





# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

11	CE/CSE/EC/EEE/ME/MR	Common to all Branches	EST 120	BASICS OF CIVIL & MECHANICAL ENGINEERING	2019
12	CE/CSE/EC/EEE/ME/MR	Common to all Branches	HUN 102	PROFESSIONAL COMMUNICATION	2019
13	CE/CSE/EC/EEE/ME/MR	Common to all Branches	EST 102	PROGRAMMING IN C	2019
14	CE/CSE/EC/EEE/ME/MR	Common to all Branches	PHL 120	ENGINEERING PHYSICS LAB	2019
15	CE/CSE/EC/EEE/ME/MR	Common to all Branches	ESL 120	CIVIL & MECHANICAL WORKSHOP	2019
16	CE/CSEC/EEE/ME/MR	Common to all Branches	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015
17	CE/CSEC/EEE/ME/MR	Common to all Branches	HS200	Business Economics	2015
18	CE/CSEC/EEE/ME/MR	Common to all Branches	HS210	Life Skill	2015
19	CE/CSEC/EEE/ME/MR	Common to all Branches	MA202	Probability Distribution Transforms and Numerical Methods	2015
20	CE/CSEC/EEE/ME/MR	Common to all Branches	HS300	PRINCIPLES OF MANAGEMENT	2015
21	CE	Civil Engineering	CE201	Mechanics of Solids	2015
22	CE	Civil Engineering	CE203	Fluid Mechanics I	2015
23	CE	Civil Engineering	CE205	Engineering Geology	2015
24	CE	Civil Engineering	CE207	Surveying	2015
25	CE	Civil Engineering	CE231	Civil Engineering Drafting Lab	2015
26	CE	Civil Engineering	CE233	Surveying Lab I	2015
27	CE	Civil Engineering	CE202	Structural Analysis I	2015
28	CE	Civil Engineering	CE204	Construction Technology	2015
29	CE	Civil Engineering	CE206	Fluid Mechanics II	2015
30	CE	Civil Engineering	CE208	Geotechnical Engineering I	2015

M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL

Jyothi Engineering College  
Cheruthuruthy P.O.-679 531



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31	CE	Civil Engineering	CE232	Material Testing Lab I	2015
32	CE	Civil Engineering	CE234	Fluid Mechanics Lab I	2015
33	CE	Civil Engineering	CE301	Design of Concrete Structures I	2015
34	CE	Civil Engineering	CE303	Structural Analysis II	2015
35	CE	Civil Engineering	CE305	Geotechnical Engineering II	2015
36	CE	Civil Engineering	CE307	Geometrics	2015
37	CE	Civil Engineering	CE309	Water Resources Engineering	2015
38	CE	Civil Engineering	CE365	Functional Design of Buildings	2015
39	CE	Civil Engineering	CE371	Environment and Pollution	2015
40	CE	Civil Engineering	CE341	Design Project	2015
41	CE	Civil Engineering	CE331	Material Testing Lab II	2015
42	CE	Civil Engineering	CE333	Geotechnical Engineering Lab	2015
43	CE	Civil Engineering	CE302	Design of hydraulic Structure	2015
44	CE	Civil Engineering	CE304	Design of Concrete Structures II	2015
45	CE	Civil Engineering	CE306	Computer Programming and Computational Techniques	2015
46	CE	Civil Engineering	CE308	Transportation Engineering – I	2015
47	CE	Civil Engineering	HS300	Principles of Management	2015
48	CE	Civil Engineering	CE374	Air Quality Management	2015
49	CE	Civil Engineering	CE332	Transportation Engineering Lab	2015
50	CE	Civil Engineering	CE334	Computer Aided Civil Engineering Lab	2015
51	CE	Civil Engineering	CE352	Comprehensive Exam	2015
52	CE	Civil Engineering	CE401	Design of Steel Structures	2015
53	CE	Civil Engineering	CE403	Structural Analysis III	2015

Dr. SUNNY JOSE  
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54	CE	Civil Engineering	CE405	Environmental Engineering – I	2015
55	CE	Civil Engineering	CE407	Transportation Engineering II	2015
56	CE	Civil Engineering	CE409	Quantity Surveying and Valuation	2015
57	CE	Civil Engineering	CE469	Environmental Impact Assessment	2015
58	CE	Civil Engineering	CE451	Seminar & Project Preliminary	2015
59	CE	Civil Engineering	CE431	Environmental Engineering Lab	2015
60	CE	Civil Engineering	CE402	Environmental Engineering – II	2015
61	CE	Civil Engineering	CE404	Civil Engineering Project Management	2015
62	CE	Civil Engineering	CE462	Town and Country Planning	2015
63	CE	Civil Engineering	CE474	Municipal Solid Waste Management	2015
64	CE	Civil Engineering	CE492	Project	2015
65	CE	Transportation Engineering	08MA6201	Applied Statistics And Probability	2017
				Fundamentals Of Fundamentals Of Traffic Engineering	2017
66	CE	Transportation Engineering	08CE6201		2017
67	CE	Transportation Engineering	08CE6203	Pavement analysis and design	2017
68	CE	Transportation Engineering	08CE6205	Urban Transportation	2017
69	CE	Transportation Engineering	08 CE6215	Road Safety Engineering	2017
70	CE	Transportation Engineering	08GN6001	Research Methodology	2017
71	CE	Transportation Engineering	08CE6291	Seminar	2017
72	CE	Transportation Engineering	08CE6293	Pavement Engineering Lab	2017
73	CE	Transportation Engineering	08CE6202	Regional Transportion planning	2017
74		Transportation Engineering	08CE6204	pavement construction evaluation and mainatance	2017

Dr. J. SURESH JOSEPH, M.Sc., M.Phil., M.Tech., MCA, M.B.A., Ph.D. (Computer Science), Jyothi Engineering College, Cheruthuruthy, P.O. 679531



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75	CE	Transportation Engineering	08CE6206	Advanced traffic Engineering	2017
76	CE	Transportation Engineering	08CE6214	Gis And Its Applications In Transportation Engineering	2017
77	CE	Transportation Engineering	08CE6224	Intelligent Transportation System	2017
78	CE	Transportation Engineering	08CE6292	Mini Project	2017
79	CE	Transportation Engineering	08CE6294	Transportation Engineering Lab	2017
80	CE	Transportation Engineering	08CE7201	Highway Geometric Design	2017
81	CE	Transportation Engineering	08CE7219	Low Volume Roads	2017
82	CE	Transportation Engineering	08CE7291	Seminar II	2017
83	CE	Transportation Engineering	08CE7293	Project (Phase 1)	2017
84	CE	Transportation Engineering	08CE7294	Project (Phase 11)	2017
85	CS	Computer science and Engineering	CS201	Discrete Computational Structures	2015
86	CS	Computer science and Engineering	CS 203	Switching Theory and Logic Design	2015
87	CS	Computer science and Engineering	CS 205	Data Structures	2015
88	CS	Computer science and Engineering	CS207	Electronics Devices & Circuits	2015
89	CS	Computer science and Engineering	CS 231	Data Structures Lab	2015
90	CS	Computer science and Engineering	CS233	Electronics Circuits Lab	2015
91	CS	Computer science and Engineering	CS 202	Computer Organization and Architecture	2015
92	CS	Computer science and Engineering	CS 204	Operating Systems	2015
93	CS	Computer science and Engineering	CS 206	Object Oriented Design and Programming	2015
94	CS	Computer science and Engineering	CS 208	Principles of Database Design	2015
95	CS	Computer science and Engineering	CS232	Free and Open Source Software Lab	2015
96	CS	Computer science and Engineering	CS234	Digital Systems Lab	2015

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97	CS	Computer science and Engineering	CS301	Theory of Computation	2015
98	CS	Computer science and Engineering	CS303	System Software	2015
99	CS	Computer science and Engineering	CS305	Microprocessors and Microcontrollers	2015
100	CS	Computer science and Engineering	CS307	Data Communication	2015
101	CS	Computer science and Engineering	CS309	Graph Theory and Combinatorics	2015
102	CS	Computer science and Engineering	CS361	Soft Computing	2015
103	CS	Computer science and Engineering	CS367	Logic For Computer Science	2015
104	CS	Computer science and Engineering	CS365	Optimization Techniques	2015
105	CS	Computer science and Engineering	CS333	Application Software Development Lab	2015
106	CS	Computer science and Engineering	CS331	System Software Lab	2015
107	CS	Computer science and Engineering	CS341	Design Project	2015
108	CS	Computer science and Engineering	CS302	DESIGN AND ANALYSIS OF ALGORITHMS	2015
109	CS	Computer science and Engineering	CS304	COMPILER DESIGN	2015
110	CS	Computer science and Engineering	CS306	COMPUTER NETWORKS	2015
111	CS	Computer science and Engineering	CS308	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	2015
112	CS	Computer science and Engineering	CS364	MOBILE COMPUTING	2015
113	CS	Computer science and Engineering	CS368	WEB TECHNOLOGIES	2015
114	CS	Computer science and Engineering	CS372	HIGH PERFORMANCE COMPUTING	2015
115	CS	Computer science and Engineering	CS366	Natural Language Processing	2015
116	CS	Computer science and Engineering	CS362	Computer Vision	2015
117	CS	Computer science and Engineering	CS332	MICROPROCESSOR LAB	2015
118	CS	Computer science and Engineering	CS334	NETWORK PROGRAMMING LAB	2015

*Sunny*

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119	CS	Computer science and Engineering	CS401	Computer Graphics	2015
120	CS	Computer science and Engineering	CS403	Programming Paradigms	2015
121	CS	Computer science and Engineering	CS405	Computer System Architecture	2015
122	CS	Computer science and Engineering	CS407	Distributed Computing	2015
123	CS	Computer science and Engineering	CS409	Cryptography & Network Security	2015
124	CS	Computer science and Engineering	CS465	Bio Informatics	2015
125	CS	Computer science and Engineering	CS467	Machine Learning	2015
126	CS	Computer science and Engineering	CS463	Digital Image Processing	2015
127	CS	Computer science and Engineering	CS431	Compiler Design Lab	2015
128	CS	Computer science and Engineering	CS451	Seminar & Project Preliminary	2015
129	CS	Computer science and Engineering	CS402	Data Mining and Warehousing	2015
130	CS	Computer science and Engineering	CS404	Embedded System	2015
131	CS	Computer science and Engineering	CS468	Cloud Computing	2015
132	CS	Computer science and Engineering	CS472	Principles of Information Security	2015
133	CS	Computer science and Engineering	CS492	Project	2015
134	CS	Computer science and Engineering	CS466	Data Science	2015
135	CS	Computer science and Engineering	CS464	Artificial Intelligence	2015
136	CS	Computer science and Engineering	CS462	Fuzzy set Theory and applications	2015
137	CS	Computer science and Engineering	EC482	Biomedical Engineering	2015
138	CS	Computer science and Engineering	08 CS 6011	Operating System Design	2015
139	CS	Computer science and Engineering	08 CS 6021	Advanced Data Structures	2015
140	CS	Computer science and Engineering	08 CS 6031	Advanced Database Technology	2015
141	CS	Computer science and Engineering	08 CS 6041	Mathematical Foundations of Computer Science	2015

*Amulya*

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142	CS	Computer science and Engineering	08 CS 6051	Advanced Networking Technologies	2015
143	CS	Computer science and Engineering	08 GN 6001	Research Methodology	2015
144	CS	Computer science and Engineering	08 CS 6071(P)	Seminar I	2015
145	CS	Computer science and Engineering	08 CS 6081(P)	Advanced Data Structure Lab	2015
146	CS	Computer science and Engineering	08CS6012	ADVANCED COMPILER DESIGN	2015
147	CS	Computer science and Engineering	08CS6022	INFORMATION RETRIEVAL	2015
148	CS	Computer science and Engineering	08CS6032	EVOLUTIONARY COMPUTING	2015
149	CS	Computer science and Engineering	08CS6042	BIG DATA	2015
150	CS	Computer science and Engineering	08CS6052	CLOUD COMPUTING	2015
151	CS	Computer science and Engineering	08CS6062(P)	MINI PROJECT	2015
152	CS	Computer science and Engineering	08CS6072(P)	DATA MINING AND ANALYTICS LAB	2015
153	CS	Computer science and Engineering	08 CS 7021	Theoretical Computer Science	2015
154	CS	Computer science and Engineering	08 CS 7011	Ethical Hacking	2015
155	CS	Computer science and Engineering	08 CS 7031(P)	Seminar II	2015
156	CS	Computer science and Engineering	08CS7041(P)	MASTERS RESEARCH PROJECT (PHASE I)	2015
157	CS	Computer science and Engineering	08CS7012(P)	MASTERS RESEARCH PROJECT (PHASE II)	2015
158	ECE	Electronics and Communication Engineering	EC201	Network Theory	2015
159	ECE	Electronics and Communication Engineering	EC203	Solid State Devices	2015
160	ECE	Electronics and Communication Engineering	EC205	Electronic Circuits	2015
161	ECE	Electronics and Communication	EC207	Logic Circuit Design	2015

*Amrutha*

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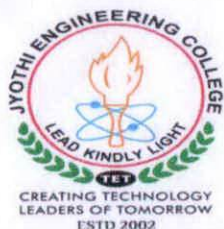
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		Engineering			
162	ECE	Electronics and Communication Engineering	EC231	Electronic Devices & Circuits Lab	2015
163	ECE	Electronics and Communication Engineering	EC233	Electronic Design Automation Lab	2015
164	ECE	Electronics and Communication Engineering	EC202	Signal & Systems	2015
165	ECE	Electronics and Communication Engineering	EC204	Analog Integrated Circuits	2015
166	ECE	Electronics and Communication Engineering	EC206	Computer Organization	2015
167	ECE	Electronics and Communication Engineering	EC208	Analog Communication Engineering	2015
168	ECE	Electronics and Communication Engineering	EC232	Analog Integrated Circuits Lab	2015
169	ECE	Electronics and Communication Engineering	EC230	Logic Circuit Design Lab	2015
170	ECE	Electronics and Communication Engineering	EC301	Digital Signal Processing	2015
171	ECE	Electronics and Communication Engineering	EC303	Applied Electromagnetic Theory	2015
172	ECE	Electronics and Communication Engineering	EC305	Microprocessors & Microcontrollers	2015
173	ECE	Electronics and Communication Engineering	EC307	Power Electronics & Instrumentation	2015
174	ECE	Electronics and Communication Engineering	HS300	Principles of Management	2015

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175	ECE	Electronics and Communication Engineering	EC361	Digital System Design	2015
176	ECE	Electronics and Communication Engineering	EC341	Design Project	2015
177	ECE	Electronics and Communication Engineering	EC333	Digital Signal Processing Lab	2015
178	ECE	Electronics and Communication Engineering	EC335	Power Electronics & Instrumentation Lab	2015
179	ECE	Electronics and Communication Engineering	EC365	Biomedical Engineering	2015
180	ECE	Electronics and Communication Engineering	EC302	Digital Communication	2015
181	ECE	Electronics and Communication Engineering	EC304	VLSI	2015
182	ECE	Electronics and Communication Engineering	EC306	Antenna & Wave Propagation	2015
183	ECE	Electronics and Communication Engineering	EC370	Digital Image Processing	2015
184	ECE	Electronics and Communication Engineering	EC308	Embedded System	2015
185	ECE	Electronics and Communication Engineering	EC368	Robotics	2015
186	ECE	Electronics and Communication Engineering	EC312	Object Oriented Programming	2015
187	ECE	Electronics and Communication Engineering	EC363	Optimization Techniques	2015
188	ECE	Electronics and Communication Engineering	EC332	Communication Engg Lab (Analog & Digital)	2015

*Amulya*  
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189	ECE	Electronics and Communication Engineering	EC334	Microcontroller Lab	2015
190	ECE	Electronics and Communication Engineering	EC352	Comprehensive Exam	2015
191	ECE	Electronics and Communication Engineering	EC401	Information Theory & Coding	2015
192	ECE	Electronics and Communication Engineering	EC403	Microwave & Radar	2015
193	ECE	Electronics and Communication Engineering	EC405	Optical Communication	2015
194	ECE	Electronics and Communication Engineering	EC407	Computer Communication	2015
195	ECE	Electronics and Communication Engineering	EC409	Control Systems	2015
196	ECE	Electronics and Communication Engineering	EC469	Opto Electronic Devices	2015
197	ECE	Electronics and Communication Engineering	EC451	Seminar & Project Preliminary	2015
198	ECE	Electronics and Communication Engineering	EC431	Communication Systems Lab(Optical & Microwave)	2015
199	ECE	Electronics and Communication Engineering	EC402	Nano Electronics	2015
200	ECE	Electronics and Communication Engineering	EC404	Advanced Communication Systems	2015
201	ECE	Electronics and Communication Engineering	EC492	Project	2015
202	ECE	Electronics and Communication Engineering	EC468	Secure Communication	2015

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203	ECE	Electronics and Communication Engineering	EC462	Mixed Signal Circuit Design	2015
204	ECE	Communication Engineering and signal processing	08EC7211 (A)	Signal Compression-Theory and Methods	2015
205	ECE	Communication Engineering and signal processing	08EC7221 (D)	Information Theory and Data Encryption	2015
206	ECE	Communication Engineering and signal processing	08EC7031	Seminar	2015
207	ECE	Communication Engineering and signal processing	08EC7041	Project(Phase-1)	2015
208	EEE	Electrical and Electronics Engineering	EE201	Circuits and, Networks	2015
209	EEE	Electrical and Electronics Engineering	EE203	Analog Electronic Circuits	2015
210	EEE	Electrical and Electronics Engineering	EE205	DC Machines and Transformers	2015
211	EEE	Electrical and Electronics Engineering	EE207	Computer Programming	2015
212	EEE	Electrical and Electronics Engineering	EE231	Electronic Circuits Lab	2015
213	EEE	Electrical and Electronics Engineering	EE233	Programming Lab	2015
214	EEE	Electrical and Electronics Engineering	EE202	Synchronous and Induction Machines	2015
215	EEE	Electrical and Electronics Engineering	EE204	Digital Electronics and Logic Design	2015
216	EEE	Electrical and Electronics Engineering	EE206	Material Science	2015
217	EEE	Electrical and Electronics Engineering	EE208	Measurements and Instrumentation	2015
218	EEE	Electrical and Electronics Engineering	HS210	Life Skills	2015
219	EEE	Electrical and Electronics Engineering	EE232	Electrical Machines Lab I	2015
220	EEE	Electrical and Electronics Engineering	EE234	Circuits and Measurements Lab	2015
221	EEE	Electrical and Electronics Engineering	EE301	Power Generation, Transmission and Protection	2015

*Principals*  
 DR. SUNNY JOSEPH  
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222	EEE	Electrical and Electronics Engineering	EE303	Linear Control Systems	2015
223	EEE	Electrical and Electronics Engineering	EE305	Power Electronics	2015
224	EEE	Electrical and Electronics Engineering	EE307	Signals and Systems	2015
225	EEE	Electrical and Electronics Engineering	EE309	Microprocessor and Embedded Systems	2015
226	EEE	Electrical and Electronics Engineering	EE365	Digital System Design	2015
227	EEE	Electrical and Electronics Engineering	EE369	High Voltage Engineering	2015
228	EEE	Electrical and Electronics Engineering	EE341	Design Project	2015
229	EEE	Electrical and Electronics Engineering	EE331	Digital Circuits and Embedded Systems Lab	2015
230	EEE	Electrical and Electronics Engineering	EE333	Electrical Machines Lab II	2015
231	EEE	Electrical and Electronics Engineering	EE302	Electromagnetics	2015
232	EEE	Electrical and Electronics Engineering	EE304	Advanced Control Theory	2015
233	EEE	Electrical and Electronics Engineering	EE306	Power System Analysis	2015
234	EEE	Electrical and Electronics Engineering	EE308	Electric Drives	2015
235	EEE	Electrical and Electronics Engineering	HS300	Principles of Management	2015
236	EEE	Electrical and Electronics Engineering	EE366	Illumination Technology	2015
237	EEE	Electrical and Electronics Engineering	EE367	Biomedical Engineering	2015
238	EEE	Electrical and Electronics Engineering	EE332	Systems and Control Lab	2015
239	EEE	Electrical and Electronics Engineering	EE334	Power Electronics and Drives Lab	2015
240	EEE	Electrical and Electronics Engineering	EE352	Comprehensive Exam	2015
241	EEE	Electrical and Electronics Engineering	EE401	Electronic communication	2015
242	EEE	Electrical and Electronics Engineering	EE403	Distributed generation and smart grids	2015
243	EEE	Electrical and Electronics Engineering	EE405	Electrical system design	2015
244	EEE	Electrical and Electronics Engineering	EE407	Digital Signal Processing	2015

