

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-11 AUTOMOBILE 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	AT401	GARAGE EQUIPMENT	1	0	1	75	25	0	25	125
2	C	AT402	AUTO ENGINES I	1	0	1	75	25	0	25	125
3	C	AT403	AUTO CHASSIS I	1	0	1	75	25	0	25	125
4	C	ME401	STRENGTH OF MATERIALS	1	0	1	75	25	0	50	150
5	C	ME402	MANUFACTURING PROCESS II	1	0	1	75	25	0	50	150
6	C	ME404	HYDRAULIC MACHINERY	1	1	1	75	25	25	50	175
SEMESTER V											
1	C	AT501	AUTO TRAINING PHASE-I	0	1	1	0	0	100	100	GRADE
SEMESTER VI											
1	C	AT601	AUTOMOBILE ELECT. & ELX.	1	1	1	75	25	25	25	150
2	C	AT602	AUTO ENGINES II	1	1	1	75	25	25	25	150
3	C	AT603	AUTO CHASSIS II	1	1	1	75	25	25	25	150
4	C	AT604	MODERN AUTOMOTIVE SYST.	1	1	1	75	25	25	25	150
5	C	AT605	ORGANISATIONAL BEHAVIOUR	1	0	1	75	25	0	25	125
6	C	AT606	AUTO WORKSHOP PRACTICE	0	1	1	0	0	50	50	100
SEMESTER VII											
1	C	AT701	GARAGE ORG. & TRANSPORT MAGMT.	1	0	1	75	25	0	25	125
2	C	AT702	ROAD TRANSP. & VEHICLE LAWS	1	0	1	75	25	0	25	125
3	C	AT703	DESIGN OF AUTOMOBILE COMPONENT	1	0	1	75	25	0	25	125
4	C	AT704	AUTOMOBILE PROJECT	0	1	1	0	0	50	50	100
5	C	CS501	ENTREPRENEURSHIP DEVELOPMENT	0	0	1	0	0	0	50	50
6	E2	AT711	AUTOMOBILE SALES	1	1	1	75	25	25	25	150
7	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY ONE OF E2											
SEMESTER VIII											
1	C	AT801	AUTO TRAINING PHASE II	0	1	1	0	0	100	100	GRADE