

INVESTOR PRESENTATION

Q2 FY19, November 2018



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Natco Pharma at a Glance





Vertically integrated pharmaceutical company with presence across geographies – India, US and RoW



■ Strong brand position in the domestic Oncology and Hepatitis – C ('Hep-C') segments



Portfolio of brands catering to various oncology diseases including breast, brain, bone, lung and ovarian cancer



Launched the generic version of Gilead's Sovaldi (Sofosbuvir) and its combinations for the treatment of Hep-C in India



• Focused on complex generics for the US markets with niche Para IV and Para III filings



Strong focus on R&D with over 400 employees dedicated to R&D⁽³⁾



■ Total revenues⁽¹⁾ of INR 22,424 mn for the financial year ended 31st March 2018



■ Listed on the BSE and NSE with a market capitalization⁽²⁾ of **USD2.14bn**

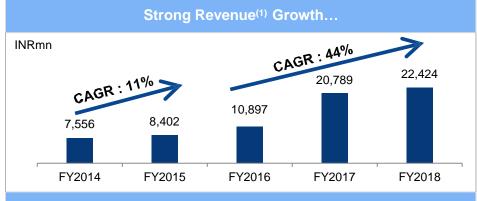


■ Incorporated in 1981 and headquartered in Hyderabad with over 4,830 employees across all locations⁽³⁾

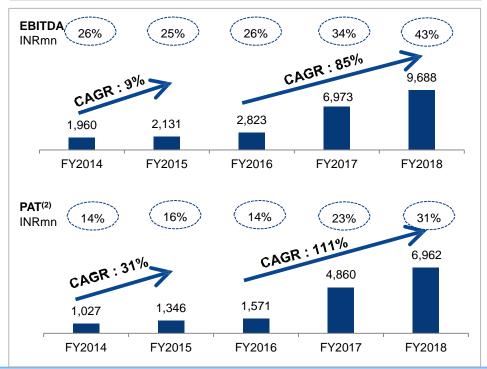
As of March 31, 2018

Track Record of Consistent Growth



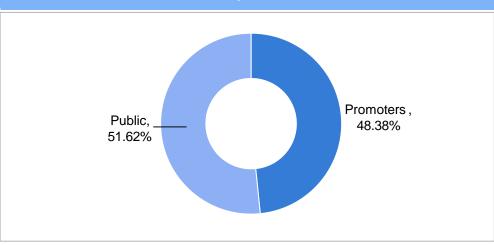


...And Robust EBITDA and PAT(2) Margins



FY2014 and FY2015 numbers have been prepared under IGAAP, whereas FY2016, FY2017 and FY2018 numbers have been prepared under Ind AS

Ownership Structure(3)



Natco Pharma's Stock Performance over the past 4 and a half years



Margins

Key Business Segments





	Formu	lations	API		
	Domestic	International	(Domestic & Exports)	Others	
Overview	 Strong brand position in the domestic oncology and Hepatitis-C segments Recent foray into the Cardiology and Diabetology segments Specialist sales force of over 350 personnel and over 400 distributors Fall in FY18 revenue due to decline in HepC market size. Expect growth with target launch of 8-10 molecules per year 	 Focused on complex generics for the US Front end partnerships with leading global generic pharma companies Niche Para IV and Para III filings Emerging presence in Asia, Europe and developing markets 	 Strategically important division Vertical integration for its Finished Dosage Formulation ('FDF') portfolio Filed 42 DMFs in the US with niche products under development Exports focused on Europe and emerging markets 	 Operations in Brazil, Canada, Singapore and Australia Selective contract manufacturin business and other operating income 	
FY18 Revenue (INRmn)	7,202*	10,418	2,854	1,950	
FY18 Revenue Contribution	32%	47%	13%	9%	
Growth FY18 over FY17	-18%	25%	55%	10%	

US Market - Focus on Complex Generics



US FDF product portfolio is predominantly focused on high-barrier-to-entry products that are typically characterised by one or more of the following:

- Intricate chemistry
- Challenging delivery mechanism
- Difficult or complex manufacturing process
- May face complex legal and regulatory challenges

