Pune Institute of Computer technology, Pune

**Department of Electronics and Telecommunication**

**T. E Mini project feasibility study sheet**

Sem-II 2022-23

Title: Design Simulation And Fabrication Of Antenna For MBAN Application.

Group members:

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| **Tools required** | **Testing possibility** | **Controller** | **Any Cost** |
| **Hardware/components**  **FR4 material**  **Connector** | **Hardware Yes** |  |  |
| **Software**  **HFSS(High frequency Structure Simulator)** | **Software Yes** | **No need of controller in software** |  |
| **Tools available within campus**  **or outside** | **Sensors required** | **Signal conditioning if any** |  |
| **Campus** | **No** |  |  |
| **Applications if any** | **PCB design and fabrication** | **Datasheets/ application**  **notes available** |  |
| **Monitor patients' physiological data in real-time, allowing doctors and healthcare professionals to closely monitor patients' health conditions** | **Yes** |  |  |
| **Mechanical design** | **Enclosure design** | **Demonstration** |  |
| **Yes** |  | **Yes , demonstration is possible** |  |

Signature of Guide