satellite stereo imagery
4324	Designing of overcomplete dictionaries based on DCT and DWT
4325	Desymmetrisation of cyclic dienes. An efficient strategy for natural products synthesis
4326	Detecting negative obstacle using Kinect sensor
4327	Detection of abnormalities and electricity theft using genetic support vector machines
4328	Detection of acoustic emission signals from partial discharge sources in oil-pressboard insulation system
4329	Detection of faulted phase type in distribution systems based on one end voltage measurement
4330	Detection of groundwater aquifer using resistivity imaging profiling at Beriah Landfill Site, Perak, Malaysia
4331	Detection of VLF and LF emissions of fluorescent light for efficient management of power consumption
4332	Determination of auto-recloser location using cost analysis in the sabah electricity distribution network
4333	Determination of correlation functions of the oxide scale growth and the temperature increase
4334	Determination of DPPH free radical scavenging activity: Application of artificial neural networks
4335	Determination of gyro frequency from critical frequency measurements over Parit Raja, Malaysia
4336	Determination of impact damage severity level in Sheet Molding Compound composite material using thermography method - A preliminary study
4337	Determination of neturon thermal and epithermal at reactor triga puspati thermal column beam port exit using neutron spectrometry technique
4338	Determination of overcurrent time delay using fuzzy logic relays
4339	Determination of Slope Instability Using Spatially Integrated Mapping Framework
4340	Determination of stormwater first flush treatment strategies at tropical urban catchments
4341	Determination of the best quail eggs using simple additive weighting
4342	Determination of the effusivity of different scratched coaxial temperature sensors under hypersonic flow
4343	Determining the different learning styles of students from different engineering programmes in UNITEN

4344	Determining the inhibitor content of transformer insulating oil using UV-Vis spectroscopy
4345	Determining the number of parallel RC branches in polarization/depolarization current modeling for XLPE cable insulation
4346	Determining the occurrence of electroluminescence in polymeric materials with respect to the applied alternating electrical stress
4347	Developed cluster of SVC installation in power system network via hybrid meta-heuristic method
4348	Developing critical success factors (CSFs) for effective construction management in Malaysia industry
4349	Developing energy performance standard, label and test procedures and impacts analysis for commercial chillers
4350	Developing noise maps to monitor railway train noise at four different Keretapi Tanah Melayu (KTM) Stations
4351	Developing of honeycomb shaped cordierite ceramic from indigenous raw materials and its characterization
4352	Development and implementation of intelligent condition monitoring system for steam turbine trips
4353	Development and test of a new catalytic converter for natural gas fueled engine
4354	Development and test of a new catalytic converter for natural gas fuelled engine
4355	Development and validation of dispersive liquid-liquid microextraction for the determination of multiclass pesticide residues in complex food matrix
4356	Development of 1-inch boiler tube inspection robot
4357	Development of 3D boiler header template using Webots
4358	Development of a facility for an advance competency in electrical engineering
4359	Development of a finite element model of metal powder compaction process at elevated temperature
4360	Development of a GPS-based highway toll collection system
4361	Development of a hybrid expert system-multi criteria analysis on erosion and sediment control in construction industry
4362	Development of a Lagrangian meshless flow solver based on the Moving Particle Semi-implicit (MPS) method
4363	Development of a low cost small sized in-pipe robot
4364	Development of a model-based clinical sepsis biomarker for critically ill patients
4365	Development of a portable solar-powered traffic light control system for a remote single lane bridge
4366	Development of a reliable low cost six-pulse generator for power electronics laboratory works in Universiti Tenaga Nasional
4367	Development of a robotic boiler header inspection device with redundant localization system
4368	Development of a simple in situ instrumentation for detection of breath alcohol and gas leak
4369	Development of an automatic lighter packaging system for small and medium scale industries
4370	Development of brick using thermal power plant bottomash and fly ash
4371	Development of condition rating of shotcrete lining of hydroelectric power station based on condition assessment of its distresses
4372	Development of co-relation between vehicle and stationary dynamometer-engine emissions

4373	Development of corrosion risk map for Peninsular Malaysia using climatic and air pollution data
4374	Development of effluent removal prediction model efficiency in septic sludge treatment plant through clonal selection algorithm
4375	Development of energy labels for room air conditioner in Malaysia: Methodology and results
4376	Development of energy test procedure for household refrigerator-freezers in Malaysia
4377	Development of expert system for airport pavement maintenance and rehabilitation
4378	Development of Flood Forecasting Using Statistical Method in Four River Basins in Terengganu, Malaysia
4379	Development of fuzzy logic controller for DC-DC converter in electric vehicle
4380	Development of High Efficiency and Low Emission Low Temperature Combustion Diesel Engine with Direct EGR Injection
4381	Development of high frequency Tan Delta measurement method for 132kV transmission underground cables
4382	Development of improved three dimensional unstructured tetrahedral mesh generator
4383	Development of in-pipe inspection robot: A review
4384	Development of insulated Cu wire ball bonding
4385	Development of jacket platform tsunami risk rating system in waters offshore North Borneo
4386	Development of magnetic wheeled boiler tube inspection robot
4387	Development of mobile workforce management system for electricity supply industries
4388	Development of multi-objective load shedding optimization via back tracking search algorithm with novel reactive power tracing index
4389	Development of network management console: SNMP based network mapping and fault management
4390	Development of nylon-based artificial muscles for the usage in robotic prosthetic limb
4391	Development of process parameters for 22 nm PMOS using 3-D analytical modeling
4392	Development of river water quality management using fuzzy techniques: a review
4393	Development of robotic boiler header inspection device
4394	Development of sediment brick utilizing reservoir sediment and fly ash
4395	Development of self-compacting concrete using contrast constant factorial design
4396	Development of technical skills in Electrical Power Engineering students: A case study of Power Electronics as a Key Course
4397	Development of transmission line failure rate model using polynomial regression
4398	Development of treeing detection method for cable with three insulation regions using tdr technique
4399	Development of Ultrasonic Crack Detection System on Multi-diameter PIG Robots
4400	Development of undergraduate nuclear security curriculum at College of Engineering, Universiti Tenaga Nasional
4401	Development of wireless controller area network using low cost and low power consumption ARM microcontroller for solar car application
4402	DFIG wind-turbine modeling with reactive power control integrated to large distribution network

4403	Diagnosis of blade fault based on wavelet scalogram and blade pass vibration signature analysis
4404	Dicing die attach film for 4D stacked die QFN packages
4405	Dicing laminated wafer for QFN 4D stacked die packaging
4406	Dielectric verification of FR4 substrate using microstrip bandstop resonator and CAE tool
4407	Dielectric verification of FR5 substrate using microstrip bandstop resonator and CAE tool
4408	Differential Evolution Ant Colony Optimization (DEACO) technique in solving economic load dispatch problem
4409	Differential Evolution Immunized Ant Colony Optimization (DEIANT) technique in solving economic emission dispatch
4410	Differential Evolution Immunized Ant Colony Optimization Technique (DEIANT) in solving economic dispatch by considering prohibited operating zones
4411	Digital current sensing in modular multilevel converter for HVDC applications
4412	Digital signal processor based over-current relay using fuzzy logic controller
4413	Dimensional stability of cotton, tencel and tencel/cotton blend plain weft knitted fabrics
4414	Di-n-butylammonium 2-(3,5-di-tertbutyl-5-hydroxybenzylsulfanyl)nicotinate
4415	Dipyridinium 2,3â€²-dithio-dinicotinate
4416	Direct measurement of the complex refractive index in the extreme ultraviolet spectral region using diffraction from a nanosphere array
4417	Direct numerical simulation of pulsatile flow in pipes
4418	Direct power flow method for balanced and unbalanced radial distribution systems with multi reference buses
4419	Direct production of biodiesel from high-acid value Jatropha oil with solid acid catalyst derived from lignin
4420	Discovering new competivive dengue DEN2 NS2B/NS4 inhibitors using similarity searching
4421	Discovery of azetidine based ene-amides as potent bacterial enoyl ACP reductase (FabI) inhibitors
4422	Discrete evolutionary programming for network splitting strategy: Different mutation technique
4423	Discriminant Tchebichef based moment features for face recognition
4424	Dissipation factor measurement of PILC insulation at UHF
4425	Distinct bacterial-production-DOC-primary-production relationships and implications for biogenic C cycling in the South China Sea shelf
4426	Distributed generator control mode and its effect on the dynamic behaviour of a distribution network
4427	Distribution of electric field in medium voltage cable joint geometry
4428	Distribution of flavonoids and cyclohexenyl chalcone derivatives in conventional propagated and in vitro-derived field-grown Boesenbergia rotunda (L.) Mansf.
4429	Distributions and health risks of polycyclic aromatic hydrocarbons (PAHs) in atmospheric aerosols of Kuala Lumpur, Malaysia
4430	Docking of noncompetitive inhibitors into dengue virus type 3 protease: Understanding the interactions with allosteric binding sites
4431	Does herd behavior exist among Investors of Shariah-compliant equities in Malaysia?
4432	Double cooling coil model for non-linear HVAC system using RLF method
4433	Double tuned filter design for harmonic mitigation in grid connected solar PV

4434	Double-pass chirped bragg grating erbium-doped fiber amplifier: Improved transmission distance
4435	Double-pass EDFA with built-in variable optical Bragg grating
4436	Double-pass remotely pumped Er4+-doped fiber amplifier embedded with chirped fiber Bragg grating
4437	Downlink capacity improvement of WCDMA system by using adaptive antenna with novel MDPC beamforming technique
4438	Downlink soft handover mechanism performance in WCDMA system
4439	Downlink soft handover performance for different cell selection schemes in WCDMA system
4440	Drag reduction in a wing model using a bird feather like winglet
4441	Drying garcinia atroviridis using waste heat from condenser of a split room air conditioner
4442	DSP based fuzzy and conventional overcurrent relay controller comparisons
4443	DSP based overcurrent relay using fuzzy bang-bang controller
4444	DTC-SVM based on PI torque and PI flux controllers to achieve high performance of induction motor
4445	Dual-function remotely-pumped Erbium-doped fiber amplifier: Loss and dispersion compensator
4446	Dual-head marking performance optimisation via evolutionary solutions
4447	Dual-tone multifrequency signal detection using support vector machines
4448	Dynamic analysis of sandwiched composite foldable structure under heavy vehicle load
4449	Dynamic calibration and performance of reliable and fast-response coaxial temperature probes in a shock tube facility
4450	Dynamic communication for smart metering: Leading edge for sustainable energy and PHEV
4451	Dynamic field modelling of torque and radial forces in vector-controlled induction machines with bearing relief
4452	Dynamic hierarchical bandwidth allocation using Russian Doll Model in EPON
4453	Dynamic indoor thermal comfort model identification based on neural computing PMV index
4454	Dynamic modeling and simulation of a palm wastes boiler
4455	Dynamic modeling of string for robotics application
4456	Dynamic programming based comparison including QuickBird and IKONOS satellite stereo images for monitoring vegetation near power poles
4457	Dynamic regression intervention modeling for the Malaysian daily load
4458	Dynamic residential load scheduling based on adaptive consumption level pricing scheme
4459	Dynamic response of different wind generator topologies connected to medium size power grid
4460	Dynamic voltage restorer based on 4-dimensional voltage space vector PWM algorithm
4461	Dynamic voltage restorer based on voltage space vector PWM control
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4819	F-layer peak height variation near the equatorial anomaly crest during moderate solar activity
4820	Flight testing of control allocation for elevator actuator fault in small UAV
4821	Floating treatment wetland as an alternative for water quality improvement: A preliminary study
4822	Flood forecasting and early warning system for Dungun River Basin
4823	Flood Forecasting via Time Lag Forward Network; Kelantan, Malaysia
4824	Flow and heat distribution analysis of different transformer sub-stations
4825	Flow instability in shock tube due to shock wave-boundary layer-contact surface interactions, a numerical study
4826	Flux residue cleaning process optimization effect on Flip Chip Ball Grid Array reliability
4827	Forecasting of electricity price and demand using auto-regressive neural networks
4828	Forecasting particulate matter (PM10) concentration: A radial basis function neural network approach
4829	Formation of 1,3,4-oxadiazolines and 1,3,4-oxadiazepines through acetylation of salicylic hydrazones
4830	Formation of 1,3,4-oxadiazolines and 1,3,5-oxadiazepines through acetylation of salicylic hydrazones
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4832	Formation of thick spin-on glass (SOG) sacrificial layer for capacitive accelerometer encapsulation
4833	Forming trust in mobile ad -hoc network
4834	Formulating agent's emotions in a normative environment
4835	Formulation of an Integrated Community Based Disaster Management for Hydroelectric facilities: The Malaysia Case
4836	Four wave mixing suppression in optical systems through system parameters optimization
4837	Four-wave mixing crosstalk suppression based on the pairing combinations of differently linear-polarized optical signals
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4844	Fuel additive that cuts emission and increases brake power in a small bio-fuel diesel engine
4845	Fuel consumption and emission prediction by Iranian power plants until 2026