Key Products in Pipeline

	Key Brand	Molecule	Therapeutic Segment / Indication	Para IV
	Gilenya	Fingolimod	Multiple Sclerosis	✓
	Treanda	Bendamustine	Cancer, CLL	✓
	Nexavar	Sorafenib	Liver, Kidney Cancer	✓
	Tracleer	Bosentan	Hypertension	Para III
5	Revlimid ⁽¹⁾	Lenalidomide	Multiple Myeloma	✓
	Afinitor	Everolimus (higher strength)	Kidney Cancer	✓
ם ה	Zytiga	Abiraterone	Prostate Cancer	✓
2	Tarceva	Erlotinib	NSCLC, Pancreatic Cancer	✓
	Kyprolis	Carfilzomib	Multiple Myeloma	✓
	Aubagio	Teriflunomide	Multiple Sclerosis	✓
	Eliquis	Apixaban	Anticoagulant	✓
	Pomalyst	Pomalidomide	Multiple Myeloma	✓
	Sovaldi	Sofosbuvir	Anti-Viral / Hep C	✓

Low Risk Business Model through Partnerships with Global Pharmaceutical Players

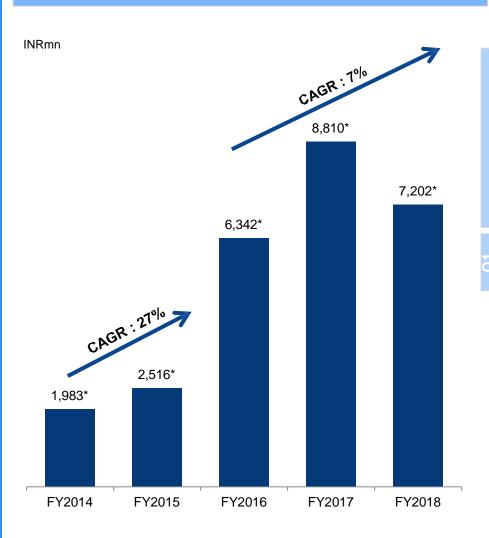
- Adopted and successfully implemented partnership strategy for international formulation products
 - Has product specific partnerships with global generic players at different stages of a potential ANDA filing
 - Low risk business model:
 - Marketing partner typically responsible for the litigation and regulatory process to secure the ANDA approval
 - Multi-site approvals
 - Multi-sourcing arrangements
 - Profit sharing arrangements with the front end partners.
- Pipeline of niche and complex generics products in US
- 29 approved ANDAs⁽²⁾
- 16 Para IVs yet to be launched (2)

⁽¹⁾ Launch conditional on approva

Strong Growth in Domestic Formulations Business



Domestic Formulation Sales(1): Market Leading Growth



Domestic Product Launches

	Brand	Molecule	Dosage Form	Therapeutic Segment
	Alphalan	Melphalan	Injection	Oncology
	Carfilnat	Carfilzomib	Injection	Oncology
<u>∞</u>	Pomalid	Pomalidomide	Capsules	Oncology
17-	Tafnat	Tenofovir Alafenamide	Tablets	Speciality Pharma
ᇤ	Velpanat	Sofosbuvir + Velpatasvir	Tablets	Speciality Pharma
	Arganat	Argatroban	Injection	Cardiology
	Dabigat	Dabigatran Etexilate Mesylate	Capsules	Cardiology
- 6	Denopsy	Teriflunomide	Tablets	Speciality Pharma
J F	Posanat	Posaconazole	Injection	Speciality Pharma

Strong position in Oncology and Hepatitis-C domains

Brands in excess of INR 100mn+ sales in Oncology segment

Brands occupy the #1 position in Hep-C segment

Sales force in India across
Oncology, Gastro Hepatology,
Cardiology and Diabetology

Strong Market Position in Domestic Oncology Segment



Oncology Division Overview

- Entered the segment with launch of generic version of Imatinib in 2003
- Portfolio of well recognized brands 6 brands with INR 100mn+ sales in the oncology segment
- Progressively widened its oncology product range from 6 in 2003-04 to 30(1)
- Sales and marketing of the product is supported by approximately 70 sales representatives and strategically located logistics network of distributors



