

ఆపదలో ఉన్న మహిళకు రక్షణ 'నిర్భయ'

ధతులు దీనిని కనుగొన్నారు... తనీబుల్ తయారుచేసింది
నిర్భయము నెల్ ఫోన్తో అనుసంధానం చేసే మరుక్షణం
అది పనిచేయడం ప్రారంభమైంది. దీని ద్వారా తనీబుల్
మాత్రం వెల్లడించబడింది. త్వరలో ధనము నిర్ణయించే
మనీ... అది అందుబాటులోనే ఉంటుందని తనీబుల్
ఉత్పాదకదారు ఒకరు వివరించారు.

Device to help people in distress to hit the market soon

R.K. Sinha, Secretary, Department of Atomic Energy, said the design of the product started after the Delhi gang-rape on December 16 last year.

ECIL launches 'Nirbhaya' distress alarm

TIME'S NEWS NETWORK

Dr Ratan Kumar Sinha, Chairman, Atomic Energy Commission and Secretary, Department of Atomic Energy (DAE) released the product in Mumbai. Dr R Chidambaram, principal scientific advisor, P Sudhakar, Chairman and Managing Director, ECIL, S S Bajaj, Chairman, Atomic Energy Regulatory Board (AERB), C K Pithawa, Director (E&I), Bhabha Atomic Research Centre (BARC), Anil Kumar, Inspector General (Security), DAE and other senior officials of the department were present.

Our Bureau

The device when activated in an emergency situation will send text messages to five mobile numbers with latitude and longitude of the person under attack. These geographical coordinates will help the police track down the real-time movement of the person.

SIGNAL VIA BLUETOOTH

The device sends the distress signal to the cellphone using bluetooth, which then gets forwarded as an SMS to the numbers. For the device to be effective, it needs to be continuously connected with handset using the bluetooth gateway. Weighing about 100 gm, the device can easily be carried inside a pocket or purse.

Chairman and Managing Director of ECIL P. Sudhakar said the device comes along with a software and it needs to be configured on the cell-phone, which then sends a pre-formatted text message to cell-phone numbers, of parents, relatives and friends.

It operates on a rechargeable battery, which has a standby time of over four days and an active time of more than 12 hours. The battery can be charged using a standard mobile charger. The ECIL plans to sell the device for about Rs 3,000 and soon it would be available in retail stores, he said.

The Hindu Business Line

‘నిర్ణయ’ పేరున ఎలక్ట్రానిక్ పరికరం

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సినోలో ఈ పరికరం పనిచేస్తుంది. ఈ పరికరాన్ని శుభ్రపారం ముందరిలో జరిగిన ప్రత్యేక కార్యక్రమంలో ఆజ్ఞా ఇంపర్వీలతో (డి.వి.ఆం.) చైర్మన్ బాక్సర్ రెవెన్యూమంత్రి సిద్ధా ఆధిపత్యంలోంచి. బాక్సర్ పరికరాలను రూపకల్పన చేయగా, ఈ సినోలో నుండి 'నిర్మయ' పరికరాలను, భూగర్భం, సామగ్రిని శుభ్రపరిచే సామగ్రిని, రోజువారీగా ఉపయోగించే

ఆపద వేళ అండగా నిర్భయ అలారంభ

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Namasthe Telangana

ECIL launches 'Nirbhaya'- a GPS-based tele distress alarm device

OUR BUREAU

Hyderabad: With an aim to protect women from the rising sexual assault cases, Electronics Corporation of India Limited (ECIL) has launched a unique product 'Nirbhaya', a GPS-based Tele Distress Alarm Device. Releasing the innovative product at Anushakti Nagar in Mumbai on Saturday, Dr Ratan Kumar Sinha, Chairman, Atomic Energy Commission and Secretary, Department of Atomic Energy (DAE) said, "Self reliance is the guiding beacon of DAE and brings out innovative products regu-

P Sudhakar (left), Chairman & Managing Director, ECIL and Dr Ratan Kumar Sinha, the Chairman of AEC, and Secretary of DAE, displaying the innovative product to the media in Mumbai on Saturday

"Nirbhaya", which is developed at BARC, Mumbai and marketed by ECIL, is a compact electronic device that just on pressing a switch sends information to near and dear ones, including police, in case of severe distress or fear of attack.

formatted message through SMS along with its location to pre-selected five cell phone numbers - of parents, relatives, friends, family doctor and police - thus assuring that help is on hand when needed.

