



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade  
Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## List of New Courses Introduced Program Wise for the Academic Year 2017-2018

S. No	Program Code	Program Name	Number of New Courses
1	01	B. Tech. (Civil Engineering)	1
2	03	B. Tech. (Mechanical Engineering)	2
3	04	B. Tech. (Electronics and Communication Engineering)	1
4	05	B. Tech. (Computer Science and Engineering)	1
5	12	B. Tech. (Information Technology)	3
6	35	B. Tech. (Agricultural Engineering)	21
7	26	B. Tech. (Mining Engineering)	14
8	58	M. Tech. (Computer Science & Engineering)	5
9	25	M. Tech. (Software Engineering)	4
10	55	M. Tech. (Embedded Systems)	2
11	1E	Master of Business Administration	19
12	1M	Integrated Master of Business Administration	10
13	1F	Master of Computer Applications	9
B.Tech Common Courses			38
Total Number of New Courses			130

  
Convenor

Academic Committee

  
Principal

Principal  
PRINCIPAL

ADITYA ENGINEERING COLLEGE  
SURAMPALAM - 533 437



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## List of New Courses Introduced Program Wise for the Academic Year 2017-2018

S.No	Program Code	Program Name	Course Name	Course Code
1	05	B.Tech CSE	Data Structures through C	171CS2T01
2	12	B.Tech IT	Computer Graphics	R1622121
3	12	B.Tech IT	E-Commerce	R1622122
4	12	B.Tech IT	Object-Oriented Analysis and Design using UML	R1622123
5	35	B.Tech Ag.E	Micro irrigation engineering	RT41351
6	35	B.Tech Ag.E	Farm machinery and equipments II	RT41352
7	35	B.Tech Ag.E	Post- harvest engineering for horticulture produce	RT41353
8	35	B.Tech Ag.E	Mechanical measurements and instrumentation	RT41354
9	35	B.Tech Ag.E	Seed processing and storage engineering	RT41355
10	35	B.Tech Ag.E	Managerial economics & financial Analysis	RT41356
11	35	B.Tech Ag.E	Food Processing Plant Design and Layout	RT41357
12	35	B.Tech Ag.E	Watershed management	RT41358
13	35	B.Tech Ag.E	Food packaging technology	RT41359
14	35	B.Tech Ag.E	Field operation and maintenance of tractors and farm machinery lab	RT4135L
15	35	B.Tech Ag.E	Dairy and food engineering lab	RT4135M
16	35	B.Tech Ag.E	Computational Fluid Dynamics	RT413510
17	35	B.Tech Ag.E	Design of agricultural machinery	RT42351
18	35	B.Tech Ag.E	Agro industries and bi-product utilization	RT42352
19	35	B.Tech Ag.E	GIS and remote sensing	RT42353A
20	35	B.Tech Ag.E	Human engineering and safety	RT42353B
21	35	B.Tech Ag.E	Principles of entrepreneurship	RT42354C
22	35	B.Tech Ag.E	Production Technology of Agricultural Machinery	RT42354D
23	35	B.Tech Ag.E	Minor Irrigation and Command area development	RT42354E
24	35	B.Tech Ag.E	Hydraulic Devices and Control	RT42354F



S.No	Program Code	Program Name	Course Name	Course Code
25	35	B.Tech Ag.E	Project work	RT42355
26	26	B.Tech Min.E	Mine Economics	RT41262
27	26	B.Tech Min.E	Computer Applications in Mining	RT41263
28	26	B.Tech Min.E	Rock Mechanics & Ground Control	RT41264
29	26	B.Tech Min.E	Mine Legislation & General Safety	RT41266
30	26	B.Tech Min.E	Environmental Impact Assessment	RT41268
31	26	B.Tech Min.E	Industrial Management	RT4126L
32	26	B.Tech Min.E	Computer Applications in Mining Lab	RT4126M
33	26	B.Tech Min.E	Rock Mechanics & Ground Control Lab	RT4126N
34	26	B.Tech Min.E	Short Survey Camp (One Week)	RT42031
35	26	B.Tech Min.E	Production Planning and Control	RT42262B
36	26	B.Tech Min.E	Mine Construction	RT42263C
37	26	B.Tech Min.E	Planning of Surface Mining Projects	RT42264C
38	26	B.Tech Min.E	Mine Health and Safety Engineering	RT42265
39	58	M.Tech CSE	Human Computer Interaction	172CO1E04
40	58	M.Tech CSE	Advanced Data Structures & Database Management Systems Lab	172CO1L01
41	58	M.Tech CSE	Internet of Things	172CO2E09
42	58	M.Tech CSE	Bio Informatics	172CO2E10
43	58	M.Tech CSE	Advanced Unix Programming and Hadoop & Bigdata Lab	172CO2L02
44	25	M.Tech SE	Middleware Technologies	172SO1E02
45	25	M.Tech SE	Mobile Computing	172SO1E03
46	25	M.Tech SE	Soft Computing	172SO2E09
47	25	M.Tech SE	Internet Of Things	172SE2E09
48	55	M.Tech ES	Device Drivers	172EM1E05
49	55	M.Tech ES	Design For Testability	172VD2T07
50	1E	MBA	Business Ethics & Corporate Governance	MB1633
51	1E	MBA	Leadership Management	MB1634
52	1E	MBA	Performance Management	MB163C
53	1E	MBA	Strategic Human Resource Management	MB163G

S.No	Program Code	Program Name	Course Name	Course Code
54	1E	MBA	Security Analysis & Portfolio Management	MB1635
55	1E	MBA	Strategic Financial Management	MB163H
56	1E	MBA	Customer Relationship Management	MB163E
57	1E	MBA	Strategic Marketing Management	MB163I
58	1E	MBA	Organizational Development & Change Management	MB1643
59	1E	MBA	Labor Welfare & Legislation	MB164B
60	1E	MBA	Financial Markets and Services	MB1644
61	1E	MBA	Tax Management	MB164G
62	1E	MBA	Global Marketing Management	MB164D
63	1E	MBA	Supply Chain Management	MB164H
64	1E	MBA	RDBMS	MB163L
65	1E	MBA	System Analysis & Design	MB163M
66	1E	MBA	Web Designing	MB163N
67	1E	MBA	Business Intelligence	MB164O
68	1E	MBA	Cyber Laws & Security	MB164Q
69	1M	IMBA	Principles of Management	16IM301
70	1M	IMBA	Cost Accounting	16IM302
71	1M	IMBA	Banking Theory & Practice	16IM303
72	1M	IMBA	Business Law	16IM304
73	1M	IMBA	Entrepreneurship Development	16IM305
74	1M	IMBA	Organizational Behavior	16IM401
75	1M	IMBA	Management Accounting	16IM402
76	1M	IMBA	Company Law	16IM403
77	1M	IMBA	Elements of Direct & Indirect Taxes	16IM404
78	1M	IMBA	Management Information Systems	16IM405
79	1F	MCA	English Language Communication skill Lab	173MC1L01
80	1F	MCA	Statistics With R Programming Lab	173MC1L03
81	1F	MCA	Statistics With R Programming	173MC1T04
82	1F	MCA	Operating System & Computer Graphics Lab	173MC2L06



