



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**COURSE OUTCOME OF OBJECT ORIENTED PROGRAMMING USING C++**

**SEMESTER : 3<sup>rd</sup>**

**COURSE CODE: CIC-211**

**CO-PO mapping**

**Course Outcomes:**

At the end of the course student will be able to:		PO/ PSO	Bloom Level
CIC211.1	Recall the concepts of C and Compare the procedural and object-oriented programming and gain in-depth knowledge of object oriented programming paradigm.	PO1-PO3, PO5, PO9- PO11, PO12 PSO1	<b>L1- Remember</b> <b>L2-Understand</b>
CIC211.2	Apply various concepts of C++ programming skills.	PO1-PO3, PO5, PO9, PO11, PO12, PSO1	<b>L3- Apply</b> <b>L6- Create</b>
CIC211.3	Examine different types of inheritance, polymorphism compile time and run time using classes.	PO1-PO2, PO5, PO9, PO11, PO12, PSO1	<b>L3- Apply</b> <b>L4- Analyze</b> <b>L5- Evaluate</b>
CIC211.4	Explain the concept of generic programming, file handling & standard templates and build some real time application.	PO1-PO3, PO5, PO9, PO11, PO12 PSO1	<b>L2-Understand</b> <b>L3-Apply</b> <b>L4 – Analyze</b> <b>L6 - Create</b>

**CO-PO Mapping**

CO'S	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CIC211.1	3		1		2	-	-	-	3		2	2	2	-
CIC211.2	2	2	2		2	-	-	-	3		2	2	2	-
CIC211.3	3	2			2	-	-	-	3		2	2	2	-
CIC211.4	2	2	2		2	-	-	-	3		2	3	2	-

**1=Slightly, 2=moderately, 3=substantially**