**Emerging Trends In Electronics Micro-Project  Proposal.**

1. **Title Of Micro-Project :**

To study and prepare a detail report on Digital factory Industry 4.0 standards.

**2.0 Aims / Benefits of this Micro-Project :**

1. The aim of the micro project is to understand a ongoing 4th industrial revolution on automation of traditional manufacturing and industrial practices .
2. to find out the various standard compliance with industry 4.0 .
3. to find out the challanges related to i4.0 implementation

**3.0 Course Outcomes Addressed :**

* Suggest the relevant components for the emerging applications.
* Suggest the different electronic systems for smart world.
* Suggest the relevant IoT technologies for Digital Factory.

**4.0 Proposed Methodology :**

Basically our micro-project will be in 4 part as follows:

1. In 1st part discussing with all the group members. Due to the ‘Covid 19’ situation all the  group members has discuss online through zoom meeting.
2. In the 2nd part we all have collected information about the topic.
3. In the 3rd part we will prepare the reoprt. After preparing the report we will take  concerntion from our mentor.
4. The 4th part includes the micro project submission to the teacher. Where we will get our  results based on the project execution.

**5.0 Action Plan :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Detail of Activity** | **Planned Started Date** | **Planned Finish Date** | **Name of   Responsible Team Members** |
| 1. | Selecting the Micro-Project. | 28-03-2021 | 03-04-2021 | Prathamesh , mohish,mandar ,mohit |
| 2. | Discussion of Micro-Project. | 03-04-2021 | 08-04-2021 | Mohit ,mandar |
| 3. | Proposal of Micro-Project. | 08-04-2021 | 10-04-2021 | Prathamesh , mohish |
| 3. | Searching Infromation For  Project. | 10-04-2021 |  |  |
| 4. | Preparing report. |  |  |  |
| 5. | submit report to the  guide . |  |  |  |

**6.0 Resources Required :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name of Resources** | **Specification** | **Qantity** |
| 1. | Computer / Laptop | Any Destop Computer | 1 |
| 2. | Microsoft word | 2007 | 1 |

**7.0 Names Of Team Members With Enrollnment Number :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Roll no.** | **Name** | **Enrollment no** | **Mobile no.** |
| 11 | Prathamesh Ganesh Saraf | 1800180265 | 8624975041 |
| 23 | Mohit Ravindra Bhangale | 1800180288 | 7620839202 |
| 24 | Mandar Balu Patil | 1800180290 | 9284587732 |
| 25 | Mohish Nilesh Khadse | 1800180291 | 9370012275 |