

Investor Presentation

March 6, 2021

Advanced Manufacturing & Technology Centre









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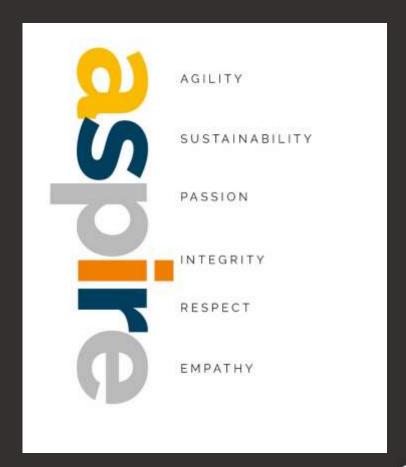
Business Framework



Our vision is to be the #1 choice in the markets we serve, creating value through innovative solutions.



Our mission is be a leading global manufacturer of engineered metal components, products and systems through sustainable, disruptive and innovative technologies.







Commitment towards Excellence

Strong Technology Base

Replicast®

RapidCast™ &Ultra™

Investment Casting

PrintCast ™

TiCast ™

Powderforge ™

forgeCAST ™

Growth & Capacity Expansion

State-of-the-art Advanced Manufacturing and Technology Centre

Revenues and operating profit numbers have registered over 75% growth from FY18 to FY20

Advanced Infrastructure

Robotic ceramic shelling systems

7-Axis robotic machining cell

Vacuum melting and refining

5-Axis & 6-Axis CNC machines

Fully equipped lab and NDT facilities

Global Presence & Growing Markets

Diversified customer base

Oil & Gas, Marine, Power, LNG, Paper

Strong customer relationships spanning decades

Exports ~ 80% of sales



The Technology Advantage



Introduction of niche casting technologies for the first time ever in India

RepliCast®	 Near net shape casting solutions using ceramic shells with weight range upto 2500 kg 		
RapidCast Ultra™	 Quality – Value – Speed upto 5000 kg single piece 7-Axis CNC machining robots to machine patterns 		
PrintCast [™]	 Capability to manufacture 3D printed patterns for utilisation in manufacturing of castings 		
PurePour™	High integrity Ni/Cu/Al alloy castings		
Investment Casting	 Near net shape, high integrity components with high accuracy upto 80 kgs using lost wax process 		
TiCast™	 Vacuum melt casting of Reactive alloys Investment casting, PrintCast™, Replicast® 		
ForgeCast™	Where castings and forgings converge Near net shape castings with forging properties		
Powder Forge™	Net shape high integrity components from metal powder		
Vacuum Melt Alloy	Vacuum melt casting of SuperalloysCapability to engage in aerospace projects		









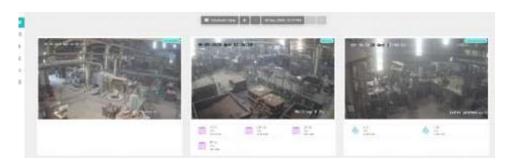








Operational Excellence



AI in the Shop Floor through Video Analytics



Paperless Quality Control Systems

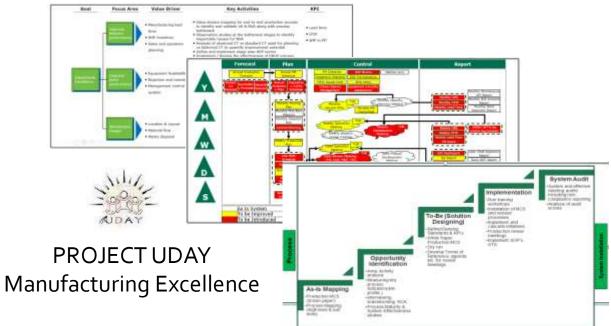
- Comprehensive CRM Systems
- Process automation tools
- Digital Quality Assurance