4846	Fuel economy standards for light duty vehicles and their potential to aid Iran toward achieving fuel saving and emissions reduction
4847	Fuel Properties of Croton megalocarpus, Calophyllum inophyllum, and Cocos nucifera (coconut) Methyl Esters and their Performance in a Multicylinder Diesel Engine
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4868	Generalized equivalent circuit model for ultra wideband antenna structure with double steps for energy scavenging
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4870	Generating 2 meter contour from ASTER-GDEM for monitoring landslide in Merapuh area
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4889	Gross Pollutant Traps: Wet Load Assessment at Sungai Kerayong, Malaysia
4890	Group Based Access Control scheme (GBAC): Keeping information sharing secure in mobile ad-hoc environment
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4898	Hardware implementation of Reed-Solomon error correction technique for wireless sensor network based on error pattern analysis
4899	Harmonic mitigation in traction supply substation using cascaded H-bridge converter
4900	Harmonic mitigation of grid connected 6MW solar PV using LCL Filter
4901	Harvesting biogas from wastewater sludge and food waste
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4903	Headspace solid-phase microextraction for the evaluation of pesticide residue contents in cucumber and strawberry after washing treatment
4904	Health estimation of servo actuator using linearized predictive time domain method to check developing fault for small unmanned aerial vehicle
4905	Heat transfer enhancement for combined convection flow of nanofluids in a vertical rectangular duct considering radiation effects

4906	Heat transfer enhancement in a triangular duct using compound nanofluids and turbulators
4907	Heat transfer enhancement of laminar nanofluids flow in a triangular duct using vortex generator
4908	Heat transfer enhancement on ventilated brake disk with blade inclination angle variation
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4925	High speed flow characteristics in gun tunnel
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4927	High speed low noise InAs electron avalanche photodiodes for telecommunication and infrared sensing applications
4928	High temperature short time (HTST) camel milk pasteurization pilot plant
4929	Higher education selection using simple additive weighting
4930	Higher-order bounded differencing schemes for compressible and incompressible flows
4931	High-k Dielectric Thickness and Halo Implant on Threshold Voltage Control
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4933	High-power dual-wavelength loop-mirror cavity fiber laser
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4936	Hollow-core photonic crystal fiber refractive index sensor based on modal interference
4937	Homogeneity and trends in long-term rainfall data, Kelantan River Basin, Malaysia
4938	Housing affordability: A conceptual overview for house price index

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4941	Hybrid artificial immune system-genetic algorithm optimization based on mathematical test functions
4942	Hybrid artificial intelligent algorithm for call admission control in WCDMA mobile network
4943	Hybrid diesel/PV system sizing and cost estimation
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4945	Hybrid erbium-doped fiber laser-pressure sensor utilizing ring cavity
4946	Hybrid intelligent moniroring systems for thermal power plant trips
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4948	Hybrid knowledge-based expert system and multi-criteria analysis for minimizing erosion and sedimentation due to stormwater in Malaysian construction sites
4949	Hybrid renewable power system for agriculture irrigation system
4950	Hydrocarbon templated sol-gel synthesis and characterizations of mesoporous silica xerogel
4951	Hydrological Analysis for Inflow Forecasting into Temengor Dam
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4953	Hydrological performance of native plant species within extensive green roof system in Malaysia
4954	Hydrology Analysis and Modelling for Klang River Basin Flood Hazard Map
4955	Î·4e Efficiency (energy, economic and environmental) for performance analysis of an engineering system
4956	ICEE 2009 - Proceeding 2009 4rd International Conference on Energy and Environment: Advancement Towards Global Sustainability - Foreword
4957	Ideality factor estimation on a monocrystalline PV module
4958	Identification and emission factors of molecular tracers in organic aerosols from biomass burning: Part 4. Grasses
4959	Identification of air pollution potential sources through Principal component analysis (PCA)
4960	Identification of electrical appliances using non-intrusive magnetic field and Probabilistic Neural Network (PNN)
4961	Identification of image angle using projective transformation: Application to banana images
4962	Identification of natural antimicrobial agents to treat dengue infection: In vitro analysis of latarcin peptide activity against dengue virus
4963	Identification of peptide inhibitors of enveloped viruses using support vector machine
4964	Identification of Peptide Leads to Inhibit Hepatitis C Virus: Inhibitory Effect of Plectasin Peptide Against Hepatitis C Serine Protease
4965	Identification of voltage sag origin in a measurement deficient power network
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4969	Image processing of an agriculture produce: Determination of size and ripeness of a banana
4970	Immobilization of saccharomyces cerevisiae onto cross-linked chitosan coated with magnetic nanoparticles for adsorption of uranium (VI) ions
4971	Impact of booster section length on the performance of linear cavity brillouin-erbium fiber laser
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4973	Impact of Delta-Winglet Pair of Vortex Generators on the Thermal and Hydraulic Performance of a Triangular Channel Using Al2O 4-Water Nanofluid
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4990	Impact properties of glass-fiber/polypropylene composites: The influence of fiber loading, specimen geometry and test temperature
4991	Impact Resistance Behaviour of Banana Fiber Reinforced Slabs
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4993	Impact resistance of oil palm shells concrete reinforced with polypropylene fibre
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4996	Impact Resistance Performance of Kenaf Fibre Reinforced Concrete
4997	Impacts of energy efficiency standard on motor energy savings and emission reductions
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5001	Implementation of a new Preference Based Final Year Project title selection system for undergraduate engineering students in UNITEN
5002	Implementation of a new torque and flux controllers for direct torque control (DTC) of induction machine utilizing digital signal processor (DSP) and field programmable gate arrays (FPGA)
5003	Implementation of a novel home energy management system (HEMS) architecture with solar photovoltaic system as supplementary source
5004	Implementation of dam safety management program in malaysia: From theory to practice
5005	Implementation of fuzzy analytical hierarchy process on notebook selection
5006	Implementation of GUI in the determination of critical clearing angle using the OMIB and equal area criterion
5007	Implementation of high speed control network with fail-safe control and communication cable redundancy in modular multilevel converter
5008	Implementation of photovoltaics in Malaysia
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5011	Implementation of voltage optimization for sustainable energy
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5013	Implementing universal priority DBA algorithm in PIC based EPON testbed
5014	Improved close loop stator flux estimation of direct torque control drive
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5016	Improved GART neural network model for pattern classification and rule extraction with application to power systems
5017	Improved Hierarchical Structure Poly-particle particle Swarm Optimization
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5019	Improved recurrent NARX neural network model for state of charge estimation of lithium-ion battery using pso algorithm
5020	Improved SCFV ANTI-HIV-1 P18 binding affinity guided from the theoretical calculation of pairwise decomposition energies and Computational Alanine Scanning
5021	Improved series resistance model for CMOS ESD diodes
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5023	Improvement of Cu-Al bond integrity on low k pad structures
5024	Improvement of engineering properties of liquefied soil using Bio-VegeGrout
5025	Improvement of speed response in four-phase DC-DC converter switching using two shunt voltage-source
5026	Improvement of the 3D SLAM system using Kinect sensor for indoor mapping
5027	Improving electricity supply in Nigeria-potential for renewable energy from biomass
5028	Improving SVM-based nontechnical loss detection in power utility using the fuzzy inference system
5029	Improving the performance of double-pass EDFA utilizing chirped bragg grating as feedback loop

5030	Improving the performance of hierarchical bandwidth allocation for upstream EPON
5031	Impulse-ultra wideband (I-UWB) rectangular patch antenna with notched ground plane
5032	In house calibration of pd detector system for field test result reliability
5033	In vitro characterization of novel protegrin-1 analogues against neoplastic cells
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5035	In Vitro Wound Healing Potential of Stem Extract of Alternanthera sessilis
5036	Inadequacies in some elastomeric isolation pads manufacturers' product data
5037	InAs avalanche photodiodes for X-ray detection
5038	InAs electron avalanche photodiodes with 581 GHz gain-bandwidth product
5039	InAs electron-avalanche photodiodes: From leaky diodes to extremely low noise avalanche photodiodes
5040	Inchworm robot grippers for clothes manipulation
5041	Inchworm robot grippers in clothes manipulation - Optimizing the tracing algorithm
5042	Incident photon-to-current efficiency of thermally treated SWCNTs-based nanocomposite for dye-sensitized solar cell
5043	Incipient fault detection in 33/12kV power transformers by using combined Dissolved Gas Analysis technique and acoustic partial discharge measurement and validated through untanking
5044	Inclusion of non-isothermal effects in modeling electrochemical kinetics of contaminated pem fuel cell electrodes
5045	Inclusion of surface heterogeneity in bridging PEM fuel cell electrode contamination kinetics and transport via a competitive Langmuir-Freundlich isotherm
5046	Increase in fault ride through capability of direct drive permanent magnet based wind farm using VSC-HVDC
5047	Increasing T-method accuracy through application of robust M-estimatior
5048	Indoor environmental quality (IEQ) acceptance of air conditioned buildings in Malaysia: Case study of Universiti Tenaga Nasional
5049	Indoor mapping using kinect and ROS
5050	Indoor positioning: Technology comparison analysis
5051	Induction of MHC Class I HLA-A3 promoter by dengue virus occurs at the NFÎºB binding domains of the Class I Regulatory Complex
5052	Influence of a bidirectional recycling residual pump on the Stokes signal characteristics of a linear cavity Brillouin fiber laser
5053	Influence of acoustical absorbing material on the obstacle detection angle of an ultrasonic sensor
5054	Influence of channel shape on the thermal and hydraulic performance of microchannel heat sink
5055	Influence of Continuous Flow Microwave Pre-Treatment on Anaerobic Digestion of Secondary Thickened Sludge for Sustainable Energy Recovery in Sewage Treatment Plant
5056	Influence of four wave mixing on modulation format performance under 101 Gb/s data rate
5057	Influence of furnace cross section on the flow and velocity distribution in tangential firing furnace
5058	Influence of HALO and source/drain implantation on threshold voltage in 45nm PMOS device

5059	Influence of junction formation process variables on diffusion sheet resistance using statistical design of experiment methodology
5060	Influence of magnesium doping in hydroxyapatite bioceramics sintered by short holding time
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5062	Influence of nanofluid on heat transfer in a loop heat pipe
5063	Influence of nickel-based catalysts on syngas production from carbon dioxide reforming of waste high density polyethylene
5064	Influence of optimization of process parameters on threshold voltage for development of hfo2/tisi2 18 nm pmos
5065	Influence of Optimization of Process Parameters on Threshold Voltage for Development of HfO2/TiSi2 19 nm PMOS
5066	Influence of process conditions on syngas production from the thermal processing of waste high density polyethylene
5067	Influence of process parameters on threshold voltage and leakage current in 18nm NMOS device
5068	Influence of sinusoidal flow on the thermal and hydraulic performance of microchannel heat sink
5069	Influence of the oblique fin arrangement on the fluid flow and thermal performance of liquid cold plate
5070	Influence of underground cable insulation parameters on transient overvoltages
5071	Influence of various base nanofluids and substrate materials on heat transfer in trapezoidal microchannel heat sinks
5072	Influence of various nanofluid types on wavy microchannels heat sink cooling performance
5073	Influential factors of collaborative networks in manufacturing: Validation of a conceptual model
5074	Information audit in electricity utilities: Roles, methodologies, issues and challenges
5075	Information Technology program students' awareness and perceptions towards personal data protection and privacy
5076	Information theoretic analysis of cooperative relay in cognitive radio
5077	Inhibition of dengue NS2B-NS3 protease and viral replication in Vero cells by recombinant retrocyclin-2
5078	Inhibitory activity of cyclohexenyl chalcone derivatives and flavonoids of fingerroot, Boesenbergia rotunda (L.), towards dengue-2 virus NS4 protease
5079	Inhibitory effect of doxycycline against dengue virus replication in vitro
5080	Inhibitory effects of a peptide-fusion protein (Latarcin-PAP1-Thanatin) against chikungunya virus
5081	Inhibitory effects of a peptide-fusion protein (Latarcin-PAP2-Thanatin) against chikungunya virus
5082	Initial development of an electrical power generator by using thermoelectric generator, focal lens and underground heat dissipation system
5083	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach
5084	Insider Threats+Disruptive Smart Phone Technology = New Challenges to Corporate Security
5085	In-situ analysis energy level alignment at solution processed HAT(CN)7/PVK (PVK:TAPC) interface via XPS and UPS
5086	Inspection robot for parallel entry boiler header pipe

