COMPUTER ENGINEERING

**TITLE OF MICRO-PROJECT: -** MICRO-PROJECT ON CONDUTING A SURVEY AND WRITING INFORMATION ABOUT DIFFERENT TYPES OF COMMUNICATION NETWORK

**GROUP MEMBERS**

|  |  |  |
| --- | --- | --- |
| **ROLL NO** | **CLASS** | **NAME OF MEMBER** |
| 2202 | C04I | VARUN CHAUDRI  (GROUP LEADER) |
| 2203 | CO4I | DRAVIN CHAUHAN |
| 2217 | CO4I | HERAMB PAWAR |

**GUIDE NAME**: - MRS.MONAL MALAGE

PART A PLAN

**TTITLE OF MICRO-PROJECT:** **–** TO CONDUCT A SURVEY AND WRITE ABOUT DIFFERENT TYPE OF COMMUNICATION NETWORK

1. **BRIEF DESCRIPTION**: -

* A NETWORK CONSISTS OF TWO OR MORE COMPUTERS THAT ARE LINKED IN ORDER TO SHARE RESOURCES (SUCH AS PRINTERS AND CDS), EXCHANGE FILES, OR ALLOW ELECTRONIC COMMUNICATIONS.
* THE COMPUTERS ON A NETWORK MAY BE LINKED THROUGH CABLES, TELEPHONE LINES, RADIO WAVES, SATELLITES, OR INFRARED LIGHT BEAMS
* DIFFERENT TYPES OF COMPUTER NETWORK ARE: -
* LOCAL AREA NETWORK (LAN)
* WIDE AREA NETWORK (WAN)
* METROPOLITIAN AREA NETWORK (MAN)
* PERSONAL AREA NETWORK (PAN), ETC
* **LAN:** A LOCAL AREA NETWORK (LAN) IS A [COMPUTER NETWORK](https://en.wikipedia.org/wiki/Computer_network) THAT INTERCONNECTS COMPUTERS WITHIN A LIMITED AREA SUCH AS A RESIDENCE, SCHOOL, LABORATORY, UNIVERSITY CAMPUS OR OFFICE BUILDING.
* **WAN:** A WIDE AREA NETWORK (WAN) IS A TELECOMMUNICATIONS NETWORK THAT EXTENDS OVER A LARGE GEOGRAPHICAL AREA FOR THE PRIMARY PURPOSE OF COMPUTER NETWORKING**.**
* **MAN:** A METROPOLITAN AREA NETWORK (MAN) IS A COMPUTER NETWORK THAT INTERCONNECTS USERS WITH COMPUTER RESOURCES IN A GEOGRAPHIC REGION OF THE SIZE OF A METROPOLITAN AREA.

**2.0 AIM OF MICRO-PROJECT: -**

THE MICRO-PROJECT AIMS TO

* CONDUCT A SURVEY ON DIFFERENT TYPES OF COMMUNICATION NETWORK
* STUDY AND COMPARE DIFFERENT COMPUTER NETWORK
* STUDY ABOUT HOW DATA IS TRANSFERRED OVER A SPECIFIC GEOGRAPHICAL AREA
* STUDY ABOUT THE ADVANTAGES AND DISADVANTAGES OF DIFFERENT COMMUNICATION NETWORK
* TO COMPARE DIFFERENT TYPE OF COMMUNICATION NETWORK ON THE BASES OF THEIR:
* SPEED
* RANGE
* SECURITY
* MAINTENANCE/BACKUP, ETC

**3.0 ACTION PLAN: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR NO** | **DETAIL OF ACTIVITIES** | **PLAN START DATE** | **PLAN END DATE** | **NAME OF TEAM MEMBERS** |
| 1 | GROUP FORMED ACCORDING TO ROLL NO & GROUP LEADERS WERE ELECTED ALSO DETAILED INFORMATION ON MICRO PROJECT WAS GIVEN | 9/12/19 | 20/12/19 | VARUN CHAUDARI |
| 2 | FINALIZATION OF MICROPROJECT AS WELL AS DETAILED DISCUSSION REGARDING TOPIC | 23/12/19 | 3/1/20 | DRAVIN CHAUHAN |
| 3 | PLANNING OF MICRO-PROJECT REGARDING LANGUAGE, RESOURCES, SOFTWARE USED, SUBMISSION DATE AND COMPLETING PART A PLAN OF MICRO – PROJECT | 6/1/20 | 17/1/20 | HERAMB  PAWAR |
| 4 | COMPLETE ANALYSIS OF DESIGN PART OF MICRO-PROJECT & DISTRIBUTION OF MODULE AMONG GROUP MEMEBERS | 20/1/20 | 31/1/20 | VARUN CHAUDARI |
| 5 | GETTING IT FINALIZED BY THE GUIDE | 3/2/20 | 14/2/20 | DRAVIN CHAUHAN |
| 6 | IMPLEMENTATION OF  PROJECT REPORT | 17/2/20 | 28/2/20 | HERAMB  PAWAR |
| 7 | PRESENTATION OF 1ST PART OF MICRO-PROJECT INFRONT OF GUIDE BY EACH GROUP MEMBER AND  PREPARING OF PART B PLAN FOR MICRO-PROJECT | 2/3/20 | 13/3/20 | DRAVIN CHAUHAN |
| 8 | SUBMISSION OF MICRO-PROJECT | 16/3/20 | 17/3/20 | VARUN CHAUDARI |

**4.0** **RESOURCES USED: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR NO** | **NAME OF RESOURCES REQUIRED** | **SPECIFICATION** | **QUANTITY** | **REMARKS** |
| 1 | COMPUTER | **PROCESSOR-**AMD  **HARD DISK-**2 TB  **RAM-**16GB  **OPERATING SYSTEM-**WINDOWS 10 PRO | 1  1  1  1 | HARDWARE USED |
| 2 | MICROSOFT WORD | MS OFFICE 2010 | -- | SOFTWARE USED |
| 3 | REFERENCE | WIKIPEDIA. ORG, GOOGLE. COM | | |