Digital Radiography





Focus on Aerospace & Defence

Defence Sectors Air, Naval, Land, Space, Electronic and Missiles

> **Defence Applications** Eg. Fighter aircraft, frigate, battle tank

> > **Defence Sub Systems** e.g. airframe, propulsion, turret

> > > Components e.g. wings, turbine

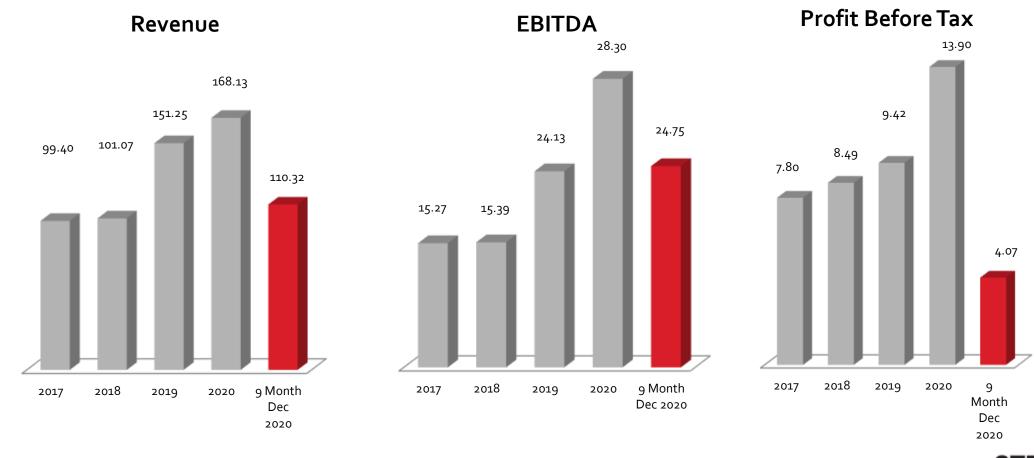
Processed/Semi **Finished Materials** e.g. alloys

> **Raw Materials** e.g. Al, Ti





Financial Highlights (Rs. In Crores, unless stated otherwise)



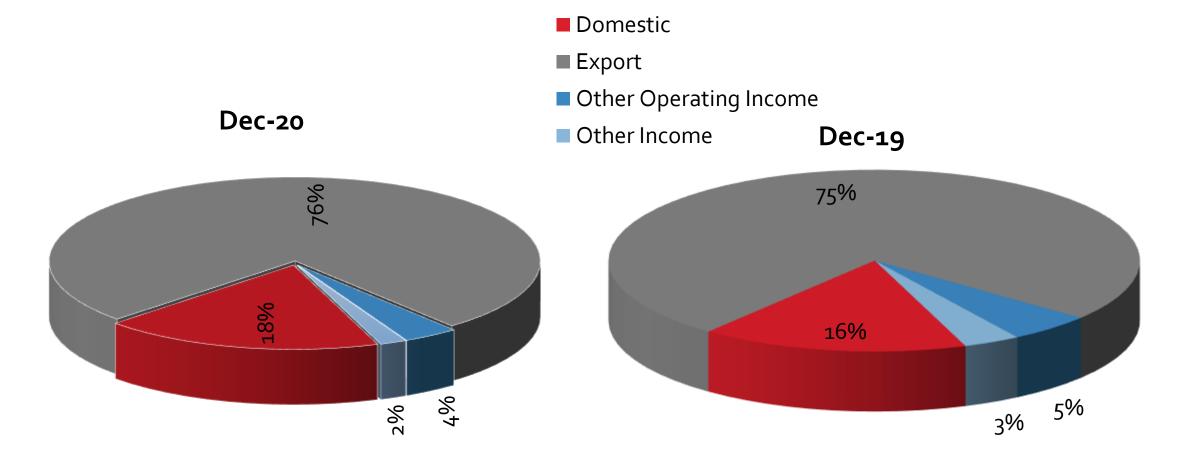


Profit & Loss

(Rs. In Crores)

Doubleulous	For the period upto	For the period upto
Particulars	31 Dec '20	31 Dec '19
Revenue from operations, net	110.32	129.03
Other income	1.99	4.64
Total Income	112.31	133.67
Cost of materials consumed	24.81	38.47
Changes in inventories of finished goods and WIP	2.91	-7.66
Employee benefits	14.78	16.53
R&D expense	1.34	1.20
Finance costs	9.87	8.24
Depreciation	10.81	7.40
Stores and spares consumed	12.85	20.72
Power and fuel	9.45	11.79
Other expenses	21.43	27.28
Total expenses	108.24	123.97