5087	Instability in two-phase flows of steam
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5089	Insulated-gate bipolar transistor controlled reactor
5090	Insulin Glargine in the intensive care unit: A model-based clinical trial design
5091	Insulin sensitivity and sepsis score: A correlation between model-based metric and sepsis scoring system in critically ill patients
5092	Insulin sensitivity as a model-based marker for sepsis diagnosis
5093	Integral application of electrical resistivity tomography, geochemistry and borehole data in geoundwater seepage assessment
5094	Integrated flood analysis system (IFAS) for Kelantan river basin
5095	Integrated Geo Hazard Management System in Cloud Computing Technology
5096	Integrated site investigation procedure for environment protection toward sustainable development
5097	Integrating domain-independent strategies into an emotionally sound affective framework for an intelligent learning environment
5098	Integrating programming with beaglebone black for undergraduate's "programming for engineers" syllabus
5099	Integrating solar photovoltaic energy conversion systems into industrial and commercial electrical energy utilizationâ€"A survey
5100	Integration of cooperative sensing and transmission: Performance evaluation of cooperation strategies in cognitive radio
5101	Integration of electric vehicles in smart grid: A review on vehicle to grid technologies and optimization techniques
5102	Integration of multi-sensors data in detecting slope movement based on threshold values
5103	Inteligent driven power quality monitoring using pseudomeasurement technique
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5105	Intelligent detection of DTMF tones using a hybrid signal processing technique with support vector machines
5106	Intelligent dynamic bandwidth allocation algorithm in upstream EPONs
5107	Intelligent lighting control system for energy savings in office building
5108	Intelligent metadata web search engines: A brief review of literature on intelligent metadata based search engines
5109	Intelligent monitoring interfaces for coal fired power plant boiler trips: A review
5110	Intelligent Systems in Optimizing Reservoir Operation Policy: A Review
5111	Intensive control insulin-nutrition-glucose model validated in critically ill patients
5112	Interaction diagram and response surface plot of pretensioned inverted T-beam with circular web openings
5113	Interaction diagram in finite element analysis of deflection of pretensioned inverted T-beam with web openings strengthened with GFRP laminates
5114	Interaction testing for an ad-hoc system (queue management system)
5115	Intermetallic growth of Sn-Ag-Sb/Ni plated Cu in power packaging subject to thermal aging
5116	Internal competition in engineering educationâ€"a case study of project design competition in UNITEN
5117	International experience on incentive program in support of fuel economy standards and labelling for motor vehicle: A comprehensive review
5118	Internet of things application in monitoring sick building syndrome
5119	Intracavity loss control effect on tuning range of tunable dual erbium-doped fiber laser

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5121	Introduction of an Emergency Response Plan for flood loading of Sultan Abu Bakar Dam in Malaysia
5122	Inverse kinematic solution in handling 3R manipulator via real-time genetic algorithm
5123	Investigating lubrication properties using pulse-echo ultrasound technique
5124	Investigating the heating of water through a double tube nonphase change heat pipe
5125	Investigating the physical and mechanical properties of TiO2 varistor materials prepared with various dopants
5126	Investigating the plant species and rainfall factors on stormwater retention performance of extensive green roofs in Malaysia
5127	Investigation of biodiesel production from cerbera manghas biofuel sources
5128	Investigation of glucose-insulin model efficacy for diabetes patient in the ICU
5129	Investigation of induction motor parameter identification using particle swarm optimization-based RBF neural network (PSO-RBFNN)
5130	Investigation of oil palm harvesters' postures using RULA analysis
5131	Investigation of physical and chemical properties of potential edible and non-edible feedstocks for biodiesel production, a comparative analysis
5132	Investigation of radiation pattern and signal coverage of single element and multiple elements patch antenna
5133	Investigation of Sn3.5Ag and Sn3.8Ag0.8Cu Pb-free Alloys for BGA application on Ni/Au Finish
5134	Investigation of syngas combustion at variable methane composition in can combustor using CFD
5135	Investigation of the effect of anodization time and annealing temperature on the physical properties of ZrO2 thin film on a Si substrate
5136	Investigation of the effects of connectors to enhance bond strength of externally bonded steel plates and CFRP laminates with concrete
5137	Investigation of the flow structures in supersonic free and impinging jet flows
5138	Investigation of thermal characteristic of eutectic fatty acid/damar gum as a composite phase change material (CPCM)
5139	Investigation of voltage swell mitigation using STATCOM
5140	Investigation on Coal Slagging Characteristics and Combustion Behaviour in Furnace
5141	Investigation on electroluminescence as pre-breakdown phenomenon within dielectric materials used for cable insulation
5142	Investigation on optimum blend ratio and microwave pre-treatment condition of primary and secondary sludge from sewage treatment plants (STP) to enhance biogas production in anaerobic digesters
5143	Investigation on the cooling performance of a compact heat exchanger using nanofluids
5144	Investigation on the effect of lubrication and forming parameters to the green compact generated from iron powder through warm forming route
5145	Investigation on the performance of the DI-BSCCO superconducting electric motor
5146	Investigation on Thermal Properties of Kenaf Fibre Reinforced Polyurethane Bio-Composites
5147	Investigations of solution-processed charge generation unit with low concentration of small molecule doped in p-type/HAT-CN$_7$ for tandem OLED

5148	Investigations on the effect of blade angle on ventilated brake disc using CFD
5149	Ionic contaminations level and cleaning flip chip BGA package via a new cleaning solvent technology
5150	IPQit: An internet simulation kit based on NS3
5151	Isolation and characterization of a hemorrhagin from the venom of Ophiophagus hannah (king cobra)
5152	Isolation and characterization of an unusual form of L-amino acid oxidase from King cobra (Ophiophagus hannah) venom
5153	Isotopic and hydrochemistry fingerprinting of leachate migration in shallow groundwater at controlled and uncontrolled landfill sites
5154	Issues and challenges of forensics analysis of agents' behavior in multi-Agent systems: A critical review
5155	Issues and temperature compensation techniques for hot wire thermal flow sensor: A review
5156	Issues of matrix converters: Technical review
5157	Joint resource allocation and sensing scheduling for cognitive ultra wideband
5158	JSPS asian core program: 7th & 8th ICCEOCA (Phase II/NICCEOCA-3 & -4), 2nd & 3rd junior ICCEOCA, and partly IUPAC asian project
5159	JSPS asian core program: 7th & 8th ICCEOCA (Phase II/NICCEOCA-3 & -4), 2nd & 4rd junior ICCEOCA, and partly IUPAC asian project
5160	Keystrokes inference attack on android: A comparative evaluation of sensors and their fusion
5161	Klang River water quality modelling using music
5162	Knowledge audit adoption: A case study of Malaysian electricity supply industry
5163	Knowledge audit framework : A case study of the malaysian electricity supply industry
5164	Knowledge audit practices in electricity companies in Malaysia: A preliminary overview
5165	Knowledge-based expert system for stormwater management in Malaysia
5166	Label-free Dengue E protein detection using a functionalized tapered optical fiber sensor
5167	Labeling design effort for household refrigerator-freezers in Malaysia
5168	Lagrangian simulation of steady and unsteady laminar mixing by plate impeller in a cylindrical vessel
5169	Laminar mixing performances of baffling, shaft eccentricity and unsteady mixing in a cylindrical vessel
5170	Large eddy simulation and Reynolds-averaged Navier-Stokes calculations of supersonic impinging jets at varying nozzle-to-wall distances and impinging angles
5171	Laser ablation of polymeric composites
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5910	Simulation and experimental validation of gain-control parallel hybrid fiber amplifier
5911	Simulation machining of titanium alloy (Ti-6Al-5V) based on the finite element modeling
5912	Simulation modeling of polarization and depolarization current analysis for underground cable insulation
5913	Simulation of a MEMS piezoelectric energy harvester
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5915	Simulation of an energy harvesting circuit for low power application
5916	Simulation of breach outflow for earthfill dam
5917	Simulation of electroluminescence using a bipolar recombination model
5918	Simulation of fabrication process VDMOSFET transistor using Silvaco software
5919	Simulation of partial discharge within a void under square waveform applied voltage
5920	Simulation of power quality events using simulink model
5921	Simulation of signal-to-interference ratio performance in GSM system employing switched beam smart antenna system
5922	Simulation on reactor TRIGA Puspati core kinetics fueled with thorium (Th) based fuel element
5923	Simulation study of UWB interference effects on each WLANa frequency band
5924	Simulation study of UWB interference effects on GSM 900 system
5925	Simultaneous determination of Diazinon, Malathion and Quinalphos pesticide formulations by gas chromatography with an electron capture detector
5926	Simultaneous dual-wavelength lasing of an erbium-doped fibre laser over wide spectrum range by intracavity loss optimisation
5927	Simultaneous measurement of structure and XUV dielectric constant of nanoscale objects using diffraction of high harmonic radiation

5928	Simultaneous optimization of charge-carrier mobility and optical gain in semiconducting polymer films
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5930	Singlet excimer electroluminescence within N, Nâ€²-di-1-naphthalenyl-N, Nâ€²-diphenyl-[1,1â€²-biphenyl]-4,5â€²-diamine based diodes
5931	Sinterability and mechanical properties of MnO3-doped Y-TZP: The effects of holding time variations
5932	Sinterability of forsterite prepared via solid-state reaction
5933	Sintering and densification behavior of ZnO-doped Y-TZP ceramics
5934	Sintering behaviour of forsterite bioceramics
5935	Sintering behaviour of forsterite-doped hydroxyapatite ceramics
5936	Sintering properties of zirconia-based ceramic composite
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5938	Sintering studies of synthesised manganeseoxide- doped calcium phosphate via wet chemical precipitation method
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5940	Sizing first flush pollutant loading of stormwater runoff in tropical urban catchments
5941	Skin friction calculation for PU/PIR against steel duct using CFD
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5943	Small signal stability analysis of grid connected photovoltaic
5944	Small UWB printed antenna with slotted ground plane
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5947	SnoezelenCAVE: Virtual reality CAVE Snoezelen framework for Autism spectrum disorders
5948	Sociodemographic Determinants of Low Fruit and Vegetable Consumption among Bangladeshi Adults: Results from WHO-STEPS Survey 2011
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5952	Solder bump strength and failure mode of low-k flip chip device
5953	Solder joint strength of lead free solders under multiple reflow and high temperature storage condition
5954	Solving computational algorithm using CLONALNet technique based on artificial clonal selection
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5965	Spectroscopic analysis of structural transformation in biodiesel degradation
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5967	Spectrum survey for reliable communications of cognitive radio based smart grid network
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5973	Stability analysis of a gas turbine exhaust stack
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5975	Stability and performance investigations of model predictive controlled active-front-end (AFE) rectifiers for energy storage systems
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6258	Trust formation based on subjective logic and PGP web-of-trust for information sharing in mobile ad-hoc network
6259	Trusting norms in normative multi-agent systems
6260	Trusting norms: A conceptual norms'€™ trust framework for norms adoption in open normative multi-agent systems
6261	Tsunami simulation due to seaquake at Manila Trench and Sulu Trench
6262	Tunable loop filter in fractional-N frequency synthesizer for wireless applications
6263	Tunable multiwavelength L-band Brillouin-Erbium fiber laser utilizing passive EDF absorber section
6264	Tuning fuzzy Bang-bang relay controller for satellite attitude control system
6265	Tuning of a new fuzzy bang-bang relay controller for attitude control system
6266	Tuning of PID controller for a synchronous machine connected to a non-linear load
6267	Turbine Design for Low Heat Organic Rankine Cycle Power Generation using Renewable Energy Sources
6268	Turbulent flow over transitionally rough surfaces with varying roughness densities
6269	Turbulent forced convection flow of nanofluids over triple forward facing step
6270	Turbulent heat transfer and nanofluid flow in a triangular duct with vortex generators
6271	Twitter sentiment classification using Naive Bayes based on trainer perception
6272	Two dimensional numerical investigations on the velocity profile in a shock tunnel
6273	Two electrical models of the lead-acid battery used in a dynamic voltage restorer
6274	Two-dimensional computational modeling of high-speed transient flow in gun tunnel
6275	UAV actuator fault detection through artificial intelligent technique
6276	Ultimate load analysis of pretensioned inverted T-beams with circular web openings
6277	Ultra fine pitch 20 micron 3N second bond improvement with new capillary surface morphology
6278	Ultrasound micro-power meter
6279	Ultraviolet Laser Diode Ablation Process for CMOS 45 nm Copper Low-K Semiconductor Wafer
6280	Ultra-wideband antenna array design for target detection
6281	Uncanny valley: A preliminary study on the acceptance of Malaysian urban and rural population toward different types of robotic faces
6282	Under Frequency Load Shedding (UFLS): Principles and implementation
6283	Under voltage load shedding (UVLS) study for 747 test bus system

