

**STUDY & EVALUATION SCHEME**  
**B. TECH. (MECHANICAL ENGINEERING)**  
(w.e.f. session 2021-22)

Year - 2<sup>nd</sup>Semester – 4<sup>th</sup>

Sl. No	Course Category	Subject Code	Name of the Subject	Periods				Evaluation Scheme				Subject Total
								Sessional (CA)			End Sem. Exam. (ESE)	
				L	T	P	C	CT	TA	Total		
1.	DE		Elective-1 *	03	01	-	04	40	20	60	40	100
2.	DC	ME207	Kinematics of Machines	03	01	-	04	40	20	60	40	100
3.	DC	ME208	Manufacturing Science – I	03	01	-	04	40	20	60	40	100
4.	DC	ME209	Measurements, Metrology and Control	03	01	-	04	40	20	60	40	100
5.	ESA	EC217	System & Automatic Control	03	01	-	04	40	20	60	40	100
6.	HM/ ESA	ES202/ CS203	Disaster Management/ Cyber Law And Information Security	02	01	-	03	40	20	60	40	100
7.	DC	ME210	Manufacturing Science - I Lab	-	-	02	01	40	20	60	40	100
8.	DC	ME211	Measurements, Metrology and Control Lab	-	-	02	01	40	20	60	40	100
9.	DC	ME212	Machine Drawing - II Lab	-	-	02	01	40	20	60	40	100
10.	ESA	EC218	System & Automatic Control Lab	-	-	02	01	40	20	60	40	100
11	HM	BM226	**Human values & Professional Ethics	03	-	-	00	-	-	-	50	50
12	DC	ME252	Comprehensive Annual Assessment-1				01		100	100		100
			<b>Total</b>	<b>17</b>	<b>06</b>	<b>08</b>	<b>28</b>	<b>400</b>	<b>300</b>	<b>700</b>	<b>400</b>	<b>1100</b>

**\* Elective-1**

- a. CS227 Introduction to Soft Computing
- b. ME213 Polymer Science & Technology
- c. EC219 Laser Systems and Applications
- d. EE223 Electric Machines

\*\* Audit Course (BM226) : This is compulsory audit course in which a student must pass this paper with 50% passing marks up to the final year and marks will not be included in result.

**L** – Lecture      **T** – Tutorial      **P** – Practical      **C** – Credits      **CT** – Class Test      **TA** – Teacher Assessment

**Sessional Total (CA)** = Class Test + Teacher Assessment

**Subject Total** = Sessional Total (CA) + End Semester Examination (ESE)

**BS** – Basic Sciences  
**HM** – Humanities  
**DE** – Departmental Elective

**DC** – Departmental Core  
**OE** – Open Elective  
**ESA** – Engineering Sciences & Arts (Foundation Course & Engineering Courses)