ABSTRACT

DEVELOPMENT OF AIR MUSCLE EXO SKELETON

The future of technology lies significantly in the field of R&D. With extensive research and the desire to obtain abilities beyond the human capability, the concept of anthropomorphic equipment came into being. The thirst for indomitable power was quenched by the development of the "Human Exoskeleton." A Human Exoskeleton also known as Powered Armour, Exoframe, Hardsuit, or Exosuit, is a wearable mobile machine that can be powered by a system of motors, pneumatics, levers, or hydraulics that amplifies the force of the operator and enables them to possess superhuman strength. Muscle sensor, microcontroller and relay are used in this project.

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