

Vishwakarma Institute of Information Technology, Pune-48

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

Department of Mechanical Engineering**Second Year M. Tech. Design Engineering (Mechanical Engineering) (SYMT) –
Semester I (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
IOEP21171A / IOEP21171B	Open Elective (Institute)	CE	3	-	15	15	20	-	-	50	3
IFLP21172A / IFLP21172B / IFLP21172C	Foreign Language: German/French/ Business English	CE	2	-	-	-	50	-	-	50	2
IES21173	Environmental Studies	CE	1	2	-	-	50	-	-	50	2
MEPA21174A / MEPA21174B / MEPA21174C	Internship [#] / Value added course [#] / In-house Project [#]	CE-OR	-	8	-	-	100	-	100	200	8
MEPA21175	Project Stage-I [#]	CE-OR	-	10	-	-	100	-	100	200	10
AP2	Audit Course		-	-	-	-	-	-	-	-	-
	Total		6	20	15	15	320	-	200	550	25

Open Elective (Institute)

IOEP21171A: Cyber Crime and Laws

IOEP21171B: Project Planning and Management

Foreign Language:

IFLP21172A: German

IFLP21172B: French

IFLP21172C: Business English

Audit courses: (Institute)

AP2: Cyber security OR Value Engineering and human rights OR, Legislative procedures OR Technical writing / Documentation OR Languages OR Online Certification Courses (minimum 2 weeks) OR Cost Accountancy OR Department Specific Audit Courses

**Second Year M. Tech. Design Engineering (Mechanical Engineering) (SYMT) –
Semester II (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
MEPA22171	Project Stage II [#]	CE-OR	-	25	-	-	100	-	100	200	25
AP2	Audit Course	-	-	-	-	-	-	-	-	-	-
	Total		-	25	-	-	100	-	100	200	25

Theory: 1Hr. = 1 Credit, Practical: 2 Hrs. = 1 Credit, [#]1 hr. = 1 Credit, Audit Course: No Credits

Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Information Technology, Pune-48
(An Autonomous Institute affiliated to Savitribai Phule Pune University)
Department of Electronics and Telecommunication Engineering

Second Year M. Tech. Signal Processing (E&TC) (SYMT) – Semester I

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
IOEP21171A / IOEP21171B	Open Elective (Institute)	CE	3	-	15	15	20	-	-	50	3
IFLP21172A / IFLP21172B / IFLP21172C	Foreign Language: German/French/ Business English	CE	2	-	-	-	50	-	-	50	2
IES21173	Environmental Studies	CE	1	2	-	-	50	-	-	50	2
ETPA21174A / ETPA21174B / ETPA21174C	Internship [#] / Value added course [#] / In-house Project [#]	CE-OR	-	8	-	-	100	-	100	200	8
ETPA21175	Project Stage-I [#]	CE-OR	-	10	-	-	100	-	100	200	10
AP2	Audit Course		-	-	-	-	-	-	-	-	-
	Total		6	20	15	15	320	-	200	550	25

Open Elective (Institute)

IOEP21171A: Cyber Crime and Laws
IOEP21171B: Project Planning and Management

Foreign Language:

IFLP21172A: German
IFLP21172B: French
IFLP21172C: Business English

Audit courses: (Institute)

AP2: Cyber security OR Value Engineering and human rights OR, Legislative procedures OR Technical writing / Documentation OR Languages OR Online Certification Courses (minimum 2 weeks) OR Cost Accountancy OR Department Specific Audit Courses

Second Year M. Tech. Signal Processing (E&TC) (SYMT) – Semester II (Pattern 2017)

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
ETPA22171	Project Stage II [#]	CE-OR	-	25	-	-	100	-	100	200	25
AP2	Audit Course	-	-	-	-	-	-	-	-	-	-
	Total		-	25	-	-	100	-	100	200	25

Theory: 1Hr. = 1 Credit, Practical: 2 Hrs. = 1 Credit, [#]1 hr. = 1 Credit, Audit Course: No Credits

Vishwakarma Institute of Information Technology, Pune-48

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

Department of Computer Engineering**Second Year M. Tech. Computer Engineering (SYMT) – Semester I (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
IOEP21171A / IOEP21171B	Open Elective (Institute)	CE	3	-	15	15	20	-	-	50	3
IFLP21172A / IFLP21172B / IFLP21172C	Foreign Language: German/French/ Business English	CE	2	-	-	-	50	-	-	50	2
IES21173	Environmental Studies	CE	1	2	-	-	50	-	-	50	2
CSPA21174A / CSPA21174B / CSPA21174C	Internship [#] / Value added course [#] / In-house Project [#]	CE-OR	-	8	-	-	100	-	100	200	8
CSPA21175	Project Stage-I [#]	CE-OR	-	10	-	-	100	-	100	200	10
AP2	Audit Course		-	-	-	-	-	-	-	-	-
	Total		6	20	15	15	320	-	200	550	25

Open Elective (Institute)