S.No	Program Code	Program Name	Course Name	Course Code
83	1F	MCA	Management Information Systems	MC1634
84	1F	MCA	Object Oriented Analysis and Design	MC1641
85	1F	MCA	Cloud Computing	MC1646
86	1F	MCA	Object Oriented Analysis and Design Lab	MC164C
87	1F	MCA	Animation & Gaming	MC165D
88	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Chemistry Lab	171BS1L01
89	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Chemistry Lab	171BS1L03
90	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Physics Lab	171BS1L04
91	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Mathematics - I	171BS1T01
92	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Mathematics – II	171BS1T02
93	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Chemistry	171BS1T03
94	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Physics	171BS1T04
95	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Chemistry	171BS1T05
96	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Physics Lab	171BS2L02
97	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Chemistry Lab	171BS2L03
98	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Physics Lab	171BS2L04
99	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Mathematics - II	171BS2T02
100	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Physics	171BS2T04
101	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Applied Chemistry	171BS2T05
102	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Mathematics - III	171BS2T06
103	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Physics	171BS2T07
104	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Electrical Circuit Analysis - I	171EE2T01
105	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Computer Programming Lab	171ES1L01
106	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Computer Programming	171ES1T01
107	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Mechanics	171ES1T02
108	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Drawing	171ES1T03

S.No	Program Code	Program Name	Course Name	Course Code
109	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Workshop and IT Workshop	171ES2L02
110	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Mechanics	171ES2T02
111	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Engineering Drawing	171ES2T03
112	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Basic Mechanical Engineering	171ES2T04
113	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Basic Electrical and Electronics Engineering	171ES2T05
114	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Electrical and Mechanical Technology	171ES2T06
115	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Elements of Mechanical Engineering	171ES2T07
116	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Theory of Machines	171ES2T08
117	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Strength of Materials Lab	171ES3L03
118	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Basic Electrical and Electronics Engineering	171ES3T05
119	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Strength of Materials - I	171ES3T09
120	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	English Communication Skills Lab - I	171HS1L01
121	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	English - I	171HS1T01
122	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Environmental Studies	171HS1T02
123	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	English Communication Skills Lab - II	171HS2L02
124	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	Environmental Studies	171HS2T02
125	01, 02, 03, 04, 05, 12, 26, 27, 35	All B.Tech Programmes	English - II	171HS2T03
126	01	B.Tech CE	Disaster Management	RT32016A
127	03	B.Tech ME	Refrigeration and Air Conditioning	RT32037A
128	03	B.Tech ME	Computational Fluid Dynamics	RT32037B
129	04	B.Tech ECE	Electronic Instrumentation	RT32049E
130	26	B.Tech Min.E	Mine Subsidence Engineering	RT32266B

  
Convenor

Academic Committee



Principal

PRINCIPAL

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SURAMPALEM - 533 437





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## Program Name: B. Tech in Computer Science and Engineering

List of courses for the Academic Year 2016-2017			List of courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	% of content revised for the existing year
I	R161101	English – I	171HS1T01	English – I	0
	R161102	Mathematics - I	171BS1T01	Mathematics – I	25
	R161110	Mathematics – II	171BS1T02	Mathematics – II	20
	R161104	Applied Physics	171BS1T04	Applied Physics	20
	R161107	Computer Programming	171ES1T03	Engineering Drawing	0
	R161112	Engineering Drawing	171ES1T01	Computer Programming	0
	R161114	English - Communication Skills Lab - I	171HS1L01	English Communication Skills Lab – I	80
	R161115	Applied / Engineering Physics Lab	171BS1L04	Applied Physics Lab	0
	R161116	Applied / Engineering Physics – Virtual Labs – Assignments	171ES1L01	Computer Programming Lab	40
II	R161201	English – II	171HS2T03	English – II	0
	R161203	Mathematics - III	171BS2T06	Mathematics – III	20
	R161211	Applied Chemistry	171HS2T02	Environmental Studies	20
	R161215	Object Oriented Programming through C++	171BS2T05	Applied Chemistry	20
	R161212	Environmental Studies	171ES2T02	Engineering Mechanics	0
	R161216	Engineering Mechanics	171CS2T01	Data Structures through C	100
	R161227	Applied / Engineering Chemistry Laboratory	171HS2L02	English Communication Skills Lab – II	0
	R161221	English - Communication Skills Lab – 2	171BS2L03	Applied Chemistry Lab	0
	R161229	Object Oriented Programming Lab	171ES2L02	Engineering Workshop & IT Workshop	0
III	RT21034	Managerial Economics and Financial Analysis	R1621051	Statistics with R Programming	0
	RT21051	Object Oriented Programming through C++	R1621052	Mathematical Foundations of Computer Science	0
	RT21052	Mathematical Foundations of Computer Science	R1621053	Digital Logic Design	0
	RT21053	Digital Logic Design	R1621054	Python Programming	0
	RT21042	Data Structures	R1621055	Data Structures through C++	0
	RT21054	Object Oriented Programming Lab	R1621056	Computer Graphics	0
	RT21055	Data Structures Lab	R1621057	Data Structures through C++Lab	0
	RT21056	Digital Logic Design Lab	R1621058	Python Programming Lab	0
	RT21057	Seminar			

