

SCHEME OF INSTRUCTION AND EVALUATION I - VIII SEMESTER OF B.TECH. DEGREE PROGRAMME

First Year Engineering

First Semester								
Code	Course Name	Theory				Practical		
		Hours/week L/T	Credit Theory	University marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
BS	Applied Mathematics-I	3-1	4	100	50	-	-	-
BS	Applied Chemistry/Applied Physics	3-0	3	100	50	2	1	50
ES	Electrical & Electronics Engg.	3-0	3	100	50	2	1	50
ES	Basics of Mechanical Engg	3-0	3	100	50	2	1	50
HS	Communication Skill	3-0	3	100	50	2	1	50
ES	Computer Lab					4	2	100
ES	Engineering Workshop	-	-	-	-	6	3	100
Total		16	16	500	300	18	9	400
Total Marks: 1200								
Total Credits: 25								

Second Semester								
Code	Course Name	Theory				Practical		
		Hours/week L/T	Credit Theory	University marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
BS	Applied Physics/Applied Chemistry	3-0	3	100	50	2	1	50
ES	Basics of Civil Engg.	3-0	3	100	50	2	1	50
MC & GS	Environmental Studies & Health Care Engg.	3-1	4	100	50			
GS	Nano Science & Technology	3-1	4	100	50	-	-	-
HS	Business communication & Presentation Skills	3-0	3	100	50	2	1	50
ES	Computer Lab					4	2	100
ES	Engineering Graphics lab.	2-0	1	-	50	4	2	100
MC	NSS/NCC	-	-	-	-			
Total		17	18	500	300	14	7	350
Total Marks: 1200								
Total Credits: 25								

Second Year Engineering

Third Semester								
Theory						Practical		
Code	Course Name	Hours/week L/T	Credit Theory	University Marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		4-1	4	100	50			
HS& MC		4-1	4	100	50			
Total		22	20	600	300	8	4	200
Total Marks: 1100								
Total Credits: 24								
For Honours and Minor Specialization		4	4	100	50			

Fourth Semester								
Theory						Practical		
Code	Course Name	Hours/week L/T	Credit Theory	University Marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
HS	Applied Mathematics-II	3-1	4	100	50			
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
	*Skill Project and Hands on					8	4	150
Total		16	16	500	250	16	8	350
Total Marks: 1100								
Total Credits: 24								
For Honours and Minor Specialization		4	4	100	50			

- *College should conduct at least one NSDC program under this category.

Third Year Engineering

Fifth Semester								
		Theory				Practical		
Code	Course Name	Hours/week L/T	Credit Theory	University Marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PE		3-1	4	100	50			
OE		3-1	4	100	50			
PC	Advance Lab-I					8	4	100
Total		17	17	500	250	14	7	250
Total Marks: 1000								
Total Credits: 24								
For Honours and Minor Specialization		4	4	100	50			

Sixth Semester								
		Theory				Practical		
Code	Course Name	Hours/week L/T	Credit Theory	University Marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
PC		3-0	3	100	50	2	1	50
PC		3-0	3	100	50	2	1	50
PE		3-1	4	100	50			
PE		3-1	4	100	50			
^SE		3-1	4	100	50			
	Projects on Internet of Things					8	4	150
Total		18	18	500	250	12	6	250
Total Marks: 1000								
Total Credits: 24								
For Honours and Minor Specialization		4	4	100	50			

^ Supervise Elective (SE) to taken up by the student by his/her choice of any topic which will be provided by the University/College. Only one faculty will be assigned to act as guide. The examination shall be conducted by a panel of three examiners out of which one shall be nominated by the University. There will be no common examination by the University.

Final Year Engineering

Seventh Semester								
	Theory					Practical		
Code	Course Name	Hours/week L/T	Credit Theory	University Marks	Internal Evaluation	Hours/week L/T	Credit Practical	Marks
PC	Soft Computing	3-0	3	100	50	2	1	50
PE		3-1	4	100	50			
PE		3-1	4	100	50			
OE		3-1	4	100	50			
PC	Advance Lab-II/ Project					8	4	150
OE	Industrial Lecture #					3	2	50
HS	Preparing for Interview #	1-0	1		50	3	2	100
Total		16	16	400	250	16	9	350
Total Marks: 1000								
Total Credits: 24								
For Honours and Minor Specialization		4	4	100	50			

To be conducted by Training & Placement Department of the College.

Eighth Semester						
	Training cum Project				Evaluation Scheme	
Code	Course Name	Hours/week L/T	Credit Theory	Total Marks		Marks
	Industrial Training cum Project/ Entrepreneurship Training cum Project	30	20	1000	Evaluation by the Industry	750
					Evaluation by the Institute (Report & Institute Viva)	250
Total		30	20	1000		1000
Total Marks:1000						
Total Credits:20						

Note- Minimum Pass Mark from Industry Evaluation is 450 (i.e. 60%).

Internal Evaluation Scheme

Assignment	05
Surprise Test	05
Quiz	10
Class Test I & II	30
Total	50
Class Test Time(Hrs.): 1	

Pass Mark in Internal is 50% of total marks i.e. 25

External Evaluation Scheme

University Semester Examination of 3 Hours duration.

Pass mark will be 35% which means students have to score 35 out of 100.

Practical/Sessional Evaluation Scheme

Pass mark will be 50% which means students have to score 25 out of 50.

Evaluation Scheme

Daily Performance -10
Lab Record - 10
Lab Quiz - 05
Final Experiments & Viva – 25

Total=50