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# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

245	EEE	Electrical and Electronics Engineering	EE409	Electrical Machine Design	2015
246	EEE	Electrical and Electronics Engineering	EE469	Electrical and Hybrid Vehicles	2015
247	EEE	Electrical and Electronics Engineering	EE465	Power Quality	2015
248	EEE	Electrical and Electronics Engineering	EE451	Seminar & Project Preliminary	2015
249	EEE	Electrical and Electronics Engineering	EE431	Power system Lab	2015
250	EEE	Electrical and Electronics Engineering	EE402	Special Electric Machines	2015
251	EEE	Electrical and Electronics Engineering	EE404	Industrial Instrumentation & Automation	2015
252	EEE	Electrical and Electronics Engineering	EE474	Energy management and Auditing	2015
253	EEE	Electrical and Electronics Engineering	CE488	Disaster Management	2015
254	EEE	Electrical and Electronics Engineering	EE492	Project	2015
255	EEE	POWER ELECTRONICS	08EE7211(A)	SPECIAL ELECTRICAL MACHINES & DRIVES	2015
256	EEE	POWER ELECTRONICS	08EE7221(C)	RENEWABLE ENERGY TECHNOLOGIES	2015
257	EEE	POWER ELECTRONICS	08EE7231	SEMINAR	2015
258	EEE	POWER ELECTRONICS	08EE7241	PROJECT PHASE I	2015
259	EEE	POWER ELECTRONICS	08EE7212	PROJECT PHASE II	2015
260	MR	Mechatronics Engineering	MR 201	C PROGRAMMING	2015
261	MR	Mechatronics Engineering	EE 209	ELECTRICAL TECHNOLOGY	2015
262	MR	Mechatronics Engineering	EC 209	ANALOG ELECTRONICS	2015
263	MR	Mechatronics Engineering	MR 205	SCIENCE OF MEASUREMENTS	2015
264	MR	Mechatronics Engineering	EE 235	ELECTRICAL TECHNOLOGY LAB	2015
265	MR	Mechatronics Engineering	EC 235	ANALOG ELECTRONICS LAB	2015

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266	MR	Mechatronics Engineering	EC 212	LINEAR INTEGRATED CIRCUITS AND DIGITAL ELECTRONICS	2015
267	MR	Mechatronics Engineering	ME 200	FLUID MECHANICS & MACHINERY	2015
268	MR	Mechatronics Engineering	MR 202	SENSORS AND ACTUATORS	2015
269	MR	Mechatronics Engineering	ME 210	METALLURGY AND MATERIALS ENGINEERING	2015
270	MR	Mechatronics Engineering	ME 230F	FLUID MECHANICS AND MACHINERY LAB	2015
271	MR	Mechatronics Engineering	EC234	LINEAR INTEGRATED CIRCUITS AND DIGITAL ELECTRONICS LAB	2015
272	MR	Mechatronics Engineering	MR301	LINEAR CONTROL SYSTEMS	2015
273	MR	Mechatronics Engineering	MR303	MICROPROCESSORS AND MICROCONTROLLERS	2015
274	MR	Mechatronics Engineering	MR305	PLC AND DATA ACQUISITIONS SYSTEMS	2015
275	MR	Mechatronics Engineering	MR307	THERMODYNAMICS	2015
276	MR	Mechatronics Engineering	ME220	MANUFACTURING TECHNOLOGY	2015
277	MR	Mechatronics Engineering	MR363	OBJECT ORIENTED PROGRAMMING	2015
278	MR	Mechatronics Engineering	ME369	TRIBOLOGY	2015
279	MR	Mechatronics Engineering	MR331	MICROPROCESSORS AND MICROCONTROLLERS LAB	2015
280	MR	Mechatronics Engineering	MR333	METROLOGY AND PLC LAB	2015
281	MR	Mechatronics Engineering	MR302	ROBOTICS ENGINEERING	2015

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# Jyothi Engineering College

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282	MR	Mechatronics Engineering	MR304	DIGITAL IMAGE PROCESSING AND MACHINE VISION	2015
283	MR	Mechatronics Engineering	MR306	MECHANICS OF SOLIDS	2015
284	MR	Mechatronics Engineering	MR308	DIGITAL MANUFACTURING	2015
285	MR	Mechatronics Engineering	MR364	ENERGY ENGINEERING AND MANAGEMENT	2015
286	MR	Mechatronics Engineering	AE403	BIOMEDICAL INSTRUMENTATION	2015
287	MR	Mechatronics Engineering	MR332	MANUFACTURING ENGINEERING LAB	2015
288	MR	Mechatronics Engineering	MR334	ADVANCED INSTRUMENTATION LAB	2015
289	ME	Mechanical Engineering	ME 201	MECHANICS OF SOLIDS	2015
290	ME	Mechanical Engineering	ME 203	MECHANICS OF FLUIDS	2015
291	ME	Mechanical Engineering	ME 205	METALLURGY AND MATERIAL ENGINEERING	2015
292	ME	Mechanical Engineering	EST 200	DESIGN AND ENGINEERING	2015
293	ME	Mechanical Engineering	ME231	COMPUTER AIDED MACHINE DRAWING	2015
294	ME	Mechanical Engineering	ME203	MATERIALS TESTING LAB	2015
295	ME	Mechanical Engineering	MA202	PROBABILITY DISTRIBUTIONS TRANSFORMS AND NUMERICAL METHODS	2015
296	ME	Mechanical Engineering	ME202	ADVANCED MECHANICS OF SOLIDS	2015
297	ME	Mechanical Engineering	ME204	THERMAL ENGINEERING	2015

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CREATING TECHNOLOGY  
LEADERS OF TOMORROW  
ESTD 2002

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298	ME	Mechanical Engineering	ME206	FLUID MACHINERY	2015
299	ME	Mechanical Engineering	ME220	MANUFACTURING TECHNOLOGY	2015
300	ME	Mechanical Engineering	ME232	THERMAL ENGINEERING LAB	2015
301	ME	Mechanical Engineering	ME230	FLUID MECHANICS & MACHINES LAB	2015
302	ME	Mechanical Engineering	ME 301	MECHANICS OF MACHINERY	2015
303	ME	Mechanical Engineering	ME 303	MACHINE TOOLS & DIGITAL MANUFACTURING	2015
304	ME	Mechanical Engineering	ME 305	COMPUTER PROGRAMMING & NUMERICAL METHODS	2015
305	ME	Mechanical Engineering	EE 311	ELECTRICAL DRIVES & CONTROL FOR AUTOMATION	2015
306	ME	Mechanical Engineering	ME 367	NON-DESTRUCTIVE TESTING	2015
307	ME	Mechanical Engineering	ME 341	DESIGN PROJECT	2015
308	ME	Mechanical Engineering	ME 331	MANUFACTURING TECHNOLOGY LAB 1	2015
309	ME	Mechanical Engineering	EE 335	ELECTRICAL AND ELECTRONICS LAB	2015
310	ME	Mechanical Engineering	ME302	HEAT & MASS TRANSFER	2015
311	ME	Mechanical Engineering	ME304	DYNAMICS OF MACHINERY	2015
312	ME	Mechanical Engineering	ME306	ADVANCED MANUFACTURING TECHNOLOGY	2015
313	ME	Mechanical Engineering	ME308	COMPUTER AIDED DESIGN AND ANALYSIS	2015
314	ME	Mechanical Engineering	ME312	METROLOGY AND	2015

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				ASSESSMENT	
332	ME	Mechanical Engineering	EC482	BIOMEDICAL ENGINEERING	2015
333	ME	Mechanical Engineering	CE488	DISASTER MANAGEMENT	2015
334	ME	Industrial Automation and Robotics	08ME6311	Advanced Mathematics & Optimization Techniques	2019
335	ME	Industrial Automation and Robotics	08ME6321	Robot Kinematics and Dynamics	2019
336	ME	Industrial Automation and Robotics	08ME6331	Advanced Control Systems	2019
337	ME	Industrial Automation and Robotics	08ME6341	Measurements and Sensors for Automation	2019
338	ME	Industrial Automation and Robotics	08ME6351(B)	Fluid Power Automation	2019
339	ME	Industrial Automation and Robotics	08GN6001	Research Methodology	2019
340	ME	Industrial Automation and Robotics	08ME6361	Seminar I	2019
341	ME	Industrial Automation and Robotics	08ME6371	Automation Lab	2019
342	ME	Industrial Automation and Robotics	08ME6312	Industrial Automation	2019
343	ME	Industrial Automation and Robotics	08ME6322	Programmable Logic Control and Computer Numerical Control	2019

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344	ME	Industrial Automation and Robotics	08ME6332	Control, Programming and Calibrations of Robots	2019
345	ME	Industrial Automation and Robotics	08ME6352 (B)	DESIGN OF EMBEDDED SYSTEMS	2019
346	ME	Industrial Automation and Robotics	08ME6342 (D)	Sensors, Microprocessors, Microcontrollers and their Applications	2019
347	ME	Industrial Automation and Robotics	08ME6362	Mini Project	2019
348	ME	Industrial Automation and Robotics	08ME6372	Robotics Lab	2019

## AY 2018-19

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
1	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA 101	CALCULUS	2015
2	CE/CSE/EC/EEE/ME/MR	Common to all Branches	CY 100	ENGINEERING CHEMISTRY	2015
3	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 110	ENGINEERING GRAPHICS	2015
4	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA 102	DIFFERENTIAL EQUATIONS	2015
5	CE/CSE/EC/EEE/ME/MR	Common to all Branches	PH 100	ENGINEERING PHYSICS	2015
6	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 100	ENGINEERING MECHANICS	2015
7	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 102	DESIGN AND ENGINEERING	2015
8	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015

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9	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA202	PROBABILITY DISTRIBUTION TRANSFORMS AND NUMERICAL METHODS	2015
10	CE/CSE/EC/EEE/ME/MR	Common to all Branches	HS200	Business Economics	2015
11	CE/CSE/EC/EEE/ME/MR	Common to all Branches	HS210	Life Skills	2015
12	CE/CSE/EC/EEE/ME/MR	Common to all Branches	08GN6001	Research Methodology	2015
13	CE	Civil Engineering	BE 101-01	INTRODUCTION TO CIVIL ENGINEERING	2015
14	CE	Civil Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
15	CE	Civil Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
16	CE	Civil Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING(EC)	2015
17	CE	Civil Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
18	CE	Civil Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
19			EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
20	CE	Civil Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
21	CE	Civil Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
22	CE		BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
23	CE	Civil Engineering	ME 110	BASIC ENGINEERING WORK SHOP(ME)	2015

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24	CE	Civil Engineering	CE201	MECHANICS OF SOLIDS	2015
25	CE	Civil Engineering	CE203	FLUID MECHANICS I	2015
26	CE	Civil Engineering	CE205	ENGINEERING GEOLOGY	2015
27	CE	Civil Engineering	CE207	SURVEYING	2015
28	CE	Civil Engineering	CE231	CIVIL ENGINEERING DRAFTING LAB	2015
29	CE	Civil Engineering	CE233	SURVEYING LAB I	2015
30	CE	Civil Engineering	CE202	STRUCTURAL ANALYSIS I	2015
31	CE	Civil Engineering	CE204	CONSTRUCTION TECHNOLOGY	2015
32	CE	Civil Engineering	CE206	FLUID MECHANICS II	2015
33	CE	Civil Engineering	CE208	GEOTECHNICAL ENGINEERING I	2015
34	CE	Civil Engineering	CE232	MATERIAL TESTING LAB I	2015
35	CE	Civil Engineering	CE234	FLUID MECHANICS LAB I	2015
36	CE	Civil Engineering	CE301	DESIGN OF CONCRETE STRUCTURES I	2015
37	CE	Civil Engineering	CE303	STRUCTURAL ANALYSIS II	2015
38	CE	Civil Engineering	CE305	GEOTECHNICAL ENGINEERING II	2015
39	CE	Civil Engineering	CE307	GEOMETRICS	2015
40	CE	Civil Engineering	CE309	WATER RESOURCES ENGINEERING	2015
41	CE	Civil Engineering	CE371	ENVIRONMENT AND POLLUTION	2015
42	CE	Civil Engineering	CE365	FUNCTIONAL DESIGN OF BUILDINGS	2015
43	CE	Civil Engineering	CE341	DESIGN PROJECT	2015
44	CE	Civil Engineering	CE331	MATERIAL TESTING LAB II	2015
45	CE	Civil Engineering	CE333	GEOTECHNICAL ENGINEERING	2015

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				LAB	
46	CE	Civil Engineering	CE302	DESIGN OF HYDRAULIC STRUCTURE	2015
47	CE	Civil Engineering	CE304	DESIGN OF CONCRETE STRUCTURES II	2015
48	CE	Civil Engineering	CE306	COMPUTER PROGRAMMING AND COMPUTATIONAL TECHNIQUES	2015
49	CE	Civil Engineering	CE308	TRANSPORTATION ENGINEERING - I	2015
50	CE	Civil Engineering	CE374	AIR QUALITY MANAGEMENT	2015
51	CE	Civil Engineering	CE332	TRANSPORTATION ENGINEERING LAB	2015
52	CE	Civil Engineering	CE334	COMPUTER AIDED CIVIL ENGINEERING LAB	2015
53	CE	Civil Engineering	CE352	COMPREHENSIVE EXAM	2015
54	CE	Civil Engineering	CE401	DESIGN OF STEEL STRUCTURES	2015
55	CE	Civil Engineering	CE\$03	STRUCTURAL ANALYSIS III	2015
56	CE	Civil Engineering	CE405	ENVIRONMENTAL ENGINEERING - I	2015
57	CE	Civil Engineering	CE407	TRANSPORTATION ENGINEERING II	2015
58	CE	Civil Engineering	CE409	QUANTITY SURVEYING AND VALUATION	2015
59	CE	Civil Engineering	CE469	ENVIRONMENTAL IMPACT ASSESSMENT	2015
60	CE	Civil Engineering	CE451	SEMINAR & PROJECT	2015

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PRELIMINARY					
61	CE	Civil Engineering	CE431	ENVIRONMENTAL ENGINEERING LAB	2015
62	CE	Civil Engineering	CE402	ENVIRONMENTAL ENGINEERING – II	2015
63	CE	Civil Engineering	CE404	CIVIL ENGINEERING PROJECT MANAGEMENT	2015
64	CE	Civil Engineering	CE474	MUNICIPAL SOLID WASTE MANAGEMENT	2015
65	CE	Civil Engineering	CE462	TOWN AND COUNTRY PLANNING	2015
66	CE	Civil Engineering	CE492	PROJECT	2015
67	CE	Transportation Engineering	08MA6201	Applied Statistics And Probability	2017
68	CE	Transportation Engineering	08CE6201	Fundamentals Of Fundamentals Of Traffic Engineering	2017
69	CE	Transportation Engineering	08CE6203	Pavement analysis and design	2017
70	CE	Transportation Engineering	08CE6205	Urban Transporation	2017
71	CE	Transportation Engineering	08 CE6215	Road Safety Engineering	2017
72	CE	Transportation Engineering	08CE6291	Seminar	2017
73	CE	Transportation Engineering	08CE6293	Pavement Engineering Lab	2017
74	CE	Transportation Engineering	08CE6202	Regional Transporation planning	2017
75		Transportation Engineering	08CE6204	pavement construction evaluation and	2017

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				maintanance	
76	CE	Transportation Engineering	08CE6206	Advanced traffic Engineering	2017
77	CE	Transportation Engineering	08CE6212	GEOSYNTHETICS FOR HIGHWAY DESIGN	2017
78	CE	Transportation Engineering	08CE6224	Intelligent Transportation System	2017
79	CE	Transportation Engineering	08CE6292	Mini Project	2017
80	CE	Transportation Engineering	08CE6294	Transportation Engineering Lab	2017
81	CE	Transportation Engineering	08CE7201	Highway Geometric Design	2017
82	CE	Transportation Engineering	08CE7219	Low Volume Roads	2017
83	CE	Transportation Engineering	08CE7291	Seminar II	2017
84	CE	Transportation Engineering	08CE7293	Project (Phase 1)	2017
85	CE	Transportation Engineering	08CE7294	Project (Phase 11)	2017
86	CS	Computer science and Engineering	BE 101-05	INTRODUCTION TO COMPUTING & PROBLEM SOLVING	2015
87	CS	Computer science and Engineering	CS 100	COMPUTER PROGRAMMING	2015
88	CS	Computer science and Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
89	CS	Computer science and Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
90	CS	Computer science and Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
91	CS	Computer science and Engineering	CS 110	BASIC ENGINEERING WORK SHOP(CS)	2015
92	CS	Computer science and Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
93	CS	Computer science and Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015
94	CS	Computer science and Engineering	EE100	BASICS OF ELECTRICAL ENGINEERING	2015

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

95	CS	Computer science and Engineering	EE110	BASIC ELECTRICAL WORKSHOP	2015
96	CS	Computer science and Engineering	CS120	COMPUTER PROGRAMING LAB	2015
97	CS	Computer science and Engineering	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015
98	CS	Computer science and Engineering	CS201	DISCRETE COMPUTATIONAL STRUCTURES	2015
99	CS	Computer science and Engineering	CS 203	SWITCHING THEORY AND LOGIC DESIGN	2015
100	CS	Computer science and Engineering	CS 205	DATA STRUCTURES	2015
101	CS	Computer science and Engineering	CS207	ELECTRONICS DEVICES & CIRCUITS	2015
102	CS	Computer science and Engineering	CS 231	DATA STRUCTURES LAB	2015
103	CS	Computer science and Engineering	CS233	ELECTRONICS CIRCUITS LAB	2015
104	CS	Computer science and Engineering	MA202	PROBABILITY DISTRIBUTIONS, TRANSFORMS AND NUMERICAL METHODS	2015
105	CS	Computer science and Engineering	CS 202	COMPUTER ORGANIZATION AND ARCHITECTURE	2015
106	CS	Computer science and Engineering	CS 204	OPERATING SYSTEMS	2015
107	CS	Computer science and Engineering	CS 206	OBJECT ORIENTED DESIGN AND PROGRAMMING	2015
108	CS	Computer science and Engineering	CS 208	PRINCIPLES OF DATABASE DESIGN	2015
109	CS	Computer science and Engineering	CS232	FREE AND OPEN SOURCE SOFTWARE LAB	2015

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# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

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110	CS	Computer science and Engineering	CS234	DIGITAL SYSTEMS LAB	2015
111	CS	Computer science and Engineering	CS301	THEORY OF COMPUTATION	2015
112	CS	Computer science and Engineering	CS303	SYSTEM SOFTWARE	2015
113	CS	Computer science and Engineering	CS305	MICROPROCESSORS AND MICROCONTROLLERS	2015
114	CS	Computer science and Engineering	CS307	DATA COMMUNICATION	2015
115	CS	Computer science and Engineering	CS309	GRAPH THEORY AND COMBINATORICS	2015
116	CS	Computer science and Engineering	CS361	SOFT COMPUTING	2015
117	CS	Computer science and Engineering	CS367	LOGIC FOR COMPUTER SCIENCE	2015
118	CS	Computer science and Engineering	CS365	OPTIMIZATION TECHNIQUES	2015
119	CS	Computer science and Engineering	CS333	APPLICATION SOFTWARE DEVELOPMENT LAB	2015
120	CS	Computer science and Engineering	CS331	SYSTEM SOFTWARE LAB	2015
121	CS	Computer science and Engineering	CS341	DESIGN PROJECT	2015
122	CS	Computer science and Engineering	CS302	DESIGN AND ANALYSIS OF ALGORITHMS	2015
123	CS	Computer science and Engineering	CS304	COMPILER DESIGN	2015
124	CS	Computer science and Engineering	CS306	COMPUTER NETWORKS	2015
125	CS	Computer science and Engineering	CS308	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	2015
126	CS	Computer science and Engineering	CS364	MOBILE COMPUTING	2015
127	CS	Computer science and Engineering	CS368	WEB TECHNOLOGIES	2015
128	CS	Computer science and Engineering	CS372	HIGH PERFORMANCE COMPUTING	2015
129	CS	Computer science and Engineering	CS366	NATURAL LANGUAGE	2015

