



Approval for the Construction of Roads | Jharkhand | 06 Sep 2021

Why in News

- Recently, V.D. Ram, Member of Parliament from Palamu, said that the **Ministry of Home Affairs (MHA)** has approved the construction of nine roads and eight logistic support bridges under its **road connectivity project** for **Left Wing-Extremist** affected areas of **Palamu and Garhwa districts**.

Key Points

- Of the nine roads, **two are in Garhwa district and seven are in Palamu**, while all eight logistic support bridges are across the Sathi, Sapi, Satbahini and Pathalbaja rivers in Palamu district.
 - It is worth mentioning that these roads and logistic support bridges are sanctioned by the MHA only after the concerned District Superintendent of Police (SP) recommends it on its strategic value in the fight against extremism.
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Software for Estimation of Coal Resources | Jharkhand | 06 Sep 2021

Why in News

- Recently Coal India Limited (CIL) has launched a software named '**Spectral Enhancement (SPE)**'.
 - It will help to identify thin coal layers beneath the earth's crust and improve the estimation of coal resources using seismic surveys during the coal exploration process.

Key Points

- The **CIL's Research and Development (R&D)** arm **Central Mine Planning and Design Institute (CMPDI)** in collaboration with **Gujarat Energy Research and Management Institute (GERMI)** has developed this first of its kind software.
 - This '**Made in India**' software will also help in saving the time and cost of coal exploration, thereby giving a boost to the mission of '**Self-reliant India**' in coal production.
 - It is noteworthy that CIL accounts for 80 per cent of India's total coal production.
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National Teachers' Award to Manoj Kumar Singh | Jharkhand | 06 Sep 2021

Why in News

- On the occasion of Teachers' Day (September 5, 2021) **President Ram Nath Kovind** honored **Manoj Kumar Singh**, a teacher of **Hindustan Mitra Mandal School, Golmuri**, with the **National Teachers' Award, 2021** through a virtual medium.

Key Points

- Manoj Kumar Singh is the only recipient of this prestigious award from Jharkhand. He was given a **medal, a certificate and Rs 50,000** in the award.
- Manoj Kumar Singh, originally from Gaya in Bihar, had **prepared a mathematics book for JCERT** for classes 1 to 8th and used to teach mathematics to children even after the school was closed during Covid.
- He is known for teaching **complex mathematical concepts through innovative, practical and art-based pedagogy**, mostly done outside the classroom. He also conducts online learning through his YouTube channel '**Creative Learning with Manoj**'.
- He is also part of the e-content developer team of the **Jharkhand Council of Education Research and Training (JCERT)**, which has created online content for maths during the pandemic through the **DigiSchool app**.
- It is noteworthy that instituted in 1958, the 'National Teachers' Award' is **given by the Union Ministry of Human Resource Development** on Teachers' Day every year to give public recognition to meritorious teachers of primary, secondary and higher secondary schools.
- The award carries a silver medal, certificate and Rs 50,000.