

Priority Areas of National Importance

The following areas may be considered for identification and selection of projects of national importance. Areas mentioned are not exhaustive, but indicative only.

1. Best usage of raw materials and conservation of natural resources.

- Technologies to maximize recoveries from low grade ores by novel methods
- Technologies for recovering iron content from slimes and finding alternate use of slimes
- Use of high ash non coking coals for coke making

2. Energy & Environment

- Development of optimum energy consumption and emissions for each of the steelmaking processes
- Technology to produce synthetic coke
- Technologies for heat recovery from blast furnace and steel slags
- Carbon dioxide sequestration and reduction in emission levels

3. Augment design and manufacturing capabilities

- Indigenous development of main operating unit of higher capacities
- Regenerative burners for reheat furnaces

4. Product development of strategic and national importance

5. Expertise build up in academic institutes and industry through creation of human ecosystem to foster steel research of national relevance.