Semester	Course Code	Course Name	Course Code	Course Name	% of content revised for the existing year
IV	RT22051	Probability and statistics	R1622051	Software Engineering	60
	RT22052	Java Programming	R1622052	Java Programming	0
	RT22053	Advanced Data Structures	R1622053	Advanced Data Structures	0
	RT22054	Computer Organization	R1622054	Computer Organization	50
	RT22055	Formal Languages and Automata Theory	R1622055	Formal Languages and Automata Theory	0
	RT22056	Advanced Data Structures Lab	R1622056	Principles of Programming Languages	0
	RT22057	Java Programming Lab	R1622057	Advanced Data Structures Lab	70
	RT22058	Free Open Source Software(FOSS) Lab	R1622058	Java Programming Lab	0
V	RT31051	Compiler Design	RT31051	Compiler Design	0
	RT31052	Data Communication	RT31052	Data Communication	0
	RT31053	Principles Of Programming Languages	RT31053	Principles Of Programming Languages	0
	RT31054	Data Base Management Systems	RT31054	Data Base Management Systems	0
	RT31055	Operating Systems	RT31055	Operating Systems	0
	RT31056	Compiler Design Lab	RT31056	Compiler Design Lab	0
	RT31057	Operating Systems & Linux Programming Lab	RT31057	Operating Systems & Linux Programming Lab	0
	RT31058	Database Management Systems Lab	RT31058	Database Management Systems Lab	0
	RT31059	Seminar	RT31059	Seminar	0
VI	RT32051	Software Engineering	RT32051	Software Engineering	0
	RT32052	Data Ware housing and Mining	RT32052	Data Ware housing and Mining	0
	RT32053	Computer Networks	RT32053	Computer Networks	0
	RT32054	Design and Analysis of Algorithms	RT32054	Design and Analysis of Algorithms	0
	RT32055	Web Technologies	RT32055	Web Technologies	0
	RT32056	IPR and Patents	RT32056	IPR and Patents	0
	RT32057	Computer Networks And Network Programming Lab	RT32057	Computer Networks And Network Programming Lab	0
	RT32058	Software Engineering Lab	RT32058	Software Engineering Lab	0
	RT32059	Web Technologies Lab	RT32059	Web Technologies Lab	0
	M0501	Web Technologies	RT41051	Cryptography and Network Security	0
	M0502	Data Warehousing & Data Mining	RT41052	UML and Design Patterns	0
	M0503	Advanced Computer Architecture	RT41053	Mobile Computing	0
	M0504	Client Server Computing	RT41054	Software Testing Methodologies	0
	M0505	Embedded Systems (Lab)	RT41055	Simulation Modeling	0
	M0506	Web Technologies (Lab)	RT41056	Information Retrieval Systems	0
	N0501	Embedded Systems	RT41057	Artificial Intelligence	0
	N0502	Software Project Management	RT41058	Multimedia Computing	0

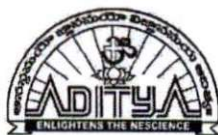


Semester	Course Code	Course Name	Course Code	Course Name	% of content revised for the existing year
VII	N0503	Artificial Intelligence	RT41059	High Performance Computing	0
	N0504	Mobile Computing	RT4105A	Digital Forensics	0
	N0505	Multimedia and Application Development	RT4105B	Hadoop and Big Data	0
	N0506	Network Management Systems	RT4105C	Software Project Management	0
	N9901	Environmental Studies	RT4105D	Machine Learning	0
	S5302	Software Testing Methodologies	RT4105E	Advanced Databases	0
			RT4105M	Mobile Application Development Lab	0
			RT4105N	Software Testing Lab	0
			RT4105O	Hadoop and Bigdata Lab	0
			RT4105L	UML and Design Patterns Lab	0
			RT42051	Distributed Systems	0
			RT42052	Management Science	0
VIII	ENV42	Environmental Studies	RT42053A	Human Computer Interaction	0
	K0501	Image Processing	RT42053B	Advanced Operating Systems	0
	K0502	E-Commerce	RT42053C	Mobile Adhoc & Sensor Networks	0
	K0503	Distributed Databases	RT42053D	Pattern Recognition	0
	K0504	Virtual Reality	RT42053E	Digital Image Processing	0
	K0505	Human Computer Interface	RT42053F	Micro processors and Multi Core Systems	0
	K0506	Advanced Computing Concepts	RT42043B	Embedded and Real Time Systems	0
	K0507	Industry Oriented Mini Project	RT42043C	Neural Networks & Soft Computing	0
	K0508	Seminar	RT42043D	Social Networks and the Semantic Web	0
	K0509	Project Work	RT42043E	Cloud Computing	0
	L0501	Management Science	RT42055	Project	0

  
Program Coordinator

  
Head of the Department

**Head of the Department**  
**Department of CSE**  
**CITY ENGINEERING COLLEGE (A9)**



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## Department of Information Technology

List of Courses for the Academic Year 2016-2017			List of Courses for the Academic Year 2017-2018			
Semester	Course Code	Course Name	Semester	Course Code	Course Name	Percentage of content changed for existing year
I		English	I	171HS1T01	English – I	0
		Mathematics		171BS1T01	Mathematics – I	0
		Mathematics – II		171BS1T02	Mathematics – II	0
		Applied Physics		171BS1T04	Applied Physics	0
		Computer Programming		171ES1T03	Engineering Drawing	0
		Engineering Drawing		171ES1T01	Computer Programming	0
		English - Communication Skills Lab		171HS1L01	English Communication Skills Lab – I	0
		Applied / Engineering Physics Lab		171BS1L04	Applied Physics Lab	0
II		Applied / Engineering Physics – Virtual Labs – Assignments	II	171ES1L01	Computer Programming Lab	0
		English – II		171HS2T03	English – II	0
		Mathematics - III		171BS2T06	Mathematics – III	0
		Applied Chemistry		171HS2T02	Environmental Studies	0
		Object Oriented Programming through C++		171BS2T05	Applied Chemistry	0
		Environmental Studies		171ES2T02	Engineering Mechanics	0
		Engineering Mechanics		171CS2T01	Data Structures through C	0
				171HS2L02	English Communication Skills Lab – II	0
		Applied / Engineering		171BS2L03	Applied Chemistry Lab	0



		Chemistry Laboratory					
		English - Communication Skills Lab		171ES2L02	Engineering Workshop & IT Workshop		0
				171HS2T03	English – II		0
III		Statistics with R Programming	III	R1621051	Statistics with R Programming		0
		Mathematical Foundations of Computer Science		R1621052	Mathematical Foundations of Computer Science		0
		Digital Logic Design		R1621053	Digital Logic Design		0
		Python Programming		R1621054	Python Programming		0
		Data Structures through C++		R1621055	Data Structures through C++		0
		Data Structures through C++ Lab		R1621057	Data Structures through C++ Lab		0
		Python Programming Lab		R1621058	Python Programming Lab		0
IV		ComputeGraphics	IV	R1622121	Computer Graphics		100
		Java Programming		R1622052	Java Programming		0
		E-Commerce		R1622122	E-Commerce		100
		Computer Organization		R1622054	Computer Organization		0
		Object Oriented Analysis and Design using UML		R1622123	Object Oriented Analysis and Design using UML		100
		Principles of Programming Languages		R1622056	Principles of Programming Languages		0
		Unified Modeling Languages Lab		R1622124	Unified Modeling Languages Lab		0
		Java Programming Lab		R1622058	Java Programming Lab		0
V		Software Engineering	V	RT31121	Software Engineering		0
		Data Communication		RT31052	Data Communication		0

