World class differentiating research
Tata Steel provides global R&D to support worldwide manufacturing and commercial operations.
Customer requirements drive research programmes.
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600 researchers collaborate to develop innovative concepts.
The goal is for 25% of work to be on step-change technologies and products.
R&D is a thriving environment where ideas flourish and are implemented with speed.
The Tata Steel Research Programme
Manages large scale and dynamic high temperature processes with precision.
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Optimises raw materials for effectiveness at low cost.
Strives to improve steel’s Life Cycle Analysis performance to reduce CO$_2$ emissions in both our own plants and our customers’ products.
Produces complex microstructures from macro scale processes.
Tata Steel has a global strategic network of academic partners.
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Research capabilities are developed through the nurturing of world-leading experts in steel manufacture, steel product and steel application-related fields.
Tata Steel’s scientists, engineers and technicians are R&D’s greatest assets
Together we make the difference