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(57) Abstract :

The Sensor Based Intelligent Robotic Device to Detect Falling of Elder People and Safety Mechanism (SIRD) helps the elderly people to make use of the SIRD in an automatic manner. Sensor kit contains various sensors to sense the various measurements and communicate to control unit dynamically. Wearable airbag coat helps to protect the user from injuries in an automatic manner. Relatives, fire service, hospitals and ambulance are helps the user when the information received. The SIRD control unit monitors the successful functioning of the whole SIRD system. By using this SIRD, the elderly people to make use of the SIRD in an automatic manner and protect from injuries.

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