

INVESTOR PRESENTATION

June 2022

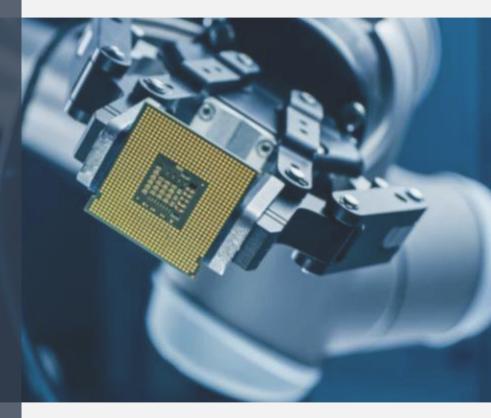
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WHO WE ARE

Onward Technologies

is a technology outsourcing company specializing in digital and ER&D services. We help global OEMs improve speed to market, accelerate innovation, and maximize returns on their R&D investments.



Value proposition of onward tech





- 2800+ employees
- 14 offices across 6 countries
- Proven expertise in operating as extension of R&D teams of global OEMs





Global 2000 customers

- 6 of global top-10 automotive companies
- 5 of global top-8 heavy machinery companies
- Strong customer base and relationships to fuel double digit growth in top line

Geared for double-digit growth

- Focused on growing existing top-25 OEM accounts
- Margin expansion through India advantage (talent pyramid, costs)
- Capacity expanded in US, EU, UK, India in FY 22, in response to customer demand

Digital play across all lines of business

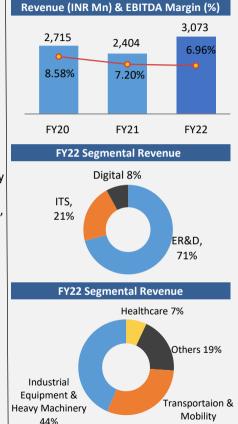
- Digital engineering and outsourcing
- Electronics and Embedded
- Mechanical Engineering
- IT services

2 Focused industry verticals

- Transportation & Mobility
- Industrial Equipment & Heavy Machinery
- Diversification and investment in 2 highgrowth verticals: Healthcare & MedTech, Hi-Tech

Strong financial turnaround

- Net debt-free, sound balance sheet & cash reserves
- 3-year PAT CAGR at 33%
- 6-year track-record of consistent dividend payout

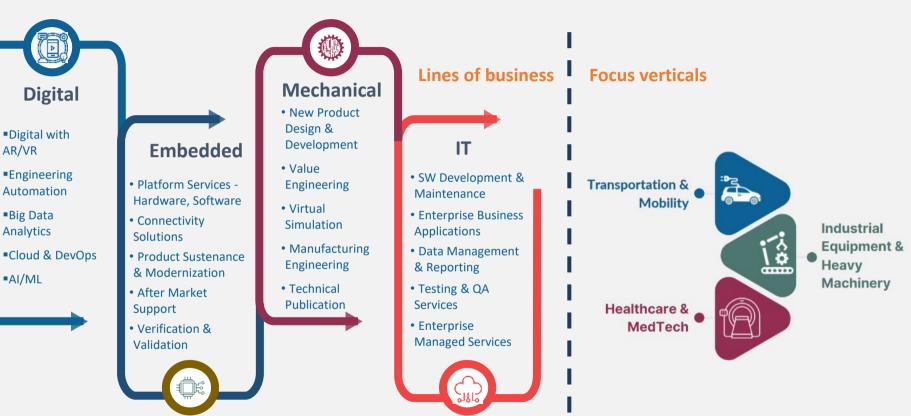


30%

Our Capabilities

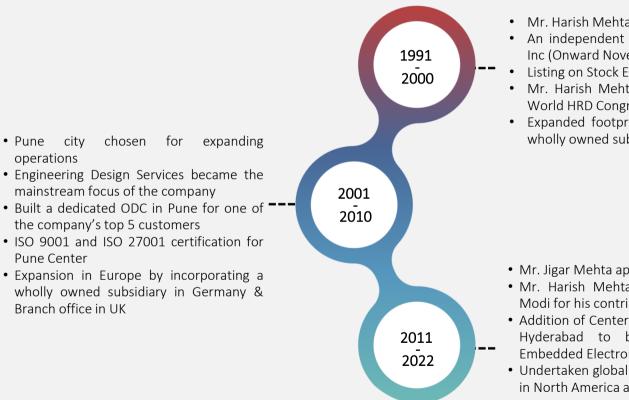
AR/VR





Who We Are – Some Key Milestones





- Mr. Harish Mehta founded Onward Technologies in 1991
- An independent 50:50 Joint Venture formed with Novell Inc (Onward Novell Pvt. Ltd).
- Listing on Stock Exchange in India in 1995
 - Mr. Harish Mehta awarded CEO of the year in 1996 by World HRD Congress in India
- Expanded footprint in North America by incorporating a wholly owned subsidiary in USA