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PROCESSING					
130	CS	Computer science and Engineering	CS362	COMPUTER VISION	2015
131	CS	Computer science and Engineering	CS332	MICROPROCESSOR LAB	2015
132	CS	Computer science and Engineering	CS334	NETWORK PROGRAMMING LAB	2015
133	CS	Computer science and Engineering	CS401	COMPUTER GRAPHICS	2015
134	CS	Computer science and Engineering	CS403	PROGRAMMING PARADIGMS	2015
135	CS	Computer science and Engineering	CS405	COMPUTER SYSTEM ARCHITECTURE	2015
136	CS	Computer science and Engineering	CS407	DISTRIBUTED COMPUTING	2015
137	CS	Computer science and Engineering	CS409	CRYPTOGRAPHY & NETWORK SECURITY	2015
138	CS	Computer science and Engineering	CS465	BIO INFORMATICS	2015
139	CS	Computer science and Engineering	CS467	MACHINE LEARNING	2015
140	CS	Computer science and Engineering	CS463	DIGITAL IMAGE PROCESSING	2015
141	CS	Computer science and Engineering	CS431	COMPILER DESIGN LAB	2015
142	CS	Computer science and Engineering	CS451	SEMINAR & PROJECT PRELIMINARY	2015
143	CS	Computer science and Engineering	CS402	DATA MINING AND WAREHOUSING	2015
144	CS	Computer science and Engineering	CS404	EMBEDDED SYSTEM	2015
145	CS	Computer science and Engineering	CS468	CLOUD COMPUTING	2015
146	CS	Computer science and Engineering	CS472	PRINCIPLES OF INFORMATION SECURITY	2015
147	CS	Computer science and Engineering	CS492	PROJECT	2015
148	CS	Computer science and Engineering	CS466	DATA SCIENCE	2015

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149	CS	Computer science and Engineering	CS464	ARTIFICIAL INTELLIGENCE	2015
150	CS	Computer science and Engineering	CS462	FUZZY SET THEORY AND APPLICATIONS	2015
151	CS	Computer science and Engineering	EC482	BIOMEDICAL ENGINEERING	2015
152	CSE	Computer Science and Engineering	08 CS 6011	Operating System Design	2015
153	CSE	Computer Science and Engineering	08 CS 6021	Advanced Data Structures	2015
154	CSE	Computer Science and Engineering	08 CS 6031	Advanced Database Technology	2015
155	CSE	Computer Science and Engineering	08 CS 6041	Mathematical Foundations of Computer Science	2015
156	CSE	Computer Science and Engineering	08 CS 6051	Advanced Networking Technologies	2015
157	CSE	Computer Science and Engineering	08 CS 6071(P)	Seminar I	2015
158	CSE	Computer Science and Engineering	08 CS 6081(P)	Advanced Data Structure Lab	2015
159	CSE	Computer Science and Engineering	08CS6012	ADVANCED COMPILER DESIGN	2015
160	CSE	Computer Science and Engineering	08CS6022	INFORMATION RETRIEVAL	2015
161	CSE	Computer Science and Engineering	08CS6032	EVOLUTIONARY COMPUTING	2015

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162	CSE	Computer Science and Engineering	08CS6042	Big Data	2015
163	CSE	Computer Science and Engineering	08CS6052	Cloud Computing	2015
164	CSE	Computer Science and Engineering	08CS6062(P)	MINI PROJECT	2015
165	CSE	Computer Science and Engineering	08CS6072(P)	DATA MINING AND ANALYTICS LAB	2015
166	CSE	Computer Science and Engineering	08 CS 7021	Unix Internals	2015
167	CSE	Computer Science and Engineering	08 CS 7011	Advanced Architecture	2015
168	CSE	Computer Science and Engineering	08 CS 7031(P)	Seminar II	2015
169	CSE	Computer Science and Engineering	08CS7041(P)	MASTERS RESEARCH PROJECT (PHASE I)	2015
170	CSE	Computer Science and Engineering	08CS7012(P)	MASTERS RESEARCH PROJECT (PHASE II)	2015
171	ECE	Electronics and Communication Engineering	BE 101-04	INTRODUCTION TO ELECTRONICS ENGINEERING	2015
172	ECE	Electronics and Communication Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
173	ECE	Electronics and Communication Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
174	ECE	Electronics and Communication	ME 100	BASICS OF MECHANICAL	2015

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		Engineering		ENGINEERING	
175	ECE	Electronics and Communication Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
176	ECE	Electronics and Communication Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
177	ECE	Electronics and Communication Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
178	ECE	Electronics and Communication Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
179	ECE	Electronics and Communication Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
180	ECE	Electronics and Communication Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EE)	2015
181	ECE	Electronics and Communication Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
182	ECE	Electronics and Communication Engineering	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015
183	ECE	Electronics and Communication Engineering	EC201	NETWORK THEORY	2015
184	ECE	Electronics and Communication Engineering	EC203	SOLID STATE DEVICES	2015
185	ECE	Electronics and Communication Engineering	EC205	ELECTRONIC CIRCUITS	2015
186	ECE	Electronics and Communication Engineering	EC207	LOGIC CIRCUIT DESIGN	2015
187	ECE	Electronics and Communication Engineering	EC231	ELECTRONIC DEVICES & CIRCUITS LAB	2015

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188	ECE	Electronics and Communication Engineering	EC233	ELECTRONIC DESIGN AUTOMATION LAB	2015
189	ECE	Electronics and Communication Engineering	MA202	PROBABILITY DISTRIBUTIONS, TRANSFORMS AND NUMERICAL METHODS	2015
190	ECE	Electronics and Communication Engineering	EC202	SIGNAL & SYSTEMS	2015
191	ECE	Electronics and Communication Engineering	EC204	ANALOG INTEGRATED CIRCUITS	2015
192	ECE	Electronics and Communication Engineering	EC206	COMPUTER ORGANIZATION	2015
193	ECE	Electronics and Communication Engineering	EC208	ANALOG COMMUNICATION ENGINEERING	2015
194	ECE	Electronics and Communication Engineering	EC232	ANALOG INTEGRATED CIRCUITS LAB	2015
195	ECE	Electronics and Communication Engineering	EC230	LOGIC CIRCUIT DESIGN LAB	2015
196	ECE	Electronics and Communication Engineering	EC301	DIGITAL SIGNAL PROCESSING	2015
197	ECE	Electronics and Communication Engineering	EC303	APPLIED ELECTROMAGNETIC THEORY	2015
198	ECE	Electronics and Communication Engineering	EC305	MICROPROCESSORS & MICROCONTROLLERS	2015
199	ECE	Electronics and Communication Engineering	EC307	POWER ELECTRONICS & INSTRUMENTATION	2015
200	ECE	Electronics and Communication Engineering	EC361	DIGITAL SYSTEM DESIGN	2015

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201	ECE	Electronics and Communication Engineering	EC341	DESIGN PROJECT	2015
202	ECE	Electronics and Communication Engineering	EC333	DIGITAL SIGNAL PROCESSING LAB	2015
203	ECE	Electronics and Communication Engineering	EC335	POWER ELECTRONICS & INSTRUMENTATION LAB	2015
204	ECE	Electronics and Communication Engineering	EC365	BIOMEDICAL ENGINEERING	2015
205	ECE	Electronics and Communication Engineering	EC302	DIGITAL COMMUNICATION	2015
206	ECE	Electronics and Communication Engineering	EC304	VLSI	2015
207	ECE	Electronics and Communication Engineering	EC306	ANTENNA & WAVE PROPAGATION	2015
208	ECE	Electronics and Communication Engineering	EC370	DIGITAL IMAGE PROCESSING	2015
209	ECE	Electronics and Communication Engineering	EC308	EMBEDDED SYSTEM	2015
210	ECE	Electronics and Communication Engineering	EC368	ROBOTICS	2015
211	ECE	Electronics and Communication Engineering	EC312	OBJECT ORIENTED PROGRAMMING	2015
212	ECE	Electronics and Communication Engineering	EC363	OPTIMIZATION TECHNIQUES	2015
213	ECE	Electronics and Communication Engineering	EC332	COMMUNICATION ENGG LAB (ANALOG & DIGITAL)	2015
214	ECE	Electronics and Communication Engineering	EC334	MICROCONTROLLER LAB	2015

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		Engineering			
215	ECE	Electronics and Communication Engineering	EC352	COMPREHENSIVE EXAM	2015
216	ECE	Electronics and Communication Engineering	EC401	INFORMATION THEORY & CODING	2015
217	ECE	Electronics and Communication Engineering	EC403	MICROWAVE & RADAR	2015
218	ECE	Electronics and Communication Engineering	EC405	OPTICAL COMMUNICATION	2015
219	ECE	Electronics and Communication Engineering	EC407	COMPUTER COMMUNICATION	2015
220	ECE	Electronics and Communication Engineering	EC409	CONTROL SYSTEMS	2015
221	ECE	Electronics and Communication Engineering	EC469	OPTO ELECTRONIC DEVICES	2015
222	ECE	Electronics and Communication Engineering	EC451	SEMINAR & PROJECT PRELIMINARY	2015
223	ECE	Electronics and Communication Engineering	EC431	COMMUNICATION SYSTEMS LAB(OPTICAL & MICROWAVE)	2015
224	ECE	Electronics and Communication Engineering	EC402	NANO ELECTRONICS	2015
225	ECE	Electronics and Communication Engineering	EC404	ADVANCED COMMUNICATION SYSTEMS	2015
226	ECE	Electronics and Communication Engineering	EC492	PROJECT	2015
227	ECE	Electronics and Communication Engineering	EC468	SECURE COMMUNICATION	2015

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228	ECE	Electronics and Communication Engineering	EC462	MIXED SIGNAL CIRCUIT DESIGN	2015
229	ECE	Communication Engineering and signal processing	08EC6011	Advanced Digital communication Techniques	2015
230	ECE	Communication Engineering and signal processing	08EC6021	Wireless Mobile Networks	2015
231	ECE	Communication Engineering and signal processing	08EC6031	Communication Networks	2015
232	ECE	Communication Engineering and signal processing	08EC6041	Mathematics for Communication Engineers	2015
233	ECE	Communication Engineering and signal processing	08EC6071	Seminar	2015
234	ECE	Communication Engineering and signal processing	08EC6051(D)	CDMA Technology	2015
235	ECE	Communication Engineering and signal processing	08EC6081	Communication modeling and Simulation Laboratory	2015
236	ECE	Communication Engineering and signal processing	08EC7211 (A)	Signal Compression-Theory and Methods	2015
237	ECE	Communication Engineering and signal processing	08EC7221 (D)	Information Theory and Data Encryption	2015
238	ECE	Communication Engineering and signal processing	08EC7031	Seminar	2015
239	ECE	Communication Engineering and signal processing	08EC7041	Project(Phase-1)	2015

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240	ECE	Communication Engineering and signal processing	08 EC 6212	WIRELESS COMMUNICATION	2015
241	ECE	Communication Engineering and signal processing	08 EC 6222	ESTIMATION AND DETECTION	2015
242	ECE	Communication Engineering and signal processing	08 EC 6232	CODING THEORY	2015
243		Communication Engineering and signal processing	08 EC 6242 ( C )	SPREAD SPECTRUM AND CDMA SYSTEMS	2015
244	ECE	Communication Engineering and signal processing	08 EC 6252 ( C )	COMMUNICATION NETWORKS	2015
245	ECE	Communication Engineering and signal processing	08 EC 6262(P)	MINI PROJECT	2015
246	ECE	Communication Engineering and signal processing	08 EC 6272(P)	ADVANCED COMMUNICATION LAB	2015
247	EEE	Electrical and Electronics Engineering	BE 101-03	INTRODUCTION TO ELECTRICAL ENGINEERING	2015
248	EEE	Electrical and Electronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
249	EEE	Electrical and Electronics Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
250			EC100	BASICS OF ELECTRONICS ENGINEERING	2015
251	EEE	Electrical and Electronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
252	EEE	Electrical and Electronics Engineering	CE 110	CIVIL ENGINEERING WORK SHOP	2015
253	EEE	Electrical and Electronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015

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254	EEE	Electrical and Electronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
255	EEE	Electrical and Electronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
256	EEE	Electrical and Electronics Engineering	ME 110	MECHANICAL ENGINEERING WORK SHOP	2015
257	EEE	Electrical and Electronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
258	EEE	Electrical and Electronics Engineering	MA201	Linear Algebra & Complex Analysis	2015
259	EEE	Electrical and Electronics Engineering	EE201	Circuits and, Networks	2015
260	EEE	Electrical and Electronics Engineering	EE203	Analog Electronic Circuits	2015
261	EEE	Electrical and Electronics Engineering	EE205	DC Machines and Transformers	2015
262	EEE	Electrical and Electronics Engineering	EE207	Computer Programming	2015
263	EEE	Electrical and Electronics Engineering	EE231	Electronic Circuits Lab	2015
264	EEE	Electrical and Electronics Engineering	EE233	Programming Lab	2015
265	EEE	Electrical and Electronics Engineering	MA202	Probability Distributions, Transforms and Numerical Methods	2015
266	EEE	Electrical and Electronics Engineering	EE202	Synchronous and Induction Machines	2015
267	EEE	Electrical and Electronics Engineering	EE204	Digital Electronics and Logic Design	2015
268	EEE	Electrical and Electronics Engineering	EE206	Material Science	2015
269	EEE	Electrical and Electronics Engineering	EE208	Measurements and Instrumentation	2015
270	EEE	Electrical and Electronics Engineering	EE232	Electrical Machines Lab I	2015
271	EEE	Electrical and Electronics Engineering	EE234	Circuits and Measurements Lab	2015
272	EEE	Electrical and Electronics Engineering	EE301	Power Generation, Transmission and Protection	2015
273	EEE	Electrical and Electronics Engineering	EE303	Linear Control Systems	2015

*em*

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274	EEE	Electrical and Electronics Engineering	EE305	Power Electronics	2015
275	EEE	Electrical and Electronics Engineering	EE307	Signals and Systems	2015
276	EEE	Electrical and Electronics Engineering	EE309	Microprocessor and Embedded Systems	2015
277	EEE	Electrical and Electronics Engineering	EE365	Digital System Design	2015
278	EEE	Electrical and Electronics Engineering	EE367	New and Renewable Energy Systems	2015
279	EEE	Electrical and Electronics Engineering	EE341	Design Project	2015
280	EEE	Electrical and Electronics Engineering	EE331	Digital Circuits and Embedded Systems Lab	2015
281	EEE	Electrical and Electronics Engineering	EE333	Electrical Machines Lab II	2015
282	EEE	Electrical and Electronics Engineering	EE302	Electromagnetics	2015
283	EEE	Electrical and Electronics Engineering	EE304	Advanced Control Theory	2015
284	EEE	Electrical and Electronics Engineering	EE306	Power System Analysis	2015
285	EEE	Electrical and Electronics Engineering	EE308	Electric Drives	2015
286	EEE	Electrical and Electronics Engineering	HS300	Principles of Management	2015
287	EEE	Electrical and Electronics Engineering	EE366	Illumination Technology	2015
288	EEE	Electrical and Electronics Engineering	EE372	Biomedical Engineering	2015
289	EEE	Electrical and Electronics Engineering	EE332	Systems and Control Lab	2015
290	EEE	Electrical and Electronics Engineering	EE334	Power Electronics and Drives Lab	2015
291	EEE	Electrical and Electronics Engineering	EE352	Comprehensive Exam	2015
292	EEE	Electrical and Electronics Engineering	EE401	Electronic communication	2015
293	EEE	Electrical and Electronics Engineering	EE403	Distributed generation and smart grids	2015
294	EEE	Electrical and Electronics Engineering	EE405	Electrical system design	2015
295	EEE	Electrical and Electronics Engineering	EE407	Digital Signal Processing	2015
296	EEE	Electrical and Electronics Engineering	EE409	Electrical Machine Design	2015

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# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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297	EEE	Electrical and Electronics Engineering	EE469	Electrical and Hybrid Vehicles	2015
298	EEE	Electrical and Electronics Engineering	EE465	Power Quality	2015
299	EEE	Electrical and Electronics Engineering	EE451	Seminar & Project Preliminary	2015
300	EEE	Electrical and Electronics Engineering	EE431	Power system Lab	2015
301	EEE	Electrical and Electronics Engineering	EE402	Special Electric Machines	2015
302	EEE	Electrical and Electronics Engineering	EE404	Industrial Instrumentation & Automation	2015
303	EEE	Electrical and Electronics Engineering	EE474	Energy management and Auditing	2015
304	EEE	Electrical and Electronics Engineering	CE488	Disaster Management	2015
305	EEE	Electrical and Electronics Engineering	EE492	Project	2015
306	PE	POWER ELECTRONICS	08EE6211	Applied Mathematics	2015
307	PE	POWER ELECTRONICS	08EE6221	System Dynamics	2015
308	PE	POWER ELECTRONICS	08EE6231	Analysis of Power Electronic Circuits I	2015
309	PE	POWER ELECTRONICS	08EE6241	Electric Drives	2015
310	PE	POWER ELECTRONICS	08EE6251(A)	Power Semiconductor Devices & Modeling	2015
311	PE	POWER ELECTRONICS	08EE6271	Seminar	2015
312	PE	POWER ELECTRONICS	08EE6281	Power Electronics Lab	2015
313	PE	POWER ELECTRONICS	08EE6212	Analysis of Power Electronics circuits II	2015
314	PE	POWER ELECTRONICS	08EE6222	Switched Mode power Converters	2015
315	PE	POWER ELECTRONICS	08EE6232	Advanced Electric Drives	2015
316	PE	POWER ELECTRONICS	08EE6242 (A)	Facts and Custom power Devices	2015
317	PE	POWER ELECTRONICS	08EE6252(A)	Embedded Controllers and Real Time systems	2015
318	PE	POWER ELECTRONICS	08EE6262	Mini Project	2015

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319	PE	POWER ELECTRONICS	08EE6272	Advanced Power Electronics Lab	2015
320	PE	POWER ELECTRONICS	08EE7211(A)	SPECIAL ELECTRICAL MACHINES & DRIVES	2015
321	PE	POWER ELECTRONICS	08EE7221(A)	SOFT COMPUTING TECHNIQUES	2015
322	PE	POWER ELECTRONICS	08EE7231	SEMINAR	2015
323	PE	POWER ELECTRONICS	08EE7241	PROJECT PHASE I	2015
324	PE	POWER ELECTRONICS	08EE7212	PROJECT PHASE II	2015
325					
326	MR	Mechatronics Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
327	MR	Mechatronics Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
328	MR	Mechatronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
329	MR	Mechatronics Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
330	MR	Mechatronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
331	MR	Mechatronics Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
332	MR	Mechatronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP	2015
333	MR	Mechatronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
334	MR	Mechatronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
335	MR	Mechatronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015
336	MR	Mechatronics Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
337	MR	Mechatronics Engineering	MA 201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015

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338	MR	Mechatronics Engineering	MR 201	C PROGRAMMING	2015
339	MR	Mechatronics Engineering	EE 209	ELECTRICAL TECHNOLOGY	2015
340	MR	Mechatronics Engineering	EC 209	ANALOG ELECTRONICS	2015
341	MR	Mechatronics Engineering	MR 205	SCIENCE OF MEASUREMENTS	2015
342	MR	Mechatronics Engineering	EE 235	ELECTRICAL TECHNOLOGY LAB	2015
343	MR	Mechatronics Engineering	EC 235	ANALOG ELECTRONICS LAB	2015
344	MR	Mechatronics Engineering	MA 202	PROBABILITY, RANDOM PROCESSES AND NUMERICAL METHODS	2015
345	MR	Mechatronics Engineering	EC 212	LINEAR INTEGRATED CIRCUITS AND DIGITAL ELECTRONICS	2015
346	MR	Mechatronics Engineering	ME 200	FLUID MECHANICS & MACHINERY	2015
347	MR	Mechatronics Engineering	MR 202	SENSORS AND ACTUATORS	2015
348	MR	Mechatronics Engineering	ME 210	METALLURGY AND MATERIALS ENGINEERING	2015
349	MR	Mechatronics Engineering	ME 230	FLUID MECHANICS AND MACHINERY LAB	2015
350	MR	Mechatronics Engineering	EC234	LINEAR INTEGRATED CIRCUITS AND DIGITAL ELECTRONICS LAB	2015
351	ME	Mechanical Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
352	ME	Mechanical Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
353	ME	Mechanical Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
354	ME	Mechanical Engineering	EC 100	BASICS OF ELECTRONICS	2015

