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KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.														
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.														
PROGRAMME NAME: MECHANICAL ENGINEERING										PROGRAMME CODE: ME				
PATTERN: FULL TIME										DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)				
SEMESTER: I										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	Communication Skills in English	Sc&Huma	15CP01E	4	-	-	4	4	3	100	35	25	125	45
2	Engineering Mathematics-I	Sc	15SC01M	4	-	-	4	4	3	100	35	25	125	45
3	Work Shop Technology	ME	15ME11T	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	ME	15ME13P	-	2	4	6	3	3	50	25	25	75	35
6	Basic Workshop Practice -I	ME	15ME14P		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

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KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.

PROGRAMME NAME: MECHANICAL ENGINEERING

PROGRAMME NAME: MECHANICAL ENGINEERING

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	Basic Electrical & Electronics Engineering	EE	15EE01E	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	Basic Electrical & Electronics Lab	EE	15EE02P		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

3		KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.												
		TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.												
		PROGRAMME NAME: MECHANICAL ENGINEERING						PROGRAMME NAME: MECHANICAL ENGINEERING						
		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)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Strength of Materials	ME	15ME31T	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	Mechanical Measurements	ME	15ME33T	4			4	4	3	100	35	25	125	45
4	Machine Drawing	ME	15ME34D		2	4	6	3	4	100	35	25	125	45
5	Mechanical Computer Aided Drafting (MCAD)	ME	15ME35P		2	4	6	3	3	50	25	25	75	35
6	Basic Work Shop -II	ME	15ME36P		2	4	6	3	3	50	25	25	75	35
7	Mechanical Testing & Quality Control Lab	ME	15ME37P		2	4	6	3	3	50	25	25	75	35
				12	8	16	36	24		550	215	175	725	285

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .

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

KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.														
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.														
PROGRAMME NAME: MECHANICAL ENGINEERING										PROGRAMME NAME: MECHANICAL ENGINEERING				
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	Hydraulics & Pneumatics	ME	15ME41T	4			4	4	3	100	35	25	125	45
2	Basic Thermal Engineering	ME	15ME42T	4			4	4	3	100	35	25	125	45
3	Machine Tool Technology	ME	15ME43T	4			4	4	3	100	35	25	125	45
4	Professional Ethics & Indian Constitution	ME	15ME44T	4			4	4	3	100	35	25	125	45
5	Hydraulics & Pneumatics Lab	ME	15ME45P		2	4	6	3	3	50	25	25	75	35
6	Machine shop	ME	15ME46P		2	4	6	3	3	50	25	25	75	35
7	C Programming lab	ME	15ME47P		2	4	6	3	3	50	25	25	75	35
				16	6	12	34	25		550	215	175	725	285

1 Hr Theory = 1 Credit :: 2 Hrs Practical/TU = 1 Credit .

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

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KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.

PROGRAMME NAME: MECHANICAL ENGINEERING

PROGRAMME NAME: MECHANICAL ENGINEERING

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: V

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	Industrial Management	ME	15ME51T	4	-	-	4	4	3	100	35	25	125	45
2	Applied Thermal Engg.	ME	15ME52T	4	-	-	4	4	3	100	35	25	125	45
3	Machine Design	ME	15ME53T	4	-	-	4	4	3	100	35	25	125	45
4	Mechatronics	ME	15ME54T	4	-	-	4	4	3	100	35	25	125	45
5	Professional Practices	ME	15ME55P	-	2	4	6	3	3	50	25	25	75	35
6	Thermal Engg. Lab	ME	15ME56P	-	2	4	6	3	3	50	25	25	75	35
7	Mechatronics Lab	ME	15ME57P	-	2	4	6	3	3	50	25	25	75	35
8	Project work-I	ME	15ME58P	-	-	3	3	-	-	-	-	25	25	-
				16	6	15	37	25		550	215	200	750	285

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .

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		TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.												
		PROGRAMME NAME: MECHANICAL ENGINEERING						PROGRAMME NAME: MECHANICAL ENGINEERING						
		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	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Estimation & Costing	ME	15ME61T	4	-	-	4	4	3	100	35	25	125	45
2	Computer Integrated Manufacturing	ME	15ME62T	4	-	-	4	4	3	100	35	25	125	45
3	Elective Course	ME	***	4			4	4	3	100	35	25	125	45
4	CNC Lab	ME	15ME64P	-	2	4	6	3	3	50	25	25	75	35
5	Computer Aided Analysis and Simulation Lab (CASA)	ME	15ME65P	-	2	4	6	3	3	50	25	25	75	35
6	Project Work-II	ME	15ME66P	-	2	4	6	3	3	50	25	25	75	35
7	In plant Training	ME	15ME67P	-	-	4	4	2	-	-	-	25	25	-
				12	6	16	34	23		450	180	175	625	240

1 Hr Theory = 1 Credit :: 2 Hrs Practical/TU = 1 Credit .

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*****Elective Courses/Course Code:**

1.Automobile Engg.-15ME63A	2.Power Plant Engg.-15ME63B	3.Renewable Energy Resources-15ME63C	4.Refrigeration & Air conditioning-15ME63F
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