- Mr. Jigar Mehta appointed Managing Director in May 2016
- Mr. Harish Mehta awarded by Prime Minister Narendra Modi for his contributions to the IT Industry
- Addition of Center of Excellences in Chennai, Bengaluru and Hyderabad to build capabilities in Digital DevOps, Embedded Electronics and Cloud practices
- Undertaken global expansion by opening 7 additional offices in North America and Europe

Board of Directors







Funds Limited, Infinity Venture Fund

Other Engagements: NASSCOM, Hinditron–Digital (DEC), Indus Entrepreneurs (TiE), Indian Angel Network (IAN), Small Industries Development Bank of India (SIDBI). Guiarat Venture

Education: BE, MS

Parish Meghani - Director

Experience: 15+ Years Other Engagements: Bangalore Spokes Pvt. Ltd. Education: MBA, Product Engineering



Rahul Rathi - Director Experience: 16 Years Other Engagements: Purnartha Investment Advisors Pvt. Ltd, Plastiblends India Limited

Education: MBA, Polymer Engineering



Subrata Kumar Mitra - Director

Experience: 44 Years

Other Engagements: Bank of India, Standard Chartered Bank, American Express Bank, GIC Mutual Fund, Aditya Birla Group and Independent Director and Committee member in the board of reputed organizations like Asia Asset Management & Governing Council Member of Association of Corporate Independent Directors

Education: M Sc, MBA



Jigar H. Mehta - Managing Director

Experience: 19 Years

Education: Business Administration from Boston University, MA (USA)



Jay Sonawala - Director Experience: 22 Years Other Engagements: HDFC Bank Education: MMS- Finance. B.Com



Prachi Mehta-Director

Experience: 15 Years

Other Engagements: Founder of The Next Level an organisation that promotes Chess at School and state levels in Maharastra and associated with Indian Angel Network

Education: MBA

Harsha Raghavan - Director

Experience: 25 Years

Other Engagements: Fairbridge Capital Private Limited (a Fairfax Company), Candover Investments, Goldman Sachs Principal Investment Area, Indocean Chase Capital Education: MBA, MS

Leadership Team





Vignesh Kumar - EVP - Sales (International Business) Experience: ~28 years Previous stint: Siemens, TCS Education: BE / MBA



Pratish Mehta - EVP - USA Operations & Global Marketing Head Experience: ~15 years Education: BE / MBA

Pramod Patil - EVP - Sales (India Business)

Experience: ~32 years

Previous Stint: JCB, John Deere

Education: BE / MBA / Executive MBA





Experience: ~21 years Previous Stint: Altran, Safran Education: BSc / Masters in HRM

Nirmala Bhat – SVP – Client Engagements

Previous Stint: Datamatics, Infosys

CA Devanand Ramandasani - Chief Financial Officer

Rajesh Nikam – SVP – Delivery Experience: ~30 years Previous Stint: LTTS, Tata Elxsi Education: BE

Experience: ~15 years

Education: CA



Satish Ramanan - SVP and Global Head – Digital Transformation Experience: ~32 years Previous Stint: Teradata, Siemens Education: MCom / MBA



Sujata Singh - SVP and Global Head - HR Experience: ~21 years Previous Stint: Aker Powergas, WNS Education: MBA

Strategic presence across geographies





***COE: Centre of excellence**



BUSINESS OVERVIEW



Technology Services for Focus Industry Groups





Capabilities

Growth Strategy Enablers





Pivot to digital engineering services

- Invested in the digital maturity curve of our customers
- See a clear roadmap of growth in digital budgets
- Witnessing a shift from POC to adoption at scale
- Core areas include Industry 4.0, AI/ML, ADAS, cloud and DevOps

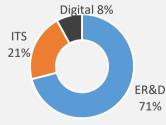
Focused verticals and structured LOBs

- Leadership team with a strong experience across verticals
- Focus on Transportation & Mobility, Industrial Equipment & Heavy Machinery
- Hi-Tech, Healthcare & Medical Devices unlock new, high-growth areas
- Digital play across all lines of business





