

DEPARTMENT OF MECHANICAL
ENGG.

W. E. F : 2016-17

FY MTECH

RELEASE DATE : 01/06/2017

REVISION NO. : 0.0

TRIMESTER: I

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	T	CREDIT
1.	PC1	AS501	Computing and Mathematics	2	2	4
2.	PC2	CS501	Management System	2	2	4
3.	PC3	CS502	Modern Technology	2	2	4
TOTAL				6	6	12

TRIMESTER: II

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	PC4	EX501	Research Methodology	2	-	2
2.	DC1	ME511	Advanced Thermodynamics and Combustion Technology	3	2	4
3.	DC2	ME512	Advanced Heat Transfer	3	2	4
TOTAL				8	4	10

TRIMESTER: III

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	PC5	EX502	Technical Writing	2	-	2
2.	DC3	ME521	Advanced Fluid Mechanics	3	2	4
3.	DC4	ME522	Design of Heat Transfer equipment's	3	2	4
4.	DC5	ME523	Project Work - I	-	4	2
TOTAL				8	8	12

DEPARTMENT OF MECHANICAL
ENGG.

W. E. F : 2017-18

SY MTECH

RELEASE DATE : 01/06/2017

REVISION NO. : 0.0

TRIMESTER: IV

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DE1	ME63*	Elective course – I	3	-	3
2.	DE2	ME64*	Elective course – II	3	-	3
3.	DC6	ME6D1	Project Work - II	-	8	4
TOTAL				6	8	10

TRIMESTER: V

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC7	ME6I1	Project Work - III	-	20	10
TOTAL				-	20	10

TRIMESTER: VI

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC8	ME6J1	Project Work - IV	-	20	10
TOTAL				-	20	10

DICIPLINE ELECTIVE DETAILS

- 1) Any one course to be selected for Trimester IV from elective course I and elective course II.
- 2) The corresponding course to be chosen from same domain.

Elective course – I

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DE1.1	ME631	Advances In IC engines	3	-	3
2.	DE1.2	ME632	Energy Conservation and Management	3	-	3
3.	DE1.3	ME633	Computational Fluid Dynamics	3	-	3
4.	DE1.4	ME634	Compressible Fluid flow and Gas Dynamics	3	-	3

Elective course – II

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DE2.1	ME641	Advanced Air Conditioning and Refrigeration Technology	3	-	3
2.	DE2.2	ME642	Industrial Hydraulics and Pneumatics	3	-	3
3.	DE2.3	ME643	Cryogenics and Vacuum Technology	3	-	3
4.	DE2.4	ME644	Steam Engineering	3	-	3