

Scheme and identification of subjects

1	KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.													
	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: AUTOMOBILE ENGINEERING							PROGRAMME CODE: AT						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: I							SCHEME: C15						
Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Communication Skills in English	Hu	15CP01E	4			4	4	3	100	35	25	125	45
2	Engineering Maths -I	Sc	15SC01M	4			4	4	3	100	35	25	125	45
3	Automobile Engineering-I	AT	15AT11T	4			4	4	3	100	35	25	125	45
4	Engineering Graphics - I	ME	15ME12D		2	4	6	3	4	100	35	25	125	45
5	Basic Computer Skills Lab	AT	15AT12P		2	4	6	3	3	50	25	25	75	35
6	Automobile Engineering Lab - I	AT	15AT13P		2	4	6	3	3	50	25	25	75	35
			Total	12	6	12	30	21		500	190	150	650	250

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .
 QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

2	KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.													
	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: AUTOMOBILE ENGINEERING							PROGRAMME CODE: AT						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: II							SCHEME: C-15						
Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Engineering Mathematics - II	Sc	15SC02M	4			4	4	3	100	35	25	125	45
2	Applied Science	Sc	15SC03S	4			4	4	3	100	35	25	125	45
3	Automobile Engineering-II	AT	15AT21T	4			4	4	3	100	35	25	125	45
4	Engineering Graphics - II	ME	15ME21D		2	4	6	3	4	100	35	25	125	45
5	Applied Science Lab	Sc	15SC04P		2	4	6	3	3	50	25	25	75	35
6	Automobile Engineering Lab-II	AT	15AT22P		2	4	6	3	3	50	25	25	75	35
			Total	12	6	12	30	21		500	190	150	650	250

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 QP Code- Question Paper code:: TH-Theory Hours :: TU-Tutorial :: PR-Practical

3

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PROGRAMME NAME: AUTOMOBILE ENGINEERING

PROGRAMME CODE: AT

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: III

SCHEME: C-15

Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				T H	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Strength of Materials	ME	15ME31T	4			4	4	3	100	35	25	125	45
2	Heat Power Engineering	AT	15AT31T	4			4	4	3	100	35	25	125	45
3	Mechanical Workshop Technology	ME	15ME05T	4			4	4	3	100	35	25	125	45
4	Automobile Transmission & Control systems	AT	15AT32T	4			4	4	3	100	35	25	125	45
5	Automobile transmission & Control systems Lab	AT	15AT33P		2	4	6	3	3	50	25	25	75	35
6	Mechanical testing & Quality control lab	ME	15ME37P		2	4	6	3	3	50	25	25	75	35
7	Machine shop	ME	15ME46P		2	4	6	3	3	50	25	25	75	35
			Total	16	6	12	34	25	21	550	215	175	725	285

4

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PROGRAMME NAME: AUTOMOBILE ENGINEERING

PROGRAMME CODE: AT

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: IV

SCHEME: C-15

Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Fluid Power Transmission & Control System	AT	15AT41T	4			4	4	3	100	35	25	125	45
2	Mechanics of machines	ME	15ME32T	4			4	4	3	100	35	25	125	45
3	Professional Ethics & IC	ME	15ME44T	4			4	4	3	100	35	25	125	45
4	Automobile Electrical & Electronics systems	AT	15AT42T	4			4	4	3	100	35	25	125	45
5	Computer Aided Assembly Drawing	AT	15AT43D		2	4	6	3	3	50	25	25	75	35
6	Automobile Electrical & Electronics systems Lab	AT	15AT44P		2	4	6	3	3	50	25	25	75	35
7	Mechanical work shop practice	ME	15ME06P		2	4	6	3	3	50	25	25	75	35
			Total	16	6	12	34	25	21	550	215	175	725	285

5

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PROGRAMME NAME: AUTOMOBILE ENGINEERING

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PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: VI

SCHEME: C-15

SL. NO	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	End Exam		I A Marks	Total Marks	Min Marks for passing (including IA marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	TRANSPORT AND INDUSTRIAL MANAGEMENT	AT	15AT51T	4	-	-	4	4	3	100	35	25	125	45
2	ADVANCED AUTOMOTIVE SYSTEMS	AT	15AT52T	4	-	-	4	4	3	100	35	25	125	45
3	DESIGN OF MACHINE ELEMENTS	AT	15AT53T	4	-	-	4	4	3	100	35	25	125	45
4	ELECTIVE	AT	***	4	-	-	4	4	3	100	35	25	125	45
5	PARAMETRIC MODELLING LAB	AT	15AT55P	-	2	4	6	3	3	50	25	25	75	35
6	ADVANCED AUTOMOBILE SYSTEMS LAB	AT	15AT56P	-	2	4	6	3	3	50	25	25	75	35
7	PROFESSIONAL PRACTICE LAB	AT	15AT57P	-	2	4	6	3	3	50	25	25	75	35
8	PROJECT WORK	AT	15AT58P	-	-	3	3	-	END OF VI SEM.	---	---	25	25	-
				16	6	15	37	25		550	215	200	750	285

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ELECTIVE SUBJECTS

SL.NO	Course Code	NAME OF THE ELECTIVE COURSE
01	15AT54A	FARM TRACTORS AND CONSTRUCTION EQUIPMENTS.
02	15AT54B	ENERGY RESOURCES & ALTERNATIVE FUELS
03	15AT54C	VEHICLE BODY ENGINEERING.

6

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SEMESTER: VI

SCHEME: C-15

SL.N O	Course Name	Teaching Department	Course/ QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	End Exam		I A Marks	Total Marks	Min Marks for passing (including IA marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	AUTOMOTIVE MECHANICS	AT	15AT61T	4	-	-	4	4	3	100	35	25	125	45
2	AUTOMOTIVE ELECTRONICS	AT	15AT62T	4	-	-	4	4	3	100	35	25	125	45
3	ENGINE MAINTENANCE AND ESTIMATION	AT	15AT63T	4	-	-	4	4	3	100	35	25	125	45
4	ENGINE TESTING LAB	AT	15AT64P	-	2	4	6	3	3	50	25	25	75	35
5	ENGINE RE- CONDITIONING LAB	AT	15AT65P	-	2	4	6	3	3	50	25	25	75	35
6	PROJECT WORK	AT	15AT66P	-	2	4	6	3	3	50	25	25	75	35
7	INPLANT TRAINING	AT	15AT67P	-	-	4	4	2	-	-	-	25	25	-
8	DRIVING PRACTICE	AT	-	-	-	3	-	-	-	-	-	-	-	-
				12	6	19	37	23		450	180	175	625	240

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