Remaining Customer (10%)

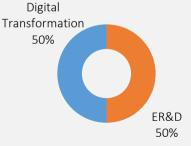


Growth in top-accounts

- Suitably positioned to scale up TCV from top-25 clients
- These accounts are part of Global 2000, projecting large R&D allocations
- Growth/technology-partner status is several accounts
 - Focused on long-duration contracts, recurring revenues, consistent billing growth

People, policies, and performance

- Continue to upskill, hire the finest talent in digital engineering
- Agile operations with steadily increasing offshore leverage driving margin expansion
- HR policies, growth opportunities tuned to enhance career path
- Benefits aligned with industry standards



Customer Success Stories



Global off-highway equipment manufacturer



AWS Cloud Toolchest Platform

Business Issue Multiple Web based applications for all platform services, most of them are microservices

Challenge/s No single unified platform for multiple tools

Not able to focus on core activities

Services & Benefits

Created web-based platform bridging applications & engineers Role based access control, single sign on, detailed log Predictions for future investments New tools development did not require rebuild of platform capabilities World's largest construction equipment manufacturer



Engineering Automation framework

Business Issue: Effort intensive and manual review of 2D & 3D drawings

> Challenge/s: Errors due to absence of intuitive & automated tools

Services & Benefits: Designed and developed container-based architecture on the cloud

ML model that could learn test cell output and feedback to NPI programs Image processing and Image-based search Productivity doubled to 55% with 92% accuracy

Leading healthcare major



Product Re-design

Business Issue A major healthcare facility was looking to revamp and re-design their hospital beds

Challenge/s

Old Hospital beds were uncomfortable and posing risks to patients

Services & Benefits Design specialists reverse engineered the entire hospital bed basis only photographs and w/o any CAD models/drawings

Embedded new electronic parts to automate the bed for enhanced patient safety and comfort

Compatible 3D printing designs developed for cost-effective production.

Global transportation and locomotive company



Value Engineering

Business Issue: Steadily increasing costs to build a locomotive engine

Challenge/s Too many parts and suppliers across the globe

Services & Benefits

Consulting led by domain experts in the manufacturing and design process Cost engineered the client's entire diesel locomotive engine Also supported the client in finding lowcost vendors >\$4 mn in overall cost savings

Life at Onward





Opening day: Chennai Centre of Excellence: 4th March 2022 A 40,000 sq.ft., 500-seater Centre of Excellence with capabilities in Digital, Embedded, Mechanical engineering services.



Opening day: Hyderabad Centre of Excellence : 17th Jan 2022



Diversity & Inclusion is one of our most important growth themes, and aligns perfectly with our clients' priorities Our Pune COE recently inducted a batch of 50 women engineers in an embedded talent acceleration program.



International Women's Day celebration at Pune COE



INDUSTRY OVERVIEW



Engineering R&D Service Industry

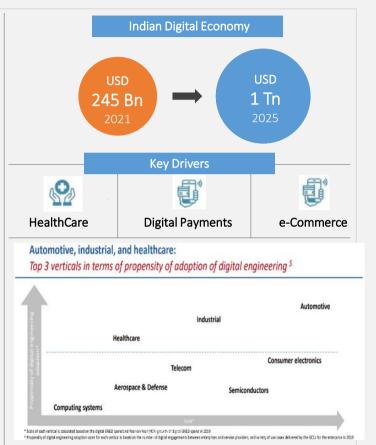


- The year 2021 paved way for an increased focus on ER&D function to drive solutions for challenges related to talent shortage, supply chain diversification, research to fuel growth and meeting rising consumer demand.
- The spend on ER&D from top 1,000 corporates increased significantly in 2021 which was a positive shift from 2020 when investments in ER&D were impacted adversely due to the onset of COVID-19 pandemic.
- E R&D spend rebound in 2021 with 7% growth to reach USD 1.25 trillion
- The renewed interest in R&D led growth has shifted the focus on identifying the most suitable locations to expand ER&D operations. The level of maturity associated with a location to facilitate digital transformation and readiness to implement hybrid working models also feature prominently in the location strategies of companies to set up ER&D delivery centers.
- At USD 827 Billion, businesses led E R&D spending accounted for two-third of total E R&D spend, with the spend in the APAC region expected to exceed Europe over the next few years, facilitated by increasing spend from the public sector.
- India continued among one of the leading E R&D sourcing destinations with the country's E R&D sourcing market valued at USD 40-41 Billion in 2021. India accounted for a third of the global USD 120 Billion E R&D sourcing market.
- E R&D GCC's have matured to drive end-to-end ownership for products. From executing less complex engineering work to achieve cost reduction, the E R&D GCC's have become innovation centers and strategic partners developing new products and owning the entire product value chain as well as driving global innovation and developing future technologies and domains such as AI/ML, IoT, automation and robotics.
- E R&D talent accounts for 42% of the 1.38 Mn GCC talent pool in India in 2021.
- Not only did this sector emerge out of a negative growth year (FY2021), but driven by pent-up demand, ER&D is likely to see ~17% revenue growth in FY2022, the most since FY2014



