|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Activity** | **Target date** | **Time required** | **Status** | **Responsible person** | **Remarks** |
|  | Planning the hardware design for TDS, Temperature sensor, turbidity, pH, water Level |  |  |  |  |  |
|  | Block diagram | 4-11-20 | 1 day |  | Usha |  |
|  | Schematics design for TDS, Temperature sensor, |  |  |  |  | Need to discuss with niranjan |
|  | BOM design for TDS, Temperature sensor, |  |  |  |  |
|  | Layout design for TDS, Temperature sensor, |  |  |  |  |
|  | PCB fabrication design for TDS, Temperature sensor, |  |  |  |  |
|  | Assembly design for TDS, Temperature sensor, |  |  |  |  |
|  | Calibration |  |  |  |  |  |
|  | Software design for TDS & Temp |  |  |  | Usha & Suhas |  |
|  | Coding and optimization for TDS & Temp |  |  |  |  |
|  | Software design for TDS & Temp, turbidity, pH, water Level |  |  |  |  |  |
|  | Coding and optimization for TDS & Temp&, turbidity, pH, water Level |  |  |  |  |  |
|  | Integration |  |  |  |  |  |
|  | Mechanical enclosure & packaging |  |  |  |  |  |
|  | Testing |  |  |  |  |  |
|  | Deployment |  |  |  |  |  |