



**MINISTRY OF STEEL
GOVERNMENT OF INDIA**



**Ministry of Steel, under its R&D Programme,
invites R&D Project Proposals**

from

Reputed Academic Institutions/Laboratories and Indian Steel Companies for pursuing R&D projects for the benefit of the Iron & Steel Sector in the country.

Activities Supported:

- Development of innovative/path breaking technologies for utilization of Indian iron ore fines/slimes and non-coking coal.
- To pursue R&D projects to address Climate Change issues in line with other countries.
- Beneficiation/upgradation of low grade iron ore, coal etc. and agglomeration.
- To produce Metallurgical Coke from non coking coal.
- To lower the Sulfur content of North East Coal to make it suitable for metallurgical purposes.
- Development of commercially viable technology for utilization of steel plant and mine wastes including LD/EAF Slag.
- Improvement in quality of steel produced through the induction furnace.
- Development of indigenous technologies for new processes and improved products viz. Ultra High Strength Steel, High Strength High Formable Steel, CGRO Steel Sheets, emerging coated products, very high speed anti-corrosion & stress free rails etc.
- Achieving global benchmarks in Productivity, Quality, Raw material consumption.
- Development of low carbon technologies to reduce GHG emission to address climate change issues.
- Development of innovative technology for effective recovery of waste heat in different iron & steel making processes.
- Development of innovative solutions for addressing the challenges faced by the iron & steel industry.
- To reduce the cost of steel production, improve quality of steel products and increase the consumption of steel.
- Any other R&D projects of national importance.

Scope of Support:

- R&D work in Lab Scale/Bench Scale and scale-up to Pilot Scale/Demonstration Plants will be supported.
- In case of Industrial/Commercial organizations up to 50% of the total cost is permissible.
- In case of reputed Academic Institutions & National/Regional Research Laboratories, financial assistance of up to 100% is permissible. However, preference will be given to R&D project having tie-up with user industry. Further, for Pilot/Demonstration Scale R&D projects, financial contribution from Ministry of Steel will be limited to 50% & the balance to be met by the industrial partner.

Eligibility:

- Proposal can be submitted by a Public Entity or a Private Entity.
- Industry/Institutions should have DSIR recognized in-house R&D laboratory.
- Joint Proposals with other laboratories/institutions/industry are desirable for support.

Last Date of Receipt of Proposals: R&D proposals are accepted, evaluated & approved on annual basis. The last date for acceptance of R&D proposals is 31st July every year.

Guidelines for Applications:

Application format and guidelines are available on the Ministry of Steel Website: (www.steel.nic.in) under the section Technical Wing. Applications are to be submitted in the prescribed format which can be downloaded from website. The applicants should submit required number of copies of the proposal duly signed and forwarded by the Head of the Institution/Organisation/Companies to the following address:

Joint Secretary, Technical Division, Ministry of Steel, Udyog Bhawan, Maulana Azad Marg, New Delhi - 110 107.

For more information/clarification visit us at www.steel.nic.in and/or contact **Dy. Industrial Adviser, Ministry of Steel, at Tel:011-23062490, Email: shakubha@nic.in** (one soft copy (MS Word file) may also be sent through email).

*Admitted to secretariat
24/3/2017*