

 MIT Academy of Engineering (An Autonomous Institute)			CURRICULUM STRUCTURE (2016 - 2020)			
SCHOOL OF COMPUTER ENGINEERING AND TECHNOLOGY			W.E.F :	2016-17		
FIRST YEAR BACHELOR OF TECHNOLOGY COMPUTER ENGINEERING			RELEASE DATE :	01/06/2016		
			REVISION NO. :	0.0		
SEMESTER: I						
SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	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 – 1	1	2	2
6.	SDP1	ME102 / ME103	Engineering Tools & Techniques / Design Thinking	—	4	2
TOTAL				13	15	21
SEMESTER: II						
SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	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	IT101 / ME101 /	Computer Programming / Engineering Graphics	2	4	4
5.	HSS2	HP102	Language & Communication – 2	1	2	2
6.	SDP2	ME103 / ME102	Design Thinking / Engineering Tools & Techniques	—	4	2
TOTAL				13	15	21

L: Lecture, P: Practical, T: Tutorial; *Applicable for FY B. Tech

MIT Academy of Engineering (An Autonomous Institute)			CURRICULUM STRUCTURE (2016 - 2020)			
SCHOOL OF COMPUTER ENGINEERING AND TECHNOLOGY			W.E.F	:	2017-18	
SECOND YEAR BACHELOR OF TECHNOLOGY COMPUTER ENGINEERING			RELEASE DATE	:	01/06/2017	
			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	CS201	Data and File Structures	3	2	4
5.	DC2	CS202	Digital Electronics and Microprocessors	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	CS211	Discrete Structure and Graph Theory	3	2	4
5.	DC4	CS212	Database Management Systems	3	2	4
6.	SDP4	CS213	Minor Project	--	4	2
TOTAL				15	12	21

Note: L: Lecture, P: Practical, T: Tutorial; *Applicable for FY BTech

SCHOOL OF COMPUTER ENGINEERING AND TECHNOLOGY

W.E.F : 2018-19

**THIRD YEAR BACHELOR OF TECHNOLOGY
COMPUTER ENGINEERING**

RELEASE DATE : 01/12/2017

REVISION NO. : 0.0

SEMESTER: V

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC5	CS301	Operating System	3	2	4
2.	DC6	CS302	Computer Organization & Architecture	3	--	3
3.	DC7	CS303	Theory of Computation	3	--	3
4.	DC8	CS304	Computer Graphics & Gaming	--	4	2
5.	OE1	IT 311 CS311 CS312	Open Elective - Refer Annexure.	3	2	4
6.	HSS4	HP301	Project Management	1	2	2
7.	SDP5	CS30#	Skill Development Lab	--	4	2
TOTAL				13	14	20

SEMESTER:VI

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC9	CS321	Design and Analysis of Algorithm	3	2	4
2.	DC10	CS322	Compiler Design	3	2	4
3.	DC11	CS323	Computer Networks	3	2	4
4.	OE2	IT 331 CS331 CS332	Open Elective - Refer Annexure.	3	2	4
5.	HSS5	HP302	Professional Skills	1	2	2
6.	HSS6	HP303	Basics of Entrepreneurship	--	2	1
7.	SDP6	CS324	Mini Project	--	4	2
TOTAL				13	16	21

**SCHOOL OF COMPUTER
ENGINEERING AND TECHNOLOGY**

W.E.F : 2019-20

**FINAL YEAR BACHELOR OF
TECHNOLOGY
COMPUTER ENGINEERING**

RELEASE DATE : 01/12/2017

REVISION NO. : 0.0

SEMESTER: VII

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC 12	CS401	Software Engineering, Testing and Quality Assurance.	3	2	4
2.	DE 1	CS41#	Department (Program) elective - Refer Annexure	3	0	3
3.	OE 3	CS42#	Open Elective – Refer Annexure	3	2	4
4.	HSS 6	HP402	Sociology	2	--	2
5.	HSS7/S DP7	HP403/CS 40#	Business Strategies/ Advance skill development lab(Adv. Java/R Programming/Python with kali Linux)	--	2	1
6.	SDP 8	CS405	Project – I	--	8	4
7.	SDP9	CS406	Summer Internship	--	--	4
TOTAL				11	14	22

SEMESTER:VIII

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC 13	CS431	Human Computer Interaction	3	2	4
2.	DE 2	CS44#	Department (Program) elective - Refer Annexure	3	0	3
3.	OE 4	CS45#	Open Elective – Refer Annexure	3	2	4
4.	HSS8	HP401	Engineering Economics	2	--	2
5.	SDP10	CS432	Project – II	--	8	4
TOTAL				11	12	17