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NAAC ACCREDITED

**B.E - MECHANICAL ENGINEERING
 (SEVEN SEMESTER PART TIME)**

CURRICULUM - 2009

SEMESTER I

Code No	Course Title	L	T	P	C
Theory					
PME101	Mathematics-I	3	1	0	4
PME102	Strength of Materials	3	0	0	3
PME103	Fluid Mechanics and Machines	3	0	0	3
PME104	Engineering Materials and Metallurgy	3	0	0	3
Practical					
PME105	Strength of Materials and Fluid machinery lab	0	0	3	2

Total Hours: 16

Total Credits: 15

SEMESTER II

Code No	Course Title	L	T	P	C
Theory					
PME201	Probability and Statistics	3	1	0	4
PME202	Mechanics of machines-I	3	1	0	4
PME203	Thermal engineering	3	0	0	3
PME204	Metrology and measurements	3	0	0	3
Practical					
PME205	CAD lab	0	0	3	2

Total Hours: 17

Total Credits: 16

SEMESTER - III

Code No	Course Title	L	T	P	C
Theory					
PME301	Numerical methods	3	1	0	4
PME302	Gas Dynamics and Jet Propulsion	3	1	0	4
PME303	Machine Element Design	3	1	0	4
PME304	CAD/CAM	3	0	0	3
Practical					
PME305	Thermal engineering lab-I	0	0	3	2

Total Hours: 18

Total Credits: 17

SEMESTER IV

Code No	Course Title	L	T	P	C
Theory					
PME401	Design of Transmission systems	3	1	0	4
PME402	Manufacturing Technology-II	3	0	0	3
PME403	Heat and Mass Transfer	3	1	0	4
PME404	Mechanics of machines-II	3	1	0	4
Practical					
PME405	Heat and Mass Transfer lab	0	0	3	2

Total Hours: 18

Total Credits: 17

SEMESTER V

Code No	Course Title	L	T	P	C
Theory					
PME501	Operations Research	3	1	0	4
PME502	Engineering Economics & Cost analysis	3	0	0	3
PME504	Power Plant Engineering	3	0	0	3
PME505	Mechatronics	3	0	0	3
Practical					
PME506	Special Machines Lab	0	0	3	2

Total Hours: 16

Total Credits: 15

SEMESTER VI

Code No	Course Title	L	T	P	C
PME601	Industrial Engineering & Quality Control	3	0	0	3
PME602	Automobile Engineering	3	0	0	3
PME603*	Elective-I	3	0	0	3
PME604*	Elective-II	3	0	0	3
Practical					
PME605	Automobile Engineering Lab	0	0	3	2

Total Hours: 15

Total Credits: 14

SEMESTER VII

Code No	Course Title	L	T	P	C
PME701	Social Engineering	3	0	0	3
PME703*	Elective-I	3	0	0	3
PME704*	Elective-II	3	0	0	3
Practical					
PME705	Project Work	0	0	20	12

Total Hours: 29

Total Credits: 21

Total Credits: 115

LIST OF ELECTIVES

ELECTIVE I

* Elective Code	Course Title	L	T	P	C
PME 603A	Refrigeration & Air conditioning	3	0	0	3
PME 603B	Fluid Power Engineering	3	0	0	3
PME 603C	Energy Conversion Systems	3	0	0	3

ELECTIVE II

* Elective Code	Course Title	L	T	P	C
PME 604A	Power Plant Engineering	3	0	0	3
PME 604B	Optimum Utilization of Heat and Power	3	0	0	3
PME 604C	Advanced I.C Engines	3	0	0	3

L → LECTURE HOURS
T → TUTORIAL HOURS
P → PRACTICAL HOURS
C → CREDITS HOURS