Digital Transformation

- Global digital engineering is expected to reach USD 385 Billion by 2025, growing at a CAGR of over 11% between 2019 and 2025.
- The growth is expected due to new data-driven business models and high demand for digital solutions and build connected products and services.
- Key industries for growth in digital engineering expenditure include software and internet, industrial, telecom, consumer electronics and automobile.
- By 2025, digital technologies are estimated to comprise 40% of all manufacturing tech spend
- Indian Manufacturing has Started Pivoting to Digitalization, with \$5.5 \$6.5 Bn Spent on Industry 4.0 in FY21
- 50% of the tech spend by Indian manufacturers is on Industry 4.0 technologies, a high proportion, but from a fraction of the sector's total representation 50% of the Industry 4.0 spend is on foundational tech Cloud and IoT.
- Today, the share of digital to total revenue stands at 30-32% with 1 in 3 employees being digitally skilled stamping India's position as the Global Digital Talent Nation. These factors have pushed India's share in global sourcing market to 59% a testament to India's new tech value proposition.
- Even as enterprises continue to balance the twin priorities of employee safety and wellness and enterprise digital transformation, they plan to spend big on digital 60% companies plan 6% higher technology spend in FY2022.
- Indian software industry body Nasscom forecasts 15-20% CAGR growth in digital transformation spend globally. Enterprise digital transformation spend globally is currently at USD 1.04 Trillion.
- It also forecasts Indian digital economy would catapult to a USD 1 Trillion industry by 2025 from USD 245 Billion in 2021.







FINANCIAL OVERVIEW



Historical Standalone Income Statement



Particulars (INR Mn)	FY19	FY20*	FY21*	FY22
Operational Income	1,182	1,806	1,727	2,344
Total Expenses	1,032	1,660	1,531	2,168
EBITDA	150	145	196	176
EBITDA Margins (%)	12.69%	8.03%	11.35%	7.51%
Other Income	50	65	85	56
Depreciation	48	102	93	92
Finance Costs	21	33	21	10
РВТ	131	75	167	130
Тах	37	21	40	37
Profit After tax	94	54	127	93
PAT Margins (%)	7.95%	2.99%	7.35%	3.97%
Other Comprehensive Income	(4)	3	1	(5)
Total Comprehensive Income	90	57	128	88
Diluted EPS (INR)	5.70	3.26	7.50	4.79

* FY20 and FY21 numbers have been restated after inclusion of Onward eServices Ltd, a wholly owned subsidiary, which has been merged with Onward Technologies Ltd as on March 25, 2021.

Historical Standalone Balance Sheet



Particulars (INR Mn)	FY20	FY21	FY22	Particulars (INR Mn)	FY20	FY21	FY22
ASSETS				EQUITY AND LIABILITIES		_	
Non-Current Assets				Equity			
Property, Plant & Equipment	70	164	184		100	4.62	220
Intangible assets	41	39	26	Share Capital	160	163	220
Intangible assets under	-	1	_	Other Equity	455	573	1,262
development				Total Equity	615	736	1,482
Right of use asset	146	83	171	Non Current Liabilities			
Financial Assets				(i) Borrowings	-	6	5
(i) Investments	121	121	320	(ii) Lease liabilities	104	55	113
(ii) Loans	29	-	-	Employee benefit obligations	25	46	34
(iii) Other Financial Assets		28	30	Employee benefit obligations	25	40	54
Deferred tax assets	27	23	21	Sub Total Non Current Liabilities	129	107	152
Income tax assets (net)	193	111	176				
Other non-current assets	1	-	12	Current Liabilities			
Sub Total Non Current Assets	628	570	940	(i) Borrowings	68		1
Current Assets				(ii) Trade Payables	96	78	97
Financial Assets		_		(iii) Other Financial Liabilities	92	126	178
(i) Investment		1	-				
(ii) Trade Receivables	339	283	464	(iv) Lease Liabilities	48	38	64
(iii) Cash & cash equivalents	75	119	395	Provisions	20	11	11
(iv) Bank balance other than above	42	10	108	Contract liabilities	58	28	103
(v) Contract assets	32	127	146	Other current liabilities	52	48	56
(vi) Other financial assets	3	2	8	Sub Total Current Liabilities	434	329	510
Other Current Assets	58	61	83	Sub Total Liabilities	563	436	662
Sub Total Current Assets	549	602	1,204				
TOTAL ASSETS	1,178	1,172	2,144	TOTAL EQUITY and LIABILITIES	1,178	1,172	2,144

