FIRST YEAR

SEMESTER I								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	MTH151	Mathematics-I	Core	3	1	0	4	4
2	CSE101	Introduction to Programming	Core	3	0	0	3	3
3	IKS101	Introduction to IKS	Minor	4	0	0	4	4
4	ENG103	Academic and Professional Writing: An Introduction	MDC	3	0	0	3	3
5	AEC101	Communicative English-I	AEC	2	1	0	3	3
6	VAC101	Environmental Education-I	VAC	2	0	0	2	2
7	CSE103	Introduction to Programming Lab	Core	0	0	2	2	1
8	SEC	AI for ALL	SEC	2	0	0	2	2
9	CLL151	Soft Skill and Aptitude I	CLL	2	0	0	0	2
Total				**16**	**2**	**4**	**22**	**24**

SEMESTER II								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	MTH152	Mathematics-II	Core	3	1	0	4	4
2	CSE105	Programming and Logic Design	Core	3	0	0	3	3
3	CSE106	Full Stack Development	Minor	3	0	0	3	3
4	ENG109	Editing and Publishing: An Introduction	MDC	2	0	1	3	3
5	AEC102	Communicative English-II	AEC	2	1	0	3	3
6	VAC105	Community Engagement and Social Responsibility	VAC	1	0	1	2	2
7	SEC151	Basics of Data Analytics	SEC	0	0	2	2	2
8	CSE107	Programming and Logic Design Lab	Core	0	0	2	2	1
9	CSE108	Full Stack Development Lab	Minor	0	0	2	2	1
10	CLL152	Soft Skill and Aptitude II	CLL	2	0	0	2	2
Total				**18**	**2**	**4**	**24**	**24**

1st Year Credits = 48

SECOND YEAR

SEMESTER III								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE201	Data Structures and Algorithms	Core	3	0	0	3	3
2	CSE202	Digital Electronics	Core	3	0	0	3	3
3	CSE203	Business Intelligence	Minor	3	0	0	3	3
4	MGT211	Creativity and Innovation	MDC	3	0	0	3	3
5	LWJ11024	Cyber Law(IT)	MDC	3	0	0	3	
6	AEC106	Professional Communication Skills	AEC	2	0	0	2	2
7	VAC102	Human Values and Ethics	VAC	2	0	0	2	2
8	SEC168	Website Development	SEC	2	0	0	2	2
9	CSE204	Data Structures and Algorithms Lab	Core	0	0	2	2	1
10	CSE205	Digital Electronics Lab	Core	0	0	2	2	1
11	CSE206	Business Intelligence Lab	Minor	0	0	2	2	1
Total				**18**	**0**	**6**	**24**	**21**

SEMESTER IV								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE209	Design of Logic Circuits	Core	3	0	0	3	3
2	CSE210	Python Programming	Core	3	0	0	3	3
3	CSE211	Computer Organization	Core	3	1	0	4	4
4	TBD	TBD	Minor	3	0	0	3	3
5	TBD	TBD	SEC	2	0	0	2	2
6	TBD	TBD	AEC	2	0	0	2	2
7	CSE224	Design of Logic Circuits Lab	Core	0	0	2	2	1
8	CSE214	Python Programming Lab	Core	0	0	2	2	1
9	TBD	TBD	Minor	0	0	2	2	1
Total				**16**	**1**	**6**	**23**	**20**

2nd Year Credits : 41

THIRD YEAR

SEMESTER V								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE301	Object Oriented Programming with Java	Core	3	0	0	3	3
2	CSE302	Computer Architecture	Core	3	0	0	3	3
3	CSE303	Database Management System	Core	3	0	0	3	3
4	CSE304	Introduction to Data Science	Minor	3	1	0	4	4
5	TBD	(SEC) TBD	SEC	2	0	0	2	2
6	CSE305	Industrial Internship	Internship	0	0	0	4	4
7	CSE306	Object Oriented Programming with Java Lab	Core	0	0	2	2	1
8	CSE307	Computer Architecture Lab	Core	0	0	2	2	1
9	CSE308	Database Management System Lab	Core	0	0	2	2	1
Total				**12**	**1**	**8**	**25**	**22**

SEMESTER VI								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE309	Computer Network	Core	3	0	0	3	3
2	CSE310	Design and Analysis of Algorithms	Core	3	0	0	3	3
3	CSE311	Operating System	Core	3	0	0	3	3
4	CSE312	Cloud Architecture and Deployment	Minor	3	1	0	4	4
5	TBD	TBD	SEC	2	0	0	2	2
6	CSE313	Project	Project	0	0	0	4	4
7	CSE314	Computer Network Lab	Core	0	0	2	2	1
8	CSE315	Design and Analysis of Algorithms Lab	Core	0	0	2	2	1
9	CSE316	Operating System Lab	Core	0	0	2	2	1
Total				**14**	**1**	**6**	**25**	**22**

3rd Year Credits: 44

SEMESTER VII								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE401	Introduction to Cloud Computing	Core	3	0	0	3	3
2	CSE402	Web Designing	Core	3	0	0	3	3
3	CSE403	Software Engineering	Core	3	0	0	3	3
4	CSE404	E-commerce and Its Applications	Core	3	1	0	4	4
5	CSE405	Introduction To Language Models	Minor	3	1	0	4	4
6	CSE406	Introduction to Cloud Computing Lab	Core	0	0	2	2	1
7	CSE407	Web Designing Lab	Core	0	0	2	2	1
8	CSE408	Software Engineering Lab	Core	0	0	2	2	1
Total				**15**	**2**	**6**	**23**	**20**

SEMESTER VIII								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE409	Cryptography and Cyber Security	Core	3	0	0	3	3
2	CSE410	Mobile Application Development	Core	3	0	0	3	3
3	CSE411	Artificial Intelligence and Machine Learning	Core	3	0	0	3	3
4	CSE412 (a)	Introduction To AR/VR	Minor	0	0	0	4	4
5	CSE413 (b)	TBD	Minor	0	0	0	4	4
6	CSE414	Cryptography and Cyber Security Lab	Core	0	0	2	1	1
7	CSE415	Mobile Application Development Lab	Core	0	0	2	1	1
8	CSE416	Artificial Intelligence and Machine Learning Lab	Core	0	0	2	1	1
Total				**9**	**0**	**6**	**23**	**20**

With research

SEMESTER VII								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE401	Introduction to Cloud Computing	Core	3	0	0	3	3
2	CSE402	Web Designing	Core	3	0	0	3	3
3	CSE403	Software Engineering	Core	3	0	0	3	3
4	CSE417	Research Methodology	Core	3	1	0	4	4
5	CSE405	Introduction To Language Models	Minor	3	1	0	4	4
6	CSE406	Introduction to Cloud Computing Lab	Core	0	0	2	2	1
7	CSE407	Web Designing Lab	Core	0	0	2	2	1
8	CSE408	Software Engineering Lab	Core	0	0	2	2	1
Total				**15**	**2**	**6**	**23**	**20**

SEMESTER VIII								
S.No.	**Course Code**	**Course Title**	**Type**	**L**	**T**	**P**	**H**	**C**
1	CSE409	Cryptography and Cyber Security	Core	3	0	0	3	3
2	**CSE412 (a)**	**Introduction To AR/VR**	Minor	0	0	0	4	4
3	**CSE413 (b)**	**TBD**	Minor	0	0	0	4	4
4	CSE414	Cryptography and Cyber Security Lab	Core	0	0	2	1	1
5	CSE419	Dissertation	Dissertation					12
Total				**9**	**0**	**6**	**23**	**20**

4th Year Credits: 40