

# Technology Demonstration Initiatives



## JSW Steel Limited

Under the R&D initiatives, the organisation has conceptualised the following projects as pilots:

- CCUS (carbon capture, usage, and storage): To capture, compress, and store CO<sub>2</sub> for use in steel plants.
- Use of 100% hydrogen for DRI (direct reduced iron)
- Electrolytic Fe (iron) recovery
- Usage of biofuel and ferro coke
- Usage of green hydrogen for steel making