VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A

PROJECT WORK ON

"DEVELOPMENT OF WIRELESS CONTROLLED ROBOTIC PALM"

Carried out

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ABSTRACT

This project involves gesture recognition based on sensor arrays embedded on a smart glove. The sensors mounted on the hand; recognizes the hand movement and wirelessly transmits to a base board. The base board shall be equipped to control a number of servo motors. Based on the movement of hands i.e. based on gestures made by the person wearing the glove a robotic arm attached to the baseboard shall respond in the similar manner. This method is extensively used in the field of animatronics, medical applications and many more related areas.