

December 2, 2020

BSE Limited P. J. Towers Dalal Street, Mumbai - 400 001 National Stock Exchange of India Limited Exchange Plaza Bandra Kurla Complex Bandra (E) Mumbai - 400 051

Dear Sirs,

Sub. : Intimation of Investor/ Analyst Meetings

Pursuant to the provisions of Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, we would like to inform you that the management of the Company shall be attending the Prabhudas Lilladher Pharma Day through virtual mode on December 3, 2020. We enclose details of the Investor/ Analyst for the same. The schedule may undergo change due to exigencies on the part of Investor/ Analysts/ Company.

We also enclose the presentation to be used during the meetings.

This is for your kind information and records. Thanking you,

Yours faithfully, For Jubilant Life Sciences Limited

Rajiv Shah Company Secretary

Encl.: as above

A Jubilant Bhartia Company



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Investor/ Analyst details

ROHA Asset Managers
Ratna Taraya Capital
ICICI Prudential Life Insurance
Incred AMC
TATA AIA Life Insurance
Maybank Asset Management
Bharati AXA
AUM Fund Advisors LLP
Max Life
Edelweiss MF
Param Capital
Steinberg India Advisors
JM Financial Services
Lucky Securities
ValueQuest PMS
INSYNC Capital
Param Capital
Principal MF
SBI Life
RARE
Essel MF





Jubilant Life Sciences Limited

Investor Presentation

November 2020

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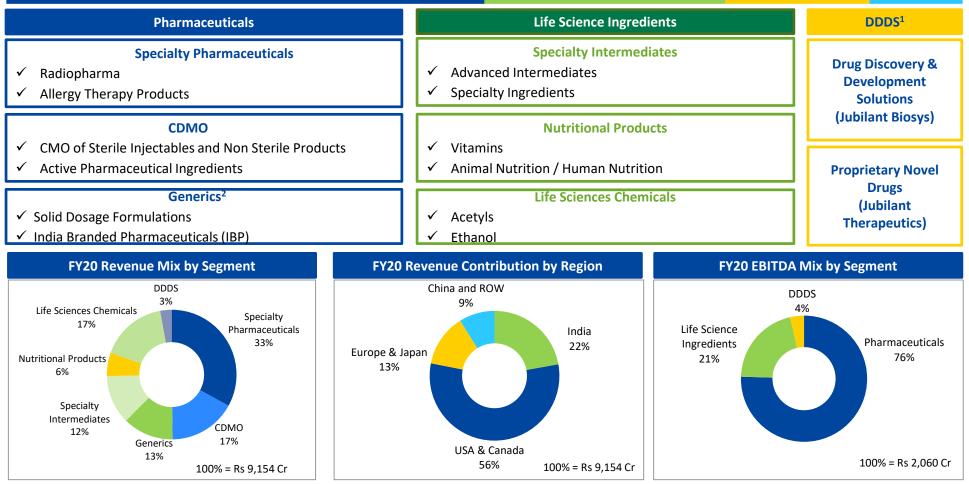
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NOTES

- 1. The numbers for the quarter have been reclassified and regrouped wherever necessary
- 2. Closing Exchange Rate for USD 1 at Rs 73.77 as on September 30, 2020 and Rs 70.88 as on September 30, 2019
- 3. Financial numbers FY 2016 onwards, are as per Indian Accounting Standards (Ind-AS)



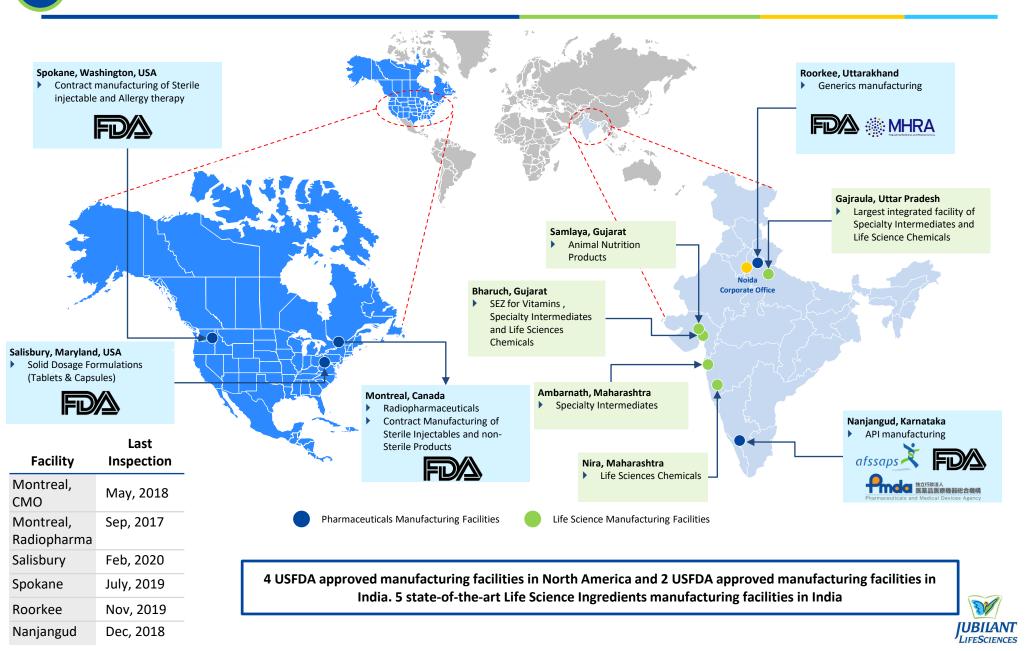
Jubilant Life Sciences Overview



- USD 1.3 billion integrated global pharmaceuticals and life sciences company
- > Strong position in Specialty Pharmaceuticals Radiopharma and Allergy Therapy Products, CMO of sterile injectables
- > 6 USFDA approved manufacturing facilities including 4 in North America and 2 in India; 5 state-of-the-art LSI mfg. facilities in India
- Expertise in chemistry and manufacturing spanning over four decades of experience; Offering 100+ Products; Global leadership position in Pyridine-Beta and 11 Pyridine derivatives; Globally Top 2 in Vitamin B3 and Acetic Anhydride (Merchant Sales)
- Employs over 8,000 people globally, including over 2,300 in North America and around 500 people dedicated to R&D
- 1. Drug Discovery & Development Solutions
- 2. IBP business, earlier presented under segment 'Others' has from Q2'FY20 onwards been reclassified under 'Pharmaceuticals' segment within 'Generics' subsegment