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				ENGINEERING	
355	ME	Mechanical Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
356	ME	Mechanical Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
357	ME	Mechanical Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
358	ME	Mechanical Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
359	ME	Mechanical Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
360	ME	Mechanical Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
361	ME	Mechanical Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
362	ME	Mechanical Engineering	MAT201	PARTIAL DIFFERENTIAL EQUATION & COMPLEX ANALYSIS	2015
363	ME	Mechanical Engineering	ME 201	MECHANICS OF SOLIDS	2015
364	ME	Mechanical Engineering	ME 203	MECHANICS OF FLUIDS	2015
365	ME	Mechanical Engineering	ME 205	METALLURGY AND MATERIAL ENGINEERING	2015
366	ME	Mechanical Engineering	EST 200	DESIGN AND ENGINEERING	2015
367	ME	Mechanical Engineering	ME201	COMPUTER AIDED MACHINE DRAWING	2015
368	ME	Mechanical Engineering	ME203	MATERIALS TESTING LAB	2015
369	ME	Mechanical Engineering	MA202	PROBABILITY DISTRIBUTIONS TRANSFORMS AND NUMERICAL METHODS	2015

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370	ME	Mechanical Engineering	ME202	ADVANCED MECHANICS OF SOLIDS	2015
371	ME	Mechanical Engineering	ME204	THERMAL ENGINEERING	2015
372	ME	Mechanical Engineering	ME206	FLUID MACHINERY	2015
373	ME	Mechanical Engineering	ME220	MANUFACTURING TECHNOLOGY	2015
374	ME	Mechanical Engineering	ME232	THERMAL ENGINEERING LAB	2015
375	ME	Mechanical Engineering	ME230	FLUID MECHANICS & MACHINES LAB	2015
376	ME	Mechanical Engineering	ME 301	MECHANICS OF MACHINERY	2015
377	ME	Mechanical Engineering	ME 303	MACHINE TOOLS & DIGITAL MANUFACTURING	2015
378	ME	Mechanical Engineering	ME 305	COMPUTER PROGRAMMING & NUMERICAL METHODS	2015
379	ME	Mechanical Engineering	EE 311	ELECTRICAL DRIVES & CONTROL FOR AUTOMATION	2015
380	ME	Mechanical Engineering	ME 367	NON-DESTRUCTIVE TESTING	2015
381	ME	Mechanical Engineering	ME 341	DESIGN PROJECT	2015
382	ME	Mechanical Engineering	ME 331	MANUFACTURING TECHNOLOGY LAB 1	2015
383	ME	Mechanical Engineering	EE 335	ELECTRICAL AND ELECTRONICS LAB	2015
384	ME	Mechanical Engineering	ME302	HEAT & MASS TRANSFER	2015
385	ME	Mechanical Engineering	ME304	DYNAMICS OF MACHINERY	2015
386	ME	Mechanical Engineering	ME306	ADVANCED MANUFACTURING TECHNOLOGY	2015

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387	ME	Mechanical Engineering	ME308	COMPUTER AIDED DESIGN AND ANALYSIS	2015
388	ME	Mechanical Engineering	ME312	METROLOGY AND INSTRUMENTATION	2015
389	ME	Mechanical Engineering	ME366	ADVANCED METAL JOINING PROCESS	2015
390	ME	Mechanical Engineering	ME332	COMPUTER AIDED DESIGN & ANALYSIS LAB	2015
391	ME	Mechanical Engineering	ME334	MANUFACTURING TECHNOLOGY LAB II	2015
392	ME	Mechanical Engineering	ME352	COMPREHENSIVE EXAM	2015
393	ME	Mechanical Engineering	ME 401	DESIGN OF MACHINE ELEMENTS I	2015
394	ME	Mechanical Engineering	ME 403	ADVANCED ENERGY ENGINEERING	2015
395	ME	Mechanical Engineering	ME 405	REFRIGERATION AND AIR CONDITIONING	2015
396	ME	Mechanical Engineering	ME 407	MECHATRONICS	2015
397	ME	Mechanical Engineering	ME 409	COMPRESSIBLE FLUID FLOW	2015
398	ME	Mechanical Engineering	ME463	AUTOMOBILE ENGINEERING	2015
399	ME	Mechanical Engineering	ME 451	SEMINAR & PROJECT PRELIMINARY	2015
400	ME	Mechanical Engineering	ME 431	MECHANICAL ENGINEERING LAB	2015
401	ME	Mechanical Engineering	ME402	DESIGN OF MACHINE ELEMENTS II	2015
402	ME	Mechanical Engineering	ME404	INDUSTRIAL ENGINEERING	2015
403	ME	Mechanical Engineering	ME462	PROPULSION ENGINEERING	2015

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404	ME	Mechanical Engineering	ME476	MATERIAL HANDLING & FACILITIES PLANNING	2015
405	ME	Mechanical Engineering	CE482	ENVIRONMENTAL IMPACT ASSESSMENT	2015
406	ME	Mechanical Engineering	EC482	BIOMEDICAL ENGINEERING	2015
407	ME	Mechanical Engineering	CE488	DISASTER MANAGEMENT	2015
408	ME	Mechanical Engineering	ME492	PROJECT	2015

## AY 2017-18

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
1	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA 101	CALCULUS	2015
2	CE/CSE/EC/EEE/ME/MR	Common to all Branches	CY 100	ENGINEERING CHEMISTRY	2015
3	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 110	ENGINEERING GRAPHICS	2015
4	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA 102	DIFFERENTIAL EQUATIONS	2015
5	CE/CSE/EC/EEE/ME/MR	Common to all Branches	PH 100	ENGINEERING PHYSICS	2015
6	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 100	ENGINEERING MECHANICS	2015
7	CE/CSE/EC/EEE/ME/MR	Common to all Branches	BE 102	DESIGN AND ENGINEERING	2015
8	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015

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9	CE/CSE/EC/EEE/ME/MR	Common to all Branches	MA202	PROBABILITY DISTRIBUTION TRANSFORMS AND NUMERICAL METHODS	2015
10	CE/CSE/EC/EEE/ME/MR	Common to all Branches	HS200	Business Economics	2015
11	CE/CSE/EC/EEE/ME/MR	Common to all Branches	HS210	Life Skills	2015
12	CE/CSE/EC/EEE/ME/MR	Common to all Branches	08GN6001	Research Methodology	2015
13	CE	Civil Engineering	CE201	MECHANICS OF SOLIDS	2015
14	CE	Civil Engineering	CE203	FLUID MECHANICS I	2015
15	CE	Civil Engineering	CE205	ENGINEERING GEOLOGY	2015
16	CE	Civil Engineering	CE207	SURVEYING	2015
17	CE	Civil Engineering	CE231	CIVIL ENGINEERING DRAFTING LAB	2015
18	CE	Civil Engineering	CE233	SURVEYING LAB I	2015
19	CE	Civil Engineering	CE202	STRUCTURAL ANALYSIS I	2015
20	CE	Civil Engineering	CE204	CONSTRUCTION TECHNOLOGY	2015
21	CE	Civil Engineering	CE206	FLUID MECHANICS II	2015
22	CE	Civil Engineering	CE208	GEOTECHNICAL ENGINEERING I	2015
23	CE	Civil Engineering	CE232	MATERIAL TESTING LAB I	2015
24	CE	Civil Engineering	CE234	FLUID MECHANICS LAB I	2015
25	CE	Civil Engineering	CE301	DESIGN OF CONCRETE STRUCTURES I	2015
26	CE	Civil Engineering	CE303	STRUCTURAL ANALYSIS II	2015

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27	CE	Civil Engineering	CE305	GEOTECHNICAL ENGINEERING II	2015
28	CE	Civil Engineering	CE307	GEOMETRICS	2015
29	CE	Civil Engineering	CE309	WATER RESOURCES ENGINEERING	2015
30	CE	Civil Engineering	CE365	FUNCTIONAL DESIGN OF BUILDINGS	2015
31	CE	Civil Engineering	CE371	ENVIRONMENT AND POLLUTION	2015
32	CE	Civil Engineering	CE341	DESIGN PROJECT	2015
33	CE	Civil Engineering	CE331	MATERIAL TESTING LAB II	2015
34	CE	Civil Engineering	CE333	GEOTECHNICAL ENGINEERING LAB	2015
35	CE	Civil Engineering	CE302	DESIGN OF HYDRAULIC STRUCTURE	2015
36	CE	Civil Engineering	CE304	DESIGN OF CONCRETE STRUCTURES II	2015
37	CE	Civil Engineering	CE306	COMPUTER PROGRAMMING AND COMPUTATIONAL TECHNIQUES	2015
38	CE	Civil Engineering	CE308	TRANSPORTATION ENGINEERING - I	2015
39	CE	Civil Engineering	CE374	AIR QUALITY MANAGEMENT	2015

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40	CE	Civil Engineering	CE332	TRANSPORTATION ENGINEERING LAB	2015
41	CE	Civil Engineering	CE334	COMPUTER AIDED CIVIL ENGINEERING LAB	2015
42	CE	Civil Engineering	CE352	COMPREHENSIVE EXAM	2015
43	CE	Civil Engineering	CE14 701	STRUCTURAL DESIGN III	2014
44	CE	Civil Engineering	CE14 702	DESIGN OF HYDRAULIC STRUCTURES	2014
45	CE	Civil Engineering	CE14 703	ENVIRONMENTAL ENGINEERING I	2014
46	CE	Civil Engineering	CE14 704 C	HIGHWAY PAVEMENT DESIGN	2014
47	CE	Civil Engineering	CE14 704 E	CONCRETE TECHNOLOGY	2014
48	CE	Civil Engineering	CE14 705B	SOIL EXPLORATION, TESTING AND EVALUATION	2014
49	CE	Civil Engineering	CE14 706(P)	COMPUTER APPLICATIONS LAB	2014
50	CE	Civil Engineering	CE14 707(P)	ENVIRONMENTAL ENGINEERING LAB	2014
51	CE	Civil Engineering	CE14 708(P)	PROJECT	2014
52	CE	Civil Engineering	CE14 801	ENVIRONMENTAL ENGINEERING II	2014
53	CE	Civil Engineering	CE14 802	QUANTITY SURVEYING & VALUATION	2014
54	CE	Civil Engineering	CE14 803	CONSTRUCTION ENGINEERING &	2014

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				MANAGEMENT	
55	CE	Civil Engineering	CE14 804(E)	REMOTE SENSING AND GIS	2014
56	CE	Civil Engineering	CE14 805D	GROUND IMPROVEMENT TECHNIQUES	2014
57	CE	Civil Engineering	CE14 805E	ENVIRONMENTAL POLLUTION CONTROL ENGINEERING	2014
58	CE	Civil Engineering	CE14 806(P)	SEMINAR	2014
59	CE	Civil Engineering	CE14 807(P)	PROJECT	2014
60	CE	Civil Engineering	CE14 808(P)	VIVA VOCE	2014
61	CE	Tranportation Engineering	08MA6201	Applied Statistics And Probability	2017
62	CE	Tranportation Engineering	08CE6201	Fundamentals Of Fundamentals Of Traffic Engineering	2017
63	CE	Tranportation Engineering	08CE6203	Pavement analysis and design	2017
64	CE	Tranportation Engineering	08CE6205	Urban Transporation	2017
65	CE	Tranportation Engineering	08 CE6215	Road Safety Engineering	2017
66	CE	Tranportation Engineering	08CE6291	Seminar	2017
67	CE	Tranportation Engineering	08CE6293	Pavement Engineering Lab	2017
68	CE	Tranportation Engineering	08CE6202	Regional Transporation	2017

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JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

				planning	
69		Tranportation Engineering	08CE6204	pavement construction evaluation and mainatance	2017
70	CE	Tranportation Engineering	08CE6206	Advanced traffic Engineering	2017
71	CE	Tranportation Engineering	08CE6214	Gis And Its Applications In Transportation Engineering	2017
72	CE	Tranportation Engineering	08CE6224	Intelligent Transportation System	2017
73	CE	Tranportation Engineering	08CE6292	Mini Project	2017
74	CE	Tranportation Engineering	08CE6294	Transportation Engineering Lab	2017
75	CS	Computer science and Engineering	BE 101-05	INTRODUCTION TO COMPUTING & PROBLEM SOLVING	2015
76	CS	Computer science and Engineering	CS 100	COMPUTER PROGRAMMING	2015
77	CS	Computer science and Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
78	CS	Computer science and Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
79	CS	Computer science and Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
80	CS	Computer science and Engineering	CS 110	BASIC ENGINEERING WORK SHOP(CS)	2015
81	CS	Computer science and Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
82	CS	Computer science and Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015

Dr. SUNNY JOSEPH KALAYATHAN  
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*Sunny*



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83	CS	Computer science and Engineering	EE100	BASICS OF ELECTRICAL ENGINEERING	2015
84	CS	Computer science and Engineering	EE110	BASIC ELECTRICAL WORKSHOP	2015
85	CS	Computer science and Engineering	CS120	COMPUTER PROGRAMING LAB	2015
86	CS	Computer science and Engineering	CS201	DISCRETE COMPUTATIONAL STRUCTURES	2015
87	CS	Computer science and Engineering	CS 203	SWITCHING THEORY AND LOGIC DESIGN	2015
88	CS	Computer science and Engineering	CS 205	DATA STRUCTURES	2015
89	CS	Computer science and Engineering	CS207	ELECTRONICS DEVICES & CIRCUITS	2015
90	CS	Computer science and Engineering	CS 231	DATA STRUCTURES LAB	2015
91	CS	Computer science and Engineering	CS233	ELECTRONICS CIRCUITS LAB	2015
92	CS	Computer science and Engineering	CS 202	COMPUTER ORGANIZATION AND ARCHITECTURE	2015
93	CS	Computer science and Engineering	CS 204	OPERATING SYSTEMS	2015
94	CS	Computer science and Engineering	CS 206	OBJECT ORIENTED DESIGN AND PROGRAMMING	2015
95	CS	Computer science and Engineering	CS 208	PRINCIPLES OF DATABASE DESIGN	2015

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96	CS	Computer science and Engineering	CS232	FREE AND OPEN SOURCE SOFTWARE LAB	2015
97	CS	Computer science and Engineering	CS234	DIGITAL SYSTEMS LAB	2015
98	CS	Computer science and Engineering	CS301	THEORY OF COMPUTATION	2015
99	CS	Computer science and Engineering	CS303	SYSTEM SOFTWARE	2015
100	CS	Computer science and Engineering	CS305	MICROPROCESSORS AND MICROCONTROLLERS	2015
101	CS	Computer science and Engineering	CS307	DATA COMMUNICATION	2015
102	CS	Computer science and Engineering	CS309	GRAPH THEORY AND COMBINATORICS	2015
103	CS	Computer science and Engineering	CS361	SOFT COMPUTING	2015
104	CS	Computer science and Engineering	CS367	LOGIC FOR COMPUTER SCIENCE	2015
105	CS	Computer science and Engineering	CS365	OPTIMIZATION TECHNIQUES	2015
106	CS	Computer science and Engineering	CS333	APPLICATION SOFTWARE DEVELOPMENT LAB	2015
107	CS	Computer science and Engineering	CS331	SYSTEM SOFTWARE LAB	2015
108	CS	Computer science and Engineering	CS341	DESIGN PROJECT	2015
109	CS	Computer science and Engineering	CS302	DESIGN AND ANALYSIS OF ALGORITHMS	2015
110	CS	Computer science and Engineering	CS304	COMPILER DESIGN	2015
111	CS	Computer science and Engineering	CS306	COMPUTER NETWORKS	2015

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112	CS	Computer science and Engineering	CS308	SOFTWARE ENGINEERING AND PROJECT MANAGEMENT	2015
113	CS	Computer science and Engineering	CS364	MOBILE COMPUTING	2015
114	CS	Computer science and Engineering	CS368	WEB TECHNOLOGIES	2015
115	CS	Computer science and Engineering	CS372	HIGH PERFORMANCE COMPUTING	2015
116	CS	Computer science and Engineering	CS366	NATURAL LANGUAGE PROCESSING	2015
117	CS	Computer science and Engineering	CS362	COMPUTER VISION	2015
118	CS	Computer science and Engineering	CS332	MICROPROCESSOR LAB	2015
119	CS	Computer science and Engineering	CS334	NETWORK PROGRAMMING LAB	2015
120	CS	Computer science and Engineering	CS14 701	DESIGN & ANALYSIS OF ALGORITHMS	2014
121	CS	Computer science and Engineering	CS14 702	CRYPTOGRAPHY & NETWORK SECURITY	2014
122	CS	Computer science and Engineering	CS14 703	ARTIFICIAL INTELLIGENCE	2014
123	CS	Computer science and Engineering	CS14 704 ( C)	GRID COMPUTING	2014
124	CS	Computer science and Engineering	CS14 704 (E)	SIMULATION AND MOELING	2014
125	CS	Computer science and Engineering	CS14 705(A)	SOFT COMPUTING	2014
126	CS	Computer science and Engineering	CS14 706(P)	COMPILER LAB	2014
127	CS	Computer science and Engineering	CS14 707(P)	NETWORK LAB	2014
128	CS	Computer science and Engineering	CS14 708(P)	PROJECT	2014

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129	CS	Computer science and Engineering	CS14 801	COMPUTER ARCHITECTURE AND PARALLEL PROCESSING	2014 14
130	CS	Computer science and Engineering	CS14 802	DISTRIBUTED SYSTEMS	2014 14
131	CS	Computer science and Engineering	CS14 803	DATA MINING AND WAREHOUSING	2014 14
132	CS	Computer science and Engineering	CS14 804(B)	INFORMATION RETRIEVAL	2014 14
133	CS	Computer science and Engineering	CS14 805(B)	CLOUD COMPUTING	2014 14
134	CS	Computer science and Engineering	CS14 805(D)	WEB PROGRAMMING	2014 14
135	CS	Computer science and Engineering	CS14 806(P)	SEMINAR	2014 14
136	CS	Computer science and Engineering	CS14 807(P)	PROJECT	2014 14
137	CSE	Computer Science and Engineering	08 CS 6011	Operating System Design	2015 15
138	CSE	Computer Science and Engineering	08 CS 6021	Advanced Data Structures	2015 15
139	CSE	Computer Science and Engineering	08 CS 6031	Advanced Database Technology	2015 15
140	CSE	Computer Science and Engineering	08 CS 6041	Mathematical Foundations of Computer Science	2015 15
141	CSE	Computer Science and Engineering	08 CS 6051	Computational Intelligence	2015 15
142	CSE	Computer Science and Engineering	08 CS 6071(P)	Seminar I	2015 15

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143	CSE	Computer Science and Engineering	08 CS 6081(P)	Advanced Data Structure Lab	2015
144	CSE	Computer Science and Engineering	08CS6012	ADVANCED COMPILER DESIGN	2015
145	CSE	Computer Science and Engineering	08CS6022	INFORMATION RETRIEVAL	2015
146	CSE	Computer Science and Engineering	08CS6032	EVOLUTIONARY COMPUTING	2015
147	CSE	Computer Science and Engineering	08CS6042	Big Data	2015
148	CSE	Computer Science and Engineering	08CS6052	Cloud Computing	2015
149	CSE	Computer Science and Engineering	08CS6062(P)	MINI PROJECT	2015
150	CSE	Computer Science and Engineering	08CS6072(P)	DATA MINING AND ANALYTICS LAB	2015
151	CSE	Computer Science and Engineering	08 CS 7021	Unix Internals	2015
152	CSE	Computer Science and Engineering	08 CS 7011	Advanced Architecture	2015
153	CSE	Computer Science and Engineering	08 CS 7031(P)	Seminar II	2015
154	CSE	Computer Science and Engineering	08CS7041(P)	MASTERS RESEARCH PROJECT (PHASE I)	2015