IOEP21171A: Cyber Crime and Laws

IOEP21171B: Project Planning and Management

Foreign Language:

IFLP21172A: German

IFLP21172B: French

IFLP21172C: Business English

Audit courses: (Institute)

AP2: Cyber security OR Value Engineering and human rights OR, Legislative procedures OR Technical writing / Documentation OR Languages OR Online Certification Courses (minimum 2 weeks) OR Cost Accountancy OR Department Specific Audit Courses

Second Year M. Tech. Computer Engineering (SYMT) – Semester II (Pattern 2017)

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
CSPA22171	Project Stage II [#]	CE-OR	-	25	-	-	100	-	100	200	25
AP2	Audit Course	-	-	-	-	-	-	-	-	-	-
	Total		-	25	-	-	100	-	100	200	25

Theory: 1Hr. = 1 Credit, Practical: 2 Hrs. = 1 Credit, [#]1 hr. = 1 Credit, Audit Course: No Credits

Vishwakarma Institute of Information Technology, Pune-48

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

Department of Civil Engineering**Second Year M. Tech. Water Resources and Environmental Engineering (SYMT) –
Semester I (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
IOEP21171A / IOEP21171B	Open Elective (Institute)	CE	3	-	15	15	20	-	-	50	3
IFLP21172A / IFLP21172B / IFLP21172C	Foreign Language: German/French/ Business English	CE	2	-	-	-	50	-	-	50	2
IES21173	Environmental Studies	CE	1	2	-	-	50	-	-	50	2
CVPA21174A / CVPA21174B / CVPA21174C	Internship [#] / Value added course [#] / In-house Project [#]	CE-OR	-	8	-	-	100	-	100	200	8
CVPA21175	Project Stage-I [#]	CE-OR	-	10	-	-	100	-	100	200	10
AP2	Audit Course		-	-	-	-	-	-	-	-	-
	Total		6	20	15	15	320	-	200	550	25

Open Elective (Institute)

IOEP21171A: Cyber Crime and Laws

IOEP21171B: Project Planning and Management

Foreign Language:

IFLP21172A: German

IFLP21172B: French

IFLP21172C: Business English

Audit courses: (Institute)

AP2: Cyber security OR Value Engineering and human rights OR, Legislative procedures OR Technical writing / Documentation OR Languages OR Online Certification Courses (minimum 2 weeks) OR Cost Accountancy OR Department Specific Audit Courses

**Second Year M. Tech. Water Resources and Environmental Engineering (SYMT) –
Semester II (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
CVPA22171	Project Stage II [#]	CE-OR	-	25	-	-	100	-	100	200	25
AP2	Audit Course	-	-	-	-	-	-	-	-	-	-
	Total		-	25	-	-	100	-	100	200	25

Theory: 1Hr. = 1 Credit, Practical: 2 Hrs. = 1 Credit, [#]1 hr. = 1 Credit, Audit Course: No Credits

Vishwakarma Institute of Information Technology, Pune-48

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

Department of Civil Engineering**Second Year M. Tech. Structures (SYMT) – Semester I (Pattern 2017)**

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
IOEP21171A / IOEP21171B	Open Elective (Institute)	CE	3	-	15	15	20	-	-	50	3
IFLP21172A / IFLP21172B / IFLP21172C	Foreign Language: German/French/ Business English	CE	2	-	-	-	50	-	-	50	2
IES21173	Environmental Studies	CE	1	2	-	-	50	-	-	50	2
CVPB21174A / CVPB21174B / CVPB21174C	Internship [#] / Value added course [#] / In-house Project [#]	CE-OR	-	8	-	-	100	-	100	200	8
CVPB21175	Project Stage-I [#]	CE-OR	-	10	-	-	100	-	100	200	10
AP2	Audit Course		-	-	-	-	-	-	-	-	-
	Total		6	20	15	15	320	-	200	550	25

Open Elective (Institute)

IOEP21171A: Cyber Crime and Laws

IOEP21171B: Project Planning and Management

Foreign Language:

IFLP21172A: German

IFLP21172B: French

IFLP21172C: Business English

Audit courses: (Institute)

AP2: Cyber security OR Value Engineering and human rights OR, Legislative procedures OR Technical writing / Documentation OR Languages OR Online Certification Courses (minimum 2 weeks) OR Cost Accountancy OR Department Specific Audit Courses

Second Year M. Tech. Structures (SYMT) – Semester II (Pattern 2017)

Course Code	Course	Course Type	Teaching Scheme		Examination Scheme					Total	Credits
					Formative Assessment		Summative Assessment				
			L	P	ISE		CE	ESE	OR		
					T1	T2					
CVPB22171	Project Stage II [#]	CE-OR	-	25	-	-	100	-	100	200	25
AP2	Audit Course	-	-	-	-	-	-	-	-	-	-
	Total		-	25	-	-	100	-	100	200	25

Theory: 1Hr. = 1 Credit, Practical: 2 Hrs. = 1 Credit, [#]1 hr. = 1 Credit, Audit Course: No Credits