5 High-Quality, World-Class, Low Cost Manufacturing Footprint



Experienced Management team with high standards of corporate governance



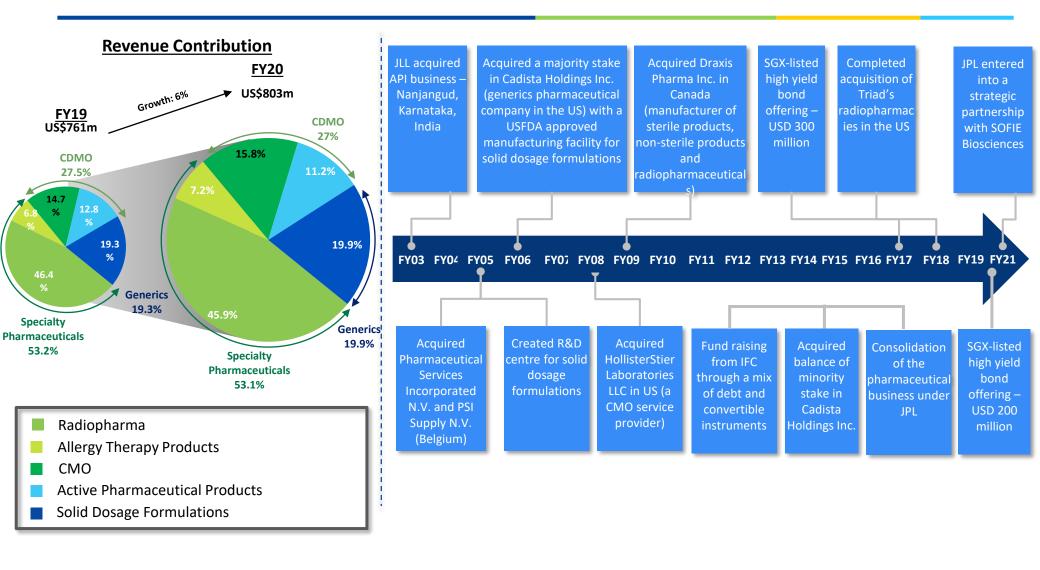
LIFE SCIENCES

Foreign Institutional Investors 26.1%





Evolution of Jubilant Pharma





Radiopharmaceuticals Business

	Radiopharmaceuticals Industry in North America is US\$2.7bn in 2019	Market Size of Industry in North America
	Expected to more than double by 2029 led by PET imaging and theragnostic applications	CAGR (2013-17): 6.1% CAGR (2017-23): 6.2%
Industry Overview ⁽¹⁾	Oncology and cardiology diagnosis accounted for 69.4% of the industry in 2017	CAGR (2013-17): 6.1% CAGR (2017-23): 6.2% 1.9 2.0 2.2 2.3 2.4 2.6 2.7 2.9 3.0 3.2 3.5
	> Increase in incidence of cardiovascular, cancerous and neurological diseases are likely to drive	
	Increase in incidence of cardiovascular, cancerous and neurological diseases are likely to drive growth in imaging procedures	
	 Specializes in cardiology, pulmonology, oncology and endocrinology as well as bone, brain and renal imaging Supplies diagnostic and therapeutic radiopharmaceutical products to 18 countries 	2013 2014 2015 2016 2017E 2019F 2019F 2020F 2020F 2023F 2023F 2023F
Business	> <u>#3 radiopharmaceutical manufacturer</u> in nuclear medicine industry in the US based on revenue ⁽¹⁾	
Overview	Customers include 3 rd party commercial radiopharmacy networks, our radiopharmacies, hospitals, standalone im-	aging centers and cardiologists
	Long-term contracts in place in the US USEDA approved manufacturing facilities at Kirkland Mantroal	
	USFDA approved manufacturing facilities at Kirkland, Montreal	
	Dominant supplier of DRAXIMAGE® MAA for lung perfusion imaging and DraxImage® DTPA for lung ventilation a UNCON® Cardium Ladia 121 activities for themaid disease and themaid encourses are set (UNCON® Cardium Ladia)	
	HICON [®] Sodium Iodine-131 solution for thyroid disease and thyroid cancer management (HICON [®] Sodium Iodine and thyroid cancer management (We are one of three USFDA approved manufacturers globally)	e-131 solution for thyroid disease
	DraxImage [®] Exametazime (505 (b)(2)product) for intra-abdominal infection and inflammatory bowel disease	
	> RUBY-FILL® Rubidium Rb82 Generator and Elution SystemTM (505(b)(2)products) for myocardial perfusion imagin	ng with PET
Products	Plan to file NDA for I-131 mIBG (undergoing Phase II and Phase III clinical trials in US) and 505(b)(2) for 7 other presented as the present of the prese	
	Entered into a MoU for Tilmanocept (entering into Phase 3 clinical trials for Rheumatoid Arthritis) with Navidea	
	Signed an agreement for the exclusive distribution of Eckert & Ziegler's proprietary generator "GalliaPharm®" (no Startogic portage and largest characterized and distribution)	and the second se
	Strategic partner and largest shareholder in SOFIE Biosciences. SOFIE is involved in manufacturing and distributin partners and has an exciting pipeline of their Fibroblast Activation Protein Inhibitors (FAPI) that will greatly enha	
	of a wide variety of oncology diseases	
	Achieve market leadership in the nuclear medicine industry → Increase market share of RUBY-FILL® Generator and RUBY Elution System ^M - cardiac PET imaging. Planning to lau	nch Puby Eill in Europe in EV21
Strategy	 Leverage leadership position in existing products 	
	Expand product portfolio through launch of niche and differentiated products	
		3M

UBILANI

LIFESCIENCES

Radiopharmaceuticals Business – Key Products

RUBY-FILL® (Rubidium Rb-82 Generator) and Elution System



- The RUBY-FILL® Rubidium Rb 82 Generator contains accelerator produced Strontium-82, which decays to Rubidium-82.
- The generator is used to produces a sterile solution of Rb-82 Chloride that is used for Cardiac Positron Emission Tomography (PET), a non-invasive imaging procedure of the myocardium, to evaluate regional myocardial perfusion in adult patients with suspected or existing coronary artery disease.

Kit for the Preparation of Technetium Tc 99m Albumin Aggregated Injection (MAA)



- Used as an adjunct in the evaluation of pulmonary perfusion (blood flow in lungs) in adults and pediatric patients.
- Comparing regional blood flow and regional ventilation enables physicians to obtain an accurate functional assessment of pulmonary pathophysiology for the non-invasive evaluation of pulmonary embolism (PE), differential lung function, or other specifically directed clinical questions on lung pathology.

HICON® Sodium Iodide I-131 Solution USP



- HICON[®] is a radioactive therapeutic agent indicated for the treatment of hyperthyroidism and selected cases of carcinoma of the thyroid.
- The thyroid gland needs iodine to produce its essential hormones that help regulate the body's metabolism.
- Radioactive iodine, such as iodine-131, is captured by the thyroid. When it accumulates in thyroid cells, it releases radiation that will destroy these cells.
- Hence, its a preferred treatment option for differentiated thyroid cancer (DTC) the most common form of thyroid cancer, and hyperthyroidism.