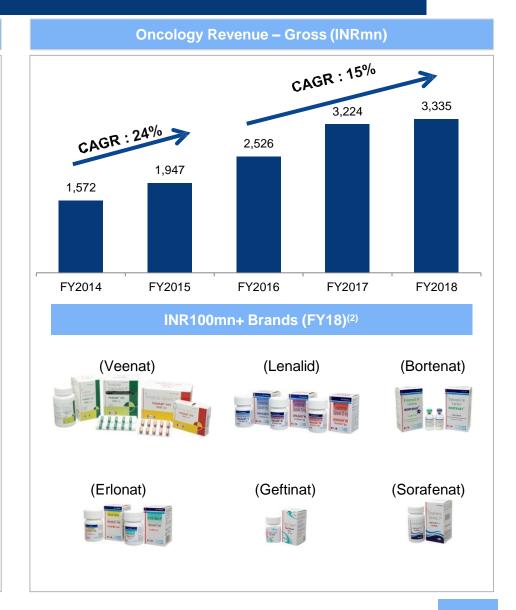
Hematology

Solid Tumors

of Active Brands⁽¹⁾







Pharma Specialties



Gastro Hepatology – Leading Market Position in Hep-C Portfolio

- Launched generic Sofosbuvir and its combinations for the treatment of Hep-C in India & Nepal under its brand
 Hepcinat & Hepcinat LP
- Non-exclusive licensing agreement with Gilead Sciences for 105 countries including India
- Launched generic Daclatasvir in India under its brand Natdac and an oral fixed-dose combination of Sofosbuvir and Velapatasvir under its brand Velpanat
- Market leading positions across the Hep-C class of drugs in India
- Sales and marketing of the product is supported by approximately 120 sales representatives

Extending the Hep-C Franchise

- Launched Hepcinat Plus, a generic fixed dose combination of Sofosbuvir and Daclatasvir for the first time in India
- Foraying into RoW markets

Emerging portfolio of Hep B

 Launched Tenofovir Alafenamide tablets under its brand **Tafnat** as an extension to existing Hep B portfolio of Tenofovir (Teravir) & Entecavir (X-Vir) tablets

Expanding Into Emerging Markets Of Asia And Africa

- Import Permits & Approvals Received
- Access via Agreement with Gilead



Import permits / approvals for Hep-C related drug received in 14 countries(1)

Expanding Domestic Presence with CnD Division



Cardiology and Diabetology

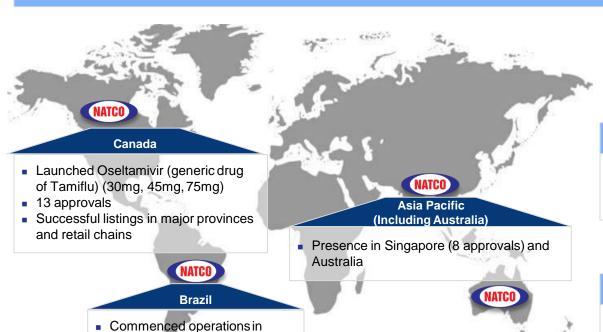
- Launched Cardiology and Diabetology (CnD) division in early 2017
- First to launch Argatroban injection and Dabigatran in India for treatment of patients with thrombosis syndrome
- Focus will be on niche molecules with high barriers to entry



Expanding RoW Presence



Focus on Canada, Brazil and other RoW markets



Hep-C driven markets

 Received approvals and import permits for 14 countries⁽¹⁾

Europe

 Distribution arrangements with our business partner to sell our products in Eastern Europe, UK and Germany

2011

products

for Letrozole

Filed multiple oncology

Received 1st product approval

In-House API Development with Vertical Integration for Key Formulation Products



- Strategically important business develops APIs primarily for captive consumption of its FDF portfolio as well as third party sales
- Portfolio of 42 US DMFs⁽¹⁾ with with niche products under development
- Focuses on complex molecules in oncology and CNS segments
 - Other therapeutic areas of focus includes Anti-asthmatic, Anti-depressant, Anti-migraine, Anti-osteoporosis and G I Disorders
- Exports are focused on the US, EU, Canada, Latin America and South-East Asia
- Vertical integration for several APIs a key competitive advantage

API Strengths

- Complex multi-step synthesis & scale-up
- Semi-synthetic fusion technologies
- Fermentation / Biotech / Synthetic / Separation technologies
- Containment / High potency APIs
- Peptide (Solid phase) pharmaceuticals

	Mekaguda Facility	Chennai Facility
Chemistry Skills	Complex chemistry peptides	 Cytotoxic API's and Biotechnology based products Synthetic chemistry
Key Regulatory Approvals	 GMP, USFDA, German Health Authority, PMDA (Japan), Cofepris (Mexico) 	■ GMP, USFDA
Last US FDA Audit	 US FDA audit with Zero observations completed in February 2018 	 US FDA audit – EIR Received August 2016