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155	CSE	Computer Science and Engineering	08CS7012(P)	MASTERS RESEARCH PROJECT (PHASE II)	2015
156	ECE	Electronics and Communication Engineering	BE 101-04	INTRODUCTION TO ELECTRONICS ENGINEERING	2015
157	ECE	Electronics and Communication Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
158	ECE	Electronics and Communication Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
159	ECE	Electronics and Communication Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
160	ECE	Electronics and Communication Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
161	ECE	Electronics and Communication Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
162	ECE	Electronics and Communication Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
163	ECE	Electronics and Communication Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
164	ECE	Electronics and Communication Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
165	ECE	Electronics and Communication Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EE)	2015
166	ECE	Electronics and Communication Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
167	ECE	Electronics and Communication Engineering	CS234	DIGITAL SYSTEMS LAB	2015

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168	ECE	Electronics and Communication Engineering	EC201	NETWORK THEORY	2015
169	ECE	Electronics and Communication Engineering	EC203	SOLID STATE DEVICES	2015
170	ECE	Electronics and Communication Engineering	EC205	ELECTRONIC CIRCUITS	2015
171	ECE	Electronics and Communication Engineering	EC207	LOGIC CIRCUIT DESIGN	2015
172	ECE	Electronics and Communication Engineering	EC231	ELECTRONIC DEVICES & CIRCUITS LAB	2015
173	ECE	Electronics and Communication Engineering	EC233	ELECTRONIC DESIGN AUTOMATION LAB	2015
174	ECE	Electronics and Communication Engineering	EC202	SIGNAL & SYSTEMS	2015
175	ECE	Electronics and Communication Engineering	EC204	ANALOG INTEGRATED CIRCUITS	2015
176	ECE	Electronics and Communication Engineering	EC206	COMPUTER ORGANIZATION	2015
177	ECE	Electronics and Communication Engineering	EC208	ANALOG COMMUNICATION ENGINEERING	2015
178	ECE	Electronics and Communication Engineering	HS210	LIFE SKILLS	2015
179	ECE	Electronics and Communication Engineering	HS200	BUSINESS ECONOMICS	2015
180	ECE	Electronics and Communication Engineering	EC232	ANALOG INTEGRATED CIRCUITS LAB	2015
181	ECE	Electronics and Communication Engineering	EC230	LOGIC CIRCUIT DESIGN	2015

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		Engineering		LAB	
182	ECE	Electronics and Communication Engineering	EC301	DIGITAL SIGNAL PROCESSING	2015
183	ECE	Electronics and Communication Engineering	EC303	APPLIED ELECTROMAGNETIC THEORY	2015
184	ECE	Electronics and Communication Engineering	EC305	MICROPROCESSORS & MICROCONTROLLERS	2015
185	ECE	Electronics and Communication Engineering	EC307	POWER ELECTRONICS & INSTRUMENTATION	2015
186	ECE	Electronics and Communication Engineering	HS300	PRINCIPLES OF MANAGEMENT	2015
187	ECE	Electronics and Communication Engineering	EC341	DESIGN PROJECT	2015
188	ECE	Electronics and Communication Engineering	EC333	DIGITAL SIGNAL PROCESSING LAB	2015
189	ECE	Electronics and Communication Engineering	EC361	DIGITAL SYSTEM DESIGN	2015
190	ECE	Electronics and Communication Engineering	EC365	BIOMEDICAL ENGINEERING	2015
191	ECE	Electronics and Communication Engineering	EC363	OPTIMIZATION TECHNIQUES	2015
192	ECE	Electronics and Communication Engineering	EC335	POWER ELECTRONICS & INSTRUMENTATION LAB	2015
193	ECE	Electronics and Communication Engineering	EC302	DIGITAL COMMUNICATION	2015
194	ECE	Electronics and Communication	EC304	VLSI	2015

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		Engineering			
195	ECE	Electronics and Communication Engineering	EC306	ANTENNA & WAVE PROPAGATION	2015
196	ECE	Electronics and Communication Engineering	EC308	EMBEDDED SYSTEM	2015
197	ECE	Electronics and Communication Engineering	EC368	ROBOTICS	2015
198	ECE	Electronics and Communication Engineering	EC370	DIGITAL IMAGE PROCESSING	2015
199	ECE	Electronics and Communication Engineering	EC312	OBJECT ORIENTED PROGRAMMING	2015
200	ECE	Electronics and Communication Engineering	EC332	COMMUNICATION ENGG LAB (ANALOG & DIGITAL)	2015
201	ECE	Electronics and Communication Engineering	EC334	MICROCONTROLLER LAB	2015
202	ECE	Electronics and Communication Engineering	EC352	COMPREHENSIVE EXAM	2015
203	ECE	Electronics and Communication Engineering	EC14 701	Information Theory and Coding	2014
204	ECE	Electronics and Communication Engineering	EC14 702	Microwave Engineering	2014
205	ECE	Electronics and Communication Engineering	EC14 703	Digital System Design	2014
206	ECE	Electronics and Communication Engineering	EC14 707(P)	Communication systems Lab	2014
207	ECE	Electronics and Communication Engineering	EC14 708(P)	VLSI Design Lab	2014

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208	ECE	Electronics and Communication Engineering	EC14 709(P)	Project	2014
209	ECE	Electronics and Communication Engineering	EC14 704(B)	Television & Radar Engineering	2014
210	ECE	Electronics and Communication Engineering	EC14 705(E)	Biomedical Instrumentation	2014
211	ECE	Electronics and Communication Engineering	EC14 801	Data & Communication Network	2014
212	ECE	Electronics and Communication Engineering	EC14 802	Economics & Management	2014
213	ECE	Electronics and Communication Engineering	EC14 803	Wireless Mobile communication	2014
214	ECE	Electronics and Communication Engineering	EC14 806(P)	Seminar	2014
215	ECE	Electronics and Communication Engineering	EC14 807(P)	Project	2014
216	ECE	Electronics and Communication Engineering	EC14 808(P)	Viva – Voce	2014
217	ECE	Communication Engineering and signal processing	08EC6011	Advanced Digital communication Techniques	2015
218	ECE	Communication Engineering and signal processing	08EC6021	Wireless Mobile Networks	2015
219	ECE	Communication Engineering and signal processing	08EC6031	Communication Networks	2015
220	ECE	Communication Engineering and signal processing	08EC6041	Mathematics for Communication Engineers	2015

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221	ECE	Communication Engineering and signal processing	08EC6071	Seminar	2015
222	ECE	Communication Engineering and signal processing	08EC6051(D)	CDMA Technology	2015
223	ECE	Communication Engineering and signal processing	08EC6081	Communication modeling and Simulation Laboratory	2015
224	ECE	Communication Engineering and signal processing	08EC7211 (A)	Signal Compression-Theory and Methods	2015
225	ECE	Communication Engineering and signal processing	08EC7221 (D)	Information Theory and Data Encryption	2015
226	ECE	Communication Engineering and signal processing	08EC7031	Seminar	2015
227	ECE	Communication Engineering and signal processing	08EC7041	Project(Phase-1)	2015
228	ECE	Communication Engineering and signal processing	08 EC 6212	WIRELESS COMMUNICATION	2015
229	ECE	Communication Engineering and signal processing	08 EC 6222	ESTIMATION AND DETECTION	2015
230	ECE	Communication Engineering and signal processing	08 EC 6232	CODING THEORY	2015
231	EEE	Electrical and Electronics Engineering	BE 101-03	INTRODUCTION TO ELECTRICAL ENGINEERING	2015
232	EEE	Electrical and Electronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015

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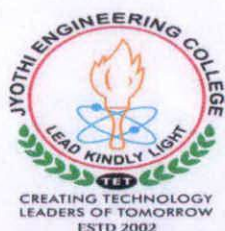
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233	EEE	Electrical and Electronics Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
234	EEE	Electrical and Electronics Engineering	EC100	BASICS OF ELECTRONICS ENGINEERING	2015
235	EEE	Electrical and Electronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
236	EEE	Electrical and Electronics Engineering	CE 110	CIVIL ENGINEERING WORK SHOP	2015
237	EEE	Electrical and Electronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
238	EEE	Electrical and Electronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
239	EEE	Electrical and Electronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
240	EEE	Electrical and Electronics Engineering	ME 110	MECHANICAL ENGINEERING WORK SHOP	2015
241	EEE	Electrical and Electronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
242	EEE	Electrical and Electronics Engineering	EE201	Circuits and, Networks	2015
243	EEE	Electrical and Electronics Engineering	EE203	Analog Electronic Circuits	2015
244	EEE	Electrical and Electronics Engineering	EE205	DC Machines and Transformers	2015
245	EEE	Electrical and Electronics Engineering	EE207	Computer Programming	2015
246	EEE	Electrical and Electronics Engineering	EE231	Electronic Circuits Lab	2015
247	EEE	Electrical and Electronics Engineering	EE233	Programming Lab	2015

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# Jyothi Engineering College

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

248	EEE	Electrical and Electronics Engineering	EE202	Synchronous and Induction Machines	2015
249	EEE	Electrical and Electronics Engineering	EE204	Digital Electronics and Logic Design	2015
250	EEE	Electrical and Electronics Engineering	EE206	Material Science	2015
251	EEE	Electrical and Electronics Engineering	EE208	Measurements and Instrumentation	2015
252	EEE	Electrical and Electronics Engineering	EE232	Electrical Machines Lab I	2015
253	EEE	Electrical and Electronics Engineering	EE234	Circuits and Measurements Lab	2015
254	EEE	Electrical and Electronics Engineering	EE301	Power Generation, Transmission and Protection	2015
255	EEE	Electrical and Electronics Engineering	EE303	Linear Control Systems	2015
256	EEE	Electrical and Electronics Engineering	EE305	Power Electronics	2015
257	EEE	Electrical and Electronics Engineering	EE307	Signals and Systems	2015
258	EEE	Electrical and Electronics Engineering	EE309	Microprocessor and Embedded Systems	2015
259	EEE	Electrical and Electronics Engineering	EE367	New and Renewable Energy Systems	2015
260	EEE	Electrical and Electronics Engineering	EE341	Design Project	2015
261	EEE	Electrical and Electronics Engineering	EE331	Digital Circuits and Embedded Systems Lab	2015
262	EEE	Electrical and Electronics Engineering	EE333	Electrical Machines Lab II	2015
263	EEE	Electrical and Electronics Engineering	EE302	Electromagnetics	2015
264	EEE	Electrical and Electronics Engineering	EE304	Advanced Control Theory	2015
265	EEE	Electrical and Electronics Engineering	EE306	Power System Analysis	2015

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266	EEE	Electrical and Electronics Engineering	EE308	Electric Drives	2015
267	EEE	Electrical and Electronics Engineering	HS300	Principles of Management	2015
268	EEE	Electrical and Electronics Engineering	EE372	Biomedical Instrumentation	2015
269	EEE	Electrical and Electronics Engineering	EE366	Illumination Technology	2015
270	EEE	Electrical and Electronics Engineering	EE332	Systems and Control Lab	2015
271	EEE	Electrical and Electronics Engineering	EE334	Power Electronics and Drives Lab	2015
272	EEE	Electrical and Electronics Engineering	EE352	Comprehensive Exam	2015
273	EEE	Electrical and Electronics Engineering	EE14 701	Power System Analysis	2014
274	EEE	Electrical and Electronics Engineering	EE14 702	Modern Control Theory	2014
275	EEE	Electrical and Electronics Engineering	EE14 703	Electric Drives	2014
276	EEE	Electrical and Electronics Engineering	EE14 704(D)	Mechatronics	2014
277	EEE	Electrical and Electronics Engineering	EE14 704(B)	Electrical Machine Design	2014
278	EEE	Electrical and Electronics Engineering	EE14 705(C)	Electrical Power Utilization	2014
279	EEE	Electrical and Electronics Engineering	EE14 706(P)	Power Electronics Lab	2014
280	EEE	Electrical and Electronics Engineering	EE14 707(P)	System Simulation & Control Lab	2014
281	EEE	Electrical and Electronics Engineering	EE14 708(P)	Project	2014
282	EEE	Electrical and Electronics Engineering	EE14 801	Electrical System Design	2014
283	EEE	Electrical and Electronics Engineering	EE14 802	FACTS Controllers & Custom Power Devices	2014
284	EEE	Electrical and Electronics Engineering	EE14 803	Power System Protection	2014
285	EEE	Electrical and Electronics Engineering	EE14 804(A)	Biomedical Engineering	2014
286	EEE	Electrical and Electronics Engineering	EE14 805(C)	Organizational Behaviour	2014

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287	EEE	Electrical and Electronics Engineering	EE14 805(F)	Process Control and Instrumentation	2014
288	EEE	Electrical and Electronics Engineering	EE14 806(P)	Seminar	2014
289	EEE	Electrical and Electronics Engineering	EE14 807(P)	Project	2014
290	EEE	Electrical and Electronics Engineering	EE14 808(P)	Viva Voce	2014
291	PE	POWER ELECTRONICS	08EE6211	Applied Mathematics	2015
292	PE	POWER ELECTRONICS	08EE6221	System Dynamics	2015
293	PE	POWER ELECTRONICS	08EE6231	Analysis of Power Electronic Circuits I	2015
294	PE	POWER ELECTRONICS	08EE6241	Electric Drives	2015
295	PE	POWER ELECTRONICS	08EE6251(A)	Power Semiconductor Devices & Modeling	2015
296	PE	POWER ELECTRONICS	08EE6271	Seminar	2015
297	PE	POWER ELECTRONICS	08EE6281	Power Electronics Lab	2015
298	PE	POWER ELECTRONICS	08EE6212	Analysis of Power Electronics circuits II	2015
299	PE	POWER ELECTRONICS	08EE6222	Switched Mode power Converters	2015
300	PE	POWER ELECTRONICS	08EE6232	Advanced Electric Drives	2015
301	PE	POWER ELECTRONICS	08EE6242 (A)	Facts and Custom power Devices	2015
302	PE	POWER ELECTRONICS	08EE6252(A)	Embedded Controllers and Real Time systems	2015
303	PE	POWER ELECTRONICS	08EE6262	Mini Project	2015
304	PE	POWER ELECTRONICS	08EE6272	Advanced Power Electronics Lab	2015

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305	PE	POWER ELECTRONICS	08EE7211(A)	SPECIAL ELECTRICAL MACHINES & DRIVES	2015
306	PE	POWER ELECTRONICS	08EE7221(A)	SOFT COMPUTING TECHNIQUES	2015
307	PE	POWER ELECTRONICS	08EE7231	SEMINAR	2015
308	PE	POWER ELECTRONICS	08EE7241	PROJECT PHASE I	2015
309	PE	POWER ELECTRONICS	08EE7212	PROJECT PHASE II	2015
310	MR	Mechatronics Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
311	MR	Mechatronics Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
312	MR	Mechatronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
313	MR	Mechatronics Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
314	MR	Mechatronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
315	MR	Mechatronics Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
316	MR	Mechatronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP	2015
317	MR	Mechatronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
318	MR	Mechatronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015

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319	MR	Mechatronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015
320	MR	Mechatronics Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
321	ME	Mechanical Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
322	ME	Mechanical Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
323	ME	Mechanical Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
324	ME	Mechanical Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
325	ME	Mechanical Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
326	ME	Mechanical Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
327	ME	Mechanical Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
328	ME	Mechanical Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
329	ME	Mechanical Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
330	ME	Mechanical Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
331	ME	Mechanical Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015

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332	ME	Mechanical Engineering	ME 201	MECHANICS OF SOLIDS	2015
333	ME	Mechanical Engineering	ME 203	MECHANICS OF FLUIDS	2015
334	ME	Mechanical Engineering	ME 205	METALLURGY AND MATERIAL ENGINEERING	2015
335	ME	Mechanical Engineering	EST 200	DESIGN AND ENGINEERING	2015
336	ME	Mechanical Engineering	ME201	COMPUTER AIDED MACHINE DRAWING	2015
337	ME	Mechanical Engineering	ME203	MATERIALS TESTING LAB	2015
338	ME	Mechanical Engineering	ME202	ADVANCED MECHANICS OF SOLIDS	2015
339	ME	Mechanical Engineering	ME204	THERMAL ENGINEERING	2015
340	ME	Mechanical Engineering	ME206	FLUID MACHINERY	2015
341	ME	Mechanical Engineering	ME220	MANUFACTURING TECHNOLOGY	2015
342	ME	Mechanical Engineering	ME232	THERMAL ENGINEERING LAB	2015
343	ME	Mechanical Engineering	ME230	FLUID MECHANICS & MACHINES LAB	2015
344	ME	Mechanical Engineering	ME 301	MECHANICS OF MACHINERY	2015
345	ME	Mechanical Engineering	ME 303	MACHINE TOOLS & DIGITAL MANUFACTURING	2015
346	ME	Mechanical Engineering	ME 305	COMPUTER PROGRAMMING & NUMERICAL METHODS	2015

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361	ME	Mechanical Engineering	ME14 701	REFRIGERATION AND AIR CONDITIONING	2014
362	ME	Mechanical Engineering	ME14 702	MACHINE DESIGN II	2014
363	ME	Mechanical Engineering	ME14 703	COMPUTER INTEGRATED MANUFACTURING	2014
364	ME	Mechanical Engineering	ME14 704 E	INDUSTRIAL AUTOMATION	2014
365	ME	Mechanical Engineering	ME14 704 G	FINITE ELEMENT METHODS	2014
366	ME	Mechanical Engineering	ME14 705 A	LOGISTICS AND SUPPLY CHAIN MANAGEMENT	2014
367	ME	Mechanical Engineering	ME14 705 D	DESIGN OF JIGS & FIXTURES	2014
368	ME	Mechanical Engineering	ME14 706(P)	THERMAL LAB II	2014
369	ME	Mechanical Engineering	ME14 707(P)	CAD/CAM LAB	2014
370	ME	Mechanical Engineering	ME14 708(P)	PROJECT PHASE I	2014
371	ME	Mechanical Engineering	ME14 801	MECHATRONICS	2014
372	ME	Mechanical Engineering	ME14 802	POWER PLANT ENGINEERING	2014
373	ME	Mechanical Engineering	ME14 803	OPERATION MANAGEMENT	2014
374	ME	Mechanical Engineering	ME14 804(A)	MARKETING MANAGEMENT	2014
375	ME	Mechanical Engineering	ME14 804(D)	CRYOGENIC ENGINEERING	2014

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

347	ME	Mechanical Engineering	EE 311	ELECTRICAL DRIVES & CONTROL FOR AUTOMATION	2015
348	ME	Mechanical Engineering	ME 367	NON-DESTRUCTIVE TESTING	2015
349	ME	Mechanical Engineering	ME 341	DESIGN PROJECT	2015
350	ME	Mechanical Engineering	ME 331	MANUFACTURING TECHNOLOGY LAB I	2015
351	ME	Mechanical Engineering	EE 335	ELECTRICAL AND ELECTRONICS LAB	2015
352	ME	Mechanical Engineering	ME302	HEAT & MASS TRANSFER	2015
353	ME	Mechanical Engineering	ME304	DYNAMICS OF MACHINERY	2015
354	ME	Mechanical Engineering	ME306	ADVANCED MANUFACTURING TECHNOLOGY	2015
355	ME	Mechanical Engineering	ME308	COMPUTER AIDED DESIGN AND ANALYSIS	2015
356	ME	Mechanical Engineering	ME312	METROLOGY AND INSTRUMENTATION	2015
357	ME	Mechanical Engineering	ME366	ADVANCED METAL JOINING PROCESS	2015
358	ME	Mechanical Engineering	ME332	COMPUTER AIDED DESIGN & ANALYSIS LAB	2015
359	ME	Mechanical Engineering	ME334	MANUFACTURING TECHNOLOGY LAB II	2015
360	ME	Mechanical Engineering	ME352	COMPREHENSIVE EXAM	2015

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376	ME	Mechanical Engineering	ME14 805(A)	QUALITY ENGINEERING AND MANAGEMENT	2014
377	ME	Mechanical Engineering	ME14 805(F)	INDUSTRIAL MAINTENENCE	2014
378	ME	Mechanical Engineering	ME14 806 (P)	SEMINAR	2014
379	ME	Mechanical Engineering	ME14 807 (P)	PROJECT	2014