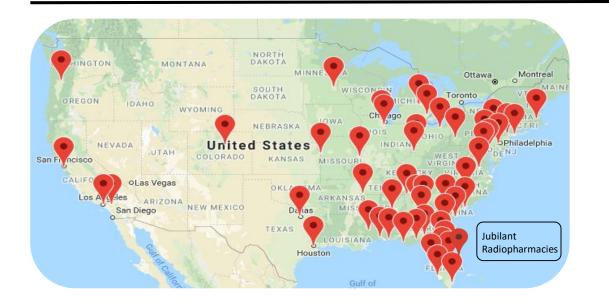


Radiopharmacy Business

2 commercial radiopharmacy network⁽¹⁾ in the US, operated under the Jubilant Radiopharmacy brand

- Facilities include three cyclotrons
- Multi-year agreements with GPOs in place

Strategy





- 49 radiopharmacies spread across 22 states
- ~750 employees



c.2.8 mn+ doses delivered annually

c.1,700 customers across National GPOs, Regional Networks, local hospitals and physician groups



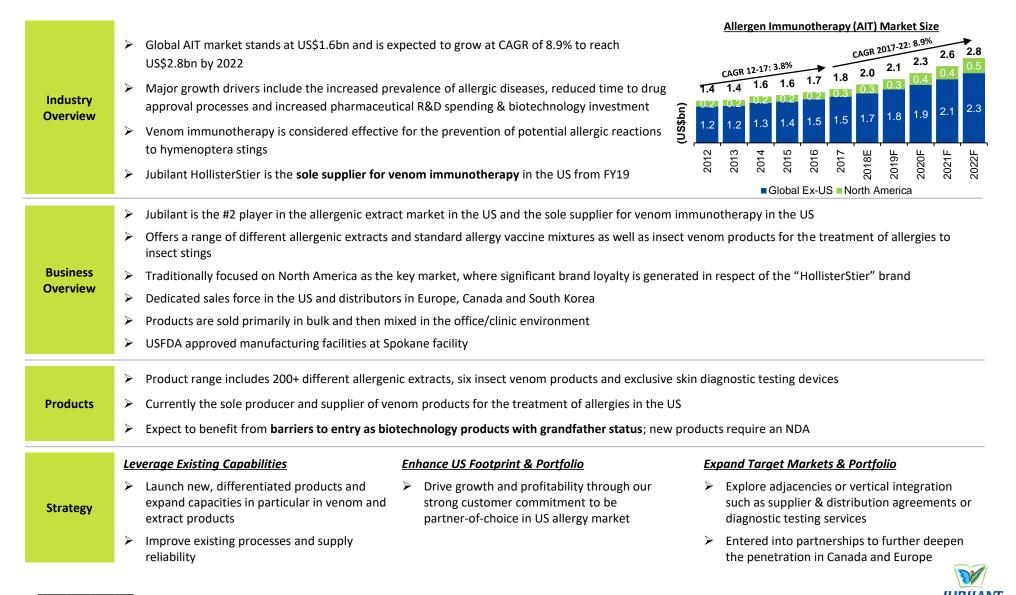
Strong relationships with major national GPOs

Build the nation's premier centralised radiopharmacy network

- > Optimizing coverage of radiopharmacy network through further additions and improvements or consolidation
- > Upgradation of few sites in progress. Efforts also underway to improve operational efficiencies
- > Establish new distribution channels through collaboration and contractual arrangements with strategic partners
- Geographic expansion in US and Canada by increasing brand recognition among hospital networks



Allergy Therapy Business



Allergy Therapy Business – Key Products

ComforTen Skin Test System



- The only self-loading, surgical steel skin test system on the market
- Surgical steel 1.2 mm lancet tips are uniquely designed for minimal patient skin trauma
- ComforTen[®] cause zero reaction at the negative control site, and readings of 3mm or greater are considered positive

Allergenic extract



- Jubilant has a broad & diverse portfolio across all the major allergen extracts in the unique phenol-free format as well as skin test devices with differentiated products (e.g. AP Dog, AP Cat & ComforTen)
- In-house capabilities in extract production
 - Small volume sterile fills, commercial scale lyophilization
 - cGMP facility and quality system that meets FDA and ISO standards

Venom products



- More than 16 million Americans are at risk for a potentially life threatening systemic reaction to an insect sting
- Venom Immunotherapy (VIT) reduces the risk of systemic reaction for patients allergic to stinging insects — with an efficacy rating of up to 98%
- VIT is available in honey bee, white-faced hornet, yellow hornet, wasp, yellow jacket and mixed vespid
- > Up to 14 different species' venom is collected



Contract Manufacturing Business – Sterile Injectables and Non-Sterile Products

Global Pharmaceutical CMO Industry Size

Industry Overview (Injectables)	 Injectable market stands at US\$5.4bn and is expected to CAGR of 4.7% between 2017-23F to reach US\$7.1bn Growth drivers include consolidation in injectable CDM consolidation and technical expertise for sterile injectable Huge demand expected from COVID-19 vaccine require 	O space, shortage of injectable drug ble drugs	owing at a cAGR 12-1 59 63 67 6 9 43 46 50 7 0 6 7 6 9 6 7 6 9 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	CAGR 17-23F: 7.9% 7:7.7% 73 79 85 92 100 109 117 125 134 73 79 85 92 100 109 117 122 134 73 79 85 92 100 109 117 122 134 74 102 110 55 66 66 72 79 87 94 102 110 55 66 67 72 79 87 94 102 110 55 66 70 72 79 87 94 102 100 100 100 100 100 100 100 100 100
Business Overview	 Sterile injectables account for c.80% while non-sterile p Deep and long-term relationships with our top 10 custor the top 20 pharmaceutical companies globally based or Fully integrated contract manufacturer of sterile injecta Full suite of services to our customers including supply or refinement and project management USFDA approved manufacturing facilities located in Spot 	mers - at least 10 years of business revenue bles with in-house R&D capabilities chain support, lab testing services, re	relationships with 6 of our top 1 – well positioned to become a lea	ding, cost effective CMO
Products	 Sterile Injectables Freeze-dried (lyophilized) injectables, vial and ampoule injection diluents and Sterile ointment, creams and liqu Currently produce vial ranges from two milliliters to 100 ranging up to 2,000 litres Capabilities to produce quantities for both large-scale of for clinical trials 	uids) milliliters and batch sizes	Semi-solid dosa	on- sterile Products ge formulations, including antibiotic natological creams and liquids pensions)
Strategy	 Enhance and expand capacity 30% Capacity expansion through following initiatives 24x7 shifts on both the lines New Lyo equipment to increase capacity commercialised in Q1'FY21 Signed five new deals related to COVID-19 treatment and vaccines with potential revenue of up to Rs 500 Crore over the next 12-15 months 	product releases	 New customer targets for ampoules, semi-solids and non-sterile liquids Focus on long term high value contracts 	 Product portfolio extension Finding opportunities to strategically extend our product portfolio Investing in a brand new Ophthalmic space in Montreal Evaluating opportunities for new product launches