Historical Consolidated Income Statement



Particulars (INR Mn)	FY19	FY20*	FY21*	FY22
Operational Income	2,610	2,715	2,404	3,073
Total Expenses	2,386	2,482	2,230	2,859
EBITDA	224	233	172	214
EBITDA Margins (%)	8.58%	8.58%	7.15%	6.96%
Other Income	12	11	53	215
Depreciation	57	113	104	101
Finance Costs	27	35	23	10
РВТ	152	96	98	318
Тах	51	34	25	81
Profit After tax	101	62	73	237
PAT Margins (%)	3.87%	2.28%	3.04%	7.71%
Other Comprehensive Income	8	19	(3)	(7)
Total Comprehensive Income	109	81	70	230
Diluted EPS (INR)	6.17	3.76	4.35	12.17

* FY20 and FY21 numbers have been restated after inclusion of Onward eServices Ltd, a wholly owned subsidiary, which has been merged with Onward Technologies Ltd as on March 25, 2021.

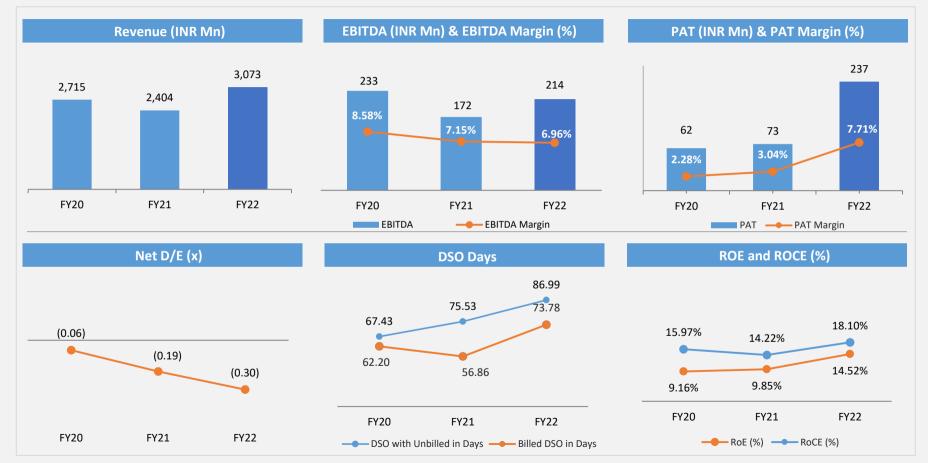
Historical Consolidated Balance Sheet



Particulars (INR Mn)	FY20	FY21	FY22	Particulars (INR Mn)	FY20	FY21	FY22
ASSETS				EQUITY AND LIABILITIES			
Non-Current Assets				Equity			
Property, Plant & Equipment	80	171	366	Share Capital	160	163	220
Intangible assets	41	39	26	Other Equity	520	581	1,412
Intangible assets under development	-	1	-	Total Equity Non Current Liabilities	680	744	1,632
Right of use asset	159	88	175	(i) Borrowings	-	6	5
Financial Assets				(ii) Lease liabilities	109	55	109
(i) Loans	30	31	28	Provisions	25	48	34
Deferred tax assets	28	33	28	Deferred tax liabilities	7	-	32
Income tax assets (net)	193	111	179	Sub Total Non Current Liabilities	141	109	180
Other non-current assets	2	-	11				
Sub Total Non Current Assets	533	474	813	Current Liabilities			
Current Assets				(i) Borrowings	181	146	1
Financial Assets				(ii) Trade Payables	76	72	115
(i) Investment	-	1	-	(iii) Other Financial Liabilities	133	151	203
(ii) Trade Receivables	498	408	666	(iv) Lease Liabilities	57	43	72
(iii) Cash & cash equivalents	178	285	495	Provisions	21	14	15
(iv) Bank balance other than above	44	9	109	Income tax liabilities	5	-	-
(v) Contract assets	42	134	119	Contract liabilities	5	30	16
(vi) Other financial assets	1	1	4	Other current liabilities	62	67	60
Other Current Assets	65	64	88	Sub Total Current Liabilities	540	523	482
Sub Total Current Assets	828	902	1,481	Sub Total Liabilities	681	632	662
TOTAL ASSETS	1,361	1,376	2,294	TOTAL EQUITY AND LIABILITIES	1,361	1,376	2,294

