

# MVPS’s

**RAJARSHI SHAHU MAHARAJ POLYTECHNIC, NASIK**

## Subject Environmental Studies (22447)

### MICRO-PROJECT ON

**“A Report on Sources of Energy”**

**Submitted By**

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| **SR. NO** | **ENROLLMENT NO** | **EXAM SEAT NO** | **STUDENT NAME** |
| 1 | 1910020362 | 215646 | Savant Omkar Vitthal |
| 2 | 1910020363 | 215647 | Sawant Diksha Pravin |
| 3 | 1910020364 | 215648 | Shimpi Om Vilas |

**Guided By**

Prof. G. N. Handge

**COMPUTER TECHNOLOGY DEPARTMENT**

### ACADEMIC YEAR 2021-22



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Certificate

This is to certify that Ms. / Mr. Savant Omkar Vitthal

Roll No. 46 of 5th semester of Diploma in **Computer Technology** of Institute **MVPS’s Rajarshi Shahu Maharaj Polytechnic, Nasik (Code: 1002)** has successfully completed micro-project in **Environmental Studies (22447)** for academic year 2021-22 as prescribed in curriculum of MSBTE, Mumbai.

|  |  |
| --- | --- |
| Place:Nashik | Enrollment no.:1910020362\_\_\_\_ |
| Date:…………. | Exam seat no:…………………... |

|  |  |  |
| --- | --- | --- |
| **Prof. G. N. Handge** | **Prof. P. D. Boraste** | **Dr. D. B. Uphade** |
| **Course Teacher/Guide** | **H.O.D** | **Principal** |

Seal of institute

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### Log Book for Micro Project

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| **Academic Year :- 2021-22** | **Scheme :- I** |
| **Semester :- V** | **Class:- TYCM** |
| **Name of Course :- Environmental Studies** | **Course Code:- (22447)** |

**Title of the project: A Report on Sources of Energy**

### Group Members:-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Roll No.** | **Enrollment Number** | **Exam Seat No.** | **Name of the Student** | **Signature of student** |
| 1 | 46 | 1910020362 | 215646 | Savant Omkar Vitthal |  |
| 2 | 47 | 1910020363 | 215647 | Sawant Diksha Pravin |  |
| 3 | 48 | 1910020364 | 215648 | Shimpi Om Vilas |  |

**Project Reporting:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Date** | **Discussion & details** | **Group members present** | **Teacher’s comment/ remark** | **Signature of teacher** |
| 1 |  | Formation of groups |  |  |  |
| 2 |  | Discussion on concept of Micro Project |  |  |  |
| 3 |  | Topic selection for the Micro Project |  |  |  |
| 4 |  | Preliminary discussion with guide |  |  |  |
| 5 |  | Submission of Micro Project proposal |  |  |  |
| 6 |  | Information Gathered |  |  |  |
| 7 |  | Literature survey (Introduction) |  |  |  |
| 8 |  | Discussion with guide |  |  |  |
| 9 |  | Information Sorting |  |  |  |
| 10 |  | Chapter Sequencing and Designing. |  |  |  |
| 11 |  | Reporting to guide about Chapters. |  |  |  |
| 12 |  | Merging of all individual chapters into  one single project |  |  |  |
| 13 |  | Draft copy of report. |  |  |  |
| 14 |  | Final report |  |  |  |
| 15 |  | Presentation & oral |  |  |  |
| 16 |  | Final submission |  |  |  |

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##### Prof.G.N.Handge

**Name & Signature of Course Teacher/Guide**

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**Rubrics for Evaluation of Micro Project**

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| **Academic Year :- 2021-22** | **Scheme :- I** |
| **Semester :- V** | **Class:- TYCM** |
| **Name of Course :- Environmental Studies** | **Course Code:- (22447)** |

**Group Members:-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.**  **No.** | **Roll No.** | **Enrollment Number** | **Exam Seat No.** | **Name of the Student** | **Signature of student** |
| **1** | 46 | 1910020362 | 215646 | Savant Omkar Vitthal |  |
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| **3** | 48 | 1910020364 | 215648 | Shimpi Om Vilas |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No**  **.** | **Criteria** | **Indicators of different levels of performance** | | | | | **Marks obtained** |
| **Poor (01)** | **Satisfactory**  **(02)** | **Good (03)** | **Very Good**  **(04)** | **Excellent**  **(05)** |
| **1** | **Selection Of Topic** |  |  |  |  |  |  |
| **2** | **Concept/ Content/ Function Descriptions** |  |  |  |  |  |  |
| **3** | **Report Designing and Understanding** |  |  |  |  |  |  |
| **4** | **Questions and Answers** |  |  |  |  |  |  |
| **5** | **Timely Submission** |  |  |  |  |  |  |
| **Total marks Out of 25** | | | | | | |  |
| **Marks Out of 6** | | | | | | |  |

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| **Prof. G. N. Handge** |
| **Name & Signature of Course Teacher/Guide** |

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| **Institute Code: 1002** |
| **COMPUTER TECHNOLOGY DEPARTMENT** |

**ANNEXTURE II**

|  |  |  |
| --- | --- | --- |
| **Academic Year:** 2021-22 | **Name of Faculty:** Prof. G. N. Handge | |
| **Course: Environmental Studies** | **Course code:(22447)** | **Semester:** V |

**Title of the project: A Report on Sources of Energy**

### COs addressed by the Micro Project:

#### **CO-447.1** Develop Public awareness about environment.

**CO-447.2** Select alternative energy resources for Engineering Practice.

**CO-447.3** Conserve Ecosystem and Biodiversity.

**CO-447.4** Apply techniques to reduce Environmental Pollution.

**CO-447.5** Manage social issues and Environmental Ethics as lifelong learning.

##### Major learning Outcomes achieved by students by doing the Project:

1. **Practical Outcomes**

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##### Unit outcomes in cognitive domain

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##### Outcomes in affective domain

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##### Comment/Suggestions about team work/leadership/inter-personal communication (if any)

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| **Roll. No.** | **Enrollment no** | **Exam seat no** | **Student Name** | **Marks out of 6 for performance**  **in group activity** | **Marks out of 4 for performance**  **oral/ presentation** | **Total out of 10** |
| 46 | 1910020362 | 215646 | Savant Omkar Vitthal |  |  |  |
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| **Prof. G. N. Handge** | **Prof. P. D. Boraste** |
| **Course Teacher/Guide** | **H.O.D** |