

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Four Years B.E. Course

Scheme of Examination B.E. First year (All Branches of Engineering)

First Semester

Sub Code	Subjects	Workload in hrs			Credits	Marks					Minimum Passing Marks	
		L	T/A	P		Theory		Practical		Total	Theory	Practical
						Internal	Uni	Internal	Uni			
BSE1-1T	Mathematics-I	3	1	-	4	30	70	-	-	100	45	-
BSE1-2T	Applied Physics	3	2	-	4	30	70	-	-	100	45	-
BSE1-3T	Energy and Environment	2	2	-	3	30	70	-	-	100	45	-
BSE1-4T	Communication Skills	2	-	-	2	15	35	-	-	50	23	-
BSE1-5T	Engineering Graphics	1	-	-	1	15	35	-	-	50	23	-
BSE1-6T	Basics of Civil & Mechanical Engineering	4			Audit	50	-	-		Audit	-	-
BSE1-2P	Applied Physics Lab	-	-	3	1.5			25	25	50	-	25
BSE1-3P	Energy and Environment Lab	-	-	2	1			25	25	50	-	25
BSE1-4P	Communication Skills Lab	-	-	2	1			25	25	50	-	25
BSE1-5P	Engineering Graphics Lab	-	-	4	2			25	25	50	-	25
Three weeks Induction Program												
Total		15	11		19.5	120*	280	100	100	600		

- L- Lecture , P-Practical, T- Tutorial , A- Activity (Half Credit per Hour)

Scheme of Examination B.E. First year (All Branches of Engineering)

Second Semester

Sub Code	Subjects	Workload in hrs			Credits	Marks					Minimum Passing Marks		
		L	T/A	P		Theory		Practical		Total	Theory	Practical	
						Internal	Uni	Internal	Uni				
BSE2-1T	Mathematics-II	3	1	-	4	30	70	-	-	100	45	-	
BSE2-2T	Advanced Engineering Materials	2	2	-	3	30	70	-	-	100	45	-	
BSE2-3T	Applied Chemistry	3	2	-	4	30	70	-	-	100	45	-	
BSE2-4T	Computational Skills	2	-	-	2	15	35	-	-	50	23	-	
BSE2-6T	Basics of Electrical Engineering	2	-	-	2	15	35	-	-	50	23	-	
BSE2-7T	Engineering Mechanics	2	-	-	2	15	35	-	-	50	23	-	
BSE2-8T	Indian Culture & Constitution	2	-	-	Audit	50	-	-	-	Audit	-	-	
BSE1-5P	Workshop Practices	-	-	4	2	-	-	50	50	100	-	50	
BSE2-2P	Advanced Engineering Materials	-	-	2	1	-	-	25	25	50	-	25	
BSE2-3P	Applied Chemistry			3	1.5	-	-	25	25	50	-	25	
BSE2-4P	Computational Skills			2	1	-	-	25	25	50	-	25	
Three weeks Induction Program													
Total		16	5	11	22.5	135*	315	125	125	700			

- L- Lecture , P-Practical, T- Tutorial, A- Activity (Half Credit per Hour)

* Audit course marks are not counted in total marks

Guidelines

- Energy and Environment shall be taught by faculty of Chemistry and will come under board of Applied Science and Humanities (only by Chemistry Dept)
- Advance Engineering Materials shall be taught by faculty of Physics and will come under board of Applied Science and Humanities (only by Physics Dept)