

## **17HS009 Computer Fundamentals & Photoshop Lab**

### **Course Description and Objectives:**

To explore basic knowledge on computers and Photoshop's beauty from the practical to the painterly artistic and to understand how Photoshop will help you create your own successful images

### **Course Outcomes:**

Upon completion of the course, the student will be able to achieve the following outcomes:

<b>COs</b>	<b>Course Outcomes</b>
<b>1</b>	Bridge the fundamental concepts of computers with the present level of knowledge of the students.
<b>2</b>	Familiarise operating systems, programming languages, peripheral devices, networking, multimedia and internet
<b>3</b>	Understand binary, hexadecimal and octal number systems and their arithmetic.
<b>4</b>	Understand how logic circuits and Boolean algebra forms as the basics of digital computer.
<b>5</b>	Demonstrate the building up of Sequential and combinational logic from basic gates.

1. Create your Visiting card
2. Create Cover page for any text book
3. Create a Paper add for advertising of any commercial agency
4. Design a Passport photo
5. Create a Pamphlet for any program to be conducted by an organisation
6. Create Broacher for you college
7. Create Titles for any forthcoming film
8. Custom shapes creation
9. Create a Web template for your college
10. Convert color photo to black and white photo
11. Enhance and reduce the given Image size
12. Background changes
13. Design Box package cover

14. Design Texture and patterns

15. Filter effects & Eraser effects

**Reference Books:**

1. Fundamentals of Computers by Reema Thareja from Oxford University Press
2. Adobe Photoshop Class Room in a Book by Adobe Creative Team.
3. Photoshop: Beginner's Guide for Photoshop - Digital Photography, Photo Editing, Color Grading & Graphic...19 February 2016 by David Maxwell