6284	Under voltage load shedding scheme using meta-heuristic optimization methods
6285	Under voltage load shedding using voltage stability indices
6286	Understanding the chemistry behind the antioxidant activities of butylated hydroxytoluene (BHT): A review
6287	Universal custom power conditioner (UCPC) with integrated control
6288	Universiti Tenaga Nasional short duration hypersonic test faciliy "calibration and verification"
6289	Unstructured Moving Particle Pressure Mesh (UMPPM) method for incompressible isothermal and non-isothermal flow computation
6290	Urban Stormwater Management Model and Tools for Designing Stormwater Management of Green Infrastructure Practices
6291	Use of billet scale as partial replacement of sand in concrete
6292	Use of Geographic Information System (GIS) tools as network planning aid for antenna mounting in remote areas
6293	Use of H mode in low frequency flat spiralled coil RF inductively coupled plasma source to nitride austenitic steel type AISI 304
6294	Use of oil palm waste as a renewable energy source and its impact on reduction of air pollution in context of Malaysia
6295	Use of post flame metal-based and oxygenated additive combination for biodiesel-diesel blends
6296	Use of wastes in developing mortar - A review
6297	Used cooking oil as a green chemical admixture in concrete
6298	User centered design practices in healthcare: A systematic review
6299	Uses of central composite design and surface response to evaluate the influence of constituent materials on fresh and hardened properties of self-compacting concrete
6300	Using a PSCAD simulation software in calculating the probability of surge protective devices failure in an installation served by overhead lines
6301	Using Electromagnetism-like algorithm and genetic algorithm to optimize time of task scheduling for dual manipulators
6302	Using genetic algorithm for traffic light control system with a pedestrian crossing
6303	Using lowpass and highpass filters to form UWB bandpass filter
6304	Using transmissibility and vibration power flow methods to evaluate the effectiveness of elastomeric mounts for vibration and noise control
6305	Utilization of alum sludge as chromium removal
6306	Utilization of Core Oil Palm Trunk Waste to Methyl Levulinate: Physical and Chemical Characterizations
6307	Utilization of low rank coal as oxidation catalyst by controllable removal of its carbonaceous component
6308	Utilization of numerical techniques to predict the thermal behavior of wood column subjected to fire part B: Analysis of column temperature and fire resistance
6309	Utilization of numerical techniques to predict the thermal behavior of wood column subjected to fire part C: Sensitivity analysis
6310	Utilization of numerical techniques to predict the thermal behavior of wood column subjected to fire. Part A: Using finite element methods to develop mathematical model for wood column
6311	Utilization of Tabu search heuristic rules in sampling-based motion planning
6312	Utilization of thorium and U-ZrH1.6 fuels in various heterogeneous cores for TRIGA PUSPATI Reactor (RTP)

6313	Utiliztion of Xilinx FPGA built-in analog-to-digital converter for data acquisition in powr electronics converter
6314	UV-vis spectroscopy: A new approach for assessing the color index of transformer insulating oil
6315	Validation of a headspace solid-phase microextraction procedure with gas chromatography-electron capture detection of pesticide residues in fruits and vegetables
6316	Validation of quantitative structure-activity relationship (QSAR) model for photosensitizer activity prediction
6317	Validation of S-parameter power cable joint model on two cable defect sections
6318	Validity and inherent viscosity of the quiet direct simulation method
6319	Value engineering awareness study for sustainable construction in Malaysia
6320	Variability analysis of process parameters on subthreshold swing in vertical DG-MOSFET device
6321	Variational iteration method as a reliable treatment for the hyperchaotic rÃ¶ssler system
6322	Vegetation height estimation near power transmission poles via satellite stereo images using 4D depth estimation algorithms
6323	Ventilated brake disk air streamlining using curved vane
6324	Verification of conductor temperature and time to thermal-overload calculations by experiments
6325	Verification of MATLAB/simulink power cable modelling with experimental analysis
6326	Verification of Moving Particle Pressure Mesh (MPPM) method in simulating nonnewtonian flow in a square cavity
6327	Verification of two S-parameter cable joint models with experimental analysis
6328	Verification of volume-of-fluid (VOF) simulation for thin liquid film applications
6329	Verification, validation and evaluation for quality of services of expert system for bus
6330	VHDL implementation for measurement of the distance test distribution pattern of the Tri-Axial magnetic probe for the PD detection circuit system by using 3 GHz ADC and FPGA
6331	VHDL implementation for measurement of the distance test distribution pattern of the Tri-Axial magnetic probe for the PD detection circuit system by using 4 GHz ADC and FPGA
6332	VHDL implementation of capacitor voltage balancing control with level-shifted PWM for modular multilevel converter
6333	VHDL simulation of reset automatic block, 64 bit latch block, and test complete blocks for PD detection circuit system using FPGA
6334	VHDL simulation of reset automatic block, 65 bit latch block, and test complete blocks for PD detection circuit system using FPGA
6335	Viability of using ANN-BP on a handheld device
6336	Vibration-based piezoelectric micropower generator for power plant wireless monitoring application
6337	Virtual trial and monte carlo analysis of model-based glycaemic control protocol with reduced nursing effort
6338	Virtual trial protocol analysis of nursing workload intensity within ICU
6339	Volatile halocarbon emissions by three tropical brown seaweeds under different irradiances

6340	Volatile organic compound analysis by sorbent tube-thermal desorption-gas chromatography: A review
6341	Voltage balancing in DC link capacitor for seven level cascaded multilevel inverter
6342	Voltage balancing of a 320-V, 12-F electric double-layer capacitor bank combined with a 11-kW bidirectional isolated DC-DC converter
6343	Voltage collapse risk index prediction for real time system's security monitoring
6344	Voltage harmonic elimination with RLC based interface smoothing filter
6345	Voltage sag acceptability assessment using multiple magnitude-duration function
6346	Voltage sag detection - A survey
6347	Voltage sag detection technique based on phase angle analysis for PWM-Switched autotransformer
6348	Voltage variation due to solar photovoltaic in distribution network
6349	Vth and ILEAK Optimization using taguchi method at 32nm bilayer graphene PMOS
6350	Vth and ILEAK Optimization using taguchi method at 33nm bilayer graphene PMOS
6351	Warpage and wire sweep analysis of QFN molded strip using experimental and modeling methods
6352	Water Quality Improvement through Reductions of Pollutant Loads on Small Scale of Bioretention System
6353	Water security and its challenges for Malaysia
6354	Watermarking Algorithm for Medical Images Authentication
6355	Wave propagation characteristics of polymeric underground cables
6356	Wavelet and mathematical morphology as the denoising methods for PD analysis of high voltage transformer windings
6357	WCDMA teletraffic performance improvement via power resource optimization using distributed parallel genetic algorithm
6358	Weak area analysis based on the apparent impedance and voltage indices
6359	Welcome Remarks
6360	Wet Load Study of Gross Pollutant Traps; Kemensah River, Malaysia
6361	Wide wavelength range and high speed SiGe/Si multi quantum-well silicon-on-insulator-based lateral PIN photodiode
6362	Wideband piezoelectric energy harvester for condition monitoring in power plant application
6363	Widely Tunable C +L Bands Multiwavelength BEFL with Double-Brillouin Frequency Shifts
6364	WiMAX capacity estimation through channel characteristic simulation
6365	WiMAX channel characteristic analysis and capacity estimation
6366	Wind resource assessment over Al Duqm industrial area in Oman
6367	Wind tunnel evaluation for control transition from elevator to stabilator of small UAV
6368	Wireless communication technology's selection for landslide monitoring in rural area
6369	Wireless power transfer for electric vehicle
6370	WSN based intruder detection system based on Territorial Predator Scent Marking Algorithm (TPSMA) sensor node placement scheme
6371	Yield prediction for rubberâ€œHevea Brasiliensisâ€•in Malaysia: A review
6372	1D numerical hydrodynamic shallow flow model for urban area
6373	An intelligent selection and prediction framework based on game theory and fuzzy logic in the heterogeneous wireless networks
6374	Applications of PID design techniques in controlling a water flow rate model of an experimental process plant

6375	A continuous flow microwave pre-treatment module for enhancement of biogas production in modern mechanized sewage treatment plant
6376	A novel territorial predator scent marking algorithm for wireless sensor node placement
6377	A novel electricity load forecasting technique using dynamic regression intervention model
6378	A study of the dual fuel system using LPG for a single-cylinder, stationary diesel engine
6379	Aircrafts landing system stability improvement using model predictive control
6380	A cognitive radio based smart grid communication network in Malaysia
6381	Dynamic Stability Analysis During The Recombination Of Multiple Stable Islands In An Electrical Network
6382	Metal Oxide Surge Arrester ,Selection Of Models To Depict It Based On Performance Of Simulations And Experiments
6383	Impact Of Dynamic-Voltage Support During Fault With High Penetration Of Utility-Scale Photovoltaics Generator
6384	The Development Of Obstacle Avoidance For A Lab- Scale Autonomous Vehicle
6385	Simulation Of Lattice Mismatched Indium Gallium Arsenide For Thermophotovoltaic
6386	Determining Coherent Generator In An Electrical Network
6387	Voltage Control Utilizing D-Statcom With The Integration Of Photovoltaic based Renewable Energy
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6389	Design Of Electric Vehicle -Solar Photovoltaic For Industrial Application
6390	Under And Overvoltage Protection Circuit Simulation Program Using Matlab/Simulink
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6392	Optimal Distributed Generation Installation Using Multistage Artificial Immune System
6393	Hybrid Renewable Energy System Based On Optimization And Modelling Using HOMER Software
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6400	Solar Cell Fault Monitoring Using Image Processing Approach
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6403	Peltier cooler design improvement
6404	Development of autonomous pick and place robot
6405	Numerical Simulation of Mof - Based DSSC as New Material using Scaps - ID
6406	Characterization of mechanical properties of Kenaf fibre reinforced polymer composite
6407	Design of a mini hydro - powered phone charging system
6408	Design and development of an affordable biomass engine for remote area

6409	Assessment of sediment removal efficienncy of a stormwater particle inceptor tank
6410	CFD simulation and analysis of particulate deposition on steam turbine blades
6411	Design an ergonomics friendly shelf for librarian
6412	Study of Utilizing Peltier with Solar Panels to Increase Power Output of Partially Submerged
6413	Synthesis and charaterizations of 8r -based metal -organic freamwork Uio - 66
6414	Design and development of robotic arm for malaysia nuclear agency mobile robot
6415	National Greenhouse gas irventory for industrial
6416	Physical properties of solid glass microsphere / epoxy / kenaf composite
6417	Desgin and Development of Speed Bump Energy Hanester
6418	Measurement of complex modulus of MRE Properties
6419	Development of graphene
6420	Developing a nondestructive test system using drone for aircraft
6421	Design of Automated Rain Awning
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6423	An Algorithm for Future Communication Solutions Planning of Distribution Substation
6424	Design of solar powered absorption chiller
6425	Numerical simulation of thermal performance
6426	Effect of sintering temperature or transport critical
6427	Mechanichal properties of epoxy / solid glass
6428	Investigation on potential of nano - catalyst for re - esterification
6429	Fabrication and Testing of Magnetuheoligical Elastomer
6430	Management andControl of Renewable Energy Integration in Microgrid Through Inverter Control
6431	Small Angle Neutron Scattering (SANS) Study of precipitation and Strengthening
6432	Numerical Study of Double - Layered Microhannel Heat Sinks with Different
6433	The potential of photovoltaics, Biomass and Mini - Hydro as Renewable energy
6434	Design Ultra High Frequency (UHF) Patch Antenna to Detect Partial Discharge
6435	Optical Characterization of Microalgae Using Optical Spectroscopy and Fluorescence Measurement for Real-Time Monitoring of the Density and Growth Rate of Microalgae
6436	Reverse Vending Machine for Recycling
6437	3-Axis Gimbal for Car Travel Recording Camera Stabilization
6438	Development of Energy Efficient Solar Street Lights Using Intelligent Motion Sensors for Rural Areas
6439	Development of a Microcontroller Based Charge Controller for a Hybrid Wind-Solar Energy System
6440	Multiple Functional Internet of Thing (IOT) Device for Home Application
6441	Child Care Alarm System for Vehicles Based on Rasberry PI
6442	Automatic Fan Speed Control System
6443	Towards the Data-Driven Modeling of Radiated Emission from Photovoltaic Inverters
6444	Wireless Monitoring and Control for Industry Automatic Tank Gauge System
6445	A Multi-Functional Internet of Thing (IoT) Device for Smart Campus Applications
6446	Mobile Application Development for Energy Monitoring and Control
6447	Development of Smart Greenhouse with Wireless Sensor Technology
6448	Towards Data-Driven Modelling of Radiated Emissions from Electric Vehicles
6449	Industrial Training Kit for Education