		Advanced JAVA		RT31123	Advanced JAVA	0
		Database Management Systems		RT31054	Database Management Systems	0
		Operating Systems		RT31055	Operating Systems	0
		Advanced JAVA Lab		RT31126	Advanced JAVA Lab	0
		Operating System Lab		RT31127	Operating System Lab	0
		Database Management Systems Lab		RT31128	Database Management Systems Lab	0
		Linux Programming Lab		RT31057	Linux Programming Lab	0
						0
VI		IPR and Patents	VI	RT31016	IPR and Patents-1	0
		Seminar		RT31059	Seminar	0
		Computer Networks		1RT32053	Computer Networks	0
		Data Ware housing and Mining		1RT32052	Data Ware housing and Mining	0
		Design and Analysis of Algorithms		1RT32054	Design and Analysis of Algorithms	0
		Software Testing		1RT32121	Software Testing	0
		Web Technologies		1RT32055	Web Technologies	0
		Computer Networks Lab		RT32127	Computer Networks Lab	0
		Software Testing Lab		RT32128	Software Testing Lab	0
		Web Technologies Lab		RT32129	Web Technologies Lab	0
VII		IPR and Patents-II	VII	1RT32056	IPR and Patents-II	0
		Cryptography and Network Security		RT41051	Cryptography and Network Security	0
		UML & Design Patterns		RT41052	UML & Design Patterns	0
		Mobile Computing		RT41053	Mobile Computing	0
				RT41121	Embedded and Real Time	0



					Systems		
		Embedded and Real Time Systems		RT41056	Information Retrieval Systems		0
		Information Retrieval Systems		RT41058	Multimedia Computing		0
		Multimedia Computing		RT4105B	Hadoop and Big Data		0
		Hadoop and Big Data		RT4105C	Software Project Management		0
		Software Project Management		RT41122	Computer Vision		0
		Computer Vision		RT4105E	Advanced Databases		0
		Advanced Databases		RT4112L	UML & Design Patterns Lab		0
		UML & Design Patterns Lab		RT4112M	Mobile Application Development Lab		0
		Mobile Application Development Lab		RT4112O	Software Engineering Lab		0
		Software Engineering Lab		RT4112N	Hadoop & BigData Lab		0
		Hadoop & BigData Lab		RT42121	MATHEMATICAL OPIMIZATION		0
		MATHEMATICAL OPIMIZATION		RT42051	DISTRIBUTED SYSTEMS		0
		DISTRIBUTED SYSTEMS		RT42052	MANAGEMENT SCIENCE		0
VII		MANAGEMENT SCIENCE	VIII	RT42053A	HUMAN COMPUTER INTERACTION		0
		HUMAN COMPUTER INTERACTION		RT42053B	ADVANCED OPERATING SYSTEMS		0
		ADVANCED OPERATING SYSTEMS		RT42053C	MOBILE ADHOC & SENSOR NETWORKS		0
		MOBILE ADHOC & SENSOR NETWORKS		RT42053D	pattern Recognition		0
		pattern Recognition		RT42122	Project		0

  
Program Coordinator

  
Head of the Department

Head of the Department  
Department of IT  
Aditya Engineering College



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## Department of Agricultural Engineering

List Of Courses for the Academic Year 2016-2017			List Of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
I	R161101	English – I	171HS1T01	English – I	65
	R161102	Mathematics - I	171BS1T01	Mathematics – I	40
	R161109	Mathematics – II (Mathematical Methods)	171HS1T02	Environmental Studies	20
	R161103	Engineering Physics	171BS1T03	Engineering Chemistry	25
	R161108	Environmental Studies	171ES1T02	Engineering Mechanics	0
	R161112	Engineering Drawing	171ES1T01	Computer Programming	0
	R161114	English – Communication Skills Lab - I	171HS1L01	English Communication Skills Lab – I	10
	R161120	Engineering / Applied Physics Laboratory	171BS1L01	Engineering Chemistry Lab	20
	R161121	Engineering/Applied Physics - Virtual	171ES1L01	Computer Programming Lab	40
	R161117	Engineering Workshop & IT Workshop			
II	R161201	English – II	171HS2T03	English – II	55
	R161203	Mathematics – III	171BS2T02	Mathematics - II	10
	R161219	Engineering Chemistry	171BS2T06	Mathematics - III	40
	R161216	Engineering Mechanics	171BS2T07	Engineering Physics	10
	R161220	Principles of Soil Science & Agronomy	171ES2T03	Engineering Drawing	0
	R161231	Computer Programming	171ES2T08	Theory of Machines	20
	R161227	Engineering / Applied Chemistry Laboratory	171HS2L02	English Communication Skills Lab – II	40
	R161221	English - Communication Skills Lab - 2	171BS2L02	Engineering Physics Lab	10
	R161228	C Programming Lab	171ES2L02	Engineering Workshop & IT Workshop	0
	RT21351	Fluid Mechanics and Open Channel Hydraulics	R1621351	Fluid Mechanics and Open Channel Hydraulics	0
	RT21352	Renewable Energy Sources	R1621352	Renewable Energy Sources	0
	RT21354	Ground Water Hydrology, Well and Pumps	R1621353	Ground Water Hydrology, Well and Pumps	0



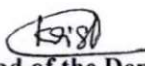
III	RT21355	Properties and Strength of Materials	R1621354	Properties and Strength of Materials	0
	RT21356	Electrical Systems	R1621355	Electrical Systems	0
	RT21353	Surveying	R1621356	Surveying	0
	RT21357	Fluid Mechanics and Open Channel Hydraulics Lab	R1621357	Fluid Mechanics and Open Channel Hydraulics Lab	0
	RT21358	Surveying Lab	R1621358	Surveying Lab	0
IV	RT22356	Principles of Soil Science and Agronomy	R1622351	Theory of Structures	0
	RT22351	Heat and Mass Transfer	R1622352	Heat and Mass Transfer	0
	RT22352	Theory of Machines	R1622353	Theory of Machines	0
	RT22353	Soil Mechanics	R1622354	Soil Mechanics	0
	RT22354	Surface Water Hydrology	R1622355	Surface Water Hydrology	0
	RT22355	Farm Power and Tractor Systems	R1622356	Farm Power and Tractor Systems	0
	RT22357	Soil Science and Agronomy Field Lab	R1622357	Soil Science and Agronomy Field Lab	0
	RT22358	Machine Drawing and Computer Graphics Lab	R1622358	Machine Drawing and Computer Graphics Lab	0
V	RT31351	Thermodynamics and Refrigeration systems	RT31016	IPR & Patents	0
	RT31352	Soil and Water Conservation Engineering	RT31267	Advanced English Communications Skills Lab	0
	RT31353	Agricultural Process Engineering	RT31351	Thermodynamics and Refrigeration systems	0
	RT31016	IPR & Patents	RT31352	Soil and water Conservation Engineering	0
	RT31354	Engineering Properties of Biological Materials and Food Quality	RT31353	Agricultural Process Engineering	0
	RT31355	Agricultural Extension Techniques and Business Management	RT31354	Engineering Properties of Biological Materials and Food Quality	0
	RT31358	Farm Machinery Lab	RT31355	Agricultural Extension Techniques and Business Management	0
	RT31267	Advanced English Communications Skills Lab	RT31358	Farm Machinery Lab	0
	RT31359	Seminar	RT31359	Seminar	0
	1RT32351	Irrigation and Drainage Engineering	RT32351	Irrigation And Drainage Engineering	0
	1RT32352	Farm Machinery and Equipment – I	RT32352	Farm Machinery And Equipment I	0
	1RT32353	Design of Soil, Water Conservation and Farm Structures	RT32353	Design Of Soil & Water Conservation And Farm Structures	0
	1RT32354	Dairy and Food Engineering	RT32354	Dairy And Food Engineering	0
	1RT32355	Theory of Structures	RT32355	Theory Of Structures	0

