

**MIT**Academy of  
Engineering**CURRICULUM STRUCTURE  
(2016 - 2020)****SCHOOL OF COMPUTER  
ENGINEERING AND TECHNOLOGY**

W.E.F : 2016-17

**FIRST YEAR BACHELOR OF  
TECHNOLOGY  
INFORMATION TECHNOLOGY**

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
<b>TOTAL</b>				<b>13</b>	<b>15</b>	<b>21</b>

**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
<b>TOTAL</b>				<b>13</b>	<b>15</b>	<b>21</b>

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

**SCHOOL OF COMPUTER  
ENGINEERING AND TECHNOLOGY**

**W.E.F** : 2017-18

**SECOND YEAR BACHELOR OF  
TECHNOLOGY  
INFORMATION TECHNOLOGY**

**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	IT202	Object Oriented Technology	3	2	4
5.	DC2	IT203	Computer Network Technology	3	2	4
6.	SDP3	ET206	Prototyping	--	4	2
<b>TOTAL</b>				<b>14</b>	<b>14</b>	<b>21</b>

**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	IT211	Data Structures and Applications	3	2	4
5.	DC4	IT212	Database Systems	3	2	4
6.	SDP4	IT213	Minor Project	--	4	2
<b>TOTAL</b>				<b>15</b>	<b>12</b>	<b>21</b>

**SCHOOL OF COMPUTER  
ENGINEERING AND TECHNOLOGY**

**W.E.F** : 2018-19

**THIRD YEAR BACHELOR OF  
TECHNOLOGY  
INFORMATION TECHNOLOGY**

**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	IT301	Computability Theory	3	2	4
2.	DC6	IT302	Operating System	3	2	4
3.	DC7	IT303	Web Technology	3	2	4
4.	OE1	IT311 CS311 CS312	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	CS305 CS306 CS307	Skill Development Lab	–	4	2
<b>TOTAL</b>				<b>13</b>	<b>16</b>	<b>21</b>

**SEMESTER:VI**

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC8	IT321	Computational Intelligence	3	2	4
2.	DC9	IT322	Cloud Services and Applications	3	2	4
3.	DC10	IT323	Mobile Application Development	3	2	4
4.	OE2	IT331 CS331 CS332	Open Elective - Refer Annexure.	3	2	4
5.	HSS5	HP302	Professional Skills	1	2	2
6.	SDP6	IT324	Mini Project		4	2
<b>TOTAL</b>				<b>13</b>	<b>14</b>	<b>20</b>

**SCHOOL OF COMPUTER  
ENGINEERING AND TECHNOLOGY**

**W.E.F** : 2019-20

**FINAL YEAR BACHELOR  
OF TECHNOLOGY  
INFORMATION TECHNOLOGY**

**RELEASE  
DATE** : 01/12/2017

**REVISION  
NO.** : 0.0

**SEMESTER: VII**

Sl. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T*	CREDIT
1.	DC – 11	C8401	Software Engineering, Testing and Quality Assurance	3	2	4
2.	DE – 1	IT41#	Department (Program) elective - Refer Annexure	3	--	3
3.	OE – 3	IT421 C8421 C8422	Open elective - Refer Annexure	3	2	4
4.	HSS – 7	HP401	Engineering Economics	2	--	2
6.	HSS – 8 /SDP-7	HP403/C840#	Business Strategies / Advance skill development lab (Adv. Java/ R programming/Python with Kali Linux)	--	2	1
8.	SDP – 8	IT402	Project - I	--	8	4
7.	SDP-8	C8408	Summer Internship	--	--	4
<b>TOTAL</b>				<b>11</b>	<b>14</b>	<b>22</b>

**SEMESTER: VIII**

Sl. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T*	CREDIT
1.	DC – 12	C8431	Human Computer Interactions	3	2	4
2.	DE – 2	IT44#	Department (Program) elective - Refer Annexure	3	--	3
3.	OE – 4	IT451 C8451 C8452	Open elective - Refer Annexure	3	2	4
4.	HSS – 9	HP402	Sociology	2	--	2