6450	Implementation of RS232 Port to Ethernet Interface
6451	Design and Implementation of Fire Extinguisher Robot
6452	Electric and Electronic Engineering
6453	Tampering Detection of Energy Meter By GSM Modem
6454	Smart Home Energy Management System for Monitoringof Renewable Energy Harvesting and Land Consumption
6455	Comparison of Deep Neural Networks Performance for Object Classification with Edge TPU
6456	Resource-Efficient Memristor-Based Ring Oscillator Physically Unclonable Function for Hardware Security
6457	Performance of Different Type of Steel Coil Spring Using Experimental and Simulation Method
6458	Smart Air Conditioner Controller
6459	Heart Attack Prediction with Deep Learning
6460	A Non-Intrusive Approach for Indoor Occupancy Detection in Smart Environments
6461	Finite element simulation of fibre reinforced polymer in industrial application
6462	A study on effect of an inclined V - Trough as solar thermal energy collector with extended length of reflector
6463	Design of pneumatic powered pick and place robotic ARM using arduino control system
6464	Smart Home Energy Management System(SHEMS) for Demand Response
6465	An Intelligent Controller for Improving Aging Factor of Energy Storage System Towards Grid Decarbonization
6466	Retinal Blood Vessel Caliber Measurement in Patient with Chronic Kidney Disease (CKD)
6467	Smart Number Plate Identification for Secure Parking Management in Uniten
6468	Effect of Signal Decomposition in Power Quality Disturbances Classification
6469	Health Monitoring Device for Elderly People
6470	Feasibility Study Of Renewable Energy Installations In Sabah Using Levelised Cost Of Energy
6471	Patients Conditions Monitoring System Using Wireless Sensor Nodes
6472	Effect of acasia senegal gum
6473	Implementation of hydropower
6474	Study on The Characteristic of Paddy Waste Ash from Biomass
6475	Acoustic performance of natural fibries of oil palm
6476	Effect of nanoparticle mixture ratio on the thermophysical properties of TiO_2 / Al O_3
6477	Physical properties of solid glass microsphere and epoxy
6478	CFD investigation of the effect of the tilt angle to flow swirl behavior in furnace
6479	Design and testing of magnetorheological piston damper
6480	Investigating wet steam behavior in turbine cascaders by using CFD
6481	Comparison of Convolutional Neural Network Performance Against Deep Learning Architectecture With Diseased Paddy Dataset
6482	Effect of multiple coatings on transport critical current of Dip-coated BI - 2212
6483	Design of Fire Detection System and Security System in Laboratories Using Zigbee Technology
6484	Evaluating the potential of a hybrid solar - hydro power station
6485	The mechanical properties of bagassse reinforced epoxy and bagassse / coir hybrid composites
6486	Atomisation chractenstcs of non - edible Biodiesel for microturbine application

6487	A study on effect og an inclined V - Trough as solar thermal energy collector with extended lenght of reflector
6488	Develop and design of personal development tool (SSB MINDSPA 2.0) using quality function deployment procedure
6489	Experimental investigation on heat exchanger with hybrid nanofluids and optimization
6490	Quantiflying energy savings from implementation of energy conservation measures (ECMs) in a residential building
6491	Continuous glycerolysis reaction using microwave energy for high fatty acids feedstock for biodiesel production
6492	Design optimization of vertical axis wind turbine on Malaysia sea
6493	Production of Bio - Jet Fuel from Palm Kernel and coconut oils
6494	Hybrid energy (WIND ENERGY AND SOLAR ENERGY) effichency in producing electricity for future basis
6495	Experimental investigation of flow -induced vubration on heat exchanger with different baffle
6496	Acera not composite : the effect on sward
6497	Optimization of organic acid production from anerobic digestion of durian waste
6498	Characterizations of Bauxite waste with magnesium oxide as an oxygen carrier for chemical looping combustion
6499	CFD Modelling of sediment transport in dam reservoir
6500	An Analysis of Distribution Automation Reliability Using Monte Carlo Simulation
6501	Design And Development Of A Floating Photovoltaic For Powering Street Lights At Kelompok Ilmu
6502	Design and development of automated curtain system
6503	Estimating greenhouse gas mission of fluorinated gases in stationary air - conditioning system
6504	Numerical analysis of momentum transport in a pem fuel cell cathode channel using python
6505	Impact of biodiesel application on emosion reduction for power generation
6506	Case study: Investigating factors contributed to failure of project delivery within stipulated contract time
6507	The gap interpretation measurement towards manufacturing tools to enhance the productivity in industry
6508	CFD Analysis of slipstreaming in NASCAR
6509	The effect of 3 hours thermal neutron irradiation on Bi - 2223 superconductor
6510	The effect of 6 hours - thermal neutron
6511	Properties enhancement of natural fiber biopolymers using egg shell as filler
6512	Acoustic performance of natural fibres of oil palm frond (30%) and acasia
6513	Design & Development of traffic control system for small road of single vehicle flow
6514	Design & Development of smart water tank system
6515	Design and development of worker friendly signbord lifthing mechanism
6516	Numerical investigation on heat transfer and pressure drop in heat exchanger using hybrid nanofluids
6517	Carbon Footprint Calculation for Transportion Activities in UNITEN Campus Putrajaya
6518	Study of Composite Material Between Epoxy with Solid Glass Microsphere and Kenaf Composite
6519	Lithium - ion cell design for plug - in hybrid and battery electric vehicles

6520	Performance Assessment Of Regenerative Braking System With The Implementation Of Ultracapacitor
6521	Synthesis of Oil Palm Empty Fruit Bunch Supported Solid Catalyst for Fuel Additivies Production
6522	Power Quality Monitoring Equipment For Smart Home
6523	Production of Liquid Water Content in Oil Sump Tank at Hydroelectric Power Station
6524	Power augmentation of gas turbine application using biodiesel
6525	Measurement of complex modulus properties of magnetorheological elastomer (MRE) using oberst beam configuration
6526	Effestive Crop Productivity in Controlled Environment with Real-Time Minitoring System
6527	Stability Analysis of Model Predictive Controller (MPC) for Single Ended Primary Inductance Converter (SEPIC)
6528	Optimization Of Surge Arrester's Placement For 132kV Substation(Transmission Side)
6529	Human Fall Detection with Computer Vision and Deep Learning
6530	A Comparative on The Performance of Different Type of Solar Panel Under Malaysia's Weather
6531	Analysis of Solar PV Penetration Impact to Mv Distribution Network
6532	Green synthesis and characterization of graphene quantum dots
6533	Investigation on Total Harmonic Distortion(THD) in the Power Grid During Vehicle-to-Grid (V2G) Operation
6534	IOT Based Data Logger for Real-Time Solar Monitoring
6535	Evaluation of mechanichal properties of polymer composite material
6536	Mechanichal Porperies of Boiler Tubes (T91 AND T92)
6537	Design Computational Fluid Dynamic Analysis For Gravitational Filter Based On Origami
6538	Soil Improvement By Conical Method
6539	CFD investigation on stairwell smoke ventilation :case of coe bn block emergency route
6540	Analysis Of Hybrid Solar And Hydro Renewable Energy System For Remote Residential Electrification
6541	Physiotherapy Walker
6542	Power Swing Blocker Algorithm for Distance Relay Design in Simulink Environment
6543	The effects of different densities on structure and acoustic properties of oil palm empty fruit bunch with the thickness
6544	Enforcement of systematic layout planning to boost productivity
6545	Design and development of afan powered by magnetic energy
6546	Rynthesisi and chracterization of plant oil derived biolubricant
6547	Development Of an Intelligent Controller For Power Quality Enhancement Of Microgrid
6548	Investigation Of Banana Peels Application For Heavy Metals Removal From Contaminated Water
6549	Soil Improvemet Of Soft Soil Using Conical Cell
6550	Tertiary Domestic Wastewater Treatment Using Phytoremediation
6551	Analysis of Cloud-to-Ground Lightning Data:A case Study of Data Science Application
6552	The Impact Of PV Location And Penetration To Power System Stability

6553	Fundamental Aspects Determination Of Substation Grounding Characteristics Under Transient Phenomena For Different Soil Conditions
6554	Wind Energy Forecasting Based on Various Weather Parameters
6555	Development Of Single-Phase Voltage Current And Real Power(P),Reactive Power(Q) And Apparent Power (S) Monitoring System
6556	Design and development of mango cutter
6557	Study & Design of Water Therapy Development Tool (Babw - Therapy 2.0) using nlp principal
6558	Mechanichal properties of bamboo fibre reinforced epoxy and bamboo / coir fibre hybrid composites
6559	The longitudinal study of cognitive learning style among undergraduate students to enhance the productivity
6560	Optimal Placement Of FACTS Devices In Power System Using Computational Intelligence Based Method
6561	Correlation of Retinal Blood Vessel Tortuosity and Chronic Kidney Disease
6562	Home Device Automation Using Mobile Application
6563	Simple Hand Gesturebased Control for Wheelchair
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6565	Measuremment of magnetorheological elastomer properties
6566	Heavy Metals Removal From Local Industial Wastewater By Chemical Precipitation Method
6567	Prediction Of Water Quality Parameter By Applying Evolutionary Algorithm (EA) In Taiwan, China
6568	Electric Vehicle Charger Using Cascaded H-Bridge 7-Level Inverter
6569	Experimental Investigation Of Torsional Strength Of Glass Fiber Reinforced Polymer (GFRP) Tube
6570	Experimental Characterization of Indium Gallium Arsenide Thermophotovoltaic Cell At 2.6 Micrometer Cut-Off Wavelenght
6571	Biochar Usage For Improving Concrete Mix As Cement Replacement
6572	Analysis Of Environment Impact Using Different System Model: A Case Study On Paper Tissue Production
6573	Time Series Water Level Forecasting Based On Convolutional Neural Network (CNN)
6574	Anaylysis of Grid Reliability of Hybrid Microgrid in Distribution Network for Rural Areas in Malaysia
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6576	Develop and design of personal stationary organizer and planner (ZIB - STAT - O @2.0) using function
6577	Design And Simulation Of An Electric Drive System For MASS Rapid Transit (MRT)
6578	Stabilizing Soft Ground Using Cement, Lime, And PFA Columns
6579	Sizing And Feasibility Analysis Of A Grid-Connected Solar Farm
6580	Improvement Of Solar Farm Efficiency And Energy Production By Using Distributed MPPPT
6581	Design And Development Of A Solar Power System Charge Controller To Improve The Battery Charging Efficiency
6582	Power Over Fiber -Design and Feasibility Study
6583	Design and Development of Wind Energy System by Harvesting Wind from Air-Conditioning Condenser Unit

6584	The Impact of Penetration of Electric Vehicle on Power System Network
6585	The effect of heat treatment on the mechanical properties of betel nut
6586	Performance Study On Construction Waste Soil Improvement Using Tamarind Kernal Powder (TKP)
6587	CFD analysis of pressure drops in piping design
6588	A design and numerical analysis of microfluidic for blood plasma separation
6589	Systhesis of Carbon Based Heavy Metal Filters for Effulent Based on Rice Husk and Potting Soil
6590	Acoustic performance of natural fibres of oil palm frond (30%) and acasia magium (70%) with thickness of 18mm
6591	Improving the Energy Efficiency of Light Rail Transit System in Malaysia Through the use of Regenerative Braking
6592	Segregation Of Recyclable Items Using Smart Dustbin
6593	Techno-Economic Analysis of a Hybrid Microgrid System
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6595	An Investigation On The Compression Behaviour Of Green Bricks Enhanced With Pennisetum Purpureum Ash
6596	Water Quality Parameter Prediction Using Machine Learning Method
6597	Optimization Analysis System of Pavement Maintenance On Surface Course: Cracking And Disintegration
6598	Thermoelectric Kettle Based Heat DC Generator
6599	Design of a Grid-Connected Battery Energy Storage System for Active Power Injection and Reactive Power Compensation
6600	Design and integration of valves controller for drone monitored solar irrigation system
6601	Performance Of Self-Curing Concrete Using Used Baby Diapers Polymer
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6604	Effect Of Chloride And Corrosion To The Potential Self-Curing Agent In High Performance Concrete Using Used Diapers Polymer
6605	Detection of Ferranti Effect Along Transmission Line in Rural Area
6606	Floating Solar with Multi Tracking System
6607	Modelling And Simulation Of Lightning Discharges On High Voltage Overhead Transmission Lines
6608	The Effects of Climatic Conditions on Solar Photovoltaic(PV) GEneration via Theoretical Modelling
6609	A Study of mechanichal properties of kenaf / solid glass microsphere / epoxy composite
6610	Low- Cost Solar Monitoring System Featuring Mobile Application
6611	Critical Success Factor Of Effective Project Time Managemant For Hydro Power Construction In Malaysia
6612	A study of NDT on the reinforced concrete composite by using ultrasound testing in comparison of current method
6613	Application Of Activated Carbon In Removing Pollutant From Polluated Water
6614	Active Synchronisation For Renewable Powored
6615	Potential Failure Mode Analysis For Chenderom Dam
6616	Development Of Automated Waste Water Quality-Control Sytem
6617	Forecasting Water Quality, Parameters By Neural Network Technique

