

SCHOOL OF ELECTRICAL ENGINEERING	W.E.F	:	2016-17
DEPARTMENT OF ELECTRONICS & ENGINEERING	RELEASE DATE	:	1/06/2016
FIRST YEAR BACHELOR OF TECHNOLOGY	REVISION NO.	:	0.0

SEMESTER: I

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T*	CREDIT
1.	NSC1	AS101	Mathematics – 1	4	1	5
2.	NSC2	AS102 / AS103	Physics / Chemistry	3	2	4
3.	ESC1	EX101 / CV101	Electrical & Electronics Engg. / Applied Mechanics	3	2	4
4.	ESC2	ME101/ IT101	Engineering Graphics / Computer Programming	2	4	4
5.	HSS1	HP101	Language & Communication – I	1	2	2
6.	SDP1	ME102 / ME103	Experimental Tools & Techniques / Design Thinking	-	4	2
TOTAL				13	15	21

SEMESTER: II

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T*	CREDIT
1.	NSC3	AS104	Mathematics – 2	4	1	5
2.	NSC4	AS103 / AS102	Chemistry / Physics	3	2	4
3.	ESC3	CV101 / EX101	Applied Mechanics / Electrical & Electronics Engg.	3	2	4
4.	ESC4	ME101/ IT101	Engineering Graphics / Computer Programming	2	4	4
5.	HSS2	HP102	Language & Communication – II	1	2	2
6.	SDP2	ME103 / ME102	Design Thinking / Experimental Tools & Techniques	-	4	2
TOTAL				13	15	21

MIT Academy of Engineering (An Autonomous Institute)	COURSE STRUCTURE (2016 - 2020)		
SCHOOL OF ELECTRICAL ENGINEERING	W.E.F	:	2017-18
DEPARTMENT OF ELECTRONICS ENGINEERING	RELEASE DATE	:	1/06/2017
SECOND YEAR BACHELOR OF TECHNOLOGY	REVISION NO.	:	0.0

SEMESTER: III						
SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	PC1	CH201	Environmental Science	2	2	3
2.	PC2	AS202	Applied Mathematics	3	2	4
3.	PC3	ET201	System Engineering	3	2	4
4.	DC1	ET202	Analog Electronics	3	2	4
5.	DC2	EX202	Applied Digital Circuits	3	2	4
6.	SDP3	ET206	Prototyping	-	4	2
TOTAL				14	14	21

SEMESTER:IV						
SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	HSS3	HP201	Psychology	3	-	3
2.	PC4	IT201	Engineering Informatics	3	2	4
3.	PC5	ME201	Material Engineering	3	2	4
4.	DC3	EX211	Analog and Digital Communication	3	2	4
5.	DC4	EX212	Circuit Theory	3	2	4
6.	SDP4	EX213	Minor Project	-	4	2
TOTAL				15	12	21

L: Lecture, P: Practical

SCHOOL OF ELECTRICAL ENGINEERING	W.E.F	:	2018-19
DEPARTMENT OF ELECTRONICS ENGINEERING	RELEASE DATE	:	1/06/2018
THIRD YEAR BACHELOR OF TECHNOLOGY	REVISION NO.	:	0.0

SEMESTER:V

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC5	EX301	Embedded System Design	3	2	4
2.	DC6	ET301	Control Systems	3	2	4
3.	DC7	EX303	Computer Network	3	2	4
4.	OE1	EX31#	Open Elective - Refer Annexure	3	2	4
5.	HSS4	HP301	Project Management	1	2	2
6.	HSS6	HP303	Basics of Entrepreneurship	-	2	1
7.	SDP5	EX30#	Skill Development Lab - Refer Annexure	-	4	2
TOTAL				13	16	21

SEMESTER : VI

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC8	EX321	Real Time Operating System	3	2	4
2.	DC9	EX322	Digital Signal Processing	3	2	4
3.	DC10	EX323	Power Electronics & Application	3	2	4
4.	OE2	EX33#	Open Elective - Refer Annexure	3	2	4
5.	HSS5	HP302	Professional Skills	1	2	2
6.	SDP6	EX324	Mini Project	-	4	2
TOTAL				13	14	20

L: Lecture, P: Practical

SCHOOL OF ELECTRICAL ENGINEERING	W.E.F	:	2019-20
DEPARTMENT OF ELECTRONICS ENGINEERING	RELEASE DATE	:	1/06/2019
FINAL YEAR BACHELOR OF TECHNOLOGY	REVISION NO.	:	0.0

SEMESTER:VII

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC11	ET401	VLSI Design	3	2	4
2.	DE1	EX41#	Department Elective - Refer Annexure	3	-	3
3.	OE3	EX42#	Open Elective - Refer Annexure	3	2	4
4.	HSS7	HP401	Engineering Economics	2	-	2
5.	HSS8 / SDP7	HP403 / ET403	Business Strategies / Programming in Java	-	2	1
6.	SDP8	EX402	Project – I	-	8	4
7.	SDP9	EX404	Summer Internship	-	-	4
TOTAL				11	14	22

SEMESTER:VIII

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC12	EX431	Consumer Electronics	3	2	4
2.	DE2	EX44#	Department Elective - Refer Annexure	3	-	3
3.	OE4	EX45#	Open Elective - Refer Annexure	3	2	4
4.	HSS9	HP402	Sociology	2	-	2
5.	SDP10	EX432	Project – II	-	8	4
TOTAL				11	12	17

L: Lecture, P: Practical