

R&D in Coal Technologies

Posted On: 24 JUL 2024 4:42PM by PIB Delhi

Government has given high thrust on Research & Development (R&D) in coal technologies for improvement in existing uses and also in futuristic fields for diversification for long term sustainable growth. During 2023-24, Rs. 18.00 Cr was allocated for Research & Development under Central Sector Scheme. Further, during 2024-25, Rs. 21.00 Cr has been allocated under this scheme. Apart from this scheme, CIL & other CPSEs in coal sector are also making significant expenditure for the R&D activities.

The following steps have been taken by the Government in this regard:

A “National Centre for Coal & Energy Sector” (NaCCER) has been planned to be established at CMPDI, Ranchi.

Thrust areas identified for R&D activities, are as under:

- Production, Productivity, Safety and Exploration.
 - Environment, Ecology, Conservation and Sustainability.
 - Coal mining waste to wealth.
 - Clean Coal Technologies and Coal Beneficiation.
 - Alternative use of coal.
 - Renewable Energy.
- AI/ML/IoT based smart mining.
 - Technology Innovation and Indigenisation.

‘Hackathon on Coal Gasification’ has been organized during 2024-25 to harness a vital natural resource to meet the energy and chemical needs of the nation, fostering economic independence and environmental sustainability.

“Hackathons on R&D” are organized to promote “Make in India” initiatives in coal sector by giving wide publicity and make efforts to promote / encourage start-ups in coal and lignite sector.

This information was given by Union Minister of Coal and Mines Shri G. Kishan Reddy in a written reply in Lok Sabha today.

Shuhaib T

(Release ID: 2036362)