

CURRICULAR STRUCTURE FOR PART – I FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

Sl. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS	
					INTERNAL		EXTERNAL			
					THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE
1.	AUTO / 1 / T1 / CSS	COMMUNICATION SKILLS (STUDIES)	2 (L) + 1 (T)	—	10	2.5	—	50	50	—
2.	AUTO / 1 / T2 / PHY1	PHYSICS – I	3	—	10	2.5	—	50	50	—
3.	AUTO / 1 / T3 / CHM1	CHEMISTRY – I	2 (L) + 1 (T)	—	10	2.5	—	50	50	—
4.	AUTO / 1 / T4 / MTH1	MATHEMATICS – I	5	—	20	5	30	70	100	—
5.	AUTO / 1 / T5 / EMK	ENGINEERING MECHANICS	4	—	20	5	30	70	100	—
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	Ses.
6.	AUTO / 1 & 2 / S1 / LPHY	PHYSICS LAB – I	—	3	12.5		—		—	—
7.	AUTO / 1 & 2 / S2 / LCHM	CHEMISTRY LAB – I	—	3	12.5		—		—	—
8.	AUTO / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) – I	—	6	50		—		—	—
9.	AUTO / 1 & 2 / S4 / SWP	WORKSHOP PRACTICE – I	—	6	50		—		—	—
TOTAL			16 (L) + 2 (T)	18	—		—		350	—

CURRICULAR STRUCTURE FOR PART – I SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

Sl. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS	
					INTERNAL		EXTERNAL			
					THEORETICAL PAPERS	LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	OBJECTIVE
1.	AUTO / 2 / T1 / BEA	BUSINESS ECONOMICS & ACCOUNTANCY	4	—	20	5	30	70	100	—
2.	AUTO / 2 / T2 / PHY2	PHYSICS – II	2	—	10	2.5	—	50	50	—
3.	AUTO / 2 / T3 / CHM2	CHEMISTRY – II	2	—	10	2.5	—	50	50	—
4.	AUTO / 2 / T4 / MTH2	MATHEMATICS – II	3	—	20	5	30	70	100	—
5.	AUTO / 2 / T5 / CA	COMPUTER APPLICATIONS	3	—	10	2.5	—	50	50	—
6.	AUTO / 2 / T6 / SOM	STRENGTH OF MATERIALS	3	—	20	5	30	70	100	—
7.	AUTO / 2 / T7 / ETK	ELECTRICAL TECHNOLOGY	2	—	10	2.5	—	50	50	—
8.	AUTO / 2 / T8 / ED	ENGINEERING DRAWING (4 HR. EXAM.)	—	—	20	5	30	70	100	—
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		Th.	Ses.
9.	AUTO / 1 & 2 / S1 / LPHY	PHYSICS LAB – II	—	2	12.5		25		—	50
10.	AUTO / 1 & 2 / S2 / LCHM	CHEMISTRY LAB – II	—	2	12.5		25		—	50
11.	AUTO / 1 & 2 / S3 / SED	ENGINEERING DRAWING (S) – II	—	6	50		100		—	200
12.	AUTO / 1 & 2 / S4 / SWP	WORKSHOP PRACTICE – II	—	6	50		100		—	200
13.	AUTO / 2 / S5 / LCA	COMPUTER APPLICATIONS LAB	—	3	50		50		—	100
14.	AUTO / 2 / S6 / LETK	ELECTRICAL TECHNOLOGY LAB	—	2	25		25		—	50
TOTAL			19	21	—		—		600	650

q Each of Part I – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.

q Part I – 1st & 2nd semester consists of 36 & 40 contact periods per week respectively, and, 8 & 4 periods per week respectively are allocated for Student Centred Activities like Library, Guided Studies etc.

q Marks distribution in Part – I : Theoretical – 950, Sessional – 650; Total – 1600.

