

**P.R. POTE (PATIL) EDUCATION & WELFARE TRUST’S GROUP OF INSTITUTIONS,**

**COLLEGE OF ENGINEERING & MANAGEMENT,**

**AMRAVATI.**

**COMPUTER SCIENCE AND ENGINEERING**

# Year : 3rd Year Semester: VIth

**SUBJECT** : ET-II Lab

P. R. Pote (Patil) Education & Welfare Trust’s, Group of Institutions, College of Engineering & Management, Amravati **Department of Computer Science & Engineering**

CERTIFICATE

### Vision Statement

To achieve excellence in computer science & engineering for serving the growing needs of software industry and society.



### Mission Statement

* To create an ambience that shall foster growth for developing innovative and entrepreneurial skills.
* To identify areas of specialization upon which the department can concentrate, thus promote academic growth and career opportunities.
* To develop human resource with ethical and moral values for overall personality development to serve the society.

### Name of the Subject:

This is to certify that **Miss. Vaishnavi Vijayrao Deshmukh**

Of **Class: 3rd Year Branch: Computer Science & Engineering Section: A Roll No.: 367** is the bonafide student of this institute.

She has completed all the practical work in the above subject as per the curriculum of Sant Gadge Baba Amravati University during the academic year 2021-2022.

### Subject Incharge



Sign: Date: \_ Name: Prof V. B. Bhagat

### Head of Department

Sign: Date: \_ Name: Dr. Ajay Gadicha



**Institute Vision Mission**

**Vision:**

To flourish as a centre of excellence for producing the skilled technocrats and committed human beings.

## Mission:

To create conducive environment for teaching &learning.

To impart quality education through demanding academic programs.

To enhance career opportunities by exposure to Industries & recent technologies.

To develop professionals with strong ethics and human values for the betterment of society.

## Department Vision Mission

**Vision**

To achieve Excellence in Computer Science and Engineering for serving the growing needs of Software industry and Society

## Mission

To create an ambiance that shall foster the growth for developing innovative and entrepreneurial skills.

To identify areas of specialization upon which the department can concentrate, thus promote academic growth and career opportunities.

To develop human resource with ethical and moral values for overall personality development to serve the society.

## PEO’s

Preparation To prepare graduates to have knowledge of computer science and competency for careers in industry.

Core Competence To develop problem solving skills in to the graduates that are required to analyse, design and implement solution with the computer knowledge.



# LIST OF PRACTICALS & PROGRESSIVE ASSESSMENT FOR TERM WORK

|  |  |
| --- | --- |
| **Academic Year… 2021 - 2022** | **Course : Computer Science & Eng** |
| **Subject & Code: ET Lab II** | **Semester : VIth Sem** |
| **Name of Faculty : Prof V. B Bhagat** | |
| **Name of Student : Suyoga Anand Nimbhorkar** | |
| **PRN No :** | **Roll No : 367** |

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|  | **Title of the Practical** | **Date** | **Marks** | **Remarks** |
| 1 | 1. Installation of Anaconda 2. write basic Programs using python in jupyter   Write a program using for loop to display sum of ODD numbers & EVEN numbers upto n. | **13/03/ 2022** |  |  |
| 2 | Demonstration of use of built-in data structure . | **07/04/ 2022** |  |  |
|  | Introduction and Demostration of data science Numpy Library. | **11/05/ 2022** |  |  |
| 4 | Introduction and Demonstration of data science Pandas Library. | **11/05/ 2022** |  |  |
| 5 | Introduction & Demonstration of data science Matplotlib library | **11/05/ 2022** |  |  |
| 6 | Write a program to read a csv file using python's inbuilt module. | **11/05/ 2022** |  |  |
| 7 | W.A.P in python using pymongo library to perform basic CRUDE operation using mongo DB | **14/05/ 2022** |  |  |
| 8 | W.A.P. in python to learn and implement decision tree classification, attribute selection measures, and how to build and optimize decision tree  classifier using python scikit-learn package | **14/05/ 2022** |  |  |
| 9 | W.A.P in python to implement Support vector Machine. | **14/05/ 2022** |  |  |
| 10 | To implement the naïve bayes theorem by using python. | **14/05/ 2022** |  |  |
| 11 | Write a Program in python to implement K-means algorithm. | **14/05/ 2022** |  |  |

## Signature of Faculty