6618	Study Performance Monitoring Activated Sludge At Sewage Treatment Plant Uniten
6619	Development Of Mycelium Interlocking Brick : Effect Of Size Of Biomass To Product Preformance
6620	Study Of Industrialised Building System Implementation Impact On Quality And Cost Towards Construction Project Performance
6621	A Study On The Flexural Behavior Of Green Bricks Improved With Elephant Grass Ash
6622	Properties Of Cement Mortars In Fresh And Hardened Condition Influenced By Banana Peel Ash
6623	Recurrent Neural Network (RNN) For Stream Flow Forecasting
6624	Battery Energy Storage On Voltage SAG Mitigation
6625	Investigation On Properties Of Concrete By Partial Replacement Of Cement With Corn Husks Ash
6626	Impact of Electric Vehicle Charging on Distribution Grid
6627	Development Of Mycelium Interlocking Brick : Effect Of Ratio Of Spawn To Biomass On The Product Performance
6628	Building Information Modelling (BIM) In Project Management For Building Maintenance
6629	Investigating Air Quality In Uniten Using Mathematical Analysis
6630	Assessing Assets On The Defects For Uniten COE Building, Maintanance And Sustainability
6631	Effect Of Linear Drying Shrinkage To The Potential Self-Curing Agent In High Performance Concrete Using Waste Diapers Polymer
6632	Road Assessment On Flexible Pavement Using Ground Penetrating Radar (GPR) At Uniten
6633	Large Scale Solar PV Plants Lightning Protection Design Under Transient Faults For System Realibility And Resiliency
6634	Effect Of Shielding Near Transmission Line
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6636	Design And Development Of An Energy Storage Using A High Efficiency Piezoelectric Windmill For Low Power Consuming Device
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6638	Decoder/Encoder Design Using QCA (Quantum Cellular Automata)
6639	IOT Based Fall Detection and Alert System for Elderly People
6640	Development of Water-Based Thermoelectric Power Generator
6641	Radar Cross Section On Ground Moving Target Of LTE Signal On Local Cars
6642	Development Of Optimal Sizing Of Energy Storage System For Sustainable Energy Utilization
6643	Harmonic Analysis Of Grid Connected Electric Vehicle
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6648	CFD modeling of particle deposition in a hest exchanger tube
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6652	Emi Data Measurement And Analysis Of Diffrent High Voltage Environment	
6653	Categorization and Sorting of Products on a Production Line Using Image Processing	
6654	Floating Solar PV for Small Load Application UNITEN	
6655	Smart Solar Powered LED Street Lighting	
6656	Thermo-Mechanical Properties Of Concrete Mortar With Cenosphere For Energy Efficient Building	
6657	Development Of Porous Asphalt Using Warm Mix Processes	
6658	Using Moringa Oleifera As Organic Coagulant To Remove Iron From Synthetic Water	
6659	A Study On Development Of Time Series Prediction For Phosphorous In Reservoirs	
6660	Synthesis and characterization of aptamar conjugated chitosan nanoparticles for drug delevery application	
6661	Investigation Of Ferrati Effect In Electrical Grid	
6662	The design raffles with optimal orientation to enhance the heat transfer in shell and tube heat exchanger	
6663	Co- digestion of malaysia ' agriculture wastes for biogas production	
6664	Cancer Cases And The Electromagnetic Fields And Waves Exposure	
6665	The Impact Of Solar Renewable Energy Installation On Levelised Cost Of Energy In UNITEN	
6666	Determination Of Transformer Lifespan Using Artifical Intelligence	
6667	Numerical analysis on the optimal angle of baffles in shell and tube heat exchanger to optimize rate of heat transfer	
6668	Feasibility study of solar powered thermoelectric refrigeneration system	
6669	Development of mobility	
6670	Optimal sizing and location of distributed generation for loss minimization using ant colony optimization	
6671	Development Of Regenerative Braking System For Electric Vehicles	
6672	Application Of Soya Bean Husk As Adsorbent To Remove Pollutants	
6673	Impact Of Different Photovoltaic System Size On Real And Reactive Power Flow On Distribution	
6674	Analysis Of Dynamic Stability In An Electrical Network During Post Islanding	
6675	Investigation On The Effect Of Electric Vehicle Charging On The Power Grid Voltage	
6676	Design of PWM Generator Controller of Reference Signals for Grid Connected Inverter	
6677	Design Of Energy Storage Controller To Mitigate Intermittency From Solar PV	
6678	Analysis Of large Area Substation Grounding Behaviour Under Transient fault Conditions For Different Lightning Parameter Models	
6679	Research and development	
6680	Synthesis and characterization on mechanichal behavior of YTZP with TiO2 addiion as top coat for thermal barrier coating application	
6681	Synthesis and characterization of graphene - based biomedical sensors	
6682	Development and testing of 1 kWp of floating solar platform	
6683	Analtsis on the functional range of mosquito duster using computational	
6684	Design and development of 3D photometry scanner	
6685	Simulation on the Control and Management of 100 KW Photovoltaic Grid Connected System	

6686	Design and Development of an Electrical Power Generator by Using Thermoelectric Modules Bi-Convex Lenses and Damped Soil Cooling System
6687	Shopping Trolley Using RFID Based on IoT
6688	Sign Language to Speech Translator Using Deep Learning
6689	Investigation on Improving GPS-based Distance Meter
6690	RECOGNITION OF NUTRIENTS FOR DIETARY ASSESSMENTS USING MOBILE IMAGES
6691	Vehicle Safety and Tracker System Notification
6692	Design and Implementation of Hydraulic Robotic Arm
6693	Investigation of Wireless Power Transmission Inductive
6694	Design Smart Maintenance Monitoring (E-Jobsheet) for TNB Substation
6695	Design And Analysis Of battery Energy Storage System For Photovoltaic System At Sport Arena UNITEN
6696	Investigation of SMF Length Towards Perfomance of Multiwavelength Random Fiber Laser Based on EDFA
6697	A Hybrid Optimization Technique For Solving Economic Emission Load Dispatch Problems
6698	Analysis of Different Substrate Type on 3D Printed Mikrostrip Patch Antenna for Wlan App
6699	Intelligent Irrigation System Energized By Solar Photovoltaic Power
6700	Electrical Protection in EV AC Charging Station
6701	Design of a Standalone Battery Charging Station for E-Bike and E-Scooter at UNITEN
6702	Design Of Solar PV Energy Storage Hydbrid System With Energy Management System For Office Building
6703	Implementation Of Under Voltage Load Shedding And Under Frequency Load Shedding To Prevent Power System Collapse
6704	Design and Simulation of a DC-DC Boost Converter with Pid Controller for Enhanced Perfomance in Industrial Sector
6705	Ultra High Frequency (UHF) Minlaturized Omni-Directional Antenna
6706	Grounding System For Solar PV Plants Under Various Soil Condition
6707	Fault Level Studies in a Low Voltage Distribution Network in the Presence of Small-Scale Distributed Generation
6708	Design and Develop Self-Assembly Robot Hardware, Algorithm and Software
6709	Implementing Peak Shaving In Commercial Building Considering Solar Photovoltaic And Energy Storage System
6710	Impact Of Distributed Generation On Voltage Stability
6711	Impact Of Power Generation Reliability With 20% Renewable Energy by 2025 in Peninsular Malaysia
6712	Impacts Of Solar Photovoltaic System To Voltage And Power Losses
6713	Development Gesture Control -Based Kinect Sensor For Sevomotor Robotic Hand
6714	Solar Powered Smart Garbage Monitoring Sytem
6715	Wireless Power Transmission Using Mini Tesla Coil For Domestic Loads
6716	Solar Powered Auto Irrigation System
6717	Voltage Sags Mitigation Using Photovoltaic Dynamic Voltage Restorer
6718	Development Of Arduino Operated Robotic Arm
6719	Solar Powered Water Pumping System For Homestay In Bagan Datuk Perak
6720	Geomagnetic Induced Current Analysis in a Hybrid PV Power System Network
6721	Implementation of Machine Learning Algorithm in Preventing Network Congestion

6722	Distributed Acoustic Sensing using Rayleigh Scattering in Fiber Optics for Perimeter Security: Laser Source Design
6723	Preliminary design of nuclear fuel intergrity test
6724	Synthesis and characterization of activated carbon from natural fibres for supercapacitor application
6725	Case Study in Smart Home Automation and Security
6726	Numerical analysis on liquid cooling system for lithium - ion battery module with different geometric flow channels
6727	The effect of kapok fiber (Kf) on properties of starch / pva film composite
6728	Evaluating the effect of optimizing solar energy against drag on a solar vehicle
6729	Performance analysis on solar powered water filtraction system with energy storage
6730	Development of Gesture Control Robot as Assistance for Firefighters
6731	Impact Study on Distributed Generation Specific on Power Quality
6732	Design of a Tev Sensor for Monitoring Partial Discharge on Metal-Enclosed Switchgear
6733	CFD invesitigation of flow separation in a horizontal separator equipped with in inlet diverter
6734	Analytical prodiction of gas hydrate formation condition for oil and gas pipeline
6735	Interlligent approach for fire - fighting detection in power industry
6736	Evaluation of mechanichal properties of 3D micro - composite material
6737	A simulation study of thermal and mechanichal performance of braking system performance using different type of materials
6738	Robotic IOT pet feeder to ensure proper health utilization and health monitoring
6739	Design and development of optimum modular carbon capture adsorption bed
6740	Investigate the noise exposure in UNITEN
6741	Developing a spreasheet - based simulator for solar usage rooftop installation assessment (SURIA)
6742	Design and development of lous case remotely operated vehicle (ROV)
6743	UHF Antenna for Partial Discharge Detection
6744	Modelling of Churn in Telecom Industry Using Machine Learning
6745	Identifying the Growth Phase of Microalgae using Image Processing
6746	Design and Implementation of Watt Meter
6747	Studying the Effects of Bypass Valve Opening to Energy Generated and Velocity Achieved by Robot
6748	Design and Implementation of Modbus System
6749	Camera Based Gesture Commands for Smart Home Applications
6750	Production of levulinate ester as fuel additive using various heterogeneous catalyst
6751	Effect of acid treatment on cao for calcium looping process
6752	Comprative study on municipal solid waste treatment technologies for malaysia
6753	Study on electricity demand projection and energy policy implications in malaysia
6754	Thermal comfort analysis for overhead and underfloor air distribution system
6755	Design and analysis of a sae mini baja chassis and suspension
6756	A study on neutron and gamma properties of areca nut for nuclear reactor shielding
6757	Fault detection of bearing using advanced artificial interlligence
6758	Design Solar Powered LED Street Light With Auto Intensity Control
6759	Solar Irradiation Tracking Devices On Solar Floating System

6760	Development Of Dc-Dc Converter For Regenerative Braking System In Light Rail Train
6761	Design And Analysis Of A Photovoltaic System For Uniten Sport Arena
6762	Restricted Earth Fault Relay Applications For Transformers In MATLAB Environment
6763	Low Cost Multi Direction Solar Tracker
6764	Solar PV- Baterry Storage DC Bus System For Residential Loads
6765	Design and Simulations of Hybrid Microgrid for a Remote Area
6766	Modeling of Partial Discharges in Polymeric Cables using Finite Element Method
6767	Impact of Unbalanced Power On Low Voltage Network in Malaysia
6768	Optimal Thermal Energy Storage Systems
6769	The Implementation of Solar Photovoltaic in Airport Airfield Ground Lighting System
6770	Design of Automatic Voltage Regulator Controller in Sim Power System Environment
6771	Reconstruction of PV Panel Based on Manufacturers Datasheet in MATLAB to Create a Database of Commercially Available PV for Simulation
6772	Design Proposal and Performance analysis simulation for a grid-connected solar PV system in Uniten
6773	Modelling of biogas production for malaysia agricultural substrate
6774	Design an energy system to harvest green energy from moving vehicles
6775	Effect of poofa on capturing carbon dioxides
6776	Mechanichal strengh of TiO2 Added dip coated Bi - 2212 Superconducting tape
6777	Analysis of Power Quality of Grid -Connected PV System
6778	Investigation of Protection Coordination wth Photovoltaic System Integration
6779	Voltage Stability Analysis And Contingency Ranking Using Fuzzy In Power System
6780	Simulation Of Fault Current Limiter In Reducing Fault Current
6781	Feasibility Of Floating Photovoltaic(PV) In Offshore Environments In Malaysia
6782	An Analysis Of Time-Of-Use Period for Residential Customer In Peninsular Malaysia Using K-Means Clustering Technique
6783	Real And Reactive Power Support For Voltage Regulation Utilizing Battery based Energy Storage
6784	Optimized Brushless Dc Motor(BLDCM) Controller for Electric Vehicle
6785	Comparison of Solar Water Pump System in Small Scale Irrigation
6786	Impact of Temperature and Irradiance Change on Solar Output Power Generation
6787	Analysis and Alleivaion of Non-Linear Load Harmonics in Microgrid Systems
6788	Smart Parking System for Uniten Student Parking Area
6789	Charging - Discharging Controller of Energy Storage System Integrated With Microgrid Applications
6790	Study On The Awareness of Community Towards Recycling Behaviour in Kuala Lumpur
6791	Study on effect of renewable energy implementation towards energy security in malaysia
6792	Effect of different atmosphere in pyrolysis of mixed plastics
6793	Energy efficiency in iron and steel manufacturing industry in malaysia
6794	Design and testing of magnetorheological fluid (MRF) Isolator to machine vibration
6795	Trip Generation for Allocation of Railway Stations
6796	Impact Of Active Cooling Application On Solar Panel Efficiency In Malaysia Climate
6797	Design and analysis of a shell eco marathon vehicle in prototype class