Dr R Chidambaram, Principal Scientific Advisor to Govt of India, P Sudhakar, Chairman & Managing Director, ECIL, SS. Rajaj, Chairman, Atomic Energy Regulatory Board, CK. Pitawha, Director (E&I), BARC, Anil Kumar, Inspector General (Security), DAE and high ranking officials from DAE Units were present at the occasion.

Hindi Milap

'Nirbhaya' Distress Alarm Launched



secretary in the department of atomic energy RK Sinha displaying 'Virbhaya' at a function held in Mumbai on Saturday.

Express News Service

Hyderabad: The Election of India Limited (EIL) government undertaking a unique product 'Nirbh'

Chairman of the Atomic Energy Commission Ratan Kumar Sinha said that self-reliance is the guiding beacon of DAE as innovative products regularly find their way into house hold research development. Such product is 'Nirbhaya' which immensely benefits large society. 'Nirbhaya' is developed and commercialised by the compact electronic device in conjunction with a cell phone information to near and including police in case of stress or fear of attack.

send SMSes to five chosen contacts about the user's location through the mobile. It could primarily aid women in distress situations such as an attack or a medical emergency. "The SMS alert has a pre-formatted user defined message and GPS coordinates (location) of the device. It will continue to send the latest GPS location every minute to the five programmed phone numbers. It is paired with users' cell phones through bluetooth."

This simple device launched by ECIL will be very helpful to children, students, working women and senior citizens. It can easily be carried inside a pocket or purse.

R Chidambaram, principal scientific advisor to the Central government, P Sodhakar, chairman & managing director, ECIL, SS Bajaj, chairman, Atomic Energy Regulatory Board (AERB), CK Pithawa, Director (E&I), Bhabha Atomic Research Centre (BARC) and others were also present on the occasion.

Indian Express

Hans India

“Nirbhaya” Press Clippings in Mumbai

Nirbhaya, a tele-alarm for people in distress, debuts today in city

MIHIKA BASU
MUMBAI, NOVEMBER 21

NAMED AFTER Delhi gangrape victim, the 100-gm device linked to the user's cell sends alerts to five pre-selected numbers in case of an emergency

The device, used in conjunction with a cellphone, sends information to family, friends and the police in case of an attack, distress or any kind of emergency faced by the user.

The device has been developed by the Bhabha Atomic Research Centre (BARC) and is being manufactured by BHEL.

"Initially, we have manufactured a few hundred units and we will launch the product in Mumbai on November 22. We have plans to manufacture in a big way. Based on the market response we get from metro cities like Mumbai, we will decide on the distribution channel. The product may cost around Rs 3,000," said B P R Murthy, general manager of ECIL.

Weighing 100 gram, the device can easily be carried inside the pocket or purse and requires a cellphone to function. It is pulsed with the user's cell-

phone via bluetooth. When activated, it sends an SMS to five chosen contacts about the person's location through the mobile phone. The device will continue to send the latest GPS location every minute to the five programmed phone numbers.

"During an emergency, a switch provided on the device needs to be pressed. It automatically sends a signal on bluetooth to the cellphone along with its GPS location. The software loaded on the cellphone sends a pre-formatted message through SMS to

pre-selected five cellphone numbers, which could be of parents, relatives, friends and police. Nirbhaya can thus ensure that help is at hand when needed," said an ECIL official.

The device operates on a 700 mAh rechargeable Li-Ion battery and provides standby time of over four days and an active time of more than 12 hours. The battery can be charged using a mobile charger. According to ECIL, the device is rugged and cannot be destroyed easily.

MUMBAI
THE HINDU • BUSINESS LINE
SATURDAY, NOVEMBER 23, 2013
MUMBAI

ECIL unveils personal distress alarm device

Our Bureau
Mumbai, Nov 22
Electronics Corporation of India Ltd (ECIL) on Friday launched a distress alarm device called Nirbhaya.

The device when activated in an emergency situation will send text messages to five mobile numbers with latitude and longitude of the person under attack. These geographical coordinates will help the police track down the real-time movement of the person.

SIGNAL VIA BLUETOOTH
The device can be controlled via Bluetooth.

