

Performance Targets Achieved in 2018 - 2019

	Objectives	Planned	Achieved
1.	Total External Cash Flow (ECF) [^]	40 Crores	45.55 Crores
1a	Grant in Aid (a part of total ECF)	15 Crores	8.86 Crores
1b.	Industrial ECF (a part of total ECF)	25 Crores	37.13 Crores
	I. Foreign Sponsored	1 Crore	1.43 Crores
	II. Public Sector Units (PSUs)	15 Crores	28.91 Crores
	III. Private Industries including Testing	9 Crores	6.35 Crores
2.	Customer Satisfaction Index	4.5	4.7
3.	SCI Publications	120	117
4.	Patents	25	20
5.	Copyrights	5	7
6.	Technologies to be Developed [#]	8	5
7.	Technologies to be Transferred [*]	5	2

[^]Cash flow generated from sponsored projects from private industries, PSU and government agencies.

Technologies Developed:

- Development of high carbon high chromium white cast with improved wear resistance for grinding media application
- Recovery of chromite value from chromite ore beneficiation plant trailing /Slimes
- Production of highly metallised directly reduced iron (DRI) from mill scale and lean grade non-coking coal in tunnel kiln
- Closed loop corrosion test rig equipment for flow assisted corrosion study
- Hot rolled low alloy steel with high strength, Impact toughness and abrasion resistance

* Technologies Transferred:

- Process for production of Highly Metallized DRI from Mill Scale & Lean Grade Non-Coking coal in Tunnel Kiln; transferred to M/s. Shree Mahabir Refractory Works, Ranchi
- Device for fluid flow rate measurement through a narrow tube transferred to M/s. Electronic & Engineering Co.(I) Ltd., Mumbai