## AY 2016-17

Sl.No	Program code	Program Name	Course code	Course Name	
1	CE/CSE/EC/EEE/ME	Common to all Branches	MA 101	CALCULUS	2015
2	CE/CSE/EC/EEE/ME	Common to all Branches	CY 100	ENGINEERING CHEMISTRY	2015
3	CE/CSE/EC/EEE/ME	Common to all Branches	BE 110	ENGINEERING GRAPHICS	2015
4	CE/CSE/EC/EEE/ME	Common to all Branches	MA 102	DIFFERENTIAL EQUATIONS	2015
5	CE/CSE/EC/EEE/ME	Common to all Branches	PH 100	ENGINEERING PHYSICS	2015
6	CE/CSE/EC/EEE/ME	Common to all Branches	BE 100	ENGINEERING MECHANICS	2015
7	CE/CSE/EC/EEE/ME	Common to all Branches	BE 102	DESIGN AND ENGINEERING	2015
8	CE/CSE/EC/EEE/ME	Common to all Branches	MA201	LINEAR ALGEBRA & COMPLEX ANALYSIS	2015
9	CE/CSE/EC/EEE/ME	Common to all Branches	MA202	PROBABILITY DISTRIBUTION TRANSFORMS AND NUMERICAL METHODS	2015
10	CE/CSE/EC/EEE/ME	Common to all Branches	HS200	Business Economics	2015

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11	CE/CSE/EC/EEE/ME	Common to all Branches	HS210	Life Skills	2015
12	CE/CSE/EC/EEE/ME	Common to all Branches	08GN6001	Research Methodology	2015
13	CE	Civil Engineering	BE 101-01	INTRODUCTION TO CIVIL ENGINEERING	2015
14	CE	Civil Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
15	CE	Civil Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
16	CE	Civil Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING(EC)	2015
17	CE	Civil Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
18	CE	Civil Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
19	CE	Civil Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
20	CE	Civil Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
21	CE	Civil Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
22	CE	Civil Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
23	CE	Civil Engineering	ME 110	BASIC ENGINEERING WORK SHOP(ME)	2015
24	CE	Civil Engineering	CE203	FLUID MECHANICS I	2015
25	CE	Civil Engineering	CE205	ENGINEERING GEOLOGY	2015

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26	CE	Civil Engineering	CE207	SURVEYING	2015
27	CE	Civil Engineering	CE231	CIVIL ENGINEERING DRAFTING LAB	2015
28	CE	Civil Engineering	CE233	SURVEYING LAB I	2015
29	CE	Civil Engineering	CE202	STRUCTURAL ANALYSIS I	2015
30	CE	Civil Engineering	CE204	CONSTRUCTION TECHNOLOGY	2015
31	CE	Civil Engineering	CE206	FLUID MECHANICS II	2015
32	CE	Civil Engineering	CE208	GEOTECHNICAL ENGINEERING I	2015
33	CE	Civil Engineering	CE232	MATERIAL TESTING LAB I	2015
34	CE	Civil Engineering	CE234	FLUID MECHANICS LAB I	2015
35	CE	Civil Engineering	CE14 501	STRUCTURAL DESIGN I	2014
36	CE	Civil Engineering	CE14 502	BUILDING TECHNOLOGY II	2014
37	CE	Civil Engineering	CE14 503	TRANSPORTATION ENGINEERING I	2014
38	CE	Civil Engineering	CE14 504	STRUCTURAL ANALYSIS II	2014
39	CE	Civil Engineering	CE14 505	GEOTECHNICAL ENGINEERING I	2014
40	CE	Civil Engineering	CE14 506	OPEN CHANNEL HYDRAULICS & HYDRAULIC MACHINERY"	2014
41	CE	Civil Engineering	CE14 507	CIVIL ENGINEERING DRAWING II	2014

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42	CE	Civil Engineering	CE14 508	FLUID MECHANICS LAB	2014
43	CE	Civil Engineering	CE14 601	STRUCTURAL DESIGN II	2014
44	CE	Civil Engineering	CE14 602	TRANSPORTATION ENGINEERING II	2014
45	CE	Civil Engineering	CE14 603	HYDROLOGY & IRRIGATION ENGINEERING	2014
46	CE	Civil Engineering	CE14 604	STRUCTURAL ANALYSIS III	2014
47	CE	Civil Engineering	CE14 605	GEOTECHNICAL ENGINEERING II	2014
48	CE	Civil Engineering	CE14 606	"COMPUTATIONAL METHODS AND OPERATIONS RESEARCH"	2014
49	CE	Civil Engineering	CE14 607	GEOTECHNICAL ENGINEERING LAB	2014
50	CE	Civil Engineering	CE14 608	MATERIALS TESTING LAB II	2014
51	CE	Civil Engineering	CE09 701	STRUCTURAL DESIGN III	2009
52	CE	Civil Engineering	CE09 702	DESIGN OF HYDRAULIC STRUCTURES	2009
53	CE	Civil Engineering	CE09 703	ENVIRONMENTAL ENGINEERING I	2009
54	CE	Civil Engineering	CE09 704	CONSTRUCTION ENGINEERING & MANAGEMENT	2009

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

55	CE	Civil Engineering	CE09 L14	SOIL EXPLORATION, TESTING AND EVALUATION	2009
56	CE	Civil Engineering	CE09 L17	ARCHITECTURE AND TOWN PLANNING	2009
57	CE	Civil Engineering	CE09 707	COMPUTER APPLICATIONS LAB	2009
58	CE	Civil Engineering	CE09 708	ENVIRONMENTAL ENGINEERING LAB	2009
59	CE	Civil Engineering	CE09 709	PROJECT	2009
60	CE	Civil Engineering	CE09 801	ENVIRONMENTAL ENGINEERING II	2009
61	CE	Civil Engineering	CE09 802	QUANTITY SURVEY & VALUATION	2009
62	CE	Civil Engineering	CE09 L21	GROUND IMPROVEMENT TECHNIQUES	2009
63	CE	Civil Engineering	CE09 L22	ENVIRONMENTAL POLLUTION CONTROL ENGINEERING	2009
64	CE	Civil Engineering	CE09 805	SEMINAR	2009
65	CE	Civil Engineering	CE09 806	PROJECT	2009
66	CE	Civil Engineering	CE09 807	VIVA VOC	2009
67	CS	Computer science and Engineering	BE 101-05	INTRODUCTION TO COMPUTING & PROBLEM SOLVING	2015
68	CS	Computer science and Engineering	CS 100	COMPUTER PROGRAMMING	2015

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69	CS	Computer science and Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
70	CS	Computer science and Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
71	CS	Computer science and Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
72	CS	Computer science and Engineering	CS 110	BASIC ENGINEERING WORK SHOP(CS)	2015
73	CS	Computer science and Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
74	CS	Computer science and Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015
75	CS	Computer science and Engineering	EE100	BASICS OF ELECTRICAL ENGINEERING	2015
76	CS	Computer science and Engineering	EE110	BASIC ELECTRICAL WORKSHOP	2015
77	CS	Computer science and Engineering	CS120	COMPUTER PROGRAMING LAB	2015
78	CS	Computer science and Engineering	CS201	DISCRETE COMPUTATIONAL STRUCTURES	2015
79	CS	Computer science and Engineering	CS 203	SWITCHING THEORY AND LOGIC DESIGN	2015
80	CS	Computer science and Engineering	CS 205	DATA STRUCTURES	2015
81	CS	Computer science and Engineering	CS207	ELECTRONICS DEVICES & CIRCUITS	2015

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82	CS	Computer science and Engineering	CS 231	DATA STRUCTURES LAB	2015
83	CS	Computer science and Engineering	CS233	ELECTRONICS CIRCUITS LAB	2015
84	CS	Computer science and Engineering	CS 202	COMPUTER ORGANIZATION AND ARCHITECTURE	2015
85	CS	Computer science and Engineering	CS 204	OPERATING SYSTEMS	2015
86	CS	Computer science and Engineering	CS 206	OBJECT ORIENTED DESIGN AND PROGRAMMING	2015
87	CS	Computer science and Engineering	CS 208	PRINCIPLES OF DATABASE DESIGN	2015
88	CS	Computer science and Engineering	CS232	FREE AND OPEN SOURCE SOFTWARE LAB	2015
89	CS	Computer science and Engineering	CS234	DIGITAL SYSTEMS LAB	2015
90	CS	Computer science and Engineering	CS14 502	SOFTWARE ENGINEERING	2014
91	CS	Computer science and Engineering	CS14 503	OPERATING SYSTEMS	2014
92	CS	Computer science and Engineering	CS14 504	DATABASE MANAGEMENT SYSTEMS	2014
93	CS	Computer science and Engineering	CS14 506	THEORY OF COMPUTATION	2014
94	CS	Computer science and Engineering	CS14 507 (P)	OBJECT ORIENTED PROGRAMMING LAB	2014
95	CS	Computer science and Engineering	CS14 508 (P)	HARDWARE LAB	2014
96	CS	Computer science and Engineering	CS14 601	EMBEDDED SYSTEM	2014
97	CS	Computer science and Engineering	CS14 602	COMPUTER GRAPHICS &	2014

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				MULTIMEDIA	
98	CS	Computer science and Engineering	CS14 603	COMPILER DESIGN	2014
99	CS	Computer science and Engineering	CS14 604	COMPUTER NETWORKS	2014
100	CS	Computer science and Engineering	CS14 605	GRAPH THEORY AND COMBINATORICS	2014
101	CS	Computer science and Engineering	CS14 607 (P)	SYSTEMS LAB	2014
102	CS	Computer science and Engineering	CS14 608 (P)	MINI PROJECT	2014
			CS09 701	WIRELESS NETWORKS AND MOBILE COMMUNICATION SYSTEMS	2009
103	CS	Computer science and Engineering	CS09 702	DESIGN AND ANALYSIS OF ALGORITHMS	2009
104	CS	Computer science and Engineering	CS09 703	INTERNET TECHNOLOGY	2009
105	CS	Computer science and Engineering	CS09 704	CRYPTOGRAPHY AND NETWORK SECURITY	2009
106	CS	Computer science and Engineering	CS09 705	DISTRIBUTED SYSTEMS	2009
107	CS	Computer science and Engineering	CS09 705	SIMULATION AND MODELLING	2009
108	CS	Computer science and Engineering	CS09 706	SOFT COMPUTING	2009
109	CS	Computer science and Engineering	CS09 706	COMPUTER BASED NUMERICAL METHODS	2009
110	CS	Computer science and Engineering	CS09 707(P)	COMPILER LAB	2009
111	CS	Computer science and Engineering	CS09 708(P)	NETWORK PROGRAMMING LAB	2009
112	CS	Computer science and Engineering			

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113	CS	Computer science and Engineering	CS09 709(P)	PROJECT	2009
114	CS	Computer science and Engineering	CS09 801	COMPUTER ARCHITECTURE AND PARALLEL PROCESSING	2009
115	CS	Computer science and Engineering	CS09 802	DATA MINING AND WAREHOUSING	2009
116	CS	Computer science and Engineering	CS09 803	INFORMATION RETRIEVAL	2009
117	CS	Computer science and Engineering	CS09 804	MULTIMEDIA	2009
118	CS	Computer science and Engineering	CS09 805(P)	PROJECT	2009
119	CS	Computer science and Engineering	CS09 806(P)	SEMINAR	2009
120	CSE	Computer Science and Engineering	08 CS 6011	Operating System Design	2015
121	CSE	Computer Science and Engineering	08 CS 6021	Advanced Data Structures	2015
122	CSE	Computer Science and Engineering	08 CS 6031	Advanced Database Technology	2015
123	CSE	Computer Science and Engineering	08 CS 6041	Mathematical Foundations of Computer Science	2015
124	CSE	Computer Science and Engineering	08 CS 6051	Computational Intelligence	2015
125	CSE	Computer Science and Engineering	08 CS 6071(P)	Seminar I	2015
126	CSE	Computer Science and Engineering	08 CS 6081(P)	Advanced Data Structure Lab	2015

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127	CSE	Computer Science and Engineering	08CS6012	ADVANCED COMPILER DESIGN	2015
128	CSE	Computer Science and Engineering	08CS6022	INFORMATION RETRIEVAL	2015
129	CSE	Computer Science and Engineering	08CS6032	EVOLUTIONARY COMPUTING	2015
130	CSE	Computer Science and Engineering	08CS6042	Big Data	2015
131	CSE	Computer Science and Engineering	08CS6052	Cloud Computing	2015
132	CSE	Computer Science and Engineering	08CS6062(P)	MINI PROJECT	2015
133	CSE	Computer Science and Engineering	08CS6072(P)	DATA MINING AND ANALYTICS LAB	2015
134	CSE	Computer Science and Engineering	08 CS 7021	Ethical Hacking	2015
135	CSE	Computer Science and Engineering	08 CS 7011	Advanced Architecture	2015
136	CSE	Computer Science and Engineering	08 CS 7031(P)	Seminar II	2015
137	CSE	Computer Science and Engineering	08CS7041(P)	MASTERS RESEARCH PROJECT (PHASE I)	2015
138	CSE	Computer Science and Engineering	08CS7012(P)	MASTERS RESEARCH PROJECT (PHASE II)	2015

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139	ECE	Electronics and Communication Engineering	BE 101-04	INTRODUCTION TO ELECTRONICS ENGINEERING	2015
140	ECE	Electronics and Communication Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
141	ECE	Electronics and Communication Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
142	ECE	Electronics and Communication Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
143	ECE	Electronics and Communication Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
144	ECE	Electronics and Communication Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
145	ECE	Electronics and Communication Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
146	ECE	Electronics and Communication Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
147	ECE	Electronics and Communication Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
148	ECE	Electronics and Communication Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EE)	2015
149	ECE	Electronics and Communication Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
150	ECE	Electronics and Communication Engineering	CS234	DIGITAL SYSTEMS LAB	2015
151	ECE	Electronics and Communication Engineering	EC201	NETWORK THEORY	2015

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152	ECE	Electronics and Communication Engineering	EC203	SOLID STATE DEVICES	2015
153	ECE	Electronics and Communication Engineering	EC205	ELECTRONIC CIRCUITS	2015
154	ECE	Electronics and Communication Engineering	EC207	LOGIC CIRCUIT DESIGN	2015
155	ECE	Electronics and Communication Engineering	EC231	ELECTRONIC DEVICES & CIRCUITS LAB	2015
156	ECE	Electronics and Communication Engineering	EC233	ELECTRONIC DESIGN AUTOMATION LAB	2015
157	ECE	Electronics and Communication Engineering	EC202	SIGNAL & SYSTEMS	2015
158	ECE	Electronics and Communication Engineering	EC204	ANALOG INTEGRATED CIRCUITS	2015
159	ECE	Electronics and Communication Engineering	EC206	COMPUTER ORGANIZATION	2015
160	ECE	Electronics and Communication Engineering	EC208	ANALOG COMMUNICATION ENGINEERING	2015
163	ECE	Electronics and Communication Engineering	EC232	ANALOG INTEGRATED CIRCUITS LAB	2015
164	ECE	Electronics and Communication Engineering	EC230	LOGIC CIRCUIT DESIGN LAB	2015
165	ECE	Electronics and Communication Engineering	EC14 501	COMPUTER ORGANIZATION & ARCHITECTURE	2014
166	ECE	Electronics and Communication Engineering	EC14 502	LINEAR INTEGRATED CIRCUITS	2014

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180	ECE	Electronics and Communication Engineering	EC14 608(P)	MINI PROJECT	2014
181	ECE	Electronics and Communication Engineering	EC09 701	INFORMATION THEORY AND CODING	2009
182	ECE	Electronics and Communication Engineering	EC09 702	MICROWAVE ENGINEERING	2009
183	ECE	Electronics and Communication Engineering	EC09 703	ANALOG & MIXED MOS CIRCUITS	2009
184	ECE	Electronics and Communication Engineering	EC09 704	DIGITAL SYSTEM DESIGN	2009
185	ECE	Electronics and Communication Engineering	EC09 707(P)	COMMUNICATION SYSTEMS LAB	2009
186	ECE	Electronics and Communication Engineering	EC09 708(P)	VLSI DESIGN LAB	2009
187	ECE	Electronics and Communication Engineering	EC09 709(P)	PROJECT	2009
188	ECE	Electronics and Communication Engineering	EC09 L15	TELEVISION & RADAR ENGINEERING	2009
189	ECE	Electronics and Communication Engineering	EC09 L25	BIOMEDICAL INSTRUMENTATION	2009
190	ECE	Electronics and Communication Engineering	EC09 801	DATA & COMMUNICATION NETWORK	2009
191	ECE	Electronics and Communication Engineering	EC09 802	WIRELESS MOBILE COMMUNICATION	2009
192	ECE	Electronics and Communication Engineering	EC09 805(P)	SEMINAR	2009
193	ECE	Electronics and Communication Engineering	EC09 806(P)	PROJECT	2009

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		Engineering			
194	ECE	Electronics and Communication Engineering	EC09 807(P)	VIVA – VOCE	2009
195	ECE	Electronics and Communication Engineering	EC09 L20	MOBILE COMPUTING	2009
196	EEE	Electrical and Electronics Engineering	BE 101-03	INTRODUCTION TO ELECTRICAL ENGINEERING	2015
197	EEE	Electrical and Electronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
198	EEE	Electrical and Electronics Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
199	EEE	Electrical and Electronics Engineering	EC100	BASICS OF ELECTRONICS ENGINEERING	2015
200	EEE	Electrical and Electronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
201	EEE	Electrical and Electronics Engineering	CE 110	CIVIL ENGINEERING WORK SHOP	2015
202	EEE	Electrical and Electronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
203	EEE	Electrical and Electronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
204	EEE	Electrical and Electronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
205	EEE	Electrical and Electronics Engineering	ME 110	MECHANICAL ENGINEERING WORK SHOP	2015

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				Lab	
244	EEE	Electrical and Electronics Engineering	EE09 709(P)	Project	2009
245	EEE	Electrical and Electronics Engineering	EE09 801	Electrical System Design	2009
246	EEE	Electrical and Electronics Engineering	EE09 802	Power System Protection & Utilization	2009
247	EEE	Electrical and Electronics Engineering	EE09 L09	Energy Auditing Conservation and Management	2009
248	EEE	Electrical and Electronics Engineering	EE09 L21	Organizational Behavior	2009
249	EEE	Electrical and Electronics Engineering	EE09 805(P)	Seminar	2009
250	EEE	Electrical and Electronics Engineering	EE09 806(P)	Project	2009
251	EEE	Electrical and Electronics Engineering	EE09 807(P)	Viva Voce	2009
252	PE	POWER ELECTRONICS	08EE6211	Applied Mathematics	2015
253	PE	POWER ELECTRONICS	08EE6221	System Dynamics	2015
254	PE	POWER ELECTRONICS	08EE6231	Analysis of Power Electronic Circuits I	2015
255	PE	POWER ELECTRONICS	08EE6241	Electric Drives	2015
256	PE	POWER ELECTRONICS	08EE6251(A)	Power Semiconductor Devices & Modeling	2015
257	PE	POWER ELECTRONICS	08EE6271	Seminar	2015
258	PE	POWER ELECTRONICS	08EE6281	Power Electronics Lab	2015
259	PE	POWER ELECTRONICS	08EE6212	Analysis of Power Electronics circuits II	2015
260	PE	POWER ELECTRONICS	08EE6222	Switched Mode power Converters	2015
261	PE	POWER ELECTRONICS	08EE6232	Advanced Electric Drives	2015
262	PE	POWER ELECTRONICS	08EE6242 (A)	Facts and Custom power	2015

