



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN,PUNE 43

DEPARTMENT: ENGINEERING SCIENCES AND ALLIED ENGINEERING



## PROJECT BASED LEARNING



**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR  
WOMEN,PUNE 43**

**DEPARTMENT: ENGINEERING SCIENCES AND ALLIED ENGINEERING**

**PROJECT BASED LEARNING (110013)**

**Project Title : Fingerprint Door Lock System**

**Academic Year 2020-2021**

**Semester-II**

**Name of Student : - Anushruti Hemant Adhikari**

**Roll No. :- 102**

**Examination No.:- F190340002**

**PRN No.: - 72292953**



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***CERTIFICATE OF ORIGINALITY***

Year :                      date \_\_\_\_

This is to certify, that the project ( Title of the paper) submitted by me is an outcome of my own work. I have duly acknowledged all the sources from which the ideas and extracts have been taken. The project has not been copied from anywhere and all data has been collected by me.

Name of Student\_\_

Class / Sem /

Exam no. :-

Signature of student

Signature of Guide



**BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN**

**PUNE-SATARA RD., PUNE – 411043**

**Department of Engineering Sciences and Allied Engineering**

**Academic Year 2020-21 (Semester II)**

<b>Subject:</b>	<b>Project based learning (Course2019)</b> Subject Code: 110013	<b>Examination Scheme:</b>	
<b>Course Code:</b> <b>Class:</b>	<b>First Year Engineering</b>		
<b>Practical:</b>	<b>04 Hrs/Week</b>	<b>PR :</b>	<b>50 Marks</b>

**Course Objectives:**

1. To emphasizes learning activities that are long-term, interdisciplinary and student-centric.
2. To inculcate independent learning by problem solving with social context.
3. To engages students in rich and authentic learning experiences.
4. To provide every student the opportunity to get involved either individually or as a group so as to develop team skills and learn professionalism.

### **Course Outcomes:**

**After successful completion of this course the student will be able to**

110013. 1	CO1: Project based learning will increase their capacity and learning through shared cognition..
110013. 2	CO2: Students able to draw on lessons from several disciplines and apply them in practical way.
110013. 3	CO3: Learning by doing approach in PBL will promote long-term retention of material and replicable skill, as well as improve teachers' and students' attitudes towards learning

### **Course Attainment methods:**

1. Evaluation and Continuous Assessment
2. **Progress report**

**Prof. D.P.Chopade**

**Subject Teacher**

**H.O.D**

**Engg. Sciences and Allied Engg.**

**Principal**



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**Student Signature & Name**

**Ms. Anushruti Adhikari**

**Course Teacher Signature**

**Prof.D.P.Chopade**

# **Attach project pdf**

## **Sample list of projects**

1. Electricity bill audit of residence.
2. Carbon foot prints of your city, Analysis of CSR (Corporate Social Responsibility) activities for green cover and reduction in carbon foot prints.
3. Water foot prints of your city.
4. Covid -19 Pandemic impact on Industries in Engineering sector detail survey and analysis.
5. Analysis of new Apps during Covid -19 Pandemic which helped people the most in their daily life.(Ex. Grocery app, Work out apps, Dr. Consultations app, Online medicine, Swiggy, Zomato,Educational App).
6. Design layout of your residence and suggestion for improvement.
7. Model making from discarded material. (Related to your subject)