VI	RT32356B	Digital Control systems	RT32356B	Digital Control systems	0
	RT32356C	Robotics & Automation	RT32356C	Robotics & Automation	0
	RT32356D	Industrial Pollution Control Engineering	RT32356D	Industrial Pollution Control Engineering	0
	RT32356E	Advanced Separation Technology	RT32356E	Advanced Separation Technology	0
	RT32356F	Mechatronics	RT32356F	Mechatronics	0
	RT32356G	Finite Element Method	RT32356G	Finite Element Method	0
	RT32356H	Soil Dynamics and Machine Foundations	RT32356H	Soil Dynamics and Machine Foundations	0
	RT32356I	Water Resources System Planning and Management	RT32356I	Water Resources System Planning and Management	0
	RT32356J	Green Technologies	RT32356J	Green Technologies	0
	RT32357	Agricultural Process Engineering Lab	RT32357	Agricultural Process Engineering Lab	0
VII	RT32358	Soil and Water Engineering Lab	RT32358	Soil And Water Engineering Lab	0
	The Program has started in 2014-15 academic year. So, no final year students are present.		RT41351	Micro irrigation engineering	100
			RT41352	Farm machinery and equipments II	100
			RT41353	Post harvest engineering for horticulture produce	100
			RT41354	Mechanical measurements and instrumentation	100
			RT41355	Seed processing and storage engineering	100
			RT41356	Managerial economics & financial Analysis	100
			RT41357	Food processing plant design and layout	100
			RT41358	Watershed management	100
			RT41359	Food packaging technology	100
			RT41310	Computational Fluid Dynamics	100
			RT4135L	Field operation and maintenance of tractors and farm machinery lab	100
			RT4135M	Dairy and food engineering lab	100
			RT42351	Design of agricultural machinery	100
			RT42352	Agro industries and bi-product utilization	100
			RT42353A	GIS and remote sensing	100
			RT42353B	Human engineering and safety	100
			RT42353C	Production Technology of Agricultural Machinery	100
VIII					



		RT42354C	Principles of entrepreneurship	100
		RT42354A	Minor Irrigation and Command area development	100
		RT42354B	Hydraulic Devices and Control	100
		RT42355	Project work	100

  
Program Coordinator

  
Head of the Department  
Head of the Department  
Department of Agricultural Engineering  
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## Department of Mining Engineering

List of the Courses for The Academic year 2016-17			List of the Courses for The Academic year 2017-18		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
I	R161101	English – I	171HS1T01	English - I	65
	R161102	Mathematics – I	171BS1T01	Mathematics - I	30
	R161108	Environmental Studies	171HS1T02	Environmental Studies	20
	R161105	Engineering Chemistry	171BS1T03	Engineering Chemistry	25
	R161111	Engineering Mechanics	171ES1T02	Engineering Mechanics	0
	R161107	Computer Programming	171ES1T01	Computer Programming	10
	R161114	English Communication Skills Lab – I	171HS1L01	English Communication Skills Lab - I	10
	R161118	Engineering/Applied Chemistry Laboratory	171BS1L01	Engineering Chemistry Lab	15
	R161119	C Programming Lab	171ES1L01	Computer Programming Lab	5
II	R161201	English – II	171HS2T03	English - II	55
	R161202	Mathematics – II (Mathematical Methods)	171BS2T02	Mathematics - II	10
	R161203	Mathematics – III	171BS2T06	Mathematics - III	40
	R161204	Engineering Physics	171BS2T07	Engineering Physics	10
	R161210	Engineering Drawing	171ES2T03	Engineering Drawing	18
	R161209	Basic Electrical and Electronics Engineering	171ES2T05	Basic Electrical and Electronics Engineering	0
	R161221	English - Communication Skills Lab – II	171HS2L02	English Communication Skills Lab – II	40
	R161222	Engineering /Applied Physics Lab	171BS2L02	Engineering Physics Lab	10
	R161224	Engg. Workshop & IT Workshop	171ES2L02	Engineering Workshop and IT Workshop	0
	R161223	Engineering /Applied Physics – Virtual Labs –Assignments			
III	RT21261	Development of Mineral Deposits	R1621261	Development of Mineral Deposits	0
	RT21262	Thermal Engineering for Mining	R1621262	Thermal Engineering for Mining	0
	RT21263	Fluid Mechanics and Hydraulic Machines	R1621034	Fluid Mechanics and Hydraulic Machines	0
	RT21011	Electrical and Electronics Engineering	R1621035	Computer Aided Engineering Drawing Practice	0
	RT21264	Mining Geology – I	R1621263	Mining Geology – I	0




	RT21035	Computer Aided Engineering Drawing Practice	R1621026	Managerial Economics & Financial Analysis	0
	RT21036	Electrical and Electronics Engineering Lab	R1621036	Electrical and Electronics Engineering Lab	0
	RT21265	Fluid Mechanics and Hydraulic Machines Lab	R1621264	Fluid Mechanics and Hydraulic Machines Lab	0
IV	RT22031	Kinematics of Machinery	R1622031	Kinematics of Machinery	0
	RT22261	Materials Engineering	R1622261	Materials Engineering	0
	RT22262	Mining Geology – II	R1622262	Mining Geology – II	0
	RT22263	Mine Surveying – I	R1622263	Mine Surveying – I	0
	RT22264	Surface Mining	R1622264	Surface Mining	0
	RT22035	Machine Drawing	R1622036	Industrial Engineering and Management	0
	RT22265	Geology Lab	R1622265	Geology Lab	0
	RT22266	Materials Lab	R1622266	Materials Lab	0
	RT22267	Mine Field visit(Mandatory)	R1622267	Professional Ethics & Human Values	0
V	RT31261	Underground Coal Mining Technology	RT31261	Underground Coal Mining Technology	0
	RT31263	Mine Environment Engineering – I	RT31263	Mine Environment Engineering – I	0
	RT31264	Electrical Equipment in Mines	RT31264	Electrical Equipment in Mines	0
	RT31265	Mine Surveying– II	RT31265	Mine Surveying– II	0
	RT31022	Managerial Economics & financial analysis	RT31022	Managerial Economics & financial analysis	0
	RT31266	Mine mechanization	RT31266	Mine mechanization	0
	RT31267	Advanced English Communication Skills Lab	RT31267	Advanced English Communication Skills Lab	0
	RT31268	Mine Surveying Lab	RT31268	Mine Surveying Lab	0
	RT31016	IPR & Patents	RT31016	IPR & Patents	0
	RT31260	Mine Field visit(Mandatory)	RT31260	Mine Field visit(Mandatory)	0
VI	1RT32261	Mine Systems Engineering	1RT32261	Mine Systems Engineering	0
	1RT32262	Mineral Engineering and Fuel Technology	1RT32262	Mineral Engineering and Fuel Technology	0
	1RT32263	Mine Environmental Engineering – II	1RT32263	Mine Environmental Engineering – II	0
	1RT32264	Mining Machinery	1RT32264	Mining Machinery	0
	1RT32265	Under Ground Metal Mining Technology	1RT32265	Under Ground Metal Mining Technology	0
	RT32266A	Rock Slope Engineering	RT32266A	Rock Slope Engineering	0
	RT32266B	Mine Subsidence Engineering	RT32266B	Mine Subsidence Engineering	0
	RT32266C	Rock Fragmentation Engineering	RT32266C	Rock Fragmentation Engineering	0
	RT32267	Mineral Engineering Lab	RT32267	Mineral Engineering Lab	0