Source: Frost & Sullivan - Independent Market Research on the Radiopharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immuno Therapy Industry and the Global and US Generic Pharmaceutical Industry, US Radiopharmaceutical Ind

API Business

						<u>Global Ma</u>	arket Size : Synth	netic API ¹	
						CA	GR (2018-22): 6.79	%	
			15km in 2010 and is supported to an		115	123	131	129	149
Industry		% from 2018 to 2022F to	.15bn in 2018 and is expected to gro o reach US\$149bn ⁽¹⁾		48	51	53	46	62
Overview		ourced API market is ge		(nd\$sbn)	67	72	78	83	87
				L. L.	2018E	2019F	2020F Captive O	2021F utsourced	2022F
	> One of the	global suppliers with ma	rket leadership in select key API pro	ducts					
	➢ c.80% of co	mmercialized portfolio	is in lifestyle driven therapeutic are	as such as C	VS and CNS,	catering to a	n increasing inc	cidence of lifest	tyle-related
Business	medical cor	ditions or non-commun	icable diseases						
		~60% of API sales are to regulated markets. Sartans continue to be a key focus area							
Overview	➤ ~60% of AP	sales are to regulated n	narkets. Sartans continue to be a ke	y focus area					
Overview		sales are to regulated n API supplies started fror		y focus area					
Overview	Remdesivir	API supplies started fror				S Mexico and	l Brazil ANVISA	certifications)	
Overview	Remdesivir	API supplies started fror	m Nanjangud			S Mexico and		certifications) It Global Mark	et Share
Overview	 Remdesivir API facility a 	API supplies started fror at Nanjangud, Karnataka	m Nanjangud I (USFDA, Health Canada, PMDA Japa		rea, COFEPRI			t Global Mark	et Share
	 Remdesivir API facility a Product	API supplies started from at Nanjangud, Karnataka n	m Nanjangud I (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share		rea, COFEPRI Product Carbamaze			t Global Mark 18%	et Share
Overview Products ⁽¹⁾	 Remdesivir API facility a Product Pinaveriur 	API supplies started from at Nanjangud, Karnataka n pine	m Nanjangud I (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61%		rea, COFEPRI Product Carbamaze Donepezil			t Global Mark 18% 17%	et Share
	 Remdesivir API facility a Product Pinaveriur Oxcarbaze 	API supplies started from at Nanjangud, Karnataka n pine	m Nanjangud I (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61% 28%		rea, COFEPRI Product Carbamaze			t Global Mark 18%	et Share
	 Remdesivir API facility a Product Pinaveriur Oxcarbaze Risperidor Meclizine 	API supplies started from at Nanjangud, Karnataka n pine	m Nanjangud a (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61% 28% 24% 20%		rea, COFEPRI Product Carbamaze Donepezil			t Global Mark 18% 17%	et Share
	 Remdesivir API facility a Product Pinaveriur Oxcarbaze Risperidor Meclizine Continue to 	API supplies started from at Nanjangud, Karnataka n pine e be a preferred supplier	m Nanjangud a (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61% 28% 24% 20%	an, KFDA Koi 	rea, COFEPRI Product Carbamaze Donepezil Valsartan	epine		t Global Mark 18% 17%	et Share
	 Remdesivir API facility a Product Pinaveriur Oxcarbaze Risperidor Meclizine Continue to Focus on pr 	API supplies started from at Nanjangud, Karnataka n pine e be a preferred supplier oduct selection, new pro ntiated strategy of prod	m Nanjangud I (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61% 28% 24% 20% to our customers	an, KFDA Kor 	rea, COFEPRI Product Carbamaze Donepezil Valsartan	epine	Jubilan	t Global Mark 18% 17% 8%	
Products ⁽¹⁾	 Remdesivir API facility a Product Pinaveriur Oxcarbaze Risperidor Meclizine Focus on pr Well differe sustainable 	API supplies started from at Nanjangud, Karnataka n pine e be a preferred supplier oduct selection, new pro ntiated strategy of prod growth	m Nanjangud (USFDA, Health Canada, PMDA Japa Jubilant Global Market Share 61% 28% 24% 20% to our customers oduct launches and increasing market	et share of e	rea, COFEPRI Product Carbamaze Donepezil Valsartan xisting produ	epine ucts ighly capable	Jubilan	t Global Mark 18% 17% 8%	



Solid Dosage Formulations Business

		Industry Size by Unbranded Generic Sales ⁽¹⁾⁽³⁾	US Patent Expiry for Sma
Industry Overview	 Global generics pharmaceutical industry stands at US\$111bn and is expected to grow at CAGR of 5.2% to reach US\$136bn by 2023 It is estimated that there will be USD72.5 billion worth of small molecule drugs will have patent expiry from 2018 -22 Pharmerging market has seen strong growth both in volume (6.2%) and value (4.1%) in the recent past (2011-2016)- driven by preference for branded generics coupled with increase in out-of-pocket spend 	CAGR (2012-17): 4.3% CAGR (2012-17): 4.3% CAGR (2012-17): 4.3% CAGR (2012-17): 4.3% CAGR (2017-21): 5.2% CAGR (2012-17): 4.3% CAGR (201	29.0 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20
Business Overview	 56 commercialized generic sound dosage formulations products 98 ANDA filings in the US - of which 36 are pending⁽²⁾ One of the market leaders in select key products in the US Benefit from vertical integration into API business supported by Manufacturing facility at Salisbury, US (USFDA) and Roorkee, Inc. Expanded solid dosage formulations capacity at Roorkee facility 	in-house R&D facilities dia (USFDA, UKMHRA, PMDA Japan, ANVISA Bra	
Products	 #1 player in 4 US products with over 45% share in each of the fo Amongst top 3 players in another 5 US products (IQVIA 3-months) Launched remdesivir in several countries including India in Augustical Statement (India In Augustical Statement) 	s-ending May 2020)	doubled to 480,000 vials
Strategy	 Aim is to be the first to enter and last to exit using our chemistre Focus on investment in R&D in order to increase our ANDA filing Focus on cost leadership with increased integration of in-house Expand business into emerging markets by leveraging existing U Roorkee site capacity expansion completed in FY20. Salisbury site 	gs and approvals APIs JS filings	

(1) Source: Frost & Sullivan - Independent Market Research on the Radiopharmaceutical Industry, US Radiopharmacy Chain, US Contract Manufacturing Organisation Industry, US Allergy Immunotherapy Industry and the Global and US Generic Pharmaceutical Industry

Global Generics Pharmaceuticals

As of September 30, 2020 (2)

Only includes prescription drugs (3)



