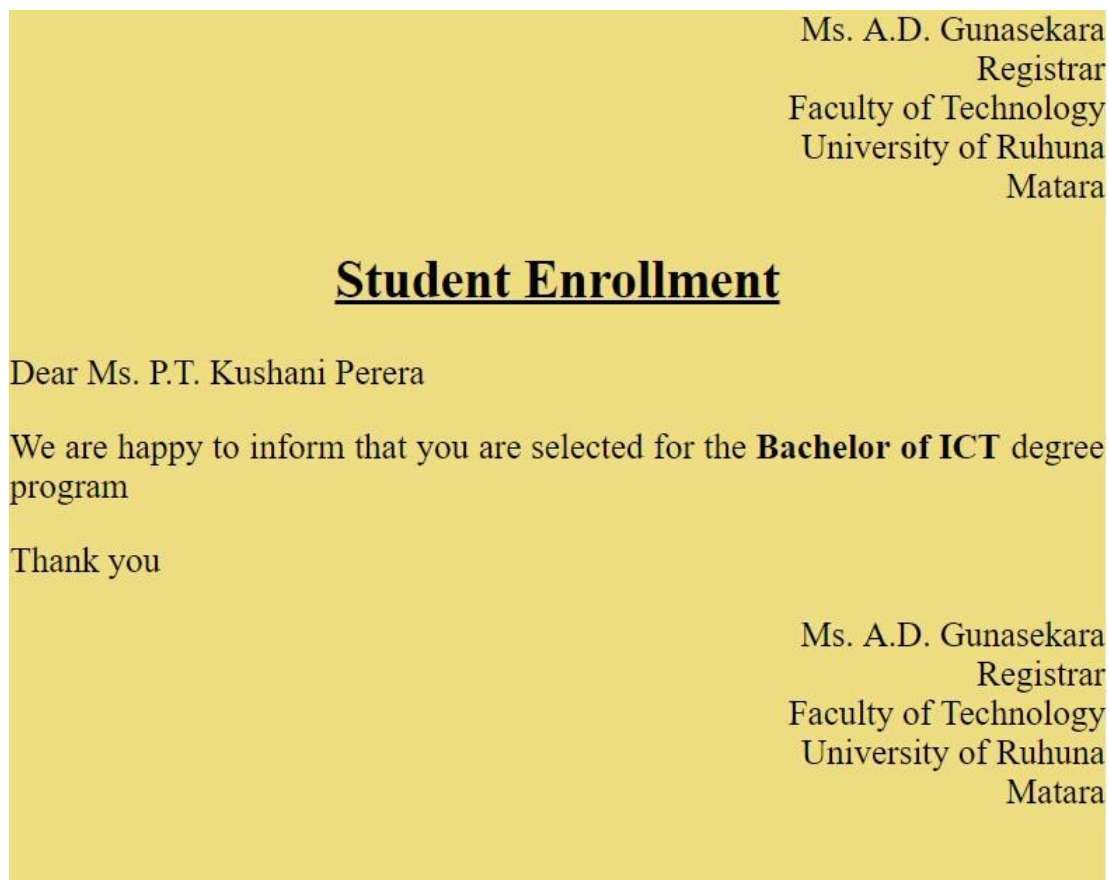


BICT- Level 1 – Semester II
Server-side Web Development – ICT1233
Practical 5

Objective : Getting familiar with PHP functions

Create web pages to perform the following tasks

1. Create the following web page



- a. Use php functions to print the registrar name and the receiver's name in the appropriate places
2. Write down functions to calculate,
 - a. Addition
 - b. Subtraction
 - c. Multiplication
 - d. Division
 - e. Maximum (Note: Use user defined functions)

Of two numbers which can be passed to the function as arguments

3. Create a function to calculate the y^{th} power of x (Ex: $5^2 = 25$). 'x' and 'y' parameters should be passed with the function call.
4. Create a function to calculate the factorial of a given number
5. Use built-in functions to perform following tasks
 - a. Generate 5 random numbers in between 1 – 500 and store them in an array
 - i. Calculate the maximum and minimum of the array
 - b. Calculate the volume of a cone if the height is 2 and radius is 3 (volume of a cone = $(\pi r^2 h)/3$)
 - i. Round the answer into 2 decimal places
 - c. Generate the following table and fill the table

| Angle | Sin | Cos | Tan |
|-------|-----|-----|-----|
| 0 | | | |
| 30 | | | |
| 45 | | | |
| 60 | | | |
| 90 | | | |