

Semester - 01					Total Credits: 18			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	ENG101	Linear Algebra & Differential Calculus	SF	3	2	2	0	4
2	ENG103	Introduction to Physical Sciences	SF	3	3	0	0	3
3	ENG108	Basic Electronics and Electrical Engineering	SF	3	2	0	2	4
4	ENG104	Engineering Design I	CC	3	1	1	2	4
5	CSC101	Programming in 'C'	SF	3	2	0	2	4
6	GEX126	Composition and Rhetoric	GE	3	3	0	0	3
7	ENG001/ ENG003	*Bridge course in Mathematics / Biology		0	-	-	-	0

Semester - 02					Total Credits: 21			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	ENG107	Mechanics	SF	3	3	0	0	3
2	ENG106	Computer Aided Engineering Graphics	SF	3	3	0	0	3
3	ENG102	Differential Equations & Integral Calculus	SF	3	2	0	2	4
4	GIN107	Environmental Studies	GE	3	3	0	0	3
5	GID110	Writing-1	GE	3	3	0	0	3
6	ENG105	Engineering Design II	CC	3	1	0	4	5
7	CSC247	Object Oriented Programming	SF	3	2	0	2	4

Semester - 03					Total Credits: 15			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	ENG205	Analog & Digital Electronics	DE	3	2	0	2	4
2	CSC232	Data Structure	CC	3	2	0	2	4
3	GIN122	Engineering Economics	GE	2	2	0	0	2

4	ENG201	Higher Engineering Mathematics I	SF	3	2	2	0	4
5	GID147	Computer Organization and Architecture	GE	1	1	0	0	1
6	CSC251	DBMS-SQL	CC	3	2	0	2	4

Semester - 04					Total Credits: 12			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	CSC354	DBMS-NoSQL	DE	3	2	0	2	4
2	ENG207	DISCRETE MATHEMATICS	DE	3	2	2	0	4
3	GEX207	FOREIGN LANGUAGE JAPANESE	GE	2	2	0	0	2
4	CSC250	INTRODUCTION TO JAVA	CC	3	2	0	2	4
5	CSC244	OPERATING SYSTEM	CC	3	3	0	0	3
6	GID256	Engineering Project Management Scope Time and Cost Management	GE	1	1	0	0	1
	GEX249	Innovation and Creativity Management			1	0	0	
	GID255	Writing Skills for Engineering Leaders			1	0	0	

Semester - 05					Total Credits: 15			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	CSC342	Computer Networking	CC	3	2	0	2	4
2		Data Mining & Machine Learning	DE	3	3	0	0	3
3	CSC333	Introduction To Python Programming	DE	3	2	0	2	4
4	CSC332	Software Engineering & Design	CC	3	3	0	0	3

5	GID146	Management Information System	GE	2	2	0	0	2
6	GE	MOOC	GE	1	1	0	0	1

Semester - 06					Total Credits: 15			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	CSC346	Design & Analysis of Algorithm	CC	3	3	0	0	3
2	MTE301	Microprocessor and Microcontroller	DE	3	2	0	2	4
3	CSC347	Introduction to Analytics with R	DE	3	2	0	2	4
4	CSC352	Soft Computing Techniques	DE	3	2	0	2	4
5	GLO120	QUANTITATIVE APTITUDE	GE	2	2	0	0	2
6	GIN171	ENTREPRENEURSHIP & INNOVATION	GE	1	1	0	0	1

Semester - 07					Total Credits: 15			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total
1	CSC419	Artificial Intelligence	DE	3	2	0	2	4
2	CSC420	Introduction To Internet Of Things	DE	3	2	0	2	4
3	ENG401	Project I	CC	5	0	0	10	5
4	ENG402	Industrial Internship	CC	1	0	0	2	1
5	CSC421	Elective: 1) INTRODUCTION TO CLOUD COMPUTING	FE	3	2	0	2	4
6	MTE307	Elective: 2) DIGITAL IMAGE PROCESSING			2	0	2	

Semester - 08					Total Credits: 16			
S. No	Course Code	Course Title	Course Type	Credits	Weekly Contact Hours			
					Cl	Tu	Pr	Total

1	CSC422	Deep Learning	DE	3	3	0	0	3
2	ENG405	Project-II	CC	10	0	0	20	10
3	CSC423	Elective: 1) Natural Language Processing	FE	3	3	0	0	3
4	MTE408	Elective: 2) Robotics and Intelligent Systems	FE		3	0	0	