US Patent Expiry for Small Molecules

2018 2019

US\$ 72.5 bn

12.611.7

2020

2021 2022

14.0





Specialty Intermediates



- Specialty Intermediates business comprises of Advance intermediates with product offerings such as Pyridines, Picolines, Cyanopyridines, Piperidine and their value added derivatives known as Fine Ingredients and Crop Science Ingredients
- > Expertise in performing 100+ Chemistry Steps and 35+ Chemistry platforms
- Business Strong relationships with 19 of top 20 Global Pharma companies & 7 of top 10 Global Agrochemical companies
 - Strategic supplier to 275+ Global Agrochemical, Pharma and industrial customers
 - > Exports accounted for 61% of the business revenue in FY20
 - Solobally number 1 in bio-based Acetaldehyde, Safer & efficacious solution for all end use industries based on greener chemistry

	Key Product	Jubilant Global Market Share
Products	Pyridine- Beta	22%
	Global leader in 11 Pyridine Derivatives (Halo derivatives, Amino Pyridines, Alkyl Derivatives)	25% to 84%
	Leverage integrated value chain to ensure cost advantages and higher	r margins

- > Capacity expansion through regular debottlenecking & process intensification to meet incremental market demand
- Strategy > Drive growth through new product launches thereby expanding product portfolio; Increase in customer alliances to defend market share and internal asset optimization
 - CDMO : Customized solutions for pharma and agro industry including cGMP and non-cGMP products: Mastery in Different Technology Platforms with Dedicated Project Management Team For Client's tailored requirement



Nutritional Products

Industry Overview	 Global nutrition market is USE dominated by feed business a Animal Feed contributes ~80% Animal Feed Additive market is growing at 4.6% CAGR Source: IMS Database; Trade Datebase, Alltect 	nd food ingredients. 6 of total Nutrition market n India is valued at Rs. 3,600 Cr.	CAG 59 60 61	22 P FY 23 P FY 24 P FY 25 P
Business Overview	 Products for Animal Nutrition. Vitamin Business is Trusted supp Business has Global reach throu Animal Nutrition Business offers commercial farmers 	itegic supplier of Choline Chloride to	ceutical Companies urope & China ent and disease prevention produ	icts for integrators, feed millers, and
Products	Key Product Vitamin B3	Jubilant Global Market Share	Key Product Vitamin B ₄ (India)	Jubilant India Market Share 64%
Strategy	 Businesses are undertaking passing supplements 	edstock produced captive throug ortfolio expansion into new prod egular debottlenecking & proces	ucts, having applications in Cos	metics, Pharmaceuticals & Dietary nental market demand



Life Science Chemicals

		<u>Global I</u>	<u>Market Size (KT)</u> <u>Anhydride</u>	<u>: Acetic</u>	<u>Global</u>	Market Size (KT <u>Acetate</u>	<u>): Ethyl</u>
Industry Overview	 Global Acetic Anhydride market is 589 KT in FY'20 and is expected to grow at 2.2% to reach 657KT in FY'25 Global Ethyl Acetate market is 2150 KT in FY'20 and is expected to grow at 3% to reach 2452 KT in FY'25 	CAGR (FY'20- FY'25): 2.29 628	662	<u>CAGR</u> 2150	(FY'20- FY'25): 3% 2349	و مبادع الم
		FY'20	FY'23	FY'25	FY'20	FY'23	Fy'25
Business Overview	 Dominant player in domestic market for over 3 decades. High share in inte Only organized player in domestic market, supplies to all major customers Leading producer of Acetic Anhydride and Ethyl Acetate, which have app Large scale ethanol producer; Ethanol used in Advanced intermediates an Ethanol Blending Program (EBP) 	; Ilications in Pha d Life science c	arma, Agro, Dru	•		MCs under GC	Dis

Strategic location in India's sugarcane belt for cost efficient raw material supply

> One of the **lowest cost manufacturers**

	Key Product	Jubilant Global Market Share ⁽¹⁾	Jubilant India Market Share ⁽¹⁾
Products ⁽¹⁾	Acetic Anhydride	15%	62%
Products	Ethyl Acetate	4%	28%

Strategy
 Capacity / Product / Geographic Expansion

 Continued capacity investment – Commissioned new Acetic Anhydride plant in FY20
 Expansion of exports
 Expansion in geographies such as Europe and South East Asia to drive growth in the business
 Leverage integration and continuous improvement in manufacturing processes to drive cost efficiencies
 Leverage global sales and distribution network and reliable customer base







Drug Discovery & Development Solutions (Jubilant Biosys)

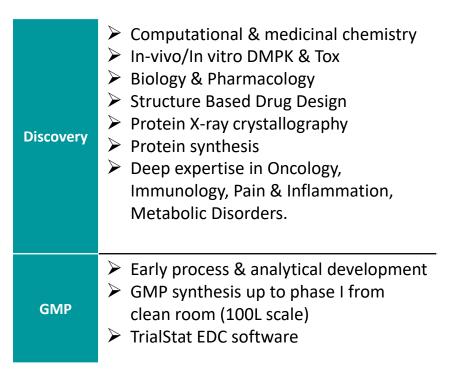
Drug Discovery & Development Solutions

Overview

- Drug Discovery Services (Drug Discovery Services) business through Jubilant Biosys Limited provides innovation and collaborative research through two research centers in Noida and Bangalore.
- Provides new Drug Discovery services to global innovators in US, EU, Japan & APAC.
- Fully integrated Drug Discovery service provider as well as functional specialist for complex chemistry, computational chemistry and scaleup up to GMP phase 1.
- Top 10 customers based on long relationship and performance record
- Engaged in several risk-shared discovery projects including Sanofi and highly reputable US investment funds.
- Research facilities include:
 - Noida, India chemistry & analytical services as well as NCE scaleup and GMP for phase 1
 - Bengaluru, India medicinal & computational chemistry, biology, DMPK/Tox. Integrated services up to IND phase.
 - TrialStat: EDC software for clinical trials
 - > Digital: ML/AI pilots, data curation, Bio-informatics

Discovery Services up to IND & GMP

Full suite of services to our customers including supply chain support, lab testing services and project management









Proprietary Novel Drugs (Jubilant Therapeutics)

Proprietary Novel Drugs

Innovative Biotech funded and launched as a standalone US-based entity in 2019 by parent- a global life sciences company

- Risk diversified pipeline of multiple novel precision therapeutics programs in oncology and auto-immune space that have been built over 3 years in stealth mode
- Discovery engine that combines patient-derived database, structure-based design and computational models
- Dedicated team of drug hunters biologists and chemists with decades of integrated drug discovery expertise
- Advancing other undisclosed early stage programs for intractable targets in oncology (oncogenes, transcription factors)

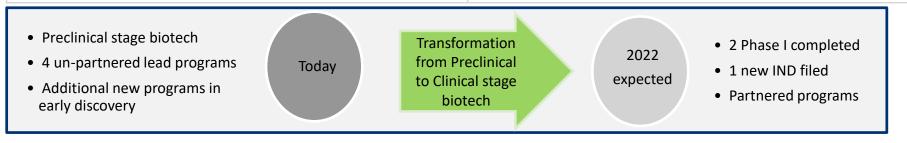
On value inflection path from preclinical stage to clinical stage -two lead programs expected to transition to clinic in 12-18 months:

LSD1/HDAC6: First-in-class dual epigenetic inhibitor for genetically-defined cancer (AML, TNBC) – Sustained target engagement, consistent efficacy in xenograft models and minimized systemic tox – Phase 1 H2'FY22

PAD4: Differentiated mechanism of citrullination and neutrophil extracellular traps (NETosis) with potential in multiple auto-immune disorders (RA, Fibrosis) – Marked in vivo efficacy with druggable therapeutic margin and no signs of immune suppression – IND filing H2'FY22

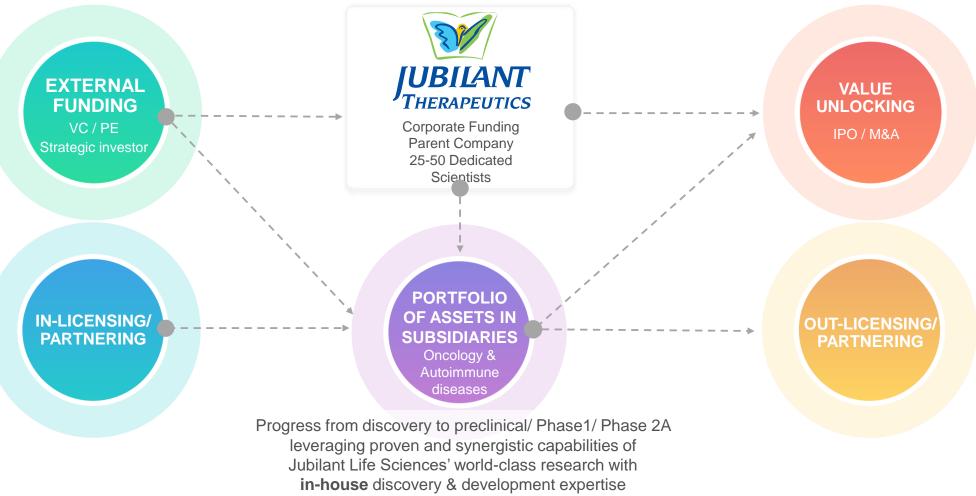
PRMT5: Oral brain penetrant inhibitor (Glioblastoma) – Lead optimization

PDL1: Small molecule inhibitor for oral maintenance checkpoint therapy – Lead optimization



Proprietary Novel Drugs

Agile and flexible business model to accelerate value creation





Q2'FY21 Results Analysis



JLL – Q2'FY21 Financial Highlights

Particulars ¹	Q2'FY20	Q2'FY21	YoY (%)
Revenue			
Pharmaceuticals	1,452	1,516	4%
Life Science Ingredients	753	784	4%
Drug Discovery & Development Solutions	61	75	23%
Proprietary Novel Drugs	-	-	
Total Revenue from Operations	2,266	2,375	5%
EBITDA			
Pharmaceuticals ²	386	343	(11%)
Life Science Ingredients	91	139	52%
Drug Discovery & Development Solutions	19	21	11%
Proprietary Novel Drugs	(6)	1	-
Unallocated Corporate Expenses	(9)	(10)	-
Reported EBITDA	481	493	3%
Adjusted EBITDA	504	493	(2%)
PAT	249	224	(10%)
EPS	15.7	14.1	(10%)
EBITDA Margins			
Pharmaceuticals	26.6%	22.6%	
Life Science Ingredients	12.1%	17.7%	
Drug Discovery & Development Solutions	30.5%	27.4%	
Reported EBITDA	21.2%	20.8%	
Adjusted EBITDA	22.2%	20.8%	

Geography Wise Revenue¹

Particulars ¹	Q2'FY20	Q2'FY21	YoY (%)
India	520	602	16%
North America	1,283	1,251	(2%)
Europe and Japan	264	291	10%
RoW	200	231	16%
Total	2,266	2,375	5%

All figures are in Rs Crore unless otherwise stated

Pharmaceuticals seament includes India Branded Pharmaceuticals business under the Generics segment

- Revenue at Rs 2,375 Crore, as compared with Rs 2,266 Crore in Q2'FY20
 - Pharmaceuticals revenue at Rs 1,516 Crore as compared to Rs 1,452 Crore in Q2'FY20
 - LSI revenue at Rs 784 Crore vs. Rs 753 Crore in Q2'FY20
 - Drug Discovery Services (DDS) revenue at Rs 75 Crore as against Rs 61 Crore in Q2'FY20
- Reported EBITDA at Rs 493 Crore as compared with Rs 481 Crore in Q2'FY20. EBITDA margin at 20.8% vs. 21.2% in Q2'FY20
 - Pharmaceuticals EBITDA at Rs 343 Crore as against Rs 386 Crore in Q2'FY21 with margin of 22.6% as compared to 26.6% in Q2'FY20
 - LSI EBITDA at Rs 139 Crore vs. Rs 91 Crore in Q2'FY20; Q2'FY21 margin at 17.7% vs. 12.1% in Q2'FY20
 - DDDS EBITDA at Rs 21 Crore as compared to Rs 19 Crore in Q2'FY20; Q2'FY21 margin at 27.4% vs. 30.5% in Q2'FY20
- Finance costs at Rs 64 Crore vs. Rs 72 Crore in Q2'FY20
- Q2'FY20 had lower tax incidence due to deferred tax liability reversal of Rs 50 Crore. Reported PAT during the quarter was at Rs 224 Crore as compared with Rs 249 Crore in Q2'FY20. However, adjusting for the tax reversal, PAT is up 12% YoY.
- EPS for Q2'FY21 is Rs 14.1 versus Rs 15.7 in Q2'FY20.
- Capital expenditure for the quarter was Rs 110 Crore



Drug Discovery & Development Solutions include the Drug Discovery Services (Jubilant Biosys) business and Proprietary Drug Discovery business (Jubilant Therapeutics) 3.

