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IIT-K brings out health monitoring device for elderly

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The sensor will be integrated to a Complete Sleep Monitoring System with Android App which can be monitored remotely.



IIT Kharagpur engineers have devised a unique old age health monitoring service for the elderly. The service called OASIS (Old Age Support Integrated Services) is an integrated system for the elderly providing 360 degree solutions to their health problems through fall sensors, heart rate sensors, infra-red sensors, motion sensor, radar sensor and pressure sensor.

The sensor will be integrated to a Complete Sleep Monitoring System with Android App which can be monitored remotely. The health care monitoring services will be available in wearable forms like pedometer or fall sensor, in thermal sensory equipment or radar equipment or an attendance system.

The device will monitor the elderly 24x7 and send health information in real-time through a cloud information system to the care giver or family member connected for the elderly person under monitoring.

It is a comprehensive structure that would act as an information system on one hand and a health monitoring system on the other hand for the elderly. OASIS is currently looking for corporate partners in the area of CSR who could help subsidise the device.