

GOVERNMENT OF INDIA  
MINISTRY OF MINES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. †2025**  
ANSWERED ON 11.02.2026

**OBJECTIVE OF CENTRE OF EXCELLENCE UNDER NCMM**

†2025. SHRI RAJPALSINH MAHENDRASINH JADAV:

Will the Minister of MINES be pleased to state:

- (a) the list of institutes recognized as Centres of Excellence (CoE) for Research and Development in the field of Critical Minerals and the details of their objectives and research topics;
- (b) whether any coordinated research strategy involving academic institutions, national laboratories and industry partners has been formulated and if so, the details thereof;
- (c) the steps taken to ensure that research outcomes are industry-enforceable and aligned with national mineral security goals; and
- (d) the details of ongoing Research and Development projects supported by the Government including timelines and expected outcomes thereof?

**ANSWER**

THE MINISTER OF COAL AND MINES  
(SHRI G. KISHAN REDDY)

(a) to (d): The Ministry of Mines has recognised the following nine premier institutes of the country as Centres of Excellence (CoEs) under the National Critical Minerals Mission (NCMM) for focused research & development (R&D) to strengthen domestic capabilities in the critical mineral value chain:

- (1) Indian Institute of Technology (IIT) Bombay
- (2) IIT Hyderabad
- (3) IIT Roorkee
- (4) IIT Indian School of Mines (ISM), Dhanbad
- (5) Indian Institute of Science (IISc), Bengaluru
- (6) Council of Scientific & Industrial Research (CSIR) – Institute of Minerals & Materials Technology (IMMT), Bhubaneswar
- (7) CSIR – National Metallurgical Laboratory (NML), Jamshedpur
- (8) Non Ferrous Materials Technology Development Centre (NFTDC), Hyderabad
- (9) Centre for Materials for Electronics Technology (CMET), Hyderabad

Each CoE operates as a consortium, on a Hub & Spoke model, to leverage the core competence of constituent industry and academic/ R&D spokes. The nine recognized CoEs have together brought in over 80 industry and academic/ R&D spokes. Under the

CoE model, mandatory consortium with industry partners, including industry contribution in R&D projects where applicable, ensures industrial applicability and scalability in project design. The Ministry reviews regularly with the CoEs to ensure synergy and tangible outcomes. The details of ongoing R&D projects supported by the Ministry of Mines are available on the SATYABHAMA portal of the Ministry, having the following link:  
<https://research.mines.gov.in/OngoingProjectsDetails.aspx>.

\*\*\*\*\*