



**NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY  
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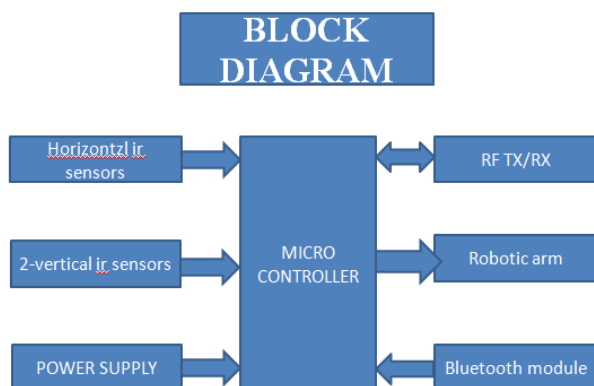
**Project Title:-wireless bomb diffusion robotic arm by haptic gestures.**

**Abstract: The project aims to develop Robotic Arm, Whose movements can be controlled by Moving the controlling person's arm. The Robotic Arm mimics the movements Of the controller's arm. The movements of the user's arm are sensed By using a set of R-F pairs attached To the joints of the arm. As the position of The arm changes, the corresponding parameters have also changed. The movement of the user arm will decide the corresponding movement of the robotic arm.**

**Major Hardware components used:-  
R-f pairs  
Robotic arm  
D.C. Motors  
Bluetooth module  
Robot chasis  
Connectors  
Controller  
Bluetooth application.**

**Applications: Bomb diffusion , military services , during riots and in sensitive areas, chemical plants.**

**Block /circuit Diagram :-**



**Approximate cost: INR6000.**

