

AICTE B.Tech. Model Curriculum Structure													
SEMESTER- III							Annexure-B(i)						
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		Engineering Science Course [ESC]/(Maths-III/ Maths-IV/ Maths-V)	3	1	0	30	20	50		100		150	4
2		Technical Communication/Universal Human Values and Professional Ethics	2	1	0	30	20	50		100		150	3
3		Departmental Course - 1	3	1	0	30	20	50		100		150	4
4		Departmental Course - 2	3	1	0	30	20	50		100		150	4
5		Departmental Course - 3	3	0	0	30	20	50		100		150	3
6		LAB-1	0	0	2				25		25	50	1
7		LAB-2	0	0	2				25		25	50	1
8		LAB-3	0	0	2				25		25	50	1
9		Mini Project or Internship Assessment*	0	0	2			50				50	1
10	NC*	Computer System Security/Python Programming	2	0	0	15	10	25		50			
11		MOOCs (Essential for Hons. Degree)											
		<b>Total</b>										<b>950</b>	<b>22</b>
*The Mini Project or internship (3-4 weeks) conducted during summer break after II semester and will be assessed during III semester.													
SEMESTER- IV													
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		(Maths-III/ Maths-IV / Maths-V) /Engineering Science Course [ESC]	3	1	0	30	20	50		100		150	4
2		Universal Human Values and Professional Ethics/Technical Communication	3	0	0	30	20	50		100		150	3
3		Departmental Course - 4	3	0	0	30	20	50		100		150	3
4		Departmental Course - 5	3	1	0	30	20	50		100		150	4
5		Departmental Course - 6	3	1	0	30	20	50		100		150	4
6		LAB-1	0	0	2				25		25	50	1
7		LAB-2	0	0	2				25		25	50	1
8		LAB-3	0	0	2				25		25	50	1
9	NC*	Python Programming/ Computer System Security	2	0	0	15	10	25		50			
10		MOOCs (Essential for Hons. Degree)											
		<b>Total</b>										<b>900</b>	<b>21</b>
*The Mini Project or internship (3-4 weeks) conducted during summer break after IV semester and will be assessed during V semester.													
SEMESTER- V													
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		Departmental Course - 7	3	1	0	30	20	50		100		150	4
2		Departmental Course - 8	3	1	0	30	20	50		100		150	4
3		Departmental Course - 9	3	1	0	30	20	50		100		150	4
4		Departmental Elective-I	3	0	0	30	20	50		100		150	3
5		Departmental Elective-II	3	0	0	30	20	50		100		150	3
6		LAB-1	0	0	2				25		25	50	1
7		LAB-2	0	0	2				25		25	50	1
8		LAB-3	0	0	2				25		25	50	1
9		Mini Project or Internship Assessment*	0	0	2			50				50	1
10	NC*	Constitution of India / Essence of Indian Traditional Knowledge	2	0	0	15	10	25		50			
11		MOOCs (Essential for Hons. Degree)											
		<b>Total</b>	<b>17</b>	<b>3</b>	<b>8</b>							<b>950</b>	<b>22</b>
*The Mini Project or internship (4 weeks) conducted during summer break after IV semester and will be assessed during V semester.													
SEMESTER- VI													
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		Departmental Course - 10	3	1	0	30	20	50		100		150	4
2		Departmental Course - 11	3	1	0	30	20	50		100		150	4
3		Departmental Course - 12	3	1	0	30	20	50		100		150	4
4		Departmental Elective-III	3	0	0	30	20	50		100		150	3
5		Open Elective-I	3	0	0	30	20	50		100		150	3
6		LAB-1	0	0	2				25		25	50	1
7		LAB-2	0	0	2				25		25	50	1
8		LAB-3	0	0	2				25		25	50	1
9	NC*	Essence of Indian Traditional Knowledge/Constitution of India	2	0	0	15	10	25		50			
10		MOOCs (Essential for Hons. Degree)											
		<b>Total</b>	<b>0</b>	<b>3</b>	<b>6</b>							<b>900</b>	<b>21</b>
*The Mini Project or internship (4 - 6 weeks) conducted during summer break after VI semester and will be assessed during VII semester.													
SEMESTER- VII													
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		HSMC -1 # / HSMC-2 #	3	0	0	30	20	50		100		150	3
2		Departmental Elective-IV	3	0	0	30	20	50		100		150	3
3		Departmental Elective-V	3	0	0	30	20	50		100		150	3
4		Open Elective-II	3	0	0	30	20	50		100		150	3
5		LAB-1	0	0	2				25		25	50	1
6		Mini Project or Internship Assessment*	0	0	2			50				50	1
7		Project	0	0	8				150			150	4
8		MOOCs (Essential for Hons. Degree)											
		<b>Total</b>	<b>12</b>	<b>0</b>	<b>12</b>							<b>850</b>	<b>18</b>
*The Mini Project or internship (4 - 6 weeks) conducted during summer break after VI semester and will be assessed during VII semester.													
SEMESTER- VIII													
Sl. No.	Subject Codes	Subject	Periods			Evaluation Scheme				End Semester		Total	Credit
			L	T	P	CT	TA	Total	PS	TE	PE		
1		HSMC-2#/HSMC-1#	3	0	0	30	20	50		100		150	3
2		Open Elective-III	3	0	0	30	20	50		100		150	3
3		Open Elective-IV	3	0	0	30	20	50		100		150	3
4		Project	0	0	18				100		300	400	9