	RT32268	Environmental Engineering Lab
	RT32269	Industrial Training (3-4weeks)
VII	The Program has started in 2014-15 academic year. So, final year students are not present.	
VIII		
VIII		

RT32268	Environmental Engineering Lab	0
RT32269	Industrial Training (3-4weeks)	0
RT41261	Mine Economics	100
RT41262	Computer Applications in Mining	100
RT41263	Rock Mechanics & Ground Control	100
RT41264	Mine Legislation & General Safety	100
RT41265	Industrial Robotics	100
RT41266	Environmental Impact Assessment	100
RT41267	Numerical Methods	100
RT41268	Industrial Management	100
RT4126L	Computer Applications in Mining Lab	100
RT4126M	Rock Mechanics & Ground Control Lab	100
RT4126N	Short Survey Camp (One Week)	100
RT42031	Production Planning and Control	100
RT42262A	Deep Sea Mining	100
RT42262B	Mine Construction	100
RT42262C	Tunneling Engineering	100
RT42263A	Planning of Under Ground Metal Mining Project	100
RT42263B	Planning of Under Ground Coal Mining Project	100
RT42263C	Planning of Surface Mining Projects	100
RT42264A	Maintenance & Reliability Engineering	100
RT42264B	Rock Excavation Engineering	100
RT42264C	Mine Health and Safety Engineering	100
RT42265	Project	100

  
Program Coordinator

  
Head of the Department  
Head of the Department  
DEPARTMENT OF MINING ENGINEERING  
ADITYA ENGINEERING COLLEGE (A9)





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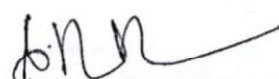
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## Program: M. Tech in Computer Science and Engineering

List of courses for the Academic Year 2016-2017			List of courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	% of content revised for the existing year
I	I0504	Advanced Operating Systems	172CO1T01	Advanced Data Structures & Algorithm Analysis	0
	I4001	Advanced Data Structures And Algorithm Analysis	172CO1T02	Database Management System	0
	I5801	Mathematical Foundations Of Computer Science	172CO1T03	Computer Organization & Architecture	40
	I5802	Computer Organization And Architecture	172CO1T04	Mathematical Foundations of Computer Science	0
	I5803	Database Management Systems	172CO1T05	Computer Networks	50
	I5804	Data Warehousing And Data Mining	172CO1E01	Software Engineering	0
	I5805	CSE Lab 1	172CO1E02	Advanced Operating Systems	0
			172CO1E03	Compiler Design	0
II	J0502	Software Engineering	172CO1E04	Human Computer Interaction	100
	J2503	Cyber Security	172CO1L01	Advanced Data Structures & Database Management Systems Lab	100
	J2510	Cloud Computing	172CO2T06	Cyber Security	0
	J4001	Advanced Unix Programming	172CO2T07	Data Ware Housing & Data Mining	0
	J4002	Big Data Analytics	172CO2T08	Big Data Analytics	0
	J5801	Computer Networks	172CO2T09	Advanced Unix Programming	0
	J5803	Cse Lab 2	172CO2E05	Machine Learning	0
			172CO2E06	Digital Image Processing	0
			172CO2E07	Mobile Computing	0
			172CO2E08	Cloud Computing	0
III	K5801	Comprehensive Viva-Voce	172CO2E09	Internet of Things	100
	K5802	Seminar – I	172CO2E10	Bio Informatics	100
	K5803	Project Work Part - I	172CO2L02	Advanced Unix Programming and Hadoop & Bigdata Lab	100
			K5801	Comprehensive Viva-Voce	100
			K5802	Seminar – I	0
			K5803	Project Work Part - I	0

IV	L5801	Seminar – II	L5801	Seminar – II	0
	L5802	Project Work Part - II	L5802	Project Work Part - II	0

  
Program Coordinator

  
Head of the Department  
**Head of the Department**  
**Department of CSE**  
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## Department of M.Tech (Software Engineering)

List of Courses for the Academic Year 2016-2017			List of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
I		Software Requirements And Estimation	172SO1T01	Software Requirements And Estimation	
		Software Metrics And Reuse	172SO1T02	Software Metrics And Reuse	
		Software Project And Process Management	172SO1T03	Software Project And Process Management	
		Big Data Analytics	172SO1T04	Big Data Analytics	
		Web Technologies	172SO1E01	Web Technologies	
		Middleware Technologies	172SO1E02	Middleware Technologies	100
		Mobile Computing	172SO1E03	Mobile Computing	100
		E-Commerce	172SO1E04	E-Commerce	
		Scripting Languages	172SO1E05	Scripting Languages	
II		Software Architecture And Design Patterns	172SO2T05	Software Architecture And Design Patterns	
		Soft Computing	172SO2E09	Soft Computing	100
		User Interface Design	172SO2E10	User Interface Design	
		Software Quality Assurance And Testing	172SO2T06	Software Quality Assurance And Testing	
		Cyber Security	172CO2T06	Cyber Security	
		Internet Of Things	172CO2E09	Internet Of Things	100
III		Comprehensive Viva-Voce	171SO3C01	Comprehensive Viva-Voce	

		Seminar – I		171SO3R01 171SO3P01	Seminar – I Project Work – Part - I	
		Project Work – Part - I				
IV		Seminar – II		171SO3R02	Seminar – II	
		Project Work Part - II		171SO3P02	Project Work Part - II	

  
Program Coordinator

  
Head of the Department  
Head of the Department  
Department of IT  
Aditya Engineering College





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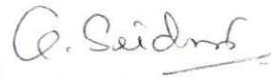
## Department of Electronics and Communication Engineering