Income Statement – Q2 and H1'FY21

Particulars ¹	Q2'FY20	Q2'FY21	YoY (%)	H1'FY20	H1'FY21	YoY (%)
Total Revenue from Operations	2,266	2,375	5%	4,448	4,268	(4%)
Pharmaceuticals	1,452	1,516	4%	2,781	2,612	(6%)
Life Science Ingredients	753	784	4%	1,559	1,520	(2%)
Drug Discovery & Development Solutions	61	75	23%	109	132	21%
Proprietary Novel Drugs	-	-		-	4	
Total Expenditure	1,797	1,889	5%	3,545	3479	(2%)
Other Income	12	7		22	15	
Segment EBITDA	490	503	3%	950	822	(14%)
Pharmaceuticals	386	343	(11%)	716	521	(27%)
Life Science Ingredients	91	139	52%	213	263	23%
Drug Discovery & Development Solutions	19	21	11%	30	38	28%
Proprietary Novel Drugs	(6)	1	-	(9)	(1)	-
Unallocated Corporate (Expenses)/Income	(9)	(10)	-	(25)	(18)	-
Reported EBITDA	481	493	3%	925	804	(13%)
Depreciation and Amortization	117	116	(1%)	220	228	4%
Finance Cost	72	64	(11%)	144	140	(3%)
Profit before Tax	292	314	7%	561	436	(22%)
Profit before Tax (After Exceptional Items)	292	314	7%	561	436	(22%)
Tax Expenses (Net)	43	90	109%	127	124	(3%)
РАТ	249	224	(10%)	434	312	(28%)
EPS - Face Value Re. 1 (Rs.)	15.7	14.1		27.3	19.6	(28%)
Segment EBITDA Margins	21.6%	21.2%		21.4%	19.2%	
Pharmaceuticals	26.6%	22.6%		25.7%	20.0%	
Life Science Ingredients	12.1%	17.7%		13.7%	17.3%	
Drug Discovery & Development Solutions	30.5%	27.4%		27.7%	29.2%	
Reported EBITDA Margin	21.2%	20.8%		20.8%	18.8%	
Net Margin	11.0%	9.4%		9.8%	7.3%	



FY20 Results Analysis



JLL – FY20 Financial Highlights

Particulars ¹	FY19	FY20	YoY Change (%)
Revenue			
Pharmaceuticals ²	5,349	5,714	7%
Life Science Ingredients	3,545	3,179	(10%)
Drug Discovery & Development Solutions ³	217	262	21%
Total Revenue from Operations	9,111	9154	0.5%
EBITDA			
Pharmaceuticals ²	1,372	1,555	13%
Life Science Ingredients	445	431	(3%)
Drug Discovery & Development Solutions	18	73	309%
Unallocated Corporate Expenses	(60)	(65)	
Reported EBITDA	1,775	1,995	12%
Adjusted EBITDA	1,860	2,066	11%
Exceptional Items	280	35	
РАТ	574	898	56%
EPS	36.9	56.4	53%
Normalised PAT	855	933	9%
Normalised EPS	53.7	58.6	9%
EBITDA Margins			
Pharmaceuticals	25.7%	27.2%	
Life Science Ingredients	12.6%	13.6%	
Drug Discovery & Development Solutions	8.3%	28.1%	
Reported EBITDA	19.5%	21.8%	
Adjusted EBITDA	20.4%	22.6%	
Geography Wise Rev	/enue ¹		



Revenue at Rs 9,154 Crore up from Rs 9,111 Crore in FY19

- Pharmaceuticals revenue at Rs 5,714 Crore, increased by 7% YoY, contributing 62% to revenue
- LSI revenue at Rs 3,179 Crore decreased 10% YoY, contributing 35% to revenue
- Drug Discovery & Development Solutions (DDDS) revenue at Rs 262 Crore, an increase of 21% YoY
- Reported EBITDA at Rs 1,995 Crore increased by 12% YoY. EBITDA margin at 21.8% against 19.5% in FY19, an increase of 231 bps
 - Pharmaceuticals EBITDA at Rs 1,555 Crore, a 13% increase YoY with a margin of 27.2% as compared to 25.7% in FY19
 - LSI EBITDA at Rs 431 Crore as compared to Rs 445 Crore in FY19; FY20 margin improved to 13.6% from 12.6% in FY19
 - DDDS EBITDA increased by over three times to Rs 73 Crore from Rs 18 Crore in FY19; FY20 margin at 28.1% up from 8.3% in FY19
- Adjusted EBITDA after one-off expenses at Rs 2,066 Crore vs. Rs 1,860 Crore in FY19, growth of 11% YoY. Adjusted EBITDA margin in FY20 was 22.6% vs. 20.4% in FY19
- Finance costs at Rs 287 Crore as compared to Rs 220 Crore in FY19.
- Net Profit at Rs 898 Crore up 56% YoY. EPS of Rs 56.4 vs. Rs 36.9 in FY19
 - FY20 exceptional charge of Rs 35 Crore was related to Rs 23.3 Crore charge for prepayment of high yield bonds and NCDs and Rs 11.3 Crore related to asset write-off. FY19 exceptional charge of Rs 280 Crore was related to settlement of IFC convertible loan

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IUBILANT

- Normalised PAT at Rs. 933 Crore vs. Rs 855 Crore in FY19. Normalised EPS at Rs. 58. 6 for Re. 1 FV vs. Rs 53.7 in FY19
- Capex in FY20 of Rs 516 Crore
- Net debt lower by Rs 514 Crore during FY20

1. All figures are in Rs Crore unless otherwise stated

2. Pharmaceuticals segment includes India Branded Pharmaceuticals business under the Generics segment

3. Drug Discovery & Development Solutions include the Drug Discovery Services (Biosys & Chemsys) business and Proprietary Drug Discovery business (Jubilant Therapeutics)

Rs Crore

				% Change			% Change
S. No.	Particulars	Q4'FY19	Q4'FY20	ΥοΥ	FY19	FY20	YoY
1	Reported EBITDA	351	556	58%	1,775	1,995	12%
2	One-off Adjustments	37	12		85	72	
3	Adjusted EBITDA	388	568	46%	1,860	2,066	11%
4	Reported EBITDA Margin	14.7%	23.3%		19.5%	21.8%	
5	Adjusted EBITDA Margin	16.3%	23.7%		20.4%	22.6%	

One-off Expenses

Consol EBITDA

S. No.	Particulars	Q4'FY19	Q4'FY20	FY19	FY20
1	Site Remediation	0	6	0	23
2	Non-supply penalties due to Roorkee Warning				
2	Letter	18	2	32	15
3	Litigation Expense	19	3	52	25
4	Donation	0	0	0	9
	Total One-Off Expenses	37	12	85	72