Expansion plans to augment API manufacturing capacity

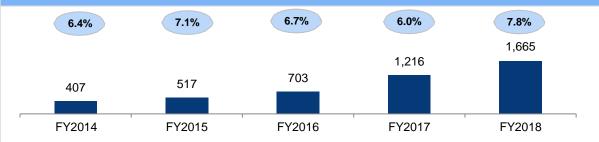
Research & Development Capabilities



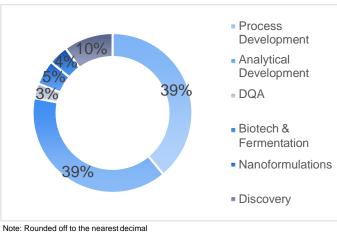
R&D capabilities demonstrated by its complex and niche product filings in formulations and API segments

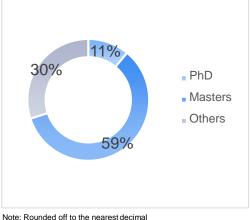
 Two research facilities with capabilities across synthetic chemistry, biotech & fermentation, nano pharmaceuticals, new drug discovery & cell biology

R&D Expense (INRmn) and as % of Standalone Revenue



Talented Pool of Scientists (Total no: 271)(1)





29 ANDAs Approved⁽²⁾

16 Para IVs to be Launched(2)

42 US DMFsFiled(2)



Several International and Indian patents filed and granted

Over 35 R&D laboratories in 2 research facilities

Commitment to Manufacturing Excellence with a Culture of Quality and Compliance



		International Markets F	ormulations -		
	Kothu	r Facility	Visakhapatnam Facility		
Capability	■ Tablets, Capsules, Pellets, Injectables		Cytotoxic & other Oral Solid Dosages		
Key Regulatory Approvals	■ GMP, USFDA, German Health Authority, ANVISA		■ na		
Other Highlights	■ US FDA audit – EIR Received July 2017		 Targeted towards US & other International regulated markets Located in a Special Economic Zone (SEZ) Expect to be ready in 2018 		
		Domestic Market For	nulations		
	Nagarjuna Sagar Facility	Dehradun Unit 6 Facility	Dehradun Unit 7 Facility	Guwahati Facility	
	THE THE PERSON NAMED IN COLUMN				
Capability	 Ampoules, Vials, Lyophilized vials, Parenterals, Sterile Dry Powders 	Tablets, Capsules, Injectables	Tablets, Capsules	Tablets, Capsules	
Key Regulatory	■ GMP	■ GMP	 GMP, Public Health Service of the 	 GMP Compliant Facility 	

Netherlands (EU GMP)

Approvals

GMP Compliant Facility

Experienced Management





Mr. V.C Nannapaneni Chairman and Managing Director

- Holds Masters degree in Pharmaceutical Administration from the Long Island University, USA
- Over 4 decades of experience in the pharmaceutical industry



Mr. Rajeev Nannapaneni Vice Chairman & CEO

- Holds bachelors degree in Quantitative Economics and History from Tufts University, Boston, USA
- Has 15 years of experience in the pharmaceutical industry



Mr. P.S.R.K Prasad Executive Vice President (Corp. Engineering Services)

- Holds B.E. Mech. Engg. from Andhra University, Visakhapatnam
- Responsible for looking after the general administration, engineering, regulatory, training, environmental matters, safety, health, production and maintenance activities of the Company



Dr. Linga RaoPresident (Technical Affairs)

- Holds Masters degree in Science (Applied Chemistry) & Ph.D in Chemistry from JNTU, Hyderabad
- Over 4 decades of experience in the pharmaceutical industry and has been working with Natco for over 23 years



M. Adinarayana Company Secretary & VP-Legal & Corporate Affairs

- Bachelors in Commerce and Bachelors in Law from Andhra University, Fellow Member of Institute of Company Secretaries of Inda
- 24+ years of experience within the Company in legal, secretarial and patent litigation areas



Mr. S.V.V.N.Appa Rao

- Over 27 years of experience including 22 years within the Company covering areas of accounting, financial controller, treasury
- Responsible for finance and treasury functions at the Company