CURRICULAR STRUCTURE FOR PART – II FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL				
					THEORETICAL PAPERS		LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	
1.	AUTO / 3 / T1 / ENVE	ENVIRONMENTAL ENGINEERING	3	—	20	5	30	70	100	—	7
2.	AUTO / 3 / T2 / C	PROGRAMMING IN C	3	—	20	5	30	70	100	—	9
3.	AUTO / 3 / T3 / BET	BASIC ELECTRONICS	3	—	20	5	30	70	100	—	10
4.	AUTO / 3 / T4 / HPE1	HEAT POWER ENGINEERING - I	4	—	20	5	30	70	100	—	12
5.	AUTO / 3 / T5 / AME1	AUTOMOBILE ENGINE – I	4	—	20	5	30	70	100	—	14
6.	AUTO / 3 / T6 / AMC1	AUTOMOBILE CHASIS – I	4	—	20	5	30	70	100	—	16
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	AUTO / 3 / S1 / LC	PROGRAMMING IN C LAB	—	3	50		50		—	100	17
8.	AUTO / 3 / S2 / LBET	BASIC ELECTRONICS LAB	—	3	50		50		—	100	19
9.	AUTO / 3 & 4 / S3 / AMED	AUTOMOBILE ENGINEERING DRAWING (GROUP – A)	—	4	50		50		—	100	30
10.	AUTO / 3 & 4 / S4 / AMEL	AUTOMOBILE ENGINEERING LABORATORY (GROUP – A)	—	4	50		50		—	100	32
11.	AUTO / 3 & 4 / S5 / AMRS	AUTOMOBILE RECONDITIONING SHOP (GROUP – A)	—	4	50		50		—	100	33
TOTAL			21	18	—		—		600	500	—

CURRICULAR STRUCTURE FOR PART – II SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL				
					THEORETICAL PAPERS		LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE	
1.	AUTO / 4 / T1 / CSJ	COMMUNICATION SKILLS (JOB)	2	—	10	2.5	—	50	50	—	19
2.	AUTO / 4 / T2 / FMH	FLUID MECHANICS & HYDRAULICS	3	—	20	5	30	70	100	—	20
3.	AUTO / 4 / T3 / HPE2	HEAT POWER ENGINEERING - II	4	—	20	5	30	70	100	—	22
4.	AUTO / 4 / T4 / AME2	AUTOMOBILE ENGINE – II	4	—	20	5	30	70	100	—	24
5.	AUTO / 4 / T5 / AMTR	AUTOMOTIVE TRANSMISSION	4	—	20	5	30	70	100	—	26
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
6.	AUTO / 4 / S1 / LCSJ	COMMUNICATION SKILLS (JOB) LAB	—	2	25		25		—	50	28
7.	AUTO / 4 / S2 / LSMH	STRENGTH OF MATERIAL & HYDRAULICS LABORATORY	—	5	50		50		—	100	29
8.	AUTO / 3 & 4 / S3 / AMED	AUTOMOBILE ENGINEERING DRAWING (GROUP – B)	—	5	50		50		—	100	30
9.	AUTO / 3 & 4 / S4 / AMEL	AUTOMOBILE ENGINEERING LABORATORY (GROUP – B)	—	5	50		50		—	100	32
10.	AUTO / 3 & 4 / S5 / AMRS	AUTOMOBILE RECONDITIONING SHOP (GROUP – B)	—	5	50		50		—	100	33
TOTAL			17	22	—		—		450	450	—

- q Each of Part II – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.
- q Each of Part II – 1st & 2nd semester consists of 39 contact periods per week and 5 periods per week are allocated for Student Centred Activities like Library, Guided Studies etc.
- q Marks distribution in Part – II : Theoretical – 1050, Sessional – 950; Total – 2000.