### Programme Name : M.Tech Embedded Systems

List of Courses for the Academic Year 2016-2017			List of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
I	I6801	Digital System Design	172EM1T01	Digital System Design	0
	I5501	Embedded System Design	172EM1T02	Embedded System Design	20
	I5502	Embedded Real Time Operating Systems	172EM1T03	Real Time Operating Systems	20
	I6805	Embedded - C	172EM1T04	Embedded - C	30
	I5701	Sensors and Actuators	172EM1E01	Cyber Security	0
	I5702	Network Security & Cryptography	172EM1E02	Sensors and Actuators	0
	I5703	Advanced Computer Architecture	172CO1E02	Advanced Operating Systems	8
	I6806	Embedded Computing	172EM1E03	Soft Computing Techniques	40
	I6807	Soft Computing Techniques	172EM1E04	Embedded Computing	5
	I6808	Advanced Operating Systems	172EM1E05	Device Drivers	100
	I6809	Cyber Security	172EM1E06	Network Security and cryptography	10
	I5505	Embedded C-Laboratory	172EM1E07	Advanced Computer Architecture	33
			172EM1L01	Embedded Systems Lab	17

List of Courses for the Academic Year 2016-2017			List of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
II	J5501	Hardware Software Co-Design	172EM2T05	Hardware Software Co - Design	0
	J6805	Digital Signal Processors and Architecture	172EM2T06	DSP Processors & Architectures	0
	J5502	Embedded Networking	172EM2T07	Embedded Networking	0
	J6809	CPLD and FPGA Architectures and Applications	172EM2T08	CPLD / FPGA Architectures & Applications	0
	J6802	CMOS Mixed Signal Circuit Design	172EM2E08	System on Chip Design	20
	J6803	Micro Electro Mechanical System Design	172VD2T04	CMOS Mixed Signal Circuit Design	0
	J6804	Internet Protocols	172EM2E09	MEMS Design	0
	J5702	System on Chip Design	172EM2E10	Internet Protocols	0
	J5703	Wireless LANs and PANs	172VD2T07	Design For Testability	100
	J5704	Multimedia and Signal Coding	172EM2E11	Wireless LANs and PANs	0
	J5505	Embedded System Design Laboratory	172EM2E12	Multimedia & Signal Coding	0
			172EM2L02	Embedded Real Time Systems Lab	0
III	I6812	Comprehensive Viva-Voce	K5701	Comprehensive Viva-Voce	0
	I6813	Seminar – I	K5702	Seminar – I	0
	I6814	Project Work Part – I	K5703	Project Work Part – I	0
IV	I6815	Seminar – II	L5701	Seminar – II	0
	I6817	Project Work Part - II	L5701	Project Work Part - II	0

  
**Program Coordinator**

  
**Head of the Department**  
 Head of the Department  
**Department of E.C.E.**  
**Aditya Engineering College (A9)**





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## Department of Management Studies

### Programme Name: MBA

List of Courses for the Academic Year 2016-2017				List of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Percent age of content changed for existing year	Course Code	Course Name	Percentage of content changed for existing year
I	MB1611	Principles of Management	0	174MB1T01	Principles of Management	0
	MB1612	Managerial Economics	0	174MB1T02	Managerial Economics	0
	MB1613	Accounting for Managers	0	174MB1T03	Accounting for Managers	0
	MB1614	Managerial Communication & Soft skills	0	174MB1T04	Managerial Communication & Soft Skills	0
	MB1615	Business Environment	0	174MB1T05	Business Environment	0
	MB1616	Quantitative Analysis for Business Decision 1	0	174MB1T06	Quantitative Analysis for Business Decisions	0
	MB1617	IT – LAB	0	174MB1L01	IT - LAB	0
II	MB1622	Human Resource Management	0	174MB2T08	Human Resource Management	0
	MB1623	Marketing Management	0	174MB2T09	Marketing Management	0
	MB1624	Production and Operations Management	0	174MB2T10	Production & Operations Management	0
	MB1625	Business Research Methods	0	174MB2T11	Business Research Methods	0
	MB1626	Organizational Behavior	0	174MB2T12	Organizational Behavior	0
	MB1627	Mini Project * Seminar on Mini Project	0	174MB2P01	Minor Project	0

	R1321	Strategic Management	0	MB1631	Strategic Management	0
	R1322	Legal Aspects of Business	0	MB1632	Legal Aspects of Business	0
	R1323	Retail Management	100	MB1633	Business Ethics & Corporate Governance	100
	R1324	Logistic and Supply Chain Management	0	MB1641	Logistic and Supply Chain Management	0
	R1325	Entrepreneurship Development	0	MB1642	Entrepreneurship Development	0
	R1326	Major Project & Comprehensive Viva	100	MB1634	Leadership Management	100
	R1327	Product Management	0	MB1638	Compensation and Reward Management	0
	R1328	Promotion and Distribution Management	100	MB163C	Performance Management	100
	R1329	Services Marketing	100	MB163G	Strategic Human Resource Management	100
III	R1330	Consumer Behavior	100	MB1635	Security Analysis & Portfolio Management	100
	R1331	Investment Management	0	MB1639	Banking and Insurance Management	0
	R1632	Banking and Insurance	0	MB163D	Advance Management Accounting	0
	R1333	International Financial Management	100	MB163H	Strategic Financial Management	100
	R1334	Financial Risk Management	0	MB1636	Consumer Behavior	0
	R1335	Compensation and Performance Management	0	MB163A	Retail Management	0
	R1336	Management of Industrial Relations	100	MB163E	Customer Relationship Management	100



	R1337	Global Human Resource Management	100	MB163I	Strategic Marketing Management	100
	R1338	Management of Change and Development	100	MB1643	Organizational Development & Change Management	100
	R1339	E-Business	0	MB1647	Global HRM	0
IV	R1340	Enterprise Resource Planning	100	MB164B	Labor Welfare & Legislation	100
	R1341	Information Systems Audit & Control	0	MB164F	Management of Industrial Relations	0
	R1342	Software Project Management	100	MB1644	Financial Markets and Services	100
				MB1648	Global Financial Management	0
				MB164C	Risk Management	0
				MB164G	Tax Management	100
				MB1645	Services Marketing	0
				MB1649	Promotional Distribution Management	0
				MB164D	Global Marketing Management	100
				MB164H	Supply Chain Management	100
				MB164J	Major Project & Comprehensive Viva	0
				MB163K	E-Business	0
				MB163L	RDBMS	100
				MB163M	System Analysis & Design	100
				MB163N	Web Designing	100
				MB164O	Business Intelligence	100
				MB164P	Enterprise Resource Planning	0

				MB164Q	Cyber Laws & Security	100
				MB164R	Information Systems Audit	0

*P. Mehra*  
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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## Department of Management Studies

