

# **AUTOMATED WHEEL CHAIR CUM STRECTCHER FOR PHYSICALLY CHALLENGED**

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**PROJECT DESCRIPTION:**

This paper talks about the design and development of a low cost wheelchair cum stretchers which facilitates disabled patients mobility and provides novel medical equipment for using the Indian hospital. It develops a system which is capable of shifting various positions(chair, stretcher manually) using joystick which is controlled by Arduino board and AT mega 328p controller and is programmed using Arduino IDE, as an advancement this paper also provides an additional facility to access home appliance with a ease from wheel chair with help of RF technology.