6798	The imprint analysis of casting defects using taguchi method
6799	Properties and characterization of banana stems / polyester resin composite
6800	Design and testing of magnetorheological elastomer (MRE) for vibration mitigation
6801	Optimization Of Solar And Wind Energy Utilization With Energy Storage
6802	The Properties of Sma 20 Prepared by Warm Mix Procedure at Different Temperature and Bitumen Grade
6803	Modeling of the Cement Clay Stabilized Column
6804	Correlation Study of Landfill Leachate Concentration, Different Particle Sizes of Soil and Resistivity for Prediction of Landfill Leachate in Shallow Groundwater
6805	Investigating the Application of Artificial Intelligence for Earthquake Prediction in Terengganu
6806	Investigation of Indoor Air Quality (Iaq): A Case Study in Universiti Tenaga Nasional
6807	Effect of Unburned Carbon From Fly Ash to the Concrete Properties
6808	Slope Risk Assessment for Hillside Development in Selangor: A Case Study of New Bungalow Construction
6809	The Effect of Different Curing Process For Self-Curing Concrete Using Used Diapers Polymer
6810	Quality of Bus Services in Urban Area : Case Study in Terengganu
6811	Public Bus On-Time Service Performance in Southern of Peninsular Malaysia
6812	The Effects of Harvesting on the Pollutant Removal Efficiency of Floating Wetland
6813	Passenger Load Factor for Bus Service Quality in Southern Peninsular Malaysia
6814	To Investigate and Review Banana Peel Efficiency in Removing Pollutants
6815	An Empirical Study of Public Health Practice Level During Pandemic Virus Case at Kl Public Transit Station
6816	Intelligent Home Appliances Classification and Consumptions Monitoring System Using IoT and Mobile Application
6817	Real Time Traffic Sign Recognition using Deep Learning
6818	Design of biogas plant for animal farm in malaysia
6819	Design and development of anti - sleep driving system using arduino ultrasonic ranging sensor and vibrating strering
6820	Investigate the indoor air quality in store room
6821	The effect of sintering scedule on iron powder (ASC 10029) mixed with aluminium powder formed at elevated temperature
6822	Mechanical and morphology studies of hybrid natural fiber composite
6823	CFD analysis of swirl imbalance in scared down furnace at different geometric condition
6824	Monitoring of Water Quality Parameters Before and After Treatment Plant
6825	A Study on The Mechanical Properties of Polymer Concrete Containing Polypropylene Fiber
6826	Study of Road Accident Prediction Model by Using Pls-Sem
6827	Aerial Mapping Analysis of Uniten Lab Construction Site Using Photogrammetry of Uavs (Unmanned Aerial Vehicles)
6828	Study of Causes Affecting Time Overrun of Construction For Contractor Grade G4 in Kuala Lumpur, Malaysia
6829	Fuzzy Logic Rule-Based Dimmable Street Lighting System
6830	Condition Monitoring of Wind Turbine Based on IoT Collected
6831	Characterization of industrial waste derived calcium oxide catalyst for biodiesel production effect of calcunation conditions

6832	Implementing voice reognition
6833	Binderless compaxtion of AC / MOF composite for carbon capture and storage
6834	Investigation on the performance of micro wind turbine developed using air conditioner exhaust air to generate
6835	A Comparative Study of Warm Mix Asphalt at Different Temperatures and Bitumen Grades
6836	Effect of Fine Aggregate Replacement with Composite Plastic Bamboo Fibre into Fresh and Hardened Concrete
6837	Design an ergonomics material handling trolley for librarian
6838	Experimental study on Bio -methane production exhancement from malaysia
6839	Development Of Monitoring And Evaluation Framework For Construction Quality In Selangor By Using Partial Least Square-Structural Equation Model
6840	Case study design harvesting energy mechansim for water heating at glove's company
6841	Chemical Precipitation Of Electroless Nickel Real Spent Rinse Wastewater Treatment
6842	Thermal Properties Of Concrete Containing Cenosphere And Phase Change Materials
6843	Evaluation of mechanichal properties of 3D nan - composite material
6844	Design of hand gesture control by using gyro sensors and arduino to control fan movement and speed
6845	Design and development of a rugby ball kicking robot
6846	Investigation Of Energy Recovery System (ERS)Of Train Braking Regenerative Energy For Enhancing Receptivity And Energy Efficiency(3 phase To De Converter)
6847	Design and development of high -speed running legged robot
6848	The designing process of productivity attributes towards the SME industry by using the lean tool
6849	Effect Of E-Waste Modified Asphalt Binders In The Performance Of Stone Mastic Asphalt Mixture
6850	Design and development of automated roof activation for outdoor cloth hanger
6851	Design and development of a condensate harvesting system from household air conditioner
6852	Investigation of various reflecting materials on parabalie solar thermal collector
6853	Numerical evaluation of biomass and plastic through ultimate analysis for power generation
6854	Experimental investigation of heat transfer
6855	Design and development of cooling solar panel system
6856	The gap analysis quantification towards smart cooling system of attic ventilation in improving and developing
6857	The effect of neutron irradiation on BI -2223 superconductor
6858	Analysing the energy consumtions and potential energy and cost savings in a factory
6859	The use of robotics and the internet of things (IOT) in tv & film industry to counter the impact of the covid -19 pandemic
6860	Synthesis and characteristic of zirconium (ZR) based on metal organic gel (MOG)
6861	Mixed shear mode and compression mode MRE isolator
6862	An analysis of the presence of work - related muscuiosreleted disorder(wmsd) in a malaysia industry
6863	Mechanical properties of nanosized MgO added Bi - 2223 superconductor

6864	Optimization Of Fly Ash Amount With A Constant Sequestered Carbon Dioxide In Concrete
6865	CFD simulation of non -equilbrium two - phase flow in a nozzle
6866	To investigate the potential of EFB fiber using acid pre - treatment method to exhance the biogas
6867	The study of glycerulysis reaction for waste cooking oil (WCO)
6868	The empirical study on customer satisfaction by using the intergration of manufacturing tools in service industry
6869	The effects of different ZIFS on removal
6870	Study of future energy demand projection and policy implication for the industry sector in malaysia
6871	Development of a numerical metal for heat transfer optimization in radiant cooling panel
6872	Industrial revolution 4.0 enhancing e- commerce technology in operation management to sustain economy at malaysia
6873	Investigation into the use of 3D printed demonstration models in undergraduate engineering
6874	Fabtication of BI -2223 superconducting tapes using dip coating technique
6875	Analysis Of Environment Impact Based On Case Study Of Concrete Product And Transportation Process
6876	Development of portable device for student attendance system
6877	Acoustic performance of empty fruit bunch natural fibre in different densities with 14mm thickness
6878	Design of easly accessible scraper
6879	Development of pooja oil from waste cooking oil
6880	Electrical properties of nanorized Mgo added Bi -2223 superconducter
6881	Development of solar powered egg incubator
6882	Design of windpowered generator for portable batteries
6883	Thermal conductivity and dielectric of solid glass microsphere and epoxy composite
6884	Automated Aeroponic farm with alert system
6885	Design and development of chicken manure odor elimination system
6886	Fabrication and investigation of cellulose oil palm empty fruit branch graphene quantum dots for dye
6887	Design of pedal - powerer vehicle
6888	Mechanichal properties and hydrothermal degradation properties of 3 mol% y -TZP based composite as bone implant
6889	Evaluation of mechanical properties of solid glass microsphere (SGM) composite material
6890	Solar powered street light lamp post with capability 10 repel mosquitoes
6891	Synthesis and analysis of natural derived wollastonite as biomaterial application
6892	Design and development
6893	Overcome CBC line defect by applying dmaic method
6894	Extraction and characterization of cellulose from oil palm empty fruit bunch for absortion test
6895	Synthesizing BSCCO2223 trough cop
6896	Design and prototype development of smart wardrobe
6897	Properties of stacrh biocomposite made from rice husk cellulose nanocrystal and cassava starch
6898	Evaluation Of Geomagnetic Power Induced Current In Power System

6899	Implementing A Small Scale Wind Turbine Along The Highways In Malaysia
6900	Enegy Integrated System In Vehicle Using Photovoltaic System And Fuel Cell Technology
6901	Study on morphology of nanosized MgO added Bi - 2223 superconductor
6902	Design And Development Of A Solar And Wind Powered Forest Fire Detector With Wireless Communication System
6903	Assessment of technical losses and cost benefit analysis for optimal planning in distribution network
6904	Burst-switched IP over DWDM networks: Energy analysis and contention resolution
6905	CFD analysis of flow and combustion in a 120 MW gas-fired full scale industrial boiler
6906	Characterization of polyethylene terephthalate (PET) - hydroxyapatite (HA) nano-biocomposite produced by electrospinning for skin scaffold application
6907	Acoustic performance of empty fruit bunch natural fibres in different thickness with 180 kg / m3 density
6908	Thermo-Generator Powered Street Lighting System
6909	Productivity improvement of a manual assembly line for exhaust system
6910	Mechanichal properties
6911	Fast co - pyrolsis of biomass and waste plastic for high yield bio -oil production
6912	Characterization Of Fault In Stator Insulaton By partial Discharge
6913	Controller design of a bidirectional isolated DC-DC converter for PV output power leveling
6914	Characterization study and utilization of Cameron Highlands reservoir sediments as usable products
6915	Characterization of rock slope deterioration illustrated by the study of a granite rock slope and an amphibolite schist rock slope
6916	Optimal sizing and location of distributed generation for power loss minimization using bee colony algorithm
6917	Conversion of waste Cooking Oil and waste Plastics Into Bio Hydrocarbon
6918	Design and analysis of multi-wavelength fiber laser based on brillouin and hybrid gain medium
6919	Comprehensive fault location schemes for power distribution systems with and without distributed generation units
6920	Conditioning of shunt static var compensators for load current balancing and power factor correction
6921	Conversion of Malaysian iron ores into industrial grade red colour pigment
6922	Design and analysis of analog network coding for QPSK and QAM modulation schemes
6923	Design of energy absorber for crashworthiness application
6924	Design and analysis of a fiber bragg grating based erbium-doped fiber laser pressure sensing system
6925	Data retrieval via wireless devices: GPA and CGPA
6926	Design of a beat frequency oscillator based metal detector using zigbee wireless technology
6927	Cost effectiveness and benefit evaluation of net energy metering
6928	Design and analysis of curved ultra wideband antenna
6929	Cutting tool deflection and workpiece accuracy
6930	Development of Ultrasonic Oil Measurement ...
6931	The Effect of Biodiesel...