Programme Name: IMBA

List of Courses for the Academic Year 2016-2017				List of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Percent age of content changed for existing year	Course Code	Course Name	Percentage of content changed for existing year
I	16IM101	English Language - I	100	175IM1T01	English Language – I	0
	16IM102	Business Mathematics & Statistics	100	175IM1T02	Business Mathematics & Statistics	0
	16IM103	Fundamentals of Business Organization	100	175IM1T03	Fundamental s of Business Organization	0
	16IM104	Financial Accounting - I	100	175IM1T04	Financial . Accounting – I	0
	16IM105	Fundamentals of Computers	100	175IM1T05	Fundamental s of Computers	0
II	16IM201	English Language – II	100	175IM2T06	English Language – II	0
	16IM202	Business Environment	100	175IM2T07	Business Environment	0
	16IM203	Managerial Economics	100	175IM2T08	Managerial Economics	0
	16IM204	Financial	100	175IM2T09	Financial	0

		Accounting – II			Accounting – II	
	16IM205	Organizational Communications	100	175IM2T10	Organizational Communications	0
III				16IM301	Principles of Management	100
				16IM302	Cost Accounting	100
				16IM303	Banking Theory & Practice	100
				16IM304	Business Law	100
				16IM305	Entrepreneurship Development	100
IV				16IM401	Organizational Behavior	100
				16IM402	Management Accounting	100
				16IM403	Company Law	100
				16IM404	Elements of Direct & Indirect Taxes	100
				16IM405	Management Information Systems	100

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## Department of Agricultural Engineering

List Of Courses for the Academic Year 2016-2017			List Of Courses for the Academic Year 2017-2018		
Semester	Course Code	Course Name	Course Code	Course Name	Percentage of content changed for existing year
I		C PROGRAMMING AND DATA STRUCTURES	173MC1T01	C programming and data structures	0
		COMPUTER ORGANIZATION	173MC1T02	Computer organization	0
		DISCRETE MATHEMATICAL STRUCTURES AND GRAPH THEORY	173MC1T03	Discrete mathematical structures and graph theory	0
		STATISTICAL PROGRAMMING WITH R	173MC1T04	Statistical programming with r	100
		ACCOUNTING AND FINANCIAL MANAGEMENT	173MC1T05	Accounting and financial management	0
		ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	173MC1L01	English language communication skills lab	100
		C PROGRAMMING LAB	173MC1L02	C programming lab	0
		STATISTICAL PROGRAMMING WITH R LAB	173MC1L03	Statistical programming with r lab	100
II		OOPS THROUGH JAVA	173MC1T06	OOPS THROUGH JAVA	0
		OPERATING SYSTEMS	173MC1T07	OPERATING SYSTEMS	0
		SOFTWARE ENGINEERING	173MC1T08	SOFTWARE ENGINEERING	0
		OPTIMIZATION TECHNIQUES	173MC1T09	OPTIMIZATION TECHNIQUES	0
		COMPUTER GRAPHICS	173MC1T10	COMPUTER GRAPHICS	0
		OOPS THROUGH JAVA LAB	173MC1L04	OOPS THROUGH JAVA LAB	0



		DATA STRUCTURES LAB	173MC1L05	DATA STRUCTURES LAB	0
		OPERATING SYSTEM & COMPUTER GRAPHICS LAB	173MC1L06	OPERATING SYSTEM & COMPUTER GRAPHICS LAB	100
III		DATA BASE MANAGEMENT SYSTEMS	MC1631	DATA BASE MANAGEMENT SYSTEMS	0
		COMPUTER COMMUNICATION	MC1632	COMPUTER NETWORKS	0
		UNIX PROGRAMMING	MC1633	UNIX PROGRAMMING	0
		MANAGEMENT INFORMATION SYSTEM	MC1634	MANAGEMENT INFORMATION SYSTEM	100
		DESIGN AND ANALYSIS OF ALGORITHMS	MC1635	DESIGN AND ANALYSIS OF ALGORITHMS	0
		DATA BASE MANAGEMENT SYSTEMS LAB	MC1636	DATA BASE MANAGEMENT SYSTEMS LAB	0
		UNIX PROGRAMMING LAB	MC1637	UNIX PROGRAMMING LAB	0
			MC1638	COMPUTER NETWORKS LAB	0
IV		SOFTWARE ENGINEERING	MC1641	OBJECT ORIENTED ANALYSIS AND DESIGN	100
		ADVANCED JAVA & WEB TECHNOLOGIES	MC1642	ADVANCED JAVA & WEB TECHNOLOGIES	0
		DATA WAREHOUSING AND MINING	MC1643	DATA WAREHOUSING AND MINING	0
		ELECTIVE-I	MC1644	MOBILE COMPUTING	0
		MOBILE COMPUTING	MC1645	HUMAN COMPUTER INTERACTION	0
		HUMAN COMPUTER INTERACTION	MC1646	CLOUD COMPUTING	100
		ERP & SUPPLY CHAIN MANAGEMENT	MC1647	SOFTWARE PROJECT MANAGEMENT	0
		ELECTIVE-II	MC1648	ARTIFICIAL INTELLIGENCE	0
		SOFTWARE TESTING METHODOLOGIES	MC1649	EMBEDDED SYSTEMS	0
		ARTIFICIAL INTELLIGENCE	MC164A	ADVANCED JAVA & WEB TECHNOLOGIES LAB	0
		COMPUTER GRAPHICS	MC164B	DATA WAREHOUSING AND MINING LAB	0



		ADVANCED JAVA & WEB TECHNOLOGIES LAB		MC164C	OBJECT ORIENTED ANALYSIS AND DESIGN LAB	100
		DATA WAREHOUSING AND MINING LAB				0
V	MC1651	INFORMATION SECURITY		MC1651	INFORMATION SECURITY	0
	MC1652	NETWORK PROGRAMMING		MC1652	NETWORK PROGRAMMING	0
	MC1641	OBJECT ORIENTED ANALYSIS AND DESIGN (USING UML)		MC1641	OBJECT ORIENTED ANALYSIS AND DESIGN (USING UML)	0
	MC165D	ANIMATION & GAMING		MC165D	ANIMATION & GAMING	100
	MC1655	COMPUTER FORENSICS		MC1655	COMPUTER FORENSICS	0
	MC1656	E-COMMERCE		MC1656	E-COMMERCE	0
	MC1657	MIDDLE WARE TECHNOLOGIES		MC1657	MIDDLE WARE TECHNOLOGIES	0
	MC1658	MULTIMEDIA APPLICATION DEVELOPMENT		MC1658	MULTIMEDIA APPLICATION DEVELOPMENT	0
	MC1659	SOFTWARE PROJECT MANAGEMENT		MC1659	SOFTWARE PROJECT MANAGEMENT	0
	MC164C	UML LAB		MC164C	UML LAB	0
	MC165B	NETWORK PROGRAMMING LAB		MC165B	NETWORK PROGRAMMING LAB	0
VI		PROJECT SEMINAR			PROJECT SEMINAR	0
		DISSERTATION/ THESIS			DISSERTATION/ THESIS	0

*T-satya*  
**Program Coordinator**

*Bulak*  
**Head of The Department**  
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