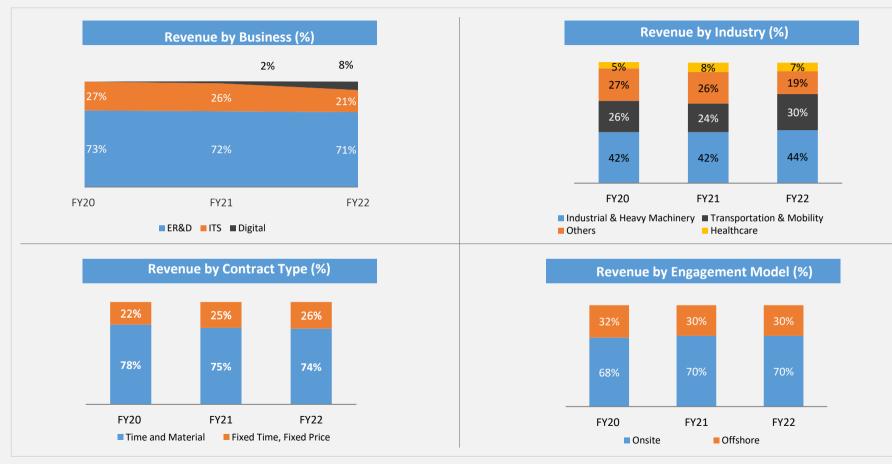
Consolidated Financial Highlights





Revenue Metrics (Consolidated)





Hedging & Other Metrics

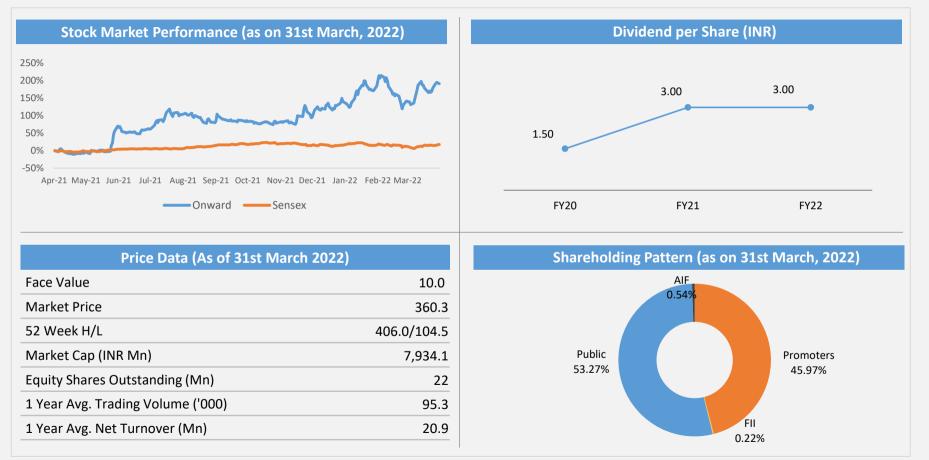


Other Ratios	FY19	FY20	FY21	FY22
Carpet Area	70,873	71,948	65,285	87,576
Number of seats	889	906	847	1,200
PBT to Revenue%	5.82%	3.55%	4.08%	10.35%
Number of active clients	199	210	184	145
Hedging Details for FY22*	Hedge Rate	Hedge Amount (Mn)	Actual Rate Achieved	Gain Over 50% Hedge rate (INR, Lakh)
Hedging Details for FY22*	Hedge Rate 75.92	Hedge Amount (Mn) 1.93	Actual Rate Achieved 76.23	
				rate (INR, Lakh)

*The performance is benchmarked against a 50% hedge rate - average of Day 1 forward rate and spot on maturity/current MTM for outstanding exposure.

Capital Market Data





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THANK YOU

