

GOVERNMENT OF INDIA
MINISTRY OF STEEL

RAJYA SABHA
UNSTARRED QUESTION NO. 3345
FOR ANSWER ON 28.03.2025

PRIORITY AREAS FOR R&D IN STEEL SECTOR

3345. SHRI DHANANJAY BHIMRAO MAHADIK:
SHRI MITHLESH KUMAR:

Will the Minister of STEEL be pleased to state:

- (a) the priority areas for Research and Development (R&D) in the Indian steel sector;
- (b) whether there are any collaborations with academic institutions or private companies for R&D projects;
- (c) if so, the details thereof;
- (d) whether there are any specific R&D projects aimed at reducing the carbon footprint of the steel industry; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE IN THE (SHRI BHUPATHIRAJU SRINIVASA VARMA)
MINISTRY OF STEEL

(a)to(c): Ministry of Steel is providing financial assistance to the stakeholders viz. steel companies in the public & private sector, CSIR laboratories & academic institutions like IITs, for carrying out research in the iron & steel sector, under the scheme viz. "Promotion of Research & Development in Iron & Steel Sector". The thrust areas/priority areas of research covered under the scheme include research to develop innovative processes & technologies to address common issues faced by the steel sector such as utilisation of wastes, improving efficiency & productivities, reducing energy consumption & reducing emissions etc. Preference is given to collaborative research with R&D project having tie-up with user industry.

(d)&(e): There are 11 ongoing R&D projects funded under the scheme aiming towards decarbonization in different stages of steel making process. The projects have been undertaken by different IITs and CSIR laboratories.
