

B.E 2nd year First Semester

Sr.No.	Course Code	Course	L	T	P	Total	Credits
1	PY201/ PY201H	Physics II	4	0	0	4	4
2	ENN 207	Digital Electronics and Design	4	0	0	4	4
3	IT 210/ IT 210H	Data Structures	4	0	0	4	4
4	IT 211/ IT 211H	Computer Architecture & Organization	4	0	0	4	4
5	IT 212	Design and Analysis of Algorithms	4	0	0	4	4
6	PY202	Physics Lab	0	0	3	3	2
7	ENN203	Signals and Systems	4	0	0	4	4
Total			24	0	3	27	26

B.E 2nd year Second Semester

Sr.No.	Course Code	Course	L	T	P	Total	Credits
1	MA 203/ MA 203H	Math-III	4	0	0	4	4
2	CH201/ CH201H	Chemistry I	4	0	0	4	4
3	IT 213 IT 213H	Object Oriented Programming	4	0	0	4	4
4	IT 214/ IT214H	Microprocessors & its applications	4	0	0	4	4
5	IT 215/ IT215H	Operating System	4	0	0	4	4
6	IT 216/ IT216H	Computer Network	4	0	0	4	4
7	CH202	Chemistry Lab	0	0	3	3	2
8	IT 217	Department Lab-I	0	0	3	3	2
Total			24	0	6	30	28

B.E 3rd year First Semester

Sr.No.	Course Code	Course	L	T	P	Total	Credits
1		Humanities- II	3	0	0	3	3
2		Elect-I/Math IV	4	0	0	4	4
3	IT 330/ IT 330H	Data base management system	4	0	0	4	4
4	IT 331/ IT331H	System Software	4	0	0	4	4
5	IT 332 IT 332H	Visual Programming	4	0	0	4	4
6	IT 333/ IT333H	Software Engineering	4	0	0	4	4
7	IT 350	Deptt. Lab-II	0	0	3	3	2
8	IT 351	Department Lab-III	0	0	3	3	2
Total			23	0	6	29	27

*Humanities- II

HU301/ HU301H: Management concepts & practices

HU302/ HU302H: Entrepreneurship

B.E 3rd year Second Semester

Sr.No.	Course Code	Course	L	T	P	Credits
1	IT 397	Industrial Training	-	-	-	24

B.E 4th year First Semester

Sr.No.	Course Code	Course	L	T	P	Total	Credits
1		Open Elective-I	4	0	0	4	4
2		Elect-II	4	0	0	4	4
3	IT 437/ IT437H	Information System Security	4	0	0	4	4
4	IT 421/ IT421H	Computer Graphics and Animation	4	0	0	4	4
5	IT 450	Department Lab-IV	0	0	3	3	2
6	IT 451	Department Lab-V	0	0	3	3	2
7	IT 454	Capstone Project-I	0	0	8	8	4
Total			16	0	14	30	24

B.E 4th year Second Semester

Sr.No.	Course Code	Course	L	T	P	Total	Credits
1		Elective-III	4	0	0	4	4
2		Humanities –III	4	0	0	4	4
3	IT 438/ IT 438H	Multimedia System	4	0	0	4	4
4	IT 439/ IT 439H	Web technology & Administration	4	0	0	4	4
5	IT 452	Department Lab-VI	0	0	3	3	2
6	IT 453	Department Lab-VII	0	0	3	3	2
7	IT 455	Capstone Project-II	0	0	8	8	4
Total			16	0	14	30	24

*Humanities –III

HU404/ HU404H: Corporate finance

HU402/ HU402H: Business environment & industrial legislation

Design points

Sr.No	Course Code	Course Name	Design points
1	IT 210	Data structures	2
2	IT 211	Computer Architecture & Organization	2
3	IT 213	Object oriented programming	2
4	IT 214	Microprocessor & its Applications	2
5	IT 215	Operating System	2
6	IT 216	Computer Network	2
7	IT 330	Database management system	2
8	IT 331	System Software	2
9	IT 332	Visual Programming	2
10	IT 333	Software Engineering	2
11	IT 420	Information system security	2
12	IT 437	Computer graphics & Animation	2
13	IT 438	Multimedia System	2
14	IT 439	Web technology & administration	2
15		Department Lab I to VII	14
		Total	42

Honors Courses

Sr.No	Course Code	Course Name
1	IT 210	Data structures
2	IT 211	Computer Architecture & Organization
3	IT 213	Object oriented programming
4	IT 214	Microprocessor & its Applications
5	IT 215	Operating System
6	IT 216	Computer Network
7	IT 330	Database management system
8	IT 331	System Software
9	IT 332	Visual Programming
10	IT 333	Software Engineering
11	IT 420	Information system security
12	IT 437	Computer graphics & Animation
13	IT 438	Multimedia System
14	IT 439	Web technology & administration

Elective-I

Sr.No	Course ID	Course Name
1	IT 334	Data Warehousing And Mining
2	IT 335	Distributed operating system
3	IT 336	Advanced algorithms,
4	IT 337	Management Information system
5	IT 338	Simulation & Modeling

Elective-II and Elective-III

Sr.No	Course Id	Course Name
1	IT 426	Software quality assurance
2	IT 427	Windows Programming
3	IT 428	Advanced database system
4	IT 429	UNIX Networking Programming
5	IT 430	wireless communication and mobile computing
6	IT 431	Advanced computer networks
7	IT 432	E-Commerce
8	IT 433	Enterprise Resource Planning
9	IT 434	Artificial Intelligence
10	IT 435	Web site design
11	IT 436	Advanced internet technologies

Open Electives:

- 1) **Web technology and administration** **IT 439**
- 2) **Database management system** **IT 330**

Engineering core

- 1) **ENN 1** **ENN 207 Digital Electronics and Design**
- 2) **ENN2** **ENN 203 Signals and System**