

## **COURSE OBJECTIVES AND COURSE OUTCOMES**

### **T. Y. B. Sc. SEMESTER - V**

#### **PHYSICS APPLIED PRACTICAL PAPER**

#### **SUBJECT: DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP PRACTICALS (USACEI5P1)**

<b>Sr. No.</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
1)	To compare and analyse working of digital ICs	Student can demonstrate working of different digital ICs
2)	To discuss basic assembly language programming	Student will be able to develop basic assembly language programs
3)	To demonstrate the working of 8085 microprocessor kit	Student will be able to run basic assembly language programs using 8085 microprocessor kit
4)	To introduce basic features of C++ programming	Student will be able to develop basic C++ programs and justify programming concepts

### **T. Y. B. Sc. SEMESTER - VI**

#### **SUBJECT: DIGITAL ELECTRONICS, MICROPROCESSOR, MICROCONTROLLER AND OOP (USACEI6P1)**

<b>Sr. No.</b>	<b>Course Objectives</b>	<b>Course Outcomes</b>
1)	To develop logic circuit design concepts	Student will be able to discuss the working of various digital circuit
2)	To discuss semiconductor memories and their functioning	Student will gain knowledge of semiconductor memories and their functioning as they form important part modern lifestyle
3)	To develop assembly language programming and applications of microprocessors	Student will be able to develop basic assembly language programs
4)	To discuss the concept of C++ programming and develop the skill of program writing	Student will be able to develop basic C++ programs