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224	EEE	Electrical and Electronics Engineering	EE14 505	Digital System Design	2014
225	EEE	Electrical and Electronics Engineering	EE14 506	Electrical Material Science	2014
226	EEE	Electrical and Electronics Engineering	EE14 507(P)	Electrical Machines Lab I	2014
227	EEE	Electrical and Electronics Engineering	EE14 508(P)	Integrated Circuits Lab	2014
228	EEE	Electrical and Electronics Engineering	EE14 601	Engineering Economics and Principles of Management	2014
229	EEE	Electrical and Electronics Engineering	EE14 602	Linear Control System	2014
230	EEE	Electrical and Electronics Engineering	EE14 603	Electrical Machines III	2014
231	EEE	Electrical and Electronics Engineering	EE14 604	Microprocessors and Microcontrollers	2014
232	EEE	Electrical and Electronics Engineering	EE14 605	Digital Signal Processing	2014
233	EEE	Electrical and Electronics Engineering	EE14 606	Numerical Analysis and Optimization Theory	2014
234	EEE	Electrical and Electronics Engineering	EE14 607(P)	Electrical Machines Lab II	2014
235	EEE	Electrical and Electronics Engineering	EE14 608(P)	Mini Project	2014
236	EEE	Electrical and Electronics Engineering	EE09 701	Power System Analysis	2009
237	EEE	Electrical and Electronics Engineering	EE09 702	Analog & Digital Communication	2009
238	EEE	Electrical and Electronics Engineering	EE09 703	Digital Signal Processing	2009
239	EEE	Electrical and Electronics Engineering	EE09 704	Electrical Machine Design	2009
240	EEE	Electrical and Electronics Engineering	EE09 L11	Professional Ethics	2009
241	EEE	Electrical and Electronics Engineering	EE09 L23	Process Control and Instrumentation	2009
242	EEE	Electrical and Electronics Engineering	EE09 707(P)	Power electronics Lab	2009
243	EEE	Electrical and Electronics Engineering	EE09 708(P)	Advanced Electrical Engg.	2009

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206	EEE	Electrical and Electronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
207	EEE	Electrical and Electronics Engineering	EE201	Circuits and, Networks	2015
208	EEE	Electrical and Electronics Engineering	EE203	Analog Electronic Circuits	2015
209	EEE	Electrical and Electronics Engineering	EE205	DC Machines and Transformers	2015
210	EEE	Electrical and Electronics Engineering	EE207	Computer Programming	2015
212	EEE	Electrical and Electronics Engineering	EE231	Electronic Circuits Lab	2015
213	EEE	Electrical and Electronics Engineering	EE233	Programming Lab	2015
214	EEE	Electrical and Electronics Engineering	EE202	Synchronous and Induction Machines	2015
215	EEE	Electrical and Electronics Engineering	EE204	Digital Electronics and Logic Design	2015
216	EEE	Electrical and Electronics Engineering	EE206	Material Science	2015
217	EEE	Electrical and Electronics Engineering	EE208	Measurements and Instrumentation	2015
218	EEE	Electrical and Electronics Engineering	EE232	Electrical Machines Lab I	2015
219	EEE	Electrical and Electronics Engineering	EE234	Circuits and Measurements Lab	2015
220	EEE	Electrical and Electronics Engineering	EE14 501	Power Electronics	2014
221	EEE	Electrical and Electronics Engineering	EE14 502	Electrical Power Generation, Transmission and Distribution	2014
222	EEE	Electrical and Electronics Engineering	EE14 503	Electrical Machines II	2014
223	EEE	Electrical and Electronics Engineering	EE14 504	Analog & Digital Communication	2014

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# Jyothi Engineering College

NAAC Accredited College with NEB Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

				Devices	
263	PE	POWER ELECTRONICS	08EE6252(A)	Embedded Controllers and Real Time systems	2015
264	PE	POWER ELECTRONICS	08EE6262	Mini Project	2015
265	PE	POWER ELECTRONICS	08EE6272	Advanced Power Electronics Lab	2015
266	PE	POWER ELECTRONICS	08EE7211(A)	SPECIAL ELECTRICAL MACHINES & DRIVES	2015
267	PE	POWER ELECTRONICS	08EE7221(A)	SOFT COMPUTING TECHNIQUES	2015
268	PE	POWER ELECTRONICS	08EE7231	SEMINAR	2015
269	PE	POWER ELECTRONICS	08EE7241	PROJECT PHASE I	2015
270	PE	POWER ELECTRONICS	08EE7212	PROJECT PHASE II	2015
271	ME	Mechanical Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
272	ME	Mechanical Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
273	ME	Mechanical Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
274	ME	Mechanical Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
275	ME	Mechanical Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
276	ME	Mechanical Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
277	ME	Mechanical Engineering	EE 110	BASIC ENGINEERING	2015

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				WORK SHOP(EE)	
278	ME	Mechanical Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
279	ME	Mechanical Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
280	ME	Mechanical Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
281	ME	Mechanical Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
282	ME	Mechanical Engineering	MAT201	PARTIAL DIFFERENTIAL EQUATION & COMPLEX ANALYSIS	2015
283	ME	Mechanical Engineering	ME 201	MECHANICS OF SOLIDS	2015
284	ME	Mechanical Engineering	ME 203	MECHANICS OF FLUIDS	2015
285	ME	Mechanical Engineering	ME 205	METALLURGY AND MATERIAL ENGINEERING	2015
286	ME	Mechanical Engineering	EST 200	DESIGN AND ENGINEERING	2015
287	ME	Mechanical Engineering	ME201	COMPUTER AIDED MACHINE DRAWING	2015
288	ME	Mechanical Engineering	ME203	MATERIALS TESTING LAB	2015
289	ME	Mechanical Engineering	MA202	PROBABILITY DISTRIBUTIONS TRANSFORMS AND NUMERICAL METHODS	2015
290	ME	Mechanical Engineering	ME202	ADVANCED MECHANICS	2015

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				OF SOLIDS	
291	ME	Mechanical Engineering	ME204	THERMAL ENGINEERING	2015
292	ME	Mechanical Engineering	ME206	FLUID MACHINERY	2015
293	ME	Mechanical Engineering	ME220	MANUFACTURING TECHNOLOGY	2015
294	ME	Mechanical Engineering	ME232	THERMAL ENGINEERING LAB	2015
295	ME	Mechanical Engineering	ME230	FLUID MECHANICS & MACHINES LAB	2015
296	ME	Mechanical Engineering	ME14 502	METAL CUTTING AND FORMING	2014
297	ME	Mechanical Engineering	ME14 503	HEAT AND MASS TRANSFER	2014
298	ME	Mechanical Engineering	ME14 504	MECHANICS OF MACHINERY	2014
299	ME	Mechanical Engineering	ME14 505	INTERNAL COMBUSTION ENGINES	2014
300	ME	Mechanical Engineering	ME14 506	COMPUTATIONAL METHODS IN ENGINEERING	2014
301	ME	Mechanical Engineering	ME14 507 (P)	FLUIDS LAB	2014
302	ME	Mechanical Engineering	ME14 508 (P)	PRODUCTION ENGINEERING LAB II	2014
303	ME	Mechanical Engineering	ME14 601	GAS DYNAMICS & JET PROPULSION	2014
304	ME	Mechanical Engineering	ME14 602	METROLOGY AND INSTRUMENTATION	2014

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305	ME	Mechanical Engineering	ME14 603	DYNAMICS OF MACHINERY	2014
306	ME	Mechanical Engineering	ME14 604	MACHINE DESIGN I	2014
307	ME	Mechanical Engineering	ME14 605	OPERATIONS RESEARCH	2014
308	ME	Mechanical Engineering	ME14 606	AUTOMOBILE ENGINEERING	2014
309	ME	Mechanical Engineering	ME14 607 (P)	THERMAL LAB I	2014
310	ME	Mechanical Engineering	ME14 608 (P)	INSTRUMENTATION LAB	2014
311	ME	Mechanical Engineering	ME09 701	MACHINE DESIGN II	2009
312	ME	Mechanical Engineering	ME 09 702	OPERATION MANGEMENT	2009
313	ME	Mechanical Engineering	ME09 703	METROLOGY	2009
314	ME	Mechanical Engineering	ME09 704	POWER PLANT ENGINEERING	2009
315	ME	Mechanical Engineering	ME 09 L07	AUTOMOBILE ENGINEERING	2009
316	ME	Mechanical Engineering	ME 09 L14	DESIGN OF JIGS & FIXTURES	2009
317	ME	Mechanical Engineering	ME09 L21	LOGISTICS AND SUPPLY CHAIN MANAGEMENT	2009
318	ME	Mechanical Engineering	ME14 707	CAD LAB	2009
319	ME	Mechanical Engineering	ME09 708	INSTRUMENTATION LAB	2009
320	ME	Mechanical Engineering	ME09 709	PROJECT	2009
321	ME	Mechanical Engineering	ME09 801	REFRIGERATION AND AIR CONDITIONING	2009
322	ME	Mechanical Engineering	ME09 802	:COMPRESSIBLE FLUID FLOW	2009

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323	ME	Mechanical Engineering	ME09 L12	CRYOGENIC ENGINEERING	2009
324	ME	Mechanical Engineering	ME09 L24	MARKETING MANAGEMENT	2009
325	ME	Mechanical Engineering	ME09 L22	QUALITY ENGINEERING AND MANAGEMENT	2009
326	ME	Mechanical Engineering	ME09 805	SEMINAR	2009
327	ME	Mechanical Engineering	ME09 806	PROJECT	2009

## AY 2015-16

Sl.No	Program code	Program Name	Course code	Course Name	Year of introduction
1	CE/CSE/EC/EEE/ME	Common to all Branches	MA 101	CALCULUS	2015
2	CE/CSE/EC/EEE/ME	Common to all Branches	CY 100	ENGINEERING CHEMISTRY	2015
3	CE/CSE/EC/EEE/ME	Common to all Branches	BE 110	ENGINEERING GRAPHICS	2015
4	CE/CSE/EC/EEE/ME	Common to all Branches	MA 102	DIFFERENTIAL EQUATIONS	2015
5	CE/CSE/EC/EEE/ME	Common to all Branches	PH 100	ENGINEERING PHYSICS	2015
6	CE/CSE/EC/EEE/ME	Common to all Branches	BE 100	ENGINEERING MECHANICS	2015
7	CE/CSE/EC/EEE/ME	Common to all Branches	BE 102	DESIGN AND ENGINEERING	2015
8	CE/CSE/EC/EEE/ME	Common to all Branches	EN14 301	ENGINEERING MATHS III	2014
9	CE/CSE/EC/EEE/ME	Common to all Branches	EN14 401A	ENGINEERING MATHS IV	2014
10	CE/CSE/EC/EEE/ME	Common to all Branches	HS200	Business Economics	2015
11	CE/CSE/EC/EEE/ME	Common to all Branches	HS210	Life Skills	2015

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12	CE/CSE/EC/EEE/ME	Common to all Branches	08GN6001	Research Methodology	2015
13	CE	Civil Engineering	BE 101-01	INTRODUCTION TO CIVIL ENGINEERING	2015
14	CE	Civil Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
15	CE	Civil Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
16	CE	Civil Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING(EC)	2015
17	CE	Civil Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
18	CE	Civil Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
19	CE	Civil Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
20	CE	Civil Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
21	CE	Civil Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
22	CE	Civil Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
23	CE	Civil Engineering	ME 110	BASIC ENGINEERING WORK SHOP(ME)	2015
24	CE	Civil Engineering	EN14 302	COMPUTER PROGRAMMING IN C	2014
25	CE	Civil Engineering	CE14 303	MECHANICS OF SOLIDS	2014

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26	CE	Civil Engineering	CE14 304	BUILDING TECHNOLOGY I	2014
27	CE	Civil Engineering	CE14 305	SURVEYING I	2014
28	CE	Civil Engineering	CE14 306	ENGINEERING GEOLOGY	2014
29	CE	Civil Engineering	CE14 307(P)	SURVEYING LAB I	2014
30	CE	Civil Engineering	CE14 308(P)	MATERIALS TESTING LAB I	2014
31	CE	Civil Engineering	EN14 402	ENVIRONMENTAL SCIENCE	2014
32	CE	Civil Engineering	CE14 403	FLUID MECHANICS	2014
33	CE	Civil Engineering	CE14 404	STRUCTURAL ANALYSIS I	2014
34	CE	Civil Engineering	CE14 406	SURVEYING II	2014
35	CE	Civil Engineering	CE14 407(P)	CIVIL ENGINEERING DRAWING I	2014
36	CE	Civil Engineering	CE14 408(P)	SURVEYING LAB II	2014
37	CE	Civil Engineering	CE09 501	TRANSPORTATION ENGINEERING I	2009
38	CE	Civil Engineering	CE09 502	STRUCTURAL DESIGN I	2009
39	CE	Civil Engineering	CE09 503	OPEN CHANNEL HYDRAULICS & HYDRAULIC MACHINERY	2009
40	CE	Civil Engineering	CE09 504	GEOTECHNICAL ENGINEERING I	2009
41	CE	Civil Engineering	CE09 505	STRUCTURAL ANALYSIS II	2009
42	CE	Civil Engineering	CE09 506	BUILDING TECHNOLOGY II	2009

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43	CE	Civil Engineering	CE09507(P)	CIVIL ENGINEERING DRAWING II	2009
44	CE	Civil Engineering	CE09 508(P)	FLUID MECHANICS LAB	2009
45	CE	Civil Engineering	CE09 601	HYDROLOGY & IRRIGATION ENGINEERING	2009
46	CE	Civil Engineering	CE09 602	STRUCTURAL DESIGN II	2009
47	CE	Civil Engineering	CE09 603	STRUCTURAL ANALYSIS III	2009
48	CE	Civil Engineering	CE09 604	GEOTECHNICAL ENGINEERING II	2009
49	CE	Civil Engineering	CE09 605	TRANSPORTATION ENGINEERING II	2009
50	CE	Civil Engineering	CE09 L03	MAINTENANCE AND REPAIR OF BUILDING	2009
51	CE	Civil Engineering	CE09607(P)	GEOTECHNICAL ENGINEERING LAB	2009
52	CE	Civil Engineering	CE09608(P)	MATERIALS TESTING LAB II	2009
53	CE	Civil Engineering	CE09 701	STRUCTURAL DESIGN III	2009
54	CE	Civil Engineering	CE09 702	DESIGN OF HYDRAULIC STRUCTURES	2009
55	CE	Civil Engineering	CE09 703	ENVIRONMENTAL ENGINEERING I	2009
56	CE	Civil Engineering	CE09 704	CONSTRUCTION ENGINEERING & MANAGEMENT 2	2009

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57	CE	Civil Engineering	CE09 L14	SOIL EXPLORATION, TESTING AND EVALUATION	2009
58	CE	Civil Engineering	CE09 L17	ARCHITECTURE AND TOWN PLANNING	2009
59	CE	Civil Engineering	CE09 707(P)	COMPUTER APPLICATIONS LAB	2009
60	CE	Civil Engineering	CE09 708(P)	ENVIRONMENTAL ENGINEERING LAB	2009
61	CE	Civil Engineering	CE09 709(P)	PROJECT	2009
62	CE	Civil Engineering	CE09 801	ENVIRONMENTAL ENGINEERING II	2009
63	CE	Civil Engineering	CE09 802	QUANTITY SURVEY & VALUATION	2009
64	CE	Civil Engineering	CE09 L21	GROUND IMPROVEMENT TECHNIQUES	2009
65	CE	Civil Engineering	CE09 L22	ENVIRONMENTAL POLLUTION CONTROL ENGINEERING	2009
66	CE	Civil Engineering	CE09 805(P)	SEMINAR	2009
67	CE	Civil Engineering	CE09 806(P)	PROJECT	2009
68	CE	Civil Engineering	CE09 807(P)	VIVA VOC	2009
69	CS	Computer science and Engineering	BE 101-05	INTRODUCTION TO COMPUTING & PROBLEM SOLVING	2015
70	CS	Computer science and Engineering	CS 100	COMPUTER PROGRAMMING	2015

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71	CS	Computer science and Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
72	CS	Computer science and Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
73	CS	Computer science and Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
74	CS	Computer science and Engineering	CS 110	BASIC ENGINEERING WORK SHOP(CS)	2015
75	CS	Computer science and Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
76	CS	Computer science and Engineering	EC 110	BASIC ENGINEERING WORK SHOP	2015
77	CS	Computer science and Engineering	EE100	BASICS OF ELECTRICAL ENGINEERING	2015
78	CS	Computer science and Engineering	EE110	BASIC ELECTRICAL WORKSHOP	2015
79	CS	Computer science and Engineering	CS120	COMPUTER PROGRAMING LAB	2015
80	CS	Computer science and Engineering	EN14 302	COMPUTER PROGRAMMING IN C	2014
81	CS	Computer science and Engineering	CS14 303	COMPUTER ORGANIZATION AND DESIGN	2014
82	CS	Computer science and Engineering	CS14 304	DISCRETE COMPUTATIONAL STRUCTURES	2014

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83	CS	Computer science and Engineering	CS14 306	SWITCHING THEORY AND LOGIC DESIGN	2014
84	CS	Computer science and Engineering	CS14 308(P)	C PROGRAMMING LAB	2014
85	CS	Computer science and Engineering	CS14 403	DATA STRUCTURES AND ALGORITHMS	2014
86	CS	Computer science and Engineering	CS14 404	OBJECT ORIENTED PROGRAMMING IN JAVA	2014
87	CS	Computer science and Engineering	CS14 405	SYSTEM PROGRAMMING	2014
88	CS	Computer science and Engineering	CS14 406	MICRO PROCESSOR BASED DESIGN	2014
89	CS	Computer science and Engineering	CS14 407(P)	DATA STRUCTURES LAB	2014
90	CS	Computer science and Engineering	CS09 501	SOFTWARE ARCHITECTURE AND PROJECT MANAGEMENT	2009
91	CS	Computer science and Engineering	CS09 503	SIGNAL PROCESSING	2009
92	CS	Computer science and Engineering	CS09 504	OPERATING SYSTEMS	2009
93	CS	Computer science and Engineering	CS09 506	THEORY OF COMPUTATION	2009
94	CS	Computer science and Engineering	CS09 507(P)	PROGRAMMING PARADIGM LAB	2009
95	CS	Computer science and Engineering	CS09 508(P)	HARDWARE LAB	2009
96	CS	Computer science and Engineering	CS09 601	EMBEDDED SYSTEMS	2009
97	CS	Computer science and Engineering	CS09 602	COMPILER DESIGN	2009
98	CS	Computer science and Engineering	CS09 603	COMPUTER NETWORKS	2009
99	CS	Computer science and Engineering	CS09 604	DATABASE MANAGEMENT SYSTEMS	2009

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100	CS	Computer science and Engineering	CS09 605	COMPUTER GRAPHICS	2009
101	CS	Computer science and Engineering	CS09 606	INFORMATION SECURITY	2009
102	CS	Computer science and Engineering	CS09 607(P)	SYSTEMS LAB	2009
103	CS	Computer science and Engineering	CS09 608(P)	MINI PROJECT	2009
104	CS	Computer science and Engineering	CS09 701	WIRELESS NETWORKS AND MOBILE COMMUNICATION SYSTEMS	2009
105	CS	Computer science and Engineering	CS09 702	DESIGN AND ANALYSIS OF ALGORITHMS	2009
106	CS	Computer science and Engineering	CS09 703	INTERNET TECHNOLOGY	2009
107	CS	Computer science and Engineering	CS09 704	CRYPTOGRAPHY AND NETWORK SECURITY	2009
108	CS	Computer science and Engineering	CS09 705	DISTRIBUTED SYSTEMS	2009
109	CS	Computer science and Engineering	CS09 705	SIMULATION AND MODELLING	2009
110	CS	Computer science and Engineering	CS09 706	SOFT COMPUTING	2009
111	CS	Computer science and Engineering	CS09 706	COMPUTER BASED NUMERICAL METHODS	2009
112	CS	Computer science and Engineering	CS09 707(P)	COMPILER LAB	2009
113	CS	Computer science and Engineering	CS09 708(P)	NETWORK PROGRAMMING LAB	2009
114	CS	Computer science and Engineering	CS09 709(P)	PROJECT	2009
115	CS	Computer science and Engineering	CS09 801	COMPUTER ARCHITECTURE AND PARALLEL PROCESSING	2009

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# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University  
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR



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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

116	CS	Computer science and Engineering	CS09 802	DATA MINING AND WAREHOUSING	2009
117	CS	Computer science and Engineering	CS09 803	INFORMATION RETRIEVAL	2009
118	CS	Computer science and Engineering	CS09 804	MULTIMEDIA	2009
119	CS	Computer science and Engineering	CS09 805(P)	PROJECT	2009
120	CS	Computer science and Engineering	CS09 806(P)	SEMINAR	2009
121	CSE	Computer Science and Engineering	08 CS 6011	Operating System Design	2015
122	CSE	Computer Science and Engineering	08 CS 6021	Advanced Data Structures	2015
123	CSE	Computer Science and Engineering	08 CS 6031	Advanced Database Technology	2015
124	CSE	Computer Science and Engineering	08 CS 6041	Mathematical Foundations of Computer Science	2015
125	CSE	Computer Science and Engineering	08 CS 6051	Computational Intelligence	2015
126	CSE	Computer Science and Engineering	08 CS 6071(P)	Seminar I	2015
127	CSE	Computer Science and Engineering	08 CS 6081(P)	Advanced Data Structure Lab	2015
128	CSE	Computer Science and Engineering	08CS6012	ADVANCED COMPILER DESIGN	2015
129	CSE	Computer Science and Engineering	08CS6022	INFORMATION RETRIEVAL	2015

