

**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY (BPUT)**  
**ORISSA**  
**Civil Engineering**

<u>3<sup>rd</sup> SEMESTER</u>				<u>4<sup>th</sup> 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>
Basic Sc	Mathematics – III	3-0-0	4	Basic Sc	Mathematics – IV	3-0-0	4
HMSS	Engineering Economics & Costing	3-0-0	3	HMSS	Organisational Behaviour	3-0-0	3
	or Organisational Behaviour	3-0-0				Engineering Economics & Costing	
Engg. Sc.	Object Oriented Programming using C++	3-0-0	3	PC	Structural Analysis-1	3-0-0	3
PC	Mechanics of Solids	3-0-0	3	PC	Surveying -1	3-0-0	3
PC	Building Material & Building Construction	3-0-0	3	PC	Geo Technical Engineering	3-0-0	3
FE	Fluid Mechanics and Hydraulic Machines	3-1-0	4	FE	Analog & Digital Electronics, Data Base Management Systems, Energy Conversion Devices, Signals & Systems.	3-0-0	3
			<b>Credits (Theory)</b>				<b>Credits (Theory)</b>
			<b>20</b>				<b>19</b>
<i>PRACTICALS/SESSIONALS</i>				<i>PRACTICALS/SESSIONALS</i>			
Engg. Sc.	Computer Lab (OOP)	0-0-3	2	PC	Material Testing Lab	0-0-3	2
HMSS	Communication Practice Lab. – III	0-0-3	2	FE	<b>FE-II</b> Hydraulics Laboratory (to be offered by Mechanical Department)	0-0-3	2
PC	Civil Engineering Drawing	0-0-3	2	PC	Survey Field Work-I	0-0-3	2
			<b>Credits (Practicals/ Sessionals)</b>				<b>Credits (Practicals/Sessionals)</b>
			<b>6</b>				<b>6</b>
			<b>TOTAL SEMESTER CREDITS</b>				<b>TOTAL SEMESTER CREDITS</b>
			<b>26</b>				<b>25</b>