

**SCHOOL OF MECHANICAL & CIVIL
ENGINEERING**

W. E. F : 2016-17

FY BTECH

RELEASE DATE : 01/06/2016

DEPARTMENT OF MECHANICAL ENGG

REVISION NO. : 0.0

SEMESTER: I

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T*	CREDIT
1.	NSC1	AS101	Mathematics – I	4	1	5
2.	NSC2	AS102/ AS103	Physics/ Chemistry	3	2	4
3.	ESC1	EX101/ CV101	Electrical & Electronics Engg/ Applied Mechanics	3	2	4
4.	ESC2	ME101/ IT101	Engineering Graphics/ Computer Programming	2	4	4
5.	HSS1	HP101	Language & Communication – I	1	2	2
6.	SDP1	ME102/ ME103	Experimental Tools & Techniques/ Design Thinking	--	4	2
TOTAL				13	15	21

SEMESTER: II

SL. No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P/T	CREDIT
1.	NSC3	AS101	Mathematics – II	4	1	5
2.	NSC4	AS103/ AS102	Chemistry/ Physics	3	2	4
3.	ESC3	CV101/ EX101	Applied Mechanics/ Electrical & Electronics Engg	3	2	4
4.	ESC4	IT101/ ME101	Computer Programming/ Engineering Graphics	2	4	4
5.	HSS2	HP101	Language & Communication – II	1	2	2
6.	SDP2	ME103/ ME102	Design Thinking/ Experimental Tools & Techniques	--	4	2
TOTAL				13	15	21

L: Lecture, P: Practical, T:Tutorial; *Applicable for FY BTech

**SCHOOL OF MECHANICAL & CIVIL
ENGINEERING**

W. E. F : 2017-18

S Y B TECH

RELEASE DATE : 01/06/2017

DEPARTMENT OF MECHANICAL ENGG

REVISION NO. : 0.0

SEMESTER: I

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	PC1	CH201	Environmental Science	2	2	3
2.	PC2	AS201	Applied Mathematics	3	2	4
3.	PC3	ET201	System Engineering	3	2	4
4.	DC1	ME202	Thermal Engineering	3	2	4
5.	DC2	ME203	Solid Mechanics	3	2	4
6.	SDP3	ET206	Prototyping	--	4	2
TOTAL				14	14	21

SEMESTER: II

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	PC4	IT201	Engineering Informatics	3	2	4
2.	PC5	ME201	Materials Engineering	3	2	4
3.	DC3	ME211	Fluid Mechanics	3	2	4
4.	DC4	ME212	Manufacturing Technology	3	2	4
5.	HSS3	HP201	Psychology	3	--	3
6.	SDP4	ME213	Minor Project	--	4	2
TOTAL				15	12	21

L: Lecture, P: Practical

SCHOOL OF MECHANICAL & CIVIL ENGINEERING	W. E. F :	2018-19
T Y B TECH	RELEASE DATE :	01/12/2017
DEPARTMENT OF MECHANICAL ENGG	REVISION NO. :	0.0

SEMESTER: V

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC5	ME301	Machine Design	3	2	4
2.	DC6	ME302	Machines & Mechanisms	3	2	4
3.	DC7	ME303	Heat Transfer	3	2	4
4.	OE1	ME31#	Open Elective - Refer Annexure.	3	2	4
5.	HSS5	HP302	Professional Skills	--	4	2
6.	SDP5	ME30#	Skill Development Lab - Refer Annexure	--	4	2
TOTAL				12	16	20

SEMESTER:VI

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC8	ME321	Turbomachines	3	2	4
2.	DC9	ME322	Quality Assurance	3	2	4
3.	DC10	ME323	Operations Research	3	2	4
4.	OE2	ME33#	Open Elective - Refer Annexure.	3	2	4
5.	HSS6	HP303	Basics of Entrepreneurship	--	2	1
6.	HSS4	HP301	Project Management	1	2	2
7.	SDP6	ME324	Mini Project	--	4	2
TOTAL				13	16	21

L: Lecture, P: Practical

**SCHOOL OF MECHANICAL & CIVIL
ENGINEERING**

W. E. F : 2019-20

B TECH

RELEASE DATE : 01/12/2018

DEPARTMENT OF MECHANICAL ENGG

REVISION NO. : 0.0

SEMESTER: VII

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC11	ME401	Heating Ventilation & Air Conditioning	3	2	4
2.	DE1	ME41#	Discipline Elective - Refer Annexure.	3	--	3
3.	OE3	ME42#	Open Elective - Refer Annexure.	3	2	4
4.	HSS7	HP402	Sociology	2	--	2
5.	HSS8/ SDP7	HP403/ ME40#	Business Strategies / Piping Design/ Six Sigma/ Energy Audit	--	2	1
6.	SDP8	ME402	Project - I	--	8	4
7.	SDP9	ME404	Summer Internship	--	--	4
TOTAL				11	14	22

SEMESTER: VIII

SL No.	COURSE TYPE	COURSE CODE	COURSE	TEACHING SCHEME		
				L	P	CREDIT
1.	DC12	ME431	Noise Vibration & Harshness	3	2	4
2.	DE2	ME44#	Discipline Elective - Refer Annexure	3	--	3
3.	OE4	ME45#	Open Elective - Refer Annexure	3	2	4
4.	HSS9	HP401	Engineering Economics	2	--	2
5.	SDP10	ME432	Project - II	--	8	4
TOTAL				11	12	17

L: Lecture, P: Practical