**COMPUTER ENGINEERING**

**TITLE OF MICRO-PROJECT: -**WORKING CIRCUIT OF ELECTRONIC DICE

***GROUP MEMBERS***

|  |  |  |
| --- | --- | --- |
| **ROLL NO** | **CLASS** | **NAME OF MEMBER** |
| 2202 | CO3I | VARUN CHAUDARI  **(GROUP LEADER)** |
| 2203 | CO3I | DRAVIN CHAUHAN |
| 2217 | CO3I | HERAMB PAWAR |

**GUIDE NAME :- MRS. MINI VISHWANATH**

**PART A PLAN**

**TTITLE OF MICRO-PROJECT *:-*** WORKING CIRCUIT OF ELECTRONIC DICE

1. **BRIEF DESCRIPTION :-**

* THE ELECTRONIC DICE IS USED IN ALL TYPE OF GAMES WHERE A NORMAL DICE IS USED.
* THE ELECTRONIC DICE USED SO THAT NO ONE CAN CHEAT WHILE PLAYING A CERTAIN GAME.
* IT. CONSIST OF 7 LED ARRANGED IN ‘H’FORMAT AND THE RESPECTIVE NUMBER DISPLAYED BY GLOWING THE REQUIRED LED.
* THE ELCTRONIC CIRCUIT IS BIASED AND CAN BE RE-BIASED IF IT BECOMES UNBIASED.
* THE 1 ST LED GLOWS IF THE COUNT IS 1 AND THE 2 LED WILL GLOW IF THE COUNT IS 2 AND SO ON.
* THE IC 4017 IS KNOWN AS DECADE COUNTER.

1. **AIM OF MICRO-PROJECT:-**

THE MICRO-PROJECT AIMS TO :-

* STUDY THE WORKING PRINCIPAL OF ELECTRONIC DICE.
* STUDY ABOUT THE STRUCTER OF IC 4017 AND ITS USES.
* STUDY ABOUT THE CIRCUIT CONSTRUCTION OF ELECTRONIC DICE

**3.0 ACTION PLAN :-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR NO** | **DETAIL OF ACTIVITIES** | **PLAN START DATE** | **PLAN END DATE** | **NAME OF TEAM MEMBERS** |
| 1 | GROUP FORMED & GROUP LEADERS WERE ELECTED ALSO DETAILED INFORMATION ON MICRO PROJECT WAS GIVEN | 11/12/18 | 21/12/18 | VARUN CHAUDARI |
| 2 | FINALIZATION OF MICROPROJECT AS WELL AS DETAILED DISCUSSION REGARDING TOPIC | 24/12/18 | 4/1/19 | HERAMB PAWAR |
| 3 | PLANNING OF MICRO-PROJECT REGARDING MAKING OF CIRCUIT, RESOURCES REQUIRED, ,SUBMISSION DATE AND COMPLETING PART A PLAN OF MICRO – PROJECT | 7/1/19 | 18/1/19 | DRAVIN CHAUHAN |
| 4 | COMPLETE ANALYSIS OF MICRO-PROJECT & DISTRIBUTION OF WORK AMONG GROUP MEMEBERS | 21/1/19 | 1/2/19 | VARUN CHAUDARI |
| 5 | DISPLAYING IT TO GUIDE | 4/2/19 | 15/2/19 | HERAMB PAWAR |
| 6 | CORRECTION OF ERRORS | 18/2/19 | 1/3/19 | DRAVIN CHAUHAN |
| 7 | PRESENTATION OF OF MICRO-PROJECT INFRONT OF GUIDE BY EACH GROUP MEMBER AND  PREPARING OF PART B PLAN FOR MICRO-PROJECT | 4/3/19 | 15/3/19 | HERAMB PAWAR |
| 8 | SUBMISSION OF MICRO-PROJECT | 18/3/19 | 22/3/19 | VARUN CHAUDARI |

1. **RESOURCES USED :-**

|  |  |  |  |
| --- | --- | --- | --- |
| **SR NO** | **NAME OF RESOURCE/COMPONENT** | **SPECIFICATION** | **QUANTITY** |
| 1 | LED | RED | 7 |
| 2 | IC | 4017 | 1 |
| 3 | BREADBOARD |  | 1 |
| 4 | CONNECTING WIRE | ANY COLOR | 1 MTR |
| 5 | BATTERY | 30V | 1 |