The device sends the distress signal to the cellphone using bluetooth, which then gets forwarded as an SMS to the numbers. For the device to be effective, it needs to be continuously connected with handset using the bluetooth gateway. Weighing about 16 gm, the device can easily be carried inside a pocket or nurse.

In January, scientists at the Bhabha Atomic Research Centre decided to develop the device after the understanding of the plight of the victim in the Delhi rape case. Under the leadership of C.K. Pithawa, Director of Electronics and Instrumentation Group at BARC, the device was developed in six months and then it was handed over to ECIL for commercialisation.

Chairman and Managing Director of ECIL P. Sudhakar said the device comes along with a software and it needs to be configured on the cell phone, which then sends a pre-formatted text message to cell phone numbers, of parents, relatives and friends.

able battery, which has a standby time of over four days and an active time of more than 12 hours. The battery can be charged using a standard mobile charger. The ECI plans to sell the device for about Rs 3,000 and soon would be available in retail stores, he said.

The Hindu
Business Line
23.11.2013

BARC unveils 'Nirbhaya' distress alarm device

Srinivas Laxman | Two

Mumbai: BARC launch distress alarm device on Feb 15 which it said could be more useful than phone app. Called Nibhaya, the device has been developed by the electronics division of BARC.

bad-based Electronics Corporation of India. In a cellphone app one has to unlock the handset, tap on the app and press an on-screen button to send out a distress message. But a person can simply reach the Nityatara device in their pocket and press the button, without looking at it. BARC's electronics and instrumentation group, said it has a GPS chip and can be used with any mobile with a bluetooth. The device costs Rs 3,000 and will send the user's GPS location to their cellphone, which will send it to the preselected numbers. He said it will be a pin

BARC's electronics and instrumentation group, said it has a GPS chip and can be used with any mobile with a bluetooth. The device costs Rs 3,000 and will send the user's GPS location to their cellphone, which will send it to five preselected numbers. He said it will be avail-

Times of India 23.11.2013

AFTERNOON,
MUMBAI 23/11/13 IN TIMES OF DISTRESS...



Electronics Corporation of India Ltd, along with the Department of Atomic Energy, inaugurated 'NIRIDAKTA', a GPS-based tele-distress alarm device which will be used in conjunction with a cell phone, and will send information to rear and dairies and also the police, in case of severe distress or fear of attack, at Anusandh Nagar in Mandir, on Friday.

Afternoon 23.11.2013

**Tele distress alarm device
Nirbhaya launched**

BY REPORTER
Mumbai, 22 November

Bharat Atomic Research Centre (BARC) and Electronics Corporation of India (ELCIL) have jointly launched Nirbhaya, a free distress alarm device.

The device has been named in memory of the victim of the

continue to send the latest GPS location every minute to five preprogrammed phone users. It is paired with a set of phones through Bluetooth.

Prakash said the light, compact device was easy to carry, adding it couldn't be tampered with.

Atomic

On Tuesday, the FBI said it had received information that the device could be used to track a person's location through the mobile phone's GPS system. The FBI said it had received information that the device could be used to track a person's location through the mobile phone's GPS system. The FBI said it had received information that the device could be used to track a person's location through the mobile phone's GPS system.

switch is activated, the device could send SOS signals to the person closest to the victim, or even broadcast through a radio network. It could primarily be used in densely populated areas, such as at NFL games, where the emergency response time is very short. "It would be a very good idea to have a device that would be able to send out a SOS signal," says a FEMA spokesman. "It would be a good idea to have a device that would be able to send out a SOS signal," he says.

Business Standard 23.11.201

स्त्रियांना 'निर्भय'
करण्यासाठी ...

આચાર્ય દાનિભીષી, મુંબઈ

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उपकरण सुलभ व

[illegible]

અન્યરચકાં કાઢી

- સોયફૂલગાંઠીને શનુ દૂધ સુધા અડાવે.
- વા ટેકામણને ઓલિવોયાસ સોયફૂલર ટેકાને મારાવે અઠે.
- ટમ્કામણગાંઠીને ટેકા ભાલ ફાલવાસ તે પાળે કામવાસ ટેકાને.
- તે અકામવા પામવાસુલ દૂર ટેકાને.
- મારાન કાલકાસે દાલગાંઠીને મળા વાનુ ભડે.

Loksatta 21.11.2013