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**Project Plan:**

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| **SN** | **Task** | **Academic Year 2022-23** | | | | | | | | | | |
| **Feb** | **Mar** | **Apr** | **May** | **June** | **July** | **Aug** | **Sept** | **Oct** | **Nov** | **Dec** |
| 1 | Literature Survey |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Theoretical Study |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Design and Development |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Experimental setup preparation |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Testing & Measurement |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Analysis and verification |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Presentation |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Report writing |  |  |  |  |  |  |  |  |  |  |  |

**Selected References:-**

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| [1] | Mehamed Ahmed Abdurrahman (2015) Sensor Based Automatic Irrigation Management System : International Journal of Computer and Information Technology (IJCIT) , Vol.04, Issue. 03, pp. 05-15 |
| [2] | Bishnu Deo Kumar, Prachi Shrivasthav, Reetika Agrawal and Vanya Tiwari (2017), Microcontroller based automatic plant irrigation system : International Research Journal of Engineering and Technology (IRJET), Vol.04, Issue. 05, pp. 05-17 |
| [3] | Raja. G, Abhiraj. R, Arunkrishnan, Febin Malik, Jesu Jorof Divin. J and Rajarathinum (2018), Smart Polyhouse Farming Using Iot Enviroment: International Journal Of Trend in Scientific Reasearch and Development (IJTSRV) , Vol.02, Issue. 03, pp. 03-18 |
| [4] | R.Nageswara Rao,B.Sridhar(2018)IOT Based Crop Filed Monitoring And Automation Irrigation System: second international coferance on inventive system and control(ICISC)This system is used for controlling and monitoring of crop field and this research paper describe the block diagram of IOT based automatic crop field monitoring. |
| [5] | G.K.Banerjee,Rahul Singhal(2010)Microcontroller based polyhouse automation controller :International symposium on electronic system design.  In this research paper they discussed that how to control the temperature and relative humidity inside polyhouse using microcontroller. |
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