



Semester-I

No.	Code	Course	Category	L-T-P	Credits	Contact Hours	ISA	ESA	Total Marks	Exam Duration
1	19EPMC701	PLM Fundamentals	PC	2-0-0	2	02	50	50	100	3 hours
2	19EPMC702	Engineering Data Management	PC	3-0-0	3	03	50	50	100	3 hours
3	19EPMC703	Product Design and Development	PC	3-0-0	3	03	50	50	100	3 hours
4	19EPMC704	Enterprise Resource Planning - I	PC	3-0-0	3	03	50	50	100	3 hours
<b>Elective 1.</b>										
5	19EPME701	Design for Additive Manufacturing	PE	3-0-0	3	03	50	50	100	3 hours
	19EPME702	Industrial Robotics								
	19EPME703	Supply Chain Management								
	19EPME704	Manufacturing Systems Simulation								
6	19EPMP701	Collaborative Design-Modeling Lab	PC	0-0-5	5	10	80	20	100	2 hours
7	19EPMP702	PLM Function Lab	PC	0-0-3	3	06	80	20	100	2 hours
8	19EPMP703	ERP Function Lab	PC	0-0-3	3	06	80	20	100	2 hours
<b>TOTAL</b>				<b>14-0-11</b>	<b>25</b>	<b>36</b>				

**Note:** L: Lecture T: Tutorials P: Practical, **ISA:** In Semester Assessment **ESA:** End Semester Assessment **PJ-**Project, **PC-**Programme Core, **PE-**Programme Elective

REGISTRAR  
KLE Technological University  
HUBBALLI-560 031



**Semester-II**

No	Code	Course	Category	L-T-P	Credits	Contact Hours	ISA	ESA	Total	Exam Duration
1	19EPMC705	PLM Advanced	PC	2-0-0	2	02	50	50	100	3 hours
2	19EPMC706	Enterprise Resource Planning - II	PC	3-0-0	3	03	50	50	100	3 hours
3	19EPMC707	Project Feasibility and Analysis	PC	3-1-0	4	05	50	50	100	3 hours
4	19EPMC708	Research Methodology	PC	2-1-0	3	04	100	-	100	-
<b>Elective 2.</b>										
5	19EPME705	Additive Manufacturing	PE	3-0-0	3	03	50	50	100	3 hours
	19EPME706	Manufacturing Systems and Automation								
	19EPME707	Manufacturing Execution Systems								
	19EPME708	Robust Design Optimization								
6	19EPMP704	PLM Technical Lab	PC	0-0-2	2	04	80	20	100	2 hours
7	19EPMP705	ERP Technical Lab	PC	0-0-2	2	04	80	20	100	2 hours
8	19EPMP706	Product Automation Lab	PC	0-0-3	3	06	80	20	100	2 hours
9	19EPMW701	Mini Project	PC	0-0-3	3	06	80	20	100	2 hours
<b>TOTAL</b>				<b>13-2-10</b>	<b>25</b>	<b>37</b>				

**Note:** L: Lecture T: Tutorials P: Practical, **ISA:** In Semester Assessment **ESA:** End Semester Assessment **PJ-**Project, **PC-**Programme Core, **PE-**Programme Elective

**REGISTRAR**  
 KLE Technological University  
 HUBBALLI-580 031