

GOVERNMENT OF INDIA  
MINISTRY OF STEEL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 382**  
FOR ANSWER ON 04.02.2025

**R&D PROJECTS**

382. SHRI SUKANTA KUMAR PANIGRAHI:

Will the Minister of STEEL be pleased to state:

- (a) the details of R&D projects undertaken by the Ministry of Steel to promote innovation and technological advancement in the sector and the funds allocated and utilized for these R&D projects during the last three years;
- (b) whether the Government has initiated any schemes or policies to support startups in the steel sector;
- (c) if so, the details of the schemes, including financial and technological assistance provided to startups;
- (d) whether the Ministry is taking any steps to collaborate with academic and research institutions like IITs and NITs for developing advanced steel technologies; and
- (e) if so, the details thereof and the expected impact of such collaborations on the domestic incomplete matter?

**ANSWER**

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

(a),(d)&(e): Ministry of Steel is providing financial assistance to the stakeholders viz. steel industry, 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". In case of Academic Institutions & National/ Regional Research Laboratories, financial assistance of upto 70% is permissible. Preference is given to collaborative research with R&D project having tie-up with user industry. The thrust areas 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. This initiative is expected to promote improvement in the efficiency, productivity of the steel sector and also to address the climate change by reduction in energy consumption & GHG emission.

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The details of the fund allocated and fund utilized in R&D projects approved & funded under the scheme by Ministry of Steel during the last three years (FY2021-22, FY2022-23 & FY2023-24) are given below: -

	<b>FY 2021-22 (in Rs crore)</b>	<b>FY 2022-23 (in Rs crore)</b>	<b>FY 2023-24 (in Rs crore)</b>
Budget Allocated (RE)	4.81	4.49	5.00
Fund Utilised	4.81	4.49	2.94

(b)&(c): Ministry of Steel does not have any schemes to support startups.

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