Derailment of Jagdalpur – Bhubaneswar Hirakhand Express near Rayagada in Andhra Pradesh

The derailment of Train No 18448 Jagdalpur – Bhubaneswar Hirakhand Express took place at Kuneru Railway Station in Vizianagaram district in Andhra Pradesh at Rayagada – Vizianagaram section at 2315 hrs on 21st January 2017.The accident site is at the border

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Train accident in Andhra Pradesh is extremely distressing: Union Home Minister

The Union Home Minister, Shri Rajnath Singh has said that the news of train accident in Andhra Pradesh is extremely distressing and deeply pained over the loss of precious lives. He was reviewing the situation of the train accident in Vizianagaram district of Andhra Pradesh as eight coaches of Hirakund Express derailed last night. He expressed his condolences to the families of the deceased.

PM condoles the loss of lives due to the derailment of Jagdalpur-Bhubaneswar Express train

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Press release: UK to lead the way in quantum technologies

Sir Mark Walport, Government Chief Scientific Adviser, sets out how the UK could lead in the application of quantum technologies in a report published today (3 November 2016) by the Government Office for Science.

Quantum technologies have already contributed to lasers, digital cameras, solar cells, GPS, and mobile communication. A new generation of quantum technologies are now emerging, which could allow accurate navigation without the need for GPS, enable detection of buried hazards, provide new methods for imaging the human body without exposure to harmful radiation, and potentially solve problems that would stump existing super computers.

The UK is among the world leaders in quantum research and the report, 'The quantum age: technological opportunities', highlights areas where the UK could maintain and even increase its lead. It highlights the implications of quantum technologies for the UK economy and the ways in which they could improve peoples' lives over the next 15 years.

The report argues that the UK could enhance its international position and capitalise on this comparative advantage by:

- building on the progress made by the UK National Quantum Technologies Programme with increased coordination and partnership with the private sector, domestically and internationally
- establishing innovation centres bringing together academics and industrial partners to commercialise the technologies
- laying the foundations for a quantum technology industry in the UK

Sir Mark Walport said:

> The UK is playing a leading role in the research and development of quantum technologies. Quantum timekeeping, imaging, sensing, communications and computing have the potential to generate a large array of valuable new products and services.
>
> We must ensure we continue to commercialise the outputs from our excellent research base. We have an opportunity to develop a world class industry, supported by a skilled workforce and stimulated by global demand.

The report has been developed by Sir Mark Walport, the Government Chief Scientific Adviser, and Sir Peter Knight, Emeritus Professor of Quantum Optics at Imperial College London, with contributions from government, industry and academic experts from around the country.

Notes to editors

1. A full copy for the report can be found at: www.gov.uk/government/publications/quantum-technologies-blackett-review.
2. For further information, please contact Emma Griffiths, emma.griffiths@go-science.gsi.gov.uk, 020 7215 3497.

UK to lead the way in quantum technologies

A new report explores how the UK could benefit from quantum technologies.