CURRICULAR STRUCTURE FOR PART - III FIRST SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		TH.	SES.	
					LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE			
1.	AUTO / 5 / T1 / IMNT	INDUSTRIAL MANAGEMENT	3	—	20	5	30	70	100	—	37
2.	AUTO / 5 / T2 / MSSM	MAINTENANCE & SERVICE STATION MANAGEMENT	3	—	20	5	30	70	100	—	38
3.	AUTO / 5 / T3 / AMC2	AUTOMOBILE CHASIS – II	4	—	20	5	30	70	100	—	39
4.	AUTO / 5 / T4 / MFPS	MANUFACTURING PROCESS	4	—	20	5	30	70	100	—	41
5.	AUTO / 5 / T5 / TOM	THEORY OF MACHINES	4	—	20	5	30	70	100	—	42
6.	AUTO / 5 / T6 / EME1	EARTH MOVING EQUIPMENT & FARM MACHINERY – I	3	—	20	5	30	70	100	—	43
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
7.	AUTO / 5 / S1 / DEAC	DESIGN, DRAWING & ESTIMATING AUTO COMPONENTS	—	4	50		50		—	100	44
8.	AUTO / 5 & 6 / S2 / ARMS	AUTOMOBILE REPAIR & MAINTENANCE SHOP (GROUP – A)	—	4	50		—		—	—	52
9.	AUTO / 5 & 6 / S3 / AEWS	AUTOMOBILE ENGINEERING WORKSHOP (GROUP – A)	—	6	50		—		—	—	53
10.	AUTO / 5 & 6 / S4 / AEPW	AUTOMOBILE ENGINEERING PROJECT WORK (GROUP – A)	—	4	50		—		—	—	54
TOTAL			21	18	—		—		600	100	—

CURRICULAR STRUCTURE FOR PART - III SECOND SEMESTER OF THE
FULL-TIME DIPLOMA COURSE IN AUTOMOBILE ENGINEERING

SL. No.	SUBJECT CODE	SUBJECT OF STUDY	CONTACT PERIODS / WEEK		EXAMINATION SCHEME				FULL MARKS		PAGE No.
					INTERNAL		EXTERNAL		TH.	SES.	
					LECTURE	SESSIONAL	ASSESSMENT	ATTENDANCE			
1.	AUTO / 6 / T1 / AEET	AUTOMOTIVE ELECTRICALS & ELECTRONICS	4	—	20	5	30	70	100	—	45
2.	AUTO / 6 / T2 / MVTM	MOTOR VEHICLE ACT & TRANSPORT MANAGEMENT	4	—	20	5	30	70	100	—	47
3.	AUTO / 6 / T3 / MATS	MACHINE TOOLS	4	—	20	5	30	70	100	—	49
4.	AUTO / 6 / T4 / EME2	EARTH MOVING EQUIPMENT & FARM MACHINERY – II	3	—	20	5	30	70	100	—	50
SESSIONAL PAPERS			LECTURE	SESSIONAL	INTERNAL		EXTERNAL		TH.	SES.	—
5.	AUTO / 6 / S1 / LAE	AUTOMOTIVE ELECTRICAL LAB	—	4	50		50		—	100	51
6.	AUTO / 5 & 6 / S2 / ARMS	AUTOMOBILE REPAIR & MAINTENANCE SHOP (GROUP – B)	—	4	50		100		—	200	52
7.	AUTO / 5 & 6 / S3 / AEWS	AUTOMOBILE ENGINEERING WORKSHOP (GROUP – B)	—	6	50		100		—	200	53
8.	AUTO / 5 & 6 / S4 / AEPW	AUTOMOBILE ENGINEERING PROJECT WORK (GROUP – B)	—	4	50		100		—	200	55
9.	AUTO / 6 / S5 / SMNR	SEMINAR ON AUTOMOBILE ENGINEERING PROJECT WORK	—	1	25		25		—	50	55
10.	AUTO / 6 / S6 / DRPR	DRIVING PRACTICE	—	5	25		25		—	50	51
11.	AUTO / 6 / S7 / GVV	GENERAL VIVA VOCE	—	—	50		50		—	100	56
TOTAL			15	24	—		—		400	900	—

q Each of Part III – 1st & 2nd semester is of 17 weeks duration of which 15 weeks are scheduled as contact weeks and 2 weeks are scheduled for holding two Centralised Internal Assessments.

q Each of Part III – 1st & 2nd semester consists of 39 contact periods per week and 5 periods per week are allocated for Student Centred Activities like Library, Guided Studies etc.

q Marks distribution in Part – III : Theoretical – 1000, Sessional – 1000; Total – 2000.