6932	Development of gantry radial arm robotic system for corrosiun inspection on wall reactor tank TRIGA
6933	Experimental and numerical investigations of backside convective cooling mechanism on photovoltaic panels
6934	Design& development of organic sugarcane molassses production machine
6935	Implementation of micro hydroelectric generation system using vortex turbines in malaysia river
6936	Simulation of PCM quantity requirement for solar PV panel cooling and design of its
6937	Thermal Management Control Strategies Of Battery Energy Storage
6938	Study on graphene quantum dot for solar cell application
6939	Numerical Investigation on the Optimal Tube Shapes in Helical Coil Heat Exchanger to Optimizze
6940	SMART CARBON MONOXIDE PREDICTION MODEL FOR BETTER URBAN AIR QUALITY MANAGEMENT
6941	Synthesis and Characterizations of UIO - 66 using commercial recyled polyethylene terephtalate (RPET)
6942	Design And Development of An Affordable Multi-Channel USB Audio Inteface for Music Recording
6943	Comparison Of Pile Axial Loading Design Base On Eurocode 7 And British Standard
6944	Fire Behaviour Of Cement Mortar With Recycle Rubber Slippers
6945	Wireless Monitoring System for Forest Conservation Effort
6946	TECHNO - ECONOMIC ANALYSIS OF BIOSEL PELLET PRODUCTION IN KADA REGION
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6948	Performance Investigation of A Double Pipe Heat Exchanger...
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6951	Range Estimator For Electric Unicycle Using Weight Sensor
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6955	Pre-Processing Enhancement For Rentinal Blood Vessel Segmentation
6956	Potential of Biogas Production Using CO - Digestion Method Between Food Waste (FW)...
6957	The Effects of Different Thickness on Microstructure and Acoustic Properties on oil palm frond natural....
6958	Rotor Angle Stability With High Penetration Of Renewable Energy Resorces
6959	Visual Inspection of Road Assets
6960	Development Of An Intelligent System For Fault Detection And Monitoring Of A Distribution System
6961	Pneumonia Detection From X-Ray Images With Deep Convolutional Neural Network
6962	Air Quality Monitoring System
6963	Technology Improvement on cars to reduce greenhouse gas effect in Malaysia
6964	Design and Synthesis of Graphene ...
6965	Design And Development of Automated tire inflation system
6966	Analyzing The Potential Of Genetic Algorithm For Maximum Power Point Tracking In Wind Energy Conversion System In Malaysia

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6968	Effect of Holding Time and Temperature to the Sintered Characteristic of Alloy Formed...
6969	Study Water Harvesting Device's Efficieny To Variation Of Environmental Factors
6970	A Wifi Based Geiger Counter with ESP32 Devkit VI Wifi...
6971	Bottle Cap Inspection Machine Using Arduino Uno With Open CV Library Source
6972	Design And Implementation Of The Smart Energy Home Environment An IoT Platform
6973	Texture Coefficient and Crystallite size of Electron Irradiated Bi -2223 Superconductor
6974	Design and Development of Dry Fermentation Anaerobic Digestion...
6975	The Longgitudinal Study On Imprint's Quality Control....
6976	Multiwavelength Random Fibre Laser with Highly Nonlinear Fibre as Gain Medium
6977	Statistical Flood Forecasting Using Stage Regression Method For Damansara River Basin
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6981	Study Of Temperature Effect Toward Different Type Of Surface
6982	Design and Development of Smart Feeder Integrated with IOT System
6983	Investigation Of Quality Of Stormwater Runoff In Various Location
6984	Recylable Waste Materials Recognition Using Deep Learning Framework
6985	The Effect Of Cenosphere And Thickness For Impact Resistance Of Leca Lightweight Concrete With Polypropylene Fiber
6986	Speed Monitoring And Controlling Of Wind Turbine Through IoT Cloud
6987	IoT based Diabetic Ketoacidosis (DKA)Monitoring For Diabetic Patients
6988	Simulation Studies of Antimony (Sb)...
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6991	Measures Of Quality Performance For Bus Services In Kuching
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6994	Study On The Relationship Of Noise Pollution and Traffic Volume at Puchong Residential Area
6995	Improving Performance Of CIGS Thin Film Solar Cells Numerical Modelling Through The Interface Behaviours
6996	Design and Development of Dispancer for Sambal hitam packaging
6997	Computation and Experimental Analysis...
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7001	Development Of An Android Application For Smart Door Lock System
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7003	Home Automation (Light)With Voice Command System Controlled By Mobile Application
7004	Wireless Sensor Network For Capsule Vehicle Application

7005	Feasibility study on developing Biogas - Based powerplant in Teluk Intan , Perak
7006	Object Detection for Safety Attire Using Faster R-CNN
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7008	Software -Based Attendance System Using Web Technology
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7012	A Smart Energy Management System To Manage and Optimize Household Energy Consumption
7013	Development Of An Intelligent Temperature Controller For Energy Storage System In EV Applications
7014	SMART ENERGY REFLEXOLOGY TILE
7015	Building A.WI-FI Based Geiger counter with ESP32...
7016	National Greenhouse Gas Inventory...
7017	Design & Development of a Safe and Efficient to clean the ceiling fan
7018	Research about Management of Production in Food Industry...
7019	Low Profile Compact Omnidirectional Antenna With High Efficiency
7020	A Study On The Engineering Performance Of Cement Based Bricks Enhanced With Banana Leaf Ash
7021	Design CMOS Memristor-Based Logic Gates
7022	Assessing The Safety Of Assets Affected By Landslides In Cameron Highlands
7023	IoT Based UNITEN Bus Tracking System
7024	Design And Implementation Of A Portable Signal Analyzer For Residence Low Voltage (LV)
7025	Effect Of Rubberized Bitumen Reinforced With Trans-Polyoctenamer Of Hot Mix Asphalt
7026	Exploring the value of Customer Feedback in Quality Management for Product Quality Improvement
7027	Formation And Characterization of ZIF- 8 Composite as Electrode Material
7028	IP Web-Based Scada System
7029	Performance Analysis Of L2 And L3 VPN Using Combination Of ENSP And Real Hardware
7030	Monitoring Campus Streetlights Using Zigbee Wireless Sensor Network
7031	Vehicle Make And TypeClassification Using Keras Deep Neural Network
7032	Power Quality Disturbances Classification Using Dimensionality
7033	The Effects of Different Thickness on the Microstructure and Acoustic..
7034	Design Of A Low Power Solid State Transformer
7035	Evaluation And Concept Design Of Remaining Life Determination System For Power Asset In Utilities Electrical Substations
7036	WATER QUAILTY MAPPING AND ANALYSIS FOR STAGNANT WATER BODY
7037	Feasibility study of traffic impact assessment at jalan TUDM, Shah Alam, Selangor
7038	Development Of A Solar Sensor Based Water Sprinkler For Home Chilli Farming
7039	Measurement Of Artificial Partial Discharge Sources
7040	Development Of Piezoelectric Energy Harvester For Mobile Phone Charger
7041	Design And Performance Of A Transmission Tower Earthing System In Highly Rocky Soil Condition
7042	Smart Rubbish Can With Solar Energized Compactor
7043	A Study Of Third Harmonic Voltage Injection Pulse Width Modulation Technique In Voltage Source Inverter

7044	Development Of A Device To Measure Small Current For Lightning Arrester Monitoring
7045	Cost Benefit Analysis (CBE) For Mitigation Measures Natural Rock Erosion At Kenyir Hydropower Dam Spill Way
7046	STUDY ON NOISE LEVEL DUE TO TRAFFIC VOLUME: A CASE STUDY AT SERDANG AREA
7047	Dispatch Control Of Photovoltaic (PV) Output Power Using Battery Energy Storage System In An Autonomous Nanogrid
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7049	Analysis On The Impact Of Palm Oil Empty Fruit Bunch (PEFB) Biomass Energy Connected To The Network Grid
7050	Smart Security System Using PIR Sensors
7051	Development Of Portable Hydro Energy Device
7052	Design Improvement of a Wall - mounted Air Conditioning Unit Cross - flow Fan
7053	Design and Development of Exoskeleton and Mechanical Parts for Legged Robot
7054	Improvement Of Energy Effficiency Of District Cooling System For Smart University
7055	The Effect Of Baby Diapers Polymer To High Performance Self-Curing Concrete
7056	Characterization of red soil as oxygen carrier ..
7057	Network Reconfiguration With Soft Open Point (SOP) To Minimize Distribution Loss
7058	Investigation Of Mechanical Properties Of Water Hyacinth Fiber Ash In Reinforced Concrete
7059	Design and Development of energy harvesting system...
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7062	Design And Development Of Solar Power Charger For Electrical Devices
7063	Investigation On Properties Of Concrete By Partial Replacement Of Cement With Mango Leaves Ash
7064	Design Of Bidirectional Power Transfer For Electric Vehicle Charger
7065	Chemical Precipitation of Nickel Heavy Metal From Electroplating Real Spent Rinse Wastewater Using Soda Ash
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7075	Landslide Inventory And Safety Classification
7076	Research About Management of Production in Food Industry to Achieve Lean Manufacturing
7077	Effect Of Chicken Bones On Compressive Strength And Permeability Features Of Permeable Concrete Pavement
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7080	Small angle neutron scattering (SANS) study..
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7085	Free convective heat transfer in inclined wavy..
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7088	Efficiency Enhance By Implementing Sun Tracker Panel
7089	Simulation Of Hybrid Energy Storage System(HESS)For Renewable Energy
7090	Investigation On Kenaf Fibre (KF) - Fly Ash (FA) Hybrid Epoxy Composite For Electrical Insulator Application
7091	Analysis Of Modular Tank In Compressed Air Storage Energy System (CAES) At Low Pressure For Backup Power
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7093	Energy Havesting From Wasted Heat By Using Thermoelectric Generator (TEG)
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7095	Development Of Auto Light Intensity Controller For Streetlights
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7105	Cellular manufacturing in process industry..
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7113	An Advance Ozone Concentration Prediction By Implementing Machine Learning Algorithms In Selangor And Kuala Lumpur Malaysia
7114	Single Pile Capacity Analysis In Fined Grained Soil And Concrete Wastage Tracking Using Excel Sheet
7115	Model For Study Harmonics From Household Loads
7116	Study Of Using Both Waste Plastic Bottles And Waste Concrete Aggregate In Asphalt Mixture
7117	Noise Measurement Level At A Construction Site In Selangor, Malaysia
7118	Potential of Biogas Production Using Co-Digestion Method Between Food Waste (FW) and Palm Oil Mill Effluent (Pome)

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7120	Smart drainage litter collector
7121	Quality environment , still relevant..
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7123	Study on High Impact Weather (Hiw) and Impact Based Forecasting (IBF) for Kelantan River Basin
7124	Investigation of Hardened Concrete Properties for Concrete Mix Designed with Durian Shell Ash as Cement Replacement
7125	Preliminary Study of Banana Stem Juice as a Natural Plant Based Coagulant
7126	Analysis Of The Residential Solar Power Installation With Solar Tariff
7127	An Adaptive Overcurrent Protection Scheme of Distribution Networks With DG Penetration
7128	Design and development of outer variable diameter pipe cleaning system
7129	A Novel Hybrid Time Series Prediction Model for Dissolved Oxygen In Reservoir
7130	Design of multi terain mobile carrier robot
7131	Development Of Fault Zone Indentification Technique For Fault Location In A Medium Voltage Distribution Network
7132	Characterization of Brown Color Pigment ..
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7134	Evaluation Of 5-Level Statcom For Power Quality Improvement
7135	Voltage Drop Improvement Of Universiti Tenaga Nasional Distribution Line Through Solar Panel Injection Of Large And Small Scale Simulation Matlab
7136	Rainwater Harvesting System With Power Generation For Domestic House
7137	Design and analysis of solar powered palm harvester
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7143	Effects of Crumb Rubber Modified Bitumen to Marshall Stability and Flow of Hot Mix Asphalt
7144	Microcontroller Based Low Voltage Fault Position Locator
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7147	The Improvment Of Strength Of Waste Soil From Landfill Using Lime And Eggshell Powder
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7158	Development of Manipulator ARM for Omnidirectional Mobile Past

7159	The Influence Of Insulation Physical And Geometrical Parameters On Transients Occuring Within Power Cables
7160	Design Lightning Protection System For College Of Engineering
7161	Design and Development of rapid dryer..
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7169	Developing A Guideline In Arresting Power System Oscillation During Transient Conditions
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7173	Analysis On The Impact Of Renewable Energy To Power Supply Reliability
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7175	Design , fabricate and testing of magnetorheological elastomer (MRE)..
7176	DC Traction Power Quality Analysis Using Multiphase Rectifier Transformer System
7177	Design and development weighing..
7178	Bus Tracking System Using Lorawan Protocol
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7182	Design An Auto-Reclose At Transmission Line Based In MATLAB Simulink
7183	The Performance Of Diapers Polymer As An Internal Curing Agent In High Performance Concrete For Mechanical Properties
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7187	Study and Design of Academic Board Game (AB-BGAME 2.0) using Quality Function Deployment Procedure
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7189	Design and Development of Automatic Fish Feeder
7190	CFD investigation of aerodynamics swirl flow in square
7191	Cellulose Based Aerogel from Banana Peel for Oil Spill Cleaning
7192	Developing Models for Energy Demand and Greenhouse Gas Emission Projection in Malaysia.
7193	Design and development of removable wheel mechanism
7194	Effect of Bell Willing Process on Color Properties of Red Pigment from Fludized - Bed Waste
7195	Dynamic testing on MRE Vibration isolator using universal testing machine
7196	Feedback Control Of An Isolated Single- Ended Primary Inductance Converter (SEPIC)
7197	Effect of High Energy Blending Process on Color Properties of Red Pigment from Flvidited Bed Waste

7198	EconomicImpact Of Solar Net Energy Metering Between Malaysia And Singapore
7199	Design of Robotic Walking Device for Physically Disabled Children
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7201	Numerical Investigation on Thermal Performance of Photovoltac Thermal Collector (PVT) System
7202	A Study of Human Factors and Ergonomics in Designning workplace to Improve Saafety and Health
7203	Synthesis and Characterization of Cellulose Derived Solid Acid Catalyst for Biodiesel Production