Dr. Pulla Reddy MExecutive Vice President-R&D

- Holds Masters in Science (Chemistry) and Ph.D in Chemistry, both from University of Hyderabad. Did postdoctoral research for 2.5 years at University of Zurich, Switzerland
- 24 years experience at Natco with key role in developing novel commercially viable processes for over 100 APIs and intermediates



Dr. Rami Reddy B *Director - Formulations*

- Holds M. Pharm and Ph.D. (Pharmaceutics) degree from Nagpur University
- 32 years of experience in the Pharmaceutical Formulation industry. Responsible for Formulation plant operations, Product development and Regulatory compliance



Mr. Rajesh Chebiyam Vice President - Acquisitions, Institutional Investor Mgmt. & Corporate Communications

- Holds MBA from Babson College (USA) and Masters degree in Chemical Engineering from University of Rhode Island
- 20+ years of experience across supply chain, operations, business development, sales and strategy

Natco's Near and Long-Term Goals



Domestic Branded Formulations

Near-term Strategies

- Maintain leadership position in Oncology and Hepatitis-C segment
- Intensify the focus of CnD pipeline for niche launches
- Launch 8-10 new products

Complex Generics & Export Markets

- Focus on growth in key subsidiaries of Canada & Brazil
- Intensify regulatory filings rate in RoW markets led by Hep-C portfolio

Long-term Strategies

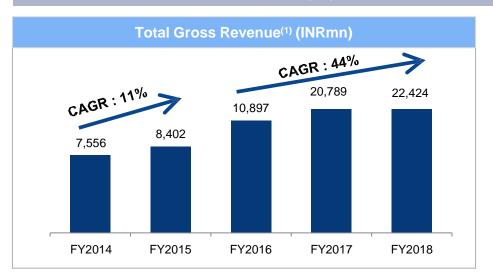
- Enter new attractive segments
- Growth through inorganic strategies

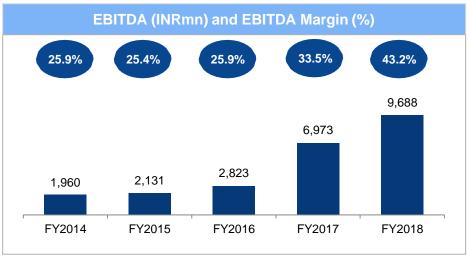
- Focus on a select few high-potential filings, predominantly differentiated products through either Novel Drug Delivery Systems (NDDS) or complex chemistries
- Strategic alliances in RoW markets for further growth

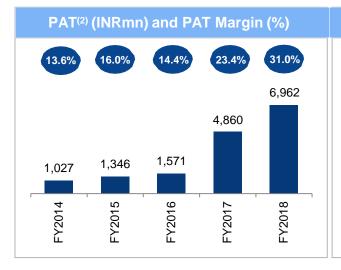
Demonstrated Track Record of Topline and Earnings Growth

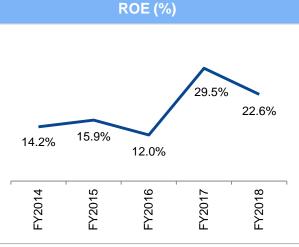


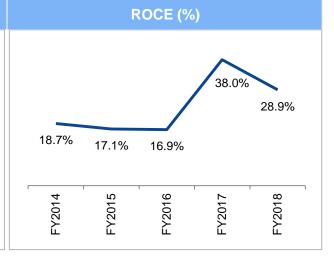
FY2014 and FY2015 numbers have been prepared under IGAAP, whereas FY2016 and FY2017 numbers have been prepared under Ind AS











⁽¹⁾ Represents consolidated gross revenue and includes other income

Represents PAT after minority interest

Historical Financials



Consolidated Profit & Loss Statement (INRmn)

