

BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-02 MECHANICAL ENGG

Sr. No.	E/C	SUBJ. CODE	SUBJECT NAME	SUBJECT HEADS			EXAMINATION SCHEME				
				TH	PR	TW	MAX TH	MAX TEST	MAX PR	MAX TW	TOTAL
SEMESTER I											
1	C	GN102	ENGG MATHS - I	1	0	0	75	25	0	0	100
2	C	GN103	APPLIED PHYSICS - I	1	0	1	75	25	0	50	150
3	C	GN105	COMP. FUND. & APP.	0	1	1	0	0	50	50	100
4	C	GN106	BASIC ENGG SKILLS	0	1	1	0	0	50	100	150
5	C	GN203	ENVIRONMENTAL STUDIES	1	0	0	75	25	0	0	100
SEMESTER II											
1	C	GN101	COMM SKILLS	0	1	1	0	0	50	50	100
2	C	GN104	APPLIED CHEMISTRY	1	0	1	75	25	0	50	150
3	C	GN201	ENGG MATHS - II	1	0	0	75	25	0	0	100
4	C	GN202	APPLIED PHYSICS - II	1	0	1	75	25	0	50	150
5	C	GN204	ENGG. DRAWING	0	1	1	0	0	50	50	100
6	C	GN205	ENGG. MATERIALS	1	0	0	75	25	0	0	100
SEMESTER III											
1	C	CS301	ENGG. MECHANICS	1	0	1	75	25	0	50	150
2	C	CS302	ELEM. OF ELEC. & ELECT. ENGG.	1	0	1	75	25	0	25	125
3	C	CS305	COMPUTER AIDED DRAFTING	0	1	1	0	0	50	50	100
4	C	ME301	MACHINE DRAWING	1	0	1	75	25	0	50	150
5	C	ME302	MANUFACTURING PROCESS I	1	0	1	75	25	0	50	150
6	C	ME303	THERMAL ENGG.	1	0	0	75	25	0	0	100
SEMESTER IV											
1	C	ME401	STRENGTH OF MATERIALS	1	0	1	75	25	0	50	150
2	C	ME402	MANUFACTURING PROCESS II	1	0	1	75	25	0	50	150
3	C	ME403	MECHATRONICS	1	1	1	75	25	25	25	150
4	C	ME404	HYDRAULIC MACHINERY	1	1	1	75	25	25	50	175
5	C	ME405	ENERGY CONVERSION	1	1	1	75	25	25	50	175
6	C	ME406	ENGG. METROLOGY & QUAL. CONTR.	1	0	0	75	25	0	0	100
SEMESTER V											
1	C	CS501	ENTREPRENEURSHIP DEVELOPMENT	0	0	1	0	0	0	50	50
2	C	CS601	INDUS. ORGA. & MANAGEMENT	1	0	0	75	25	0	0	100
3	C	IT501	INDUSTRIAL TRAINING	0	1	1	0	0	30	70	GRADE
4	C	ME501	THEORY OF MACHINES	1	0	1	75	25	0	25	125
5	C	ME502	REFRIG & AIR CONDITIONING	1	1	1	75	25	25	25	150
SEMESTER VI											
1	C	CS602	BUSINESS COMMUNICATION	0	1	1	0	0	50	50	100
2	C	ME601	MACHINE DESIGN PRACTICE	1	1	1	75	25	25	25	150
3	C	ME602	MECHANICAL ENGG. PROJECT	0	1	1	0	0	50	50	100
4	C	ME603	INDUSTRIAL ENGINEERING	1	0	1	75	25	0	25	125
5	E2	ME611	JIGS & FIXTURES DESIGN	1	1	1	75	25	25	25	150
6	E2	ME612	FUNDAMENTALS OF MAT. HANDLING	1	1	1	75	25	25	25	150
7	E2	ME613	CAD & CAM	1	1	1	75	25	25	25	150

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8	E2	ME614	AUTOMOBILE ENGG.	1	1	1	75	25	25	25	150
9	E2	ME615	RENEWABLE ENERGY SOURCES	1	1	1	75	25	25	25	150
10	E2	ME616	WELDING ENGG.	1	1	1	75	25	25	25	150
11	E2	ME617	MODERN MARKETING MANAGEMENT	1	1	1	75	25	25	25	150
12	E2	ME618	SAFETY ENGG.	1	1	1	75	25	25	25	150
13	E2	ME619	MAINTENANCE ENGG.	1	1	1	75	25	25	25	150
14	E2	ME621	MATERIAL HANDLING SYSTEM	1	1	1	75	25	25	25	150
15	E2	ME622	PRESS TOOL DESIGN	1	1	1	75	25	25	25	150
16	E2	ME623	POWER PLANT ENGG.	1	1	1	75	25	25	25	150
17	E2	ME624	MARINE ENGG.	1	1	1	75	25	25	25	150
18	E2	ME625	ENGG. MATHS-III	1	1	1	75	25	25	25	150
19	E2	ME627	FLUID POWER CONTROL	1	1	1	75	25	25	25	150
20	E2	ME628	CNC MACHINES	1	1	1	75	25	25	25	150
21	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY TWO OF E2											