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130	CSE	Computer Science and Engineering	08CS6032	EVOLUTIONARY COMPUTING	2015
131	CSE	Computer Science and Engineering	08CS6042	Big Data	2015
132	CSE	Computer Science and Engineering	08CS6052	Cloud Computing	2015
133	CSE	Computer Science and Engineering	08CS6062(P)	MINI PROJECT	2015
134	CSE	Computer Science and Engineering	08CS6072(P)	DATA MINING AND ANALYTICS LAB	2015
135	CSE	Computer Science and Engineering	MCS10 301 (B)	RESEARCH METHODOLOGY	2013
136	CSE	Computer Science and Engineering	MCS10 302 (A)	HIGH SPEED NETWORKS	2013
137	CSE	Computer Science and Engineering	MCS10 303(P)	OPEN DISCUSSION/IT	2013
138	CSE	Computer Science and Engineering	MCS10 304(P)	PROJECT Phase 1	2013
139	CSE	Computer Science and Engineering	MCS10 305(P)	PROJECT Phase 2	2013
140	ECE	Electronics and Communication Engineering	BE 101-04	INTRODUCTION TO ELECTRONICS ENGINEERING	2015
141	ECE	Electronics and Communication Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015

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142	ECE	Electronics and Communication Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
143	ECE	Electronics and Communication Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
144	ECE	Electronics and Communication Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
145	ECE	Electronics and Communication Engineering	CE 110	BASIC ENGINEERING WORK SHOP	2015
146	ECE	Electronics and Communication Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
147	ECE	Electronics and Communication Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
148	ECE	Electronics and Communication Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
149	ECE	Electronics and Communication Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EE)	2015
150	ECE	Electronics and Communication Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
151	ECE	Electronics and Communication Engineering	EN14 302	COMPUTER PROGRAMMING IN C	2014
152	ECE	Electronics and Communication Engineering	EC14 303	NETWORK ANALYSIS & SYNTHESIS	2014
153	ECE	Electronics and Communication Engineering	EC14 304	SOLID STATE DEVICES	2014
154	ECE	Electronics and Communication Engineering	EC14 305	ELECTRONIC CIRCUITS I	2014
155	ECE	Electronics and Communication Engineering	EC14 306	ELECTRICAL	2014

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		Engineering		ENGINEERING	
156	ECE	Electronics and Communication Engineering	EC14 307(P)	BASIC ELECTRONICS LAB	2014
157	ECE	Electronics and Communication Engineering	EC14 308(P)	ELECTRICAL ENGINEERING LAB	2014
158	ECE	Electronics and Communication Engineering	EC14 403	SIGNALS & SYSTEMS	2014
159	ECE	Electronics and Communication Engineering	EC14 405	DIGITAL ELECTRONICS	2014
160	ECE	Electronics and Communication Engineering	EC14 406	ANALOG COMMUNICATION	2014
161	ECE	Electronics and Communication Engineering	EC14 407(P)	DIGITAL ELECTRONICS LAB	2014
162	ECE	Electronics and Communication Engineering	EC14 408(P)	ELECTRONICS CIRCUITS LAB	2014
163	ECE	Electronics and Communication Engineering	EC09 501	DIGITAL SIGNAL PROCESSING	2009
164	ECE	Electronics and Communication Engineering	EC09 502	QUANTITATIVE TECHNIQUES FOR MANAGERIAL DECISIONS	2009
165	ECE	Electronics and Communication Engineering	EC09 503	ELECTROMAGNETIC FIELD THEORY	2009
166	ECE	Electronics and Communication Engineering	EC09 504	DIGITAL COMMUNICATION	2009
167	ECE	Electronics and Communication Engineering	EC09 505	MICROPROCESSORS & MICROCONTROLLERS	2009
168	ECE	Electronics and Communication	EC09 506	LINEAR INTEGRATED	2009

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		Engineering		CIRCUITS	
169	ECE	Electronics and Communication Engineering	EC09 507(P)	MICROPROCESSORS & MICROCONTROLLERS LAB	2009
170	ECE	Electronics and Communication Engineering	EC09 508(P)	LINEAR INTEGRATED CIRCUITS LAB	2009
171	ECE	Electronics and Communication Engineering	EC09 601	BASICS OF VLSI DESIGN	2009
172	ECE	Electronics and Communication Engineering	EC09 602	ENGINEERING ECONOMICS AND PRINCIPLES OF MANAGEMENT	2009
173	ECE	Electronics and Communication Engineering	EC09 603	RADIATION AND PROPAGATION	2009
174	ECE	Electronics and Communication Engineering	EC09 604	CONTROL SYSTEMS	2009
175	ECE	Electronics and Communication Engineering	EC09 605	OPTICAL COMMUNICATION	2009
176	ECE	Electronics and Communication Engineering	EC09 L01	POWER ELECTRONICS	2009
177	ECE	Electronics and Communication Engineering	EC09 L05	SATELLITE COMMUNICATION	2009
178	ECE	Electronics and Communication Engineering	EC09 701	INFORMATION THEORY AND CODING	2009
179	ECE	Electronics and Communication Engineering	EC09 702	MICROWAVE ENGINEERING	2009
180	ECE	Electronics and Communication Engineering	EC09 703	ANALOG & MIXED MOS CIRCUITS	2009

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181	ECE	Electronics and Communication Engineering	EC09 704	DIGITAL SYSTEM DESIGN	2009
182	ECE	Electronics and Communication Engineering	EC09 707(P)	COMMUNICATION SYSTEMS LAB	2009
183	ECE	Electronics and Communication Engineering	EC09 708(P)	VLSI DESIGN LAB	2009
184	ECE	Electronics and Communication Engineering	EC09 709(P)	PROJECT	2009
185	ECE	Electronics and Communication Engineering	EC09 L15	TELEVISION & RADAR ENGINEERING	2009
186	ECE	Electronics and Communication Engineering	EC09 L25	BIOMEDICAL INSTRUMENTATION	2009
187	ECE	Electronics and Communication Engineering	EC09 801	DATA & COMMUNICATION NETWORK	2009
188	ECE	Electronics and Communication Engineering	EC09 802	WIRELESS MOBILE COMMUNICATION	2009
189	ECE	Electronics and Communication Engineering	EC09 805(P)	SEMINAR	2009
190	ECE	Electronics and Communication Engineering	EC09 806(P)	PROJECT	2009
191	ECE	Electronics and Communication Engineering	EC09 807(P)	VIVA - VOCE	2009
192	ECE	Electronics and Communication Engineering	EC09 L20	MOBILE COMPUTING	2009
193	ECE	Electronics and Communication Engineering	EC09 L11	CRYPTOGRAPHY AND NETWORK SECURITY	2009

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194	EEE	Electrical and Electronics Engineering	BE 101-03	INTRODUCTION TO ELECTRICAL ENGINEERING	2015
195	EEE	Electrical and Electronics Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
196	EEE	Electrical and Electronics Engineering	ME 100	BASICS OF MECHANICAL ENGINEERING	2015
197	EEE	Electrical and Electronics Engineering	EC100	BASICS OF ELECTRONICS ENGINEERING	2015
198	EEE	Electrical and Electronics Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
199	EEE	Electrical and Electronics Engineering	CE 110	CIVIL ENGINEERING WORK SHOP	2015
200	EEE	Electrical and Electronics Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
201	EEE	Electrical and Electronics Engineering	PH 110	ENGINEERING PHYSICS LAB	2015
202	EEE	Electrical and Electronics Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
203	EEE	Electrical and Electronics Engineering	ME 110	MECHANICAL ENGINEERING WORK SHOP	2015
204	EEE	Electrical and Electronics Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
205	EEE	Electrical and Electronics Engineering	EN14 302	Computer Programming in C	2014
206	EEE	Electrical and Electronics Engineering	EE14 303	Electric Circuit Theory	2014

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207	EEE	Electrical and Electronics Engineering	EE14 304	Electrical Measurements & Instrumentation Systems	2014
208	EEE	Electrical and Electronics Engineering	EE14 305	Analog Electronics	2014
209	EEE	Electrical and Electronics Engineering	EE14 306	Mechanical Engineering	2014
210	EEE	Electrical and Electronics Engineering	EE14 307(P)	Basic Electrical Engg Lab	2014
211	EEE	Electrical and Electronics Engineering	EE14 308(P)	Electronics Lab	2014
212	EEE	Electrical and Electronics Engineering	EN14 402	Environmental Science	2014
213	EEE	Electrical and Electronics Engineering	EE14 403	Electrical Machines I	2014
214	EEE	Electrical and Electronics Engineering	EE14 404	Signals and Systems	2014
215	EEE	Electrical and Electronics Engineering	EE14 405	Digital Electronics	2014
216	EEE	Electrical and Electronics Engineering	EE14 406	Electromagnetic Field Theory	2014
217	EEE	Electrical and Electronics Engineering	EE14 407(P)	Mechanical Engg. Lab	2014
218	EEE	Electrical and Electronics Engineering	EE14 408(P)	Electrical Measurements & Instrumentation Lab	2014
219	EEE	Electrical and Electronics Engineering	EE09 501	Synchronous and Induction Machines	2009
220	EEE	Electrical and Electronics Engineering	EE09 502	Power System Generation, Transmission and Distribution	2009
221	EEE	Electrical and Electronics Engineering	EE09 503	Linear Control Systems	2009
222	EEE	Electrical and Electronics Engineering	EE09 504	Power Electronics	2009
223	EEE	Electrical and Electronics Engineering	EE09 505	Digital system Design	2009
224	EEE	Electrical and Electronics Engineering	EE09 506	Electrical Material Science	2009
225	EEE	Electrical and Electronics Engineering	EE09 507(P)	Electrical Machines Lab I	2009
226	EEE	Electrical and Electronics Engineering	EE09 601	Microprocessors and Microcontrollers	2009

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227	EEE	Electrical and Electronics Engineering	EE09 602	Engineering Economics and Principles of Management	2009
228	EEE	Electrical and Electronics Engineering	EE09 603	Modern Control Theory	2009
229	EEE	Electrical and Electronics Engineering	EE09 604	Electric Drives	2009
230	EEE	Electrical and Electronics Engineering	EE09 605	Electrical Engineering Drawing	2009
231	EEE	Electrical and Electronics Engineering	EE09 L02	Numerical Analysis and Optimization Theory	2009
232	EEE	Electrical and Electronics Engineering	EE09 L05	Bio - Medical Engineering	2009
233	EEE	Electrical and Electronics Engineering	EE09 607(P)	Electrical Machines LabII	2009
234	EEE	Electrical and Electronics Engineering	EE09 608(P)	Mini Project	2009
235	EEE	Electrical and Electronics Engineering	EE09 701	Power System Analysis	2009
236	EEE	Electrical and Electronics Engineering	EE09 702	Analog & Digital Communication	2009
237	EEE	Electrical and Electronics Engineering	EE09 703	Digital Signal Processing	2009
238	EEE	Electrical and Electronics Engineering	EE09 704	Electrical Machine Design	2009
239	EEE	Electrical and Electronics Engineering	EE09 L13	High Voltage Engineering	2009
240	EEE	Electrical and Electronics Engineering	EE09 L23	Process Control and Instrumentation	2009
241	EEE	Electrical and Electronics Engineering	EE09 707(P)	Power electronics Lab	2009
242	EEE	Electrical and Electronics Engineering	EE09 708(P)	Advanced Electrical Engg. Lab	2009
243	EEE	Electrical and Electronics Engineering	EE09 709(P)	Project	2009
244	EEE	Electrical and Electronics Engineering	EE09 801	Electrical System Design	2009
245	EEE	Electrical and Electronics Engineering	EE09 802	Power System Protection & Utilization	2009

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246	EEE	Electrical and Electronics Engineering	EE09 L09	Energy Auditing Conservation and Management	2009
247	EEE	Electrical and Electronics Engineering	EE09 L06	Special Electrical Machine	2009
248	EEE	Electrical and Electronics Engineering	EE09 805(P)	Seminar	2009
249	EEE	Electrical and Electronics Engineering	EE09 806(P)	Project	2009
250	EEE	Electrical and Electronics Engineering	EE09 807(P)	Viva Voce	2009
251	PE	POWER ELECTRONICS	08EE6211	Applied Mathematics	2015
252	PE	POWER ELECTRONICS	08EE6221	System Dynamics	2015
253	PE	POWER ELECTRONICS	08EE6231	Analysis of Power Electronic Circuits I	2015
254	PE	POWER ELECTRONICS	08EE6241	Electric Drives	2015
255	PE	POWER ELECTRONICS	08EE6251(A)	Power Semiconductor Devices & Modeling	2015
256	PE	POWER ELECTRONICS	08EE6271	Seminar	2015
257	PE	POWER ELECTRONICS	08EE6281	Power Electronics Lab	2015
258	PE	POWER ELECTRONICS	08EE6212	Analysis of Power Electronics circuits II	2015
259	PE	POWER ELECTRONICS	08EE6222	Switched Mode power Converters	2015
260	PE	POWER ELECTRONICS	08EE6232	Advanced Electric Drives	2015
261	PE	POWER ELECTRONICS	08EE6242 (A)	Facts and Custom power Devices	2015
262	PE	POWER ELECTRONICS	08EE6252(A)	Embedded Controllers and Real Time systems	2015
263	PE	POWER ELECTRONICS	08EE6262	Mini Project	2015
264	PE	POWER ELECTRONICS	08EE6272	Advanced Power Electronics	2015

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				Lab	
265	PE	POWER ELECTRONICS	EPE10 301(B)	SPECIAL ELECTRICAL MACHINES & DRIVES	2012
266	PE	POWER ELECTRONICS	EPE10 302 (B)	SOFT COMPUTING TECHNIQUES	2012
267	PE	POWER ELECTRONICS	EPE10 303(P)	INDUSTRIAL TRAINING	2012
268	PE	POWER ELECTRONICS	EPE10 304(P)	MASTER RESEARCH PROJECT PHASE I	2012
269	PE	POWER ELECTRONICS	EPE10 304(P)	MASTER RESEARCH PROJECT PHASE II	2012
270	ME	Mechanical Engineering	BE 101-02	INTRODUCTION TO MECHANICAL ENGINEERING	2015
271	ME	Mechanical Engineering	EE 100	BASICS OF ELECTRICAL ENGINEERING	2015
272	ME	Mechanical Engineering	CE 100	BASICS OF CIVIL ENGINEERING	2015
273	ME	Mechanical Engineering	EC 100	BASICS OF ELECTRONICS ENGINEERING	2015
274	ME	Mechanical Engineering	CY 110	ENGINEERING CHEMISTRY LAB	2015
275	ME	Mechanical Engineering	CE 110	BASIC ENGINEERING WORK SHOP(CE)	2015
276	ME	Mechanical Engineering	EE 110	BASIC ENGINEERING WORK SHOP(EE)	2015
277	ME	Mechanical Engineering	PH 110	ENGINEERING PHYSICS LAB	2015

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278	ME	Mechanical Engineering	BE 103	INTRODUCTION TO SUSTAINABLE ENGINEERING	2015
279	ME	Mechanical Engineering	EC 110	BASIC ENGINEERING WORK SHOP(EC)	2015
280	ME	Mechanical Engineering	ME 110	BASIC ENGINEERING WORK SHOP	2015
281	ME	Mechanical Engineering	EN 14 301	ENGINEERING MATHEMATICS III	2014
282	ME	Mechanical Engineering	EN 14 302	COMPUTER PROGRAMMING IN C	2014
283	ME	Mechanical Engineering	ME 14 303	FLUID MECHANICS	2014
284	ME	Mechanical Engineering	ME 14 304	MECHANICS OF SOLIDS	2014
285	ME	Mechanical Engineering	ME 14 305	ELECTRICAL TECHNOLOGY	2014
286	ME	Mechanical Engineering	ME 14 306	METALLURGY AND MATERIAL SCIENCE	2014
287	ME	Mechanical Engineering	ME 14 307 (P)	COMPUTER ASSISTED MACHINE DRAWING	2014
288	ME	Mechanical Engineering	ME 14 308 (P)	ELECTRICAL TECHNOLOGY LAB	2014
289	ME	Mechanical Engineering	EN 14 401 A	ENGINEERING MATHEMATICS IV	2014
290	ME	Mechanical Engineering	ME 14 403	THERMODYNAMICS	2014
291	ME	Mechanical Engineering	ME 14 404	ADVANCED MECHANICS OF SOLIDS	2014
292	ME	Mechanical Engineering	ME 14 405	FLUID MACHINERY	2014

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

293	ME	Mechanical Engineering	ME 14 406	CASTING AND JOINING	2014
294	ME	Mechanical Engineering	ME 14 407 (P)	MATERIAL TESTING LAB	2014
295	ME	Mechanical Engineering	ME 14 408 (P)	PRODUCTION ENGINEERING LAB I	2014
296	ME	Mechanical Engineering	ME 09 501	HEAT AND MASS TRANSFER	2009
297	ME	Mechanical Engineering	ME09 502	MADVANCED MECHANICS OF SOLIDS	2009
298	ME	Mechanical Engineering	ME 09 504	INTERNAL COMBUSTION ENGINES	2009
299	ME	Mechanical Engineering	ME 09 505	MECHANICS OF MACHINERY	2009
300	ME	Mechanical Engineering	ME09 506	METAL CUTTING & FORMING	2009
301	ME	Mechanical Engineering	ME 507	FLUIDS LAB	2009
302	ME	Mechanical Engineering	ME09 508	THERMAL LAB I	2009
303	ME	Mechanical Engineering	ME 09 601	DYNAMICS OF MACHINERY	2009
304	ME	Mechanical Engineering	ME09 602	FINITE ELEMENT METHODS	2009
305	ME	Mechanical Engineering	ME 09 603	MACHINE DESIGN I	2009
306	ME	Mechanical Engineering	ME 09 604	OPERATION RESEARCH	2009
307	ME	Mechanical Engineering	ME09 605	COMPUTER INTEGRATED MANUFACTURING	2009
308	ME	Mechanical Engineering	ME09 L03	INDUSTRIAL MAINTENANCE	2009

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# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

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309	ME	Mechanical Engineering	ME09 L04	MECHATRONICS	2009
310	ME	Mechanical Engineering	ME09 607	PROJECT	2009
311	ME	Mechanical Engineering	ME09 701	MACHINE DESIGN II	2009
312	ME	Mechanical Engineering	ME 09 702	OPERATION MANGEMENT	2009
313	ME	Mechanical Engineering	ME09 703	METROLOGY	2009
314	ME	Mechanical Engineering	ME09 704	POWER PLANT ENGINEERING	2009
315	ME	Mechanical Engineering	ME 09 L07	AUTOMOBILE ENGINEERING	2009
316	ME	Mechanical Engineering	ME 09 L14	DESIGN OF JIGS & FIXTURES	2009
317	ME	Mechanical Engineering	ME09 L21	LOGISTICS AND SUPPLY CHAIN MANAGEMENT	2009
318	ME	Mechanical Engineering	ME14 707 (P)	CAD LAB	2009
319	ME	Mechanical Engineering	ME09 708	INSTRUMENTATION LAB	2009
320	ME	Mechanical Engineering	ME09 709	PROJECT	2009
321	ME	Mechanical Engineering	ME09 801	REFRIGERATION AND AIR CONDITIONING	2009
322	ME	Mechanical Engineering	ME09 802	COMPRESSIBLE FLUID FLOW	2009
323	ME	Mechanical Engineering	ME09 L12	CRYOGENIC ENGINEERING	2009
324	ME	Mechanical Engineering	ME09 L24	MARKETING MANAGEMENT	2009
325	ME	Mechanical Engineering	ME09 L22	QUALITY ENGINEERING AND MANAGEMENT	2009

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326	ME	Mechanical Engineering	ME09 805	SEMINAR	2009
327	ME	Mechanical Engineering	ME09 806	PROJECT	2009

*Sunny*  
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