Income Statement – Q4 & 12M'FY20

Particulars ¹	Q4'FY19	Q4'FY20	YoY Growth	FY19	FY20	YoY Growth
Total Revenue from Operations	2,386	2,391	0%	9111	9,154	0%
Pharmaceuticals	1,405	1,483	6%	5349	5,714	7%
Life Science Ingredients	912	823	(10%)	3545	3,179	(10%)
Drug Discovery & Development Solutions	68	85	25%	217	262	21%
Total Expenditure	2,028	1,855	(9%)	7372	7207	(2%)
Other Income	(7)	19		36	47	
Segment EBITDA	385	582	51%	1835	2,060	12%
Pharmaceuticals	285	429	50%	1372	1,555	13%
Life Science Ingredients	101	118	17%	445	431	(3%)
Drug Discovery & Development Solutions	-1	35	-	18	73	309%
Corporate (Expenses)/Income	(34)	(26)		(60)	(65)	
Reported EBITDA	351	556	58%	1775	1,995	12%
Depreciation and Amortization	95	129	36%	371	462	25%
Finance Cost	62	71	16%	220	287	31%
Profit before Tax	195	356	83%	1184	1,245	5%
Exceptional Items	235	0		280	35	
Profit before Tax (After Exceptional Items)	(40)	356	-	904	1,211	34%
Tax Expenses (Net)	61	95	57%	327	312	(4%)
Minority Interest	(1)	0	-	3	0	-
PAT	(99)	260	-	574	898	56%
EPS - Face Value Re. 1 (Rs.)	(6.4)	16.4		36.9	56.4	53%
Normalised PAT	135	260	92%	855	933	9%
Normalised EPS - Face Value Re. 1 (Rs.)	8.5	16.4	92%	53.7	58.6	9%
Segment EBITDA Margins	16.1%	24.3%		20.1%	22.5%	
Pharmaceuticals	20.3%	28.9%		25.7%	27.2%	
Life Science Ingredients	11.0%	14.4%		12.6%	13.6%	
Drug Discovery & Development Solutions	(1.1%)	40.7%		8.3%	28.1%	
Reported EBITDA Margin	14.7%	23.3%		19.5%	21.8%	
Net Margin	(4.2%)	10.9%		6.3%	9.8%	
Normalised Net Margin	5.7%	10.9%		9.4%	10.2%	

FY20 exceptional charge of Rs 35 Crore was related to Rs 23.3 Crore charge for prepayment of high yield bonds and NCDs and Rs 11.3 Crore related to asset write-off in Q3'FY20

Q4'FY19 and FY19 exceptional charge of Rs 235 Crore and Rs 280 Crore was related to settlement of IFC convertible loan

1. All figures are in Rs Crore unless otherwise stated

2. Pharmaceuticals segment includes India Branded Pharmaceuticals business



Debt Profile Q2'FY21

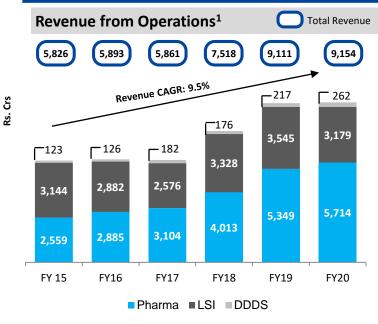
Particulars	31-Mar-20	30-Jun-20	30-Sep-20
Foreign Currency Loans	(US\$ m)	(US\$ m)	(US\$ m)
Subsidiaries	431	435	435
Total	431	435	435
Rupee Loans	(Rs Crore)	(Rs Crore)	(Rs Crore)
Standalone	1,295	985	820
Subsidiaries	100	160	125
Total	1,395	1,145	945
Gross Debt	(Rs Crore)	(Rs Crore)	(Rs Crore)
Standalone	1,295	985	820
Subsidiaries	3,361	3,444	3,334
Total	4,656	4,429	4,154
Cash & Equivalent	1,400	1,523	1,173
Net Debt	3,256	2,906	2,981
Change in debt on account of exchange rate difference from 31 March 2020		7	82
Net Debt (on constant currency basis)	3,256	2,913	3,063
QoQ change		(343)	150
Cumulative change		(343)	(193)
Closing exhcane rate (US\$/ Rs)	75.67	75.51	73.77

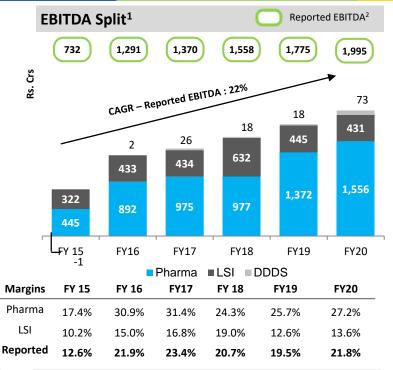
- Net Debt (constant currency) reduction of Rs 193 Crore in H1'FY21. This is in addition to Rs 514 crore reduction in net debt during FY20
- Average blended interest rate for Q2'FY21 @ 5.72%; INR loans @ 7.48% and USD loans @ 5.07%



Demonstrated Financial Track Record with Strong Revenue Growth and







PAT EPS 41.3 25.1 36.9 36.9 56.4 898 **Rs.Crs** 643 576 574 431 FY16 FY17 FY18 FY19 FY20

1. Pharma Revenue and EBITDA includes India Branded Pharmaceuticals

2. Reported EBITDA is after Corporate Expenses

3. Normalised PAT is before exceptional items of Rs 35 Crore related to charge for prepayment of bonds and NCDs in FY20 and of stock settlement charge of Rs 280 Cr on IFC convertible loan due to one time settlement in FY 19

Net Debt to EBITDA²

2.7

FY17

2.1

FY18

2.0

FY19

1.6

FY20

3.3

FY16

- Revenue increased at a CAGR of 9.5% over FY15-20 and EBITDA increased at a CAGR of 22% over the same period
- Reported EBITDA up 12% YoY to Rs 1,995 Crore. Adjusted EBITDA after one-time expenses at Rs 2,066 Crore up 11% YoY
- Increase in revenue and EBITDA attributable to increasing share of high margin Pharmaceuticals segment
- Pharma margins at 27% in FY20 and 26% in FY19 including Radiopharmacies and IBP
 - Specialty Pharmaceuticals margin at 32% in FY20 as against 28% in FY19
 - CDMO margin at 26% in FY20 vs. 31% in FY19
 - Generics margin at 16% in FY20 vs. 12% in FY19 (including IBP)
- PAT at Rs 898 Crore in FY20 vs Rs 574 Crore in FY19. Normalised PAT³ at Rs 933 Crore as compared to Rs 855 Crore in FY19
- Net Debt / EBITDA down to 1.6x as on 31 March 2020 from 3.3x as on 31 March 2016



Update on Reorganization Proposal

Post the board approval on Oct 25, 2019 for reorganizing the businesses of the Company, in November 2019 the Company had filed with BSE Limited (BSE) and National Stock Exchange of India Limited (NSE) the Composite Scheme of Arrangement for amalgamation of certain Promoter Group entities into the Company and Demerger of the Life Science Ingredients business into the Resulting entity which shall be listed on both the stock exchanges with a mirror shareholding

Upon receipt of no objection letters from BSE and NSE in January 2020, the Company had filed application for approval of the composite scheme of arrangement with National Company Law Tribunal, Allahabad Bench ("NCLT")

Pursuant to first motion order of NCLT received in June 2020, the Company on Aug 8, 2020 arranged NCLT convened meetings of Shareholders, Secured creditors and Unsecured creditors of the Company for voting on the Composite Scheme. During this meeting, the Shareholders, Secured creditors and Unsecured creditors of the Company approved the Composite Scheme of Arrangement with requisite majority and the same has been mentioned in the Scrutinizer report dated Aug 8, 2020, which has been filed with the stock exchanges

Though COVID–19 related lockdown had delayed the NCLT hearings, it is now expected that matter of the composite scheme of arrangement would be heard by the NCLT in its normal course

No impact has been considered in the financial results of the Company on account of the Composite Scheme



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