

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY (BPUT)
ORISSA
Metallurgical & Materials Engineering

<u>3rd SEMESTER</u>				<u>4th SEMESTER</u>			
<i>THEORY</i>		<i>Contact Hours</i>		<i>THEORY</i>		<i>Contact Hours</i>	
<i>Code</i>	<i>Subject</i>	<i>L-T-P</i>	<i>Credits</i>	<i>Code</i>	<i>Subject</i>	<i>L-T-P</i>	<i>Credits</i>
01	Mathematics – III	3-1-0	4		Mathematics – IV	3-1-0	4
02	Physics II	3-0-0	3		Chemistry II / Materials Science	3-0-0	3
	OR				OR		
	Chemistry II / Materials Science				Physics II		
03	Object Oriented programming using C++	3-0-0	3		Relational Database Management System	3-0-0	3
04	Engg. Economics & Costing	3-0-0	3		Organizational behaviour	3-0-0	3
	OR				OR		
	Organizational behavior				Engg. Economics & Costing		
05	Introduction to Physical Metallurgy	3-1-0	4		Principles of Extractive Metallurgy	3-1-0	4
06	Metallurgical Thermodynamics & Kinetics	3-1-0	4		Materials Processing	3-1-0	4
	Credits (Theory)		21		Credits (Theory)		21
<i>PRACTICALS/SESSIONALS</i>				<i>PRACTICALS/SESSIONALS</i>			
01	COMMUNICATION AND INTERPERSONAL SKILLS FOR CORPORATE READINESS	0-0-3	2		Relational Database Managements System	0-0-3	2
02	Object Oriented programming Lab	0-0-3	2		Materials Processing Lab	0-0-3	2
03	Physical Metallurgy Lab	0-0-3	2		Materials Characterization Lab	0-0-3	2
	Credits (Practicals/ Sessionals)		6		Credits (Practicals/Sessionals)		6
TOTAL SEMESTER CREDITS			27	TOTAL SEMESTER CREDITS			27