Particulars	31-March-2018	31-March-201
Revenue		
Revenue from operations (Refer note 5)	22,020	20,650
Other income	404	139
Totalrevenues	22,424	20,789
Expenses	, i	, , , , , , , , , , , , , , , , , , ,
Cost of materials consumed	3,905	5,208
Excise duty (Refer note 5)	172	448
Purchases of stock-in-trade	459	971
Changes in inventories of finished goods, stock-in -trade and work-in-	(253)	(188)
progress	(===)	(100)
Employee benefits expense	3,256	2,432
Finance costs	154	185
Depreciation and amortisation expense	662	544
Other expenses	5,197	4,945
Total expenses	13,552	14,545
·		
Profit before tax	8,872	6,244
	<u> </u>	
Tax expense / (credit)		
Current tax	2,199	1,354
Deferred tax	-	1
Minimum alternative tax credit	(279)	-
Tax for earlier years	-	40
,		
Profit after tax	6,952	4,849
Other comprehensive income (net of taxes)		
Items that will not be reclassified to profit or loss		
Re-measurement gains/(losses) on defined benefit plans	(42)	(50)
Net (loss)/gain on FVTOCI equity securities	(2)	28
Items that will be reclassified to profit or loss		
Exchange differences on translation of foreign operations	(8)	(12)
Total comprehensive income	6,900	4,815
Profit attributable to:		
Owners of the parent	6,962	4,860
Non-controlling interests	(10)	(11)
Total comprehensive income attributable to:		
Owners of the parent	6,910	4,826
Non-controlling interests	(10)	(11)
Paid-up equity share capital of ₹2each	369	349
Other equity (Revaluation reserve ₹Nil)	30,353	16,144
	55,555	
Earnings per share (non-annualised)		
Basic (in ₹)	39.26	27.78
Diluted (in ₹)	39.13	27.75

Particulars	31-March-2018	31-March-201
ASSETS		
Non-current assets		
(a) Property, plant and equipment	10,127	8,272
(b) Capital work-in-progress	4,800	3,363
(c) Intangible assets	59	58
(d) Financial assets		
Investments	81	1
Other financial assets	150	131
(e) Current-tax assets (net)	18	-
(f) Other non-current assets	609	478
()	15,844	12,303
Current assets	,	,
(a) Inventories	4,384	3,489
(b) Financial Assets	1,001	0,100
Investments	684	321
Trade receivables	6,375	4,752
Cash and cash equivalents	217	235
Bank balances other than cash and cash equivalents	1,620	123
Loans	45	35
		
Other financial assets	6,142	752
(c) Other current assets	1,840	1,166
	21,307	10,873
Total assets	37,151	23,176
EQUITY AND LIABILITIES		
Equity		
(a) Equity share capital	369	349
(b) Other equity	30,353	16,144
Equity attributable to owners	30,722	16,493
Non-controlling interest	38	41
Total of Equity	30,760	16,534
Liabilities		
Non-current liabilities		
(a) Financial liabilities		
Other financial liabilities	8	8
(b) Provision for employee benefits	324	219
(c) Deferred tax liabilities (net)	139	150
(o) Deletted tax habilities (tiet)	471	377
Current liabilities	7/1	311
(a) Financial liabilities		
	1,732	2.216
Borrowings		, -
Trade payables	2,691	2,627
Other financial liabilities	1,024	1,014
(b) Other current liabilities	310	257
(c) Provision for employee benefits	137	18
(d) Current-tax liabilities (net)	26	133
	5,920	6,265
Total equity and liabilities	37,151	23,176

Historical Financials (contd.)



Segmental Breakdown (INR Mn)				
Revenue Division	Q2 FY19	FY18	Q2FY18	FY17
API, Domestic	62	355	118	512
API, Exports	606	2,499	466	1,325
API Gross Revenue	668	2,854	584	1,837
Formulations, Exports	327	2,051	674	3,947
Income from Profit Sharing/Service Income	2151	8,368	594	4,328
Formulations Onco (including CnD)	982	3,381	973	3,224
Formulations, Brand Pharma Non-Onco	791	3,103	949	4,802
Formulations, 3rd party, & miscel	166	718	213	785
Formulations Gross Revenue	4,417	17,621	3403	17,086
Other operating and non- operating income	536	1,004	145	1,236
Stand-Alone Total Net Revenue	5,621	21,479	4132	20,159
Total Revenue, all subsidiaries	214	945	190	630
Consolidated Total Net Revenue	5,835	22,424	4322	20789

Consolidated Financial Results (INRMn)					
	Q2FY19	FY18	Q2 FY18	FY17	
Total Revenues	5,835	22,424	4322	20,789	
EBITDA	2,605	9,688	1274	6,973	
EBITDA Margin (%)	44.6%	43.2%	29.5%	33.5%	
PAT (after minority interest)	1,816	6,962	844	4,860	
PAT Margin (%)	31.1%	31.0%	19.5%	23.4%	