

# Profile

**Name :** Atanu Ranjan Pal  
**Designation :** Chief Technology Officer, Process  
**Company :** Tata Steel



Dr. Atanu Ranjan Pal has an impressive 32 years of experience in the Steel Industry. Prior to his current role as Chief Technology officer, Process, he held various leadership roles at Tata Steel including Chief Process Research and Chief Product Research. Throughout his career, Dr. Pal has demonstrated exceptional skills in operation, project management, research development, and technology management.

Education-wise Dr. Pal has a well-rounded academic foundation including a B.Tech in Ceramic Technology from Calcutta University, PhD. in Metallurgy and Material Science from Jadavpur University, and an MBA from XLRI, Jamshedpur.

Dr Pal is actively engaged in professional associations and holds the position of the Vice President of the Indian Ceramic Society. Additionally, he is also actively associated with the Indian Institute of Metals, showcasing his commitment to advancing knowledge and fostering growth in the iron and steel industry.

His areas of expertise encompass a wide range of topics including, high temperature material development and usage, sustainable process and product development for steel plant, H<sub>2</sub> generation and utilisation, carbon capture and utilisation, carbon capture and sequestration, underground and surface coal gasification .

Beyond his leadership and academic achievements, Dr. Atanu has made significant contributions to the industry through his numerous publications in esteemed national and international journals. Moreover, he holds an impressive portfolio of 15 patents to his name.

Phone:+919234503539  
Email: [atanu1@tatasteel.com](mailto:atanu1@tatasteel.com)  
Chief Technology Officer, Process,  
Tata Steel, Jamshedpur.