

W. B. S. C. T. E.

Teaching & Examination scheme for diploma in Engg. Courses.

Course Name : Full Time Diploma in **Mechanical Engg.(Production)**

Duration of Course 6 Semesters

Semester : **Third**Branch: **Mechanical Engineering(Production)**

Sl. No	Subject	Credits	Periods			Evaluation Scheme						
			L	TU	PR	Internal Scheme			ESE	PR		TOTAL MARKS
						TA	CT	Total		INT	EXT	
1.	Fundamentals of Electronics	4	3	-	2	10	20	30	70	25	25	150
2.	Digital Logic Design	5	3	-	3	10	20	30	70	25	25	150
3.	Engg. Materials	4	4	-	-	10	20	30	70	-	-	100
4.	Adv. Strength of Materials	5	3	-	3	5	10	15	35	25	25	100
5.	Machine Tools	4	3	-	2	10	20	30	70	50	50	200
6.	Engineering Graphics	2	-	-	3	-	-	-	-	50	50	100
7.	Professional Practice I	1	-	-	2	-	-	-	-	25	25	50
TOTAL		25	16		15	45	90	135	315	200	200	850

Student Contact hours per Week : 31 Hrs.

Theory and Practical Period of 60 Minutes each.

L- Lecture, TU- Tutorials, PR-Practical. INT-internal Assessment, TA- Teacher's Assessment, CT- Class Test, ESE- End Semester Examination.

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Teaching & Examination scheme for diploma in Engg. Courses.

Course Name : Full Time Diploma in **Mechanical Engg.(Production)**

Duration of Course 6 Semesters

Semester : **Fourth**Branch: **Mechanical Engineering(Production)**

Sl. No	Subject	Credits	Periods			Evaluation Scheme						
			L	T U	PR	Internal Scheme			ESE	PR		TOTAL MARKS
						TA	CT	Total		INT	EXT	
1.	Development of Life Skill-II	2	1	-	2	-	-	-	-	25	25	50
2.	Computer Programming	2	1	-	2	-	-	-	-	25	25	50
3.	Fluid Mechanics & Hydraulic Machines	5	4	-	2	10	20	30	70	50	50	200
4.	Engineering Thermodynamics	5	3	-	3	10	20	30	70	50	50	200
5.	Casting & Forming Processes	4	3	-	2	10	20	30	70	25	25	150
6.	Theory of Machines & Mechanisms	4	3	-	2	10	20	30	70	25	25	150
7.	Professional Practice-II	2	-	-	3	-	-	-	-	25	25	50
TOTAL		24	15	-	16	40	80	120	280	225	225	850

Student Contact hours per Week : 31 Hrs.

Theory and Practical Period of 60 Minutes each.

L- Lecture, TU- Tutorials, PR-Practical. INT-internal Assessment, TA- Teacher's Assessment, CT- Class Test, ESE- End Semester Examination.

Curricular Structure for Part II (2nd yr) of the Full time Diploma course in Engg. & Technology.

W. B. S. C. T. E.

Teaching & Examination scheme for diploma in Engg. Courses.

Course Name : Full Time Diploma in **Mechanical Engg.(Production)**

Duration of Course 6 Semesters

Semester : **Fifth**

Branch: **Mechanical Engineering(Production)**

Sl. No	Subject	Credit	Periods			Evaluation Scheme						
			L	TU	PR	Internal Scheme			ESE	PR		TOTAL MARKS
						TA	CT	Total		INT	EXT	
1.	Welding Technology	4	3	-	2	10	20	30	70	25	25	150
2.	Engg. Metrology	3	2	-	2	5	10	15	35	25	25	100
3.	Automation &CNC Machines	3	2	-	2	10	20	30	70	25	25	150
4.	Thermal Power	4	3	-	2	10	20	30	70	50	50	200
5.	Elective I- Power Plant Engg(Same as Mech. Engg.)	3	2	-	2	5	10	15	35	25	25	100
6.	Modern Machining Processes	4	3	-	2	10	20	30	70	25	25	150
7.	Project & Entrepreneurship	2	1	-	2	-	-	-	-	25	25	50
8.	Professional Practice III	2	-	-	4	-	-	-	-	25	25	50
TOTAL		25	16	-	18	50	100	150	350	225	225	950

Student Contact hours per Week: 34 Hrs.

Theory and Practical Period of 60 Minutes each.

L- Lecture, TU- Tutorials, PR-Practical. INT-internal Assessment, TA- Teacher's Assessment, CT- Class Test, ESE- End Semester Examination.

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Teaching & Examination scheme for diploma in Engg. Courses.

Course Name : Full Time Diploma in **Mechanical Engg.(Production)**

Duration of Course 6 Semesters

Semester : **Sixth**Branch: **Mechanical Engineering(Production)**

Sl. No	Subject	Credit	Periods			Evaluation Scheme						
			L	TU	PR	Internal Scheme			ESE	PR		TOTAL MARKS
						TA	CT	Total		INT	EXT	
1.	Industrial Management	4	4	-	-	10	20	30	70	-	-	100
2.	Production Management	3	3	-	-	5	10	15	35	-	-	50
3.	Design of M/C Elements	4	3	-	2	10	20	30	70	25	25	150
4.	Elective-II (Material Handling)	4	3	-	2	5	10	15	35	25	25	100
5.	Tool Engineering	4	4	-	-	10	20	30	70	-	-	100
6.	Project	3	-	-	5	-	-	-	-	50	50	100
7.	Professional Practice-IV	2	-	-	3	-	-	-	-	25	25	50
8.	Viva Voice	2	-	-	3	-	-	-	-	-	100	100
TOTAL		26	17	-	15	40	80	120	280	175	175	750

Student Contact hours per Week : 33 Hrs.

Theory and Practical Period of 60 Minutes each.

L- Lecture, TU- Tutorials, PR-Practical. INT-internal Assessment, TA- Teacher's Assessment, CT- Class Test, ESE- End Semester Examination. Viva Voice – External Assessor/ Assessment by all Departmental Lecturers for General Viva.