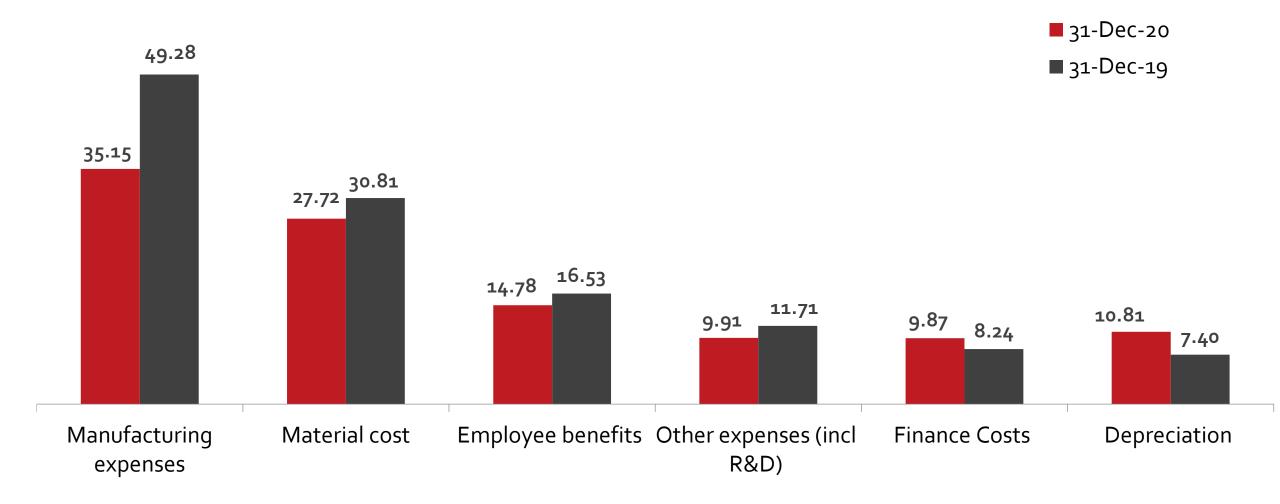






Expenditure

(Rs. In Crores)







Our Business Philosophy

 Wide variety of metal grades, weight ranges, applications and process capabilities

Latest

Operational Extellence Ustomer Focus people #1 choice in the markets we

serve, creating value through Vailidenies & innovative 4012erouu

solutions

• Best in class manufacturing processes, automation for improved quality and consistency

• Green technologies along with measures for sustainability



technologies re-

inventing age old

casting processes



What can PTC offer?

Unparalleled capabilities across the world for high integrity metal cast parts for critical and super critical applications

Quality

- High integrity castings with no size or weight limitation
- Superior dimensional precision, accuracy, surface finish and better internal soundness

Value

- Large 'Near Net Shape' castings - Casting the 'Un-Castable'
- Reduced casting weight and machining allowances

Speed

- Reduction in 'Time to Market' and 'Delivery Lead Time'
- 'Virtual Tooling' to eliminate time for Die manufacturing or modification

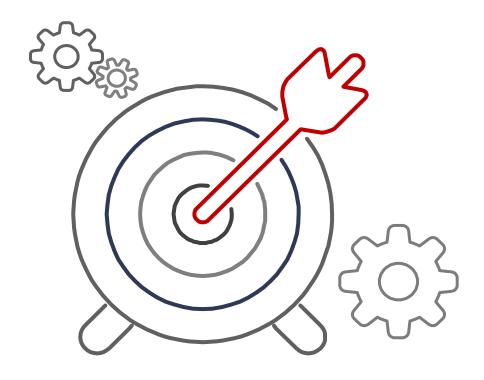




The PTC Advantage



- Full-Service Supplier and integral part of the value chain
- Innovative, best-in-class technologies
- World Class, State-of-the-art facilities
- Diversified markets and product ranges
- Highly experienced, qualified and skilled workforce
- Quality Management system within an environment of continuous improvement
- Safe, healthy, green working environment
- Sustainable and responsible manufacturing







New Aerospace facility building (under construction)





- Fully Isolated Manufacturing Facility on main PTC AMTC Campus
- Relocation of relevant existing plant and equipment (where possible)
- Subsidiary of PTC Group under new QMS and Business
 Systems Aerolloy Technologies Ltd













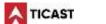














AeroIndia 2021 – Important Visits





Shri Rajnath Singh ji, Honourable Defence Minister

Air Chief Marshal Shri R K S Bhadauria







Dr. Tessy Thomas, DG, Aeronautical Systems





AeroIndia 2021 - Developments



MOU Signing ceremony with **UPEIDA** for Defence Corridor

DRDO Seminar on Energising R&D Capabilities within Industry, Academia & Certification Aspects for Aatmanirbhar Bharat.











Thank You

