

# HYDRAULIC KNEE JOINT



## Brief Description

The objective of this device is to rehabilitate amputees of leg (above knee). It consists of Fixed Pivot Knee, having a linear type hydraulic damper and an extension assist spring housing arm. The joint bends as natural knee with speed can be adjusted according to the patient.

## Specifications

- Compressive strength up to 220 lbs
- Low profile design allows kneeling with reduced chance of damage to clothes
- Knee ball rounded flexion =  $120^{\circ}$
- Locking: Automatic on standing

## Features

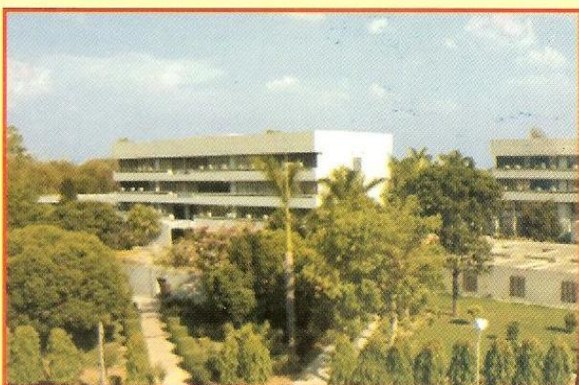
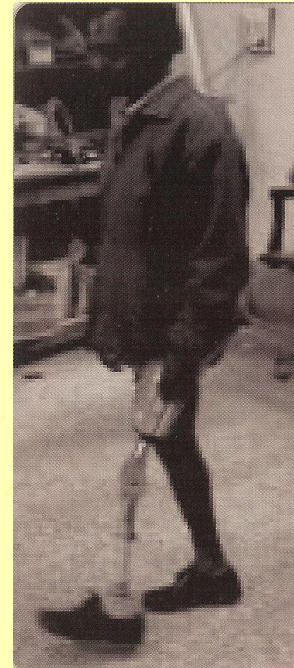
- Simple in manufacturing, light weight
- Low manufacturing cost

## Applications

Prosthesis for amputees of lower limb

## Possible users

- Armed Forces
- Industry workers
- Accident victims



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