

**DEPARTMENT OF PRODUCTION ENGINEERING  
MINOR in "Production Engineering"**

**(OFFERED ONLY TO OTHER DEPARTMENT STUDENTS)**

Students who have registered for B. Tech Minor in Production Engineering should complete 20 credits and shall opt for courses listed below. The credits shall be over and above minimum requirement for degree award.

Semester/ Session of Study (Recommended)	Course Level	Category of course	Course Code	Courses	Prerequisites courses with code	Mode of delivery & credits <i>L-Lecture; T-Tutorial; P-Practicals</i>			Total Credits <i>C- Credits</i>	
						L <i>(Periods/ week)</i>	T <i>(Periods/ week)</i>	P <i>(Periods/ week)</i>	C	
<b>THEORY</b>										
FIFTH / Monsoon	2	PC	PE203	Operations Research	Nil	3	0	0	3	
	2	PE (any one)	PE213	Manufacturing Processes	Nil	3	0	0	3	
	3		PE307	Competitive Manufacturing Strategies	Nil	3	0	0	3	
<b>TOTAL</b>									<b>6</b>	
<b>THEORY</b>										
SIXTH / Spring	2	PC	PE206	Metrology & Measurement	Nil	3	0	0	3	
	3	PE (any one)	PE318	Rapid Prototyping and Tooling	PE213 Manufacturing Processes	3	0	0	3	
	3		PE314	Statistical Quality Control	Nil	3	0	0	3	
	3		PE308	Logistics and Supply Chain Management	PE203 Operations Research	3	0	0	3	
	<b>LABORATORY</b>									
2	PC	PE207	Metrology & Measurement Lab	(Co-requisite PE206)	0	0	3	1.5		
<b>TOTAL</b>									<b>7.5</b>	
<b>THEORY</b>										
SEVENTH / Monsoon	3	PC	PE304	Production & Operations Management	Nil	4	0	0	4	
	<b>LABORATORY</b>									
	4	PC	PE404	Modelling and Simulation Lab	Nil	0	0	3	1.5	
	<b>PROJECT</b>									
4	PC	PE450	Mini Project		0	0	2	1		
<b>TOTAL</b>									<b>6.5</b>	
<b>GRAND TOTAL</b>									<b>20</b>	