

Babu Madhav Institute of Information Technology, UTU

B.Sc. (IT) (5th Semester)

Subject: IT5011 - Open Source Web-Based Programming
Practical Internal - 1

Duration: 1 Hour 20 Min.

DIV – A

Marks: 25

SET - B

Date: 21th August, 2025

Que-1. Do as directed.

Save your Application as NNN_SetNo, where NNN is the last three digit of your enrolment no. e.g. 025_SetD.

Develop an Employee Management System having different web pages like Login, Employee Information, and View Salary Detail.

- Provide a login page with a static username and password. After a successful sign-in, the system should redirect to the employee page.
- The Employee Information page will include fields such as Employee Code, Name, Department, Designation, Basic Salary, and a Submit button. Upon clicking the Submit button, the system will calculate the Net Salary and redirect to the View Salary page.
- The View Salary page will display details including the Employee Name, and the calculated amounts for HRA, DA, MA, Tax, PF, and Net Salary, all presented in a proper format based on the specified criteria.

$$DA = 125\% \text{ of BS}, \quad \text{Tax} = 10\% \text{ of BS}.$$

$$MA = 10\% \text{ of BS}. \quad \text{Gross} = \text{Basic Salary} + \text{HRA} + \text{DA} + \text{MA}$$

$$PF = 13\% \text{ of BS}, \quad \text{Net salary} = \text{gross} - \text{PF} - \text{Tax}$$

- **Your application should follow the criteria below when storing employee information.**
 - Employee Code includes only numeric values.
 - Name, Department, and Designation should contain only alphabets.
 - All fields are mandatory to be filled up.
- **Provide navigation options to easily move between the Login, Employee Information, and View Salary pages.**