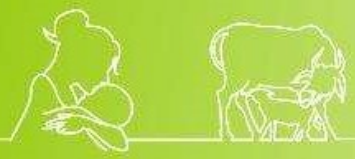
INDIAN IMMUNOLOGICALS LIMITED

Vision

Shaping Global Healthcare by Spearheading the One Health Initiative.

Mission

To Innovate, Produce and Market Quality Healthcare Products and Services to Improve and Extend lives





Every Child in India is Immunized at least Once with IIL's Vaccine under Universal Immunization Program

IIL's Vaccine Touches Every Livestock in India at least once in it's Lifetime



Genesis of IIL – A One Health Company

INDIAN IMMUNOLOGICALS LIMITED

National Dairy Development Board (NDDB) established Indian Immunologicals in 1982 with the objective of making Foot and Mouth Disease vaccine.



On request from Government, IIL entered in human health vaccine segment in year 1998 with Vero cell-based Rabies vaccine.

Corporate Governance

Incorporated in 1999 under companies act as public limited company

INDIAN IMMUNOLOGICALS LIMITED

Share Holders (100% shareholding by NDDB)

↓

Chairman and Board of Directors
(Total 8, consists of 3 independent Directors)

↓

Leadership Team

↓

Head of Functions (HoF)



Head of Functions includes Heads from Manufacturing, Quality, Finance, Marketing, R&D, HR, Supply Chain, IT & CS. HOF meets once a month.

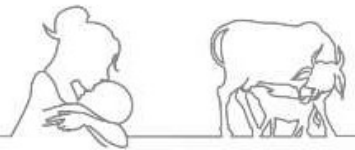
STATUTORY AUDITORS
Deloitte.

Internal Auditors
MSKA & Associates

40 Years of Growth

INDIAN IMMUNOLOGICALS LIMITED

- Top 10 Biopharma Company in India
- World's largest producer of Anti-Rabies vaccine
- One of the largest supplier to Universal Immunization Programme
- Largest Supplier of FMD Vaccine in India
- Several Innovative Products for Multiple Species
- Only manufacturer in India for Companion Animals
- One of the Largest Vaccine Manufacturing Plants in Asia



IIL's Business

INDIAN IMMUNOLOGICALS LIMITED

SEGMENTS



Animal Health



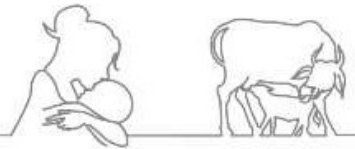
Human Health

PRODUCT GROUPS

- VACCINES (Cattle, Sheep, Goat, Canines, Pigs)
- Formulations (Cattle, Sheep and Goat, Canines)
- Nutraceuticals (Cattle, Sheep and Goat, Canines, Fish)
- VACCINES
- Wellness products & Hormones

BUSINESS FUNCTION

- Institutional Business
- Trade Business
- International Business
- Contract Manufacturing



IIL's Business

INDIAN IMMUNOLOGICALS LIMITED

4
manufacturing sites

>2000
global employees

More than
100
products

More than
5 Billion
Dosage of vaccines produced

19
distribution centers

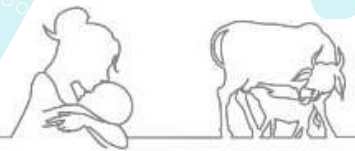
Supply to more than
62
countries

₹1358 Cr
Revenues in 2024

₹4721 Cr
Cumulative Turnover in last 5 years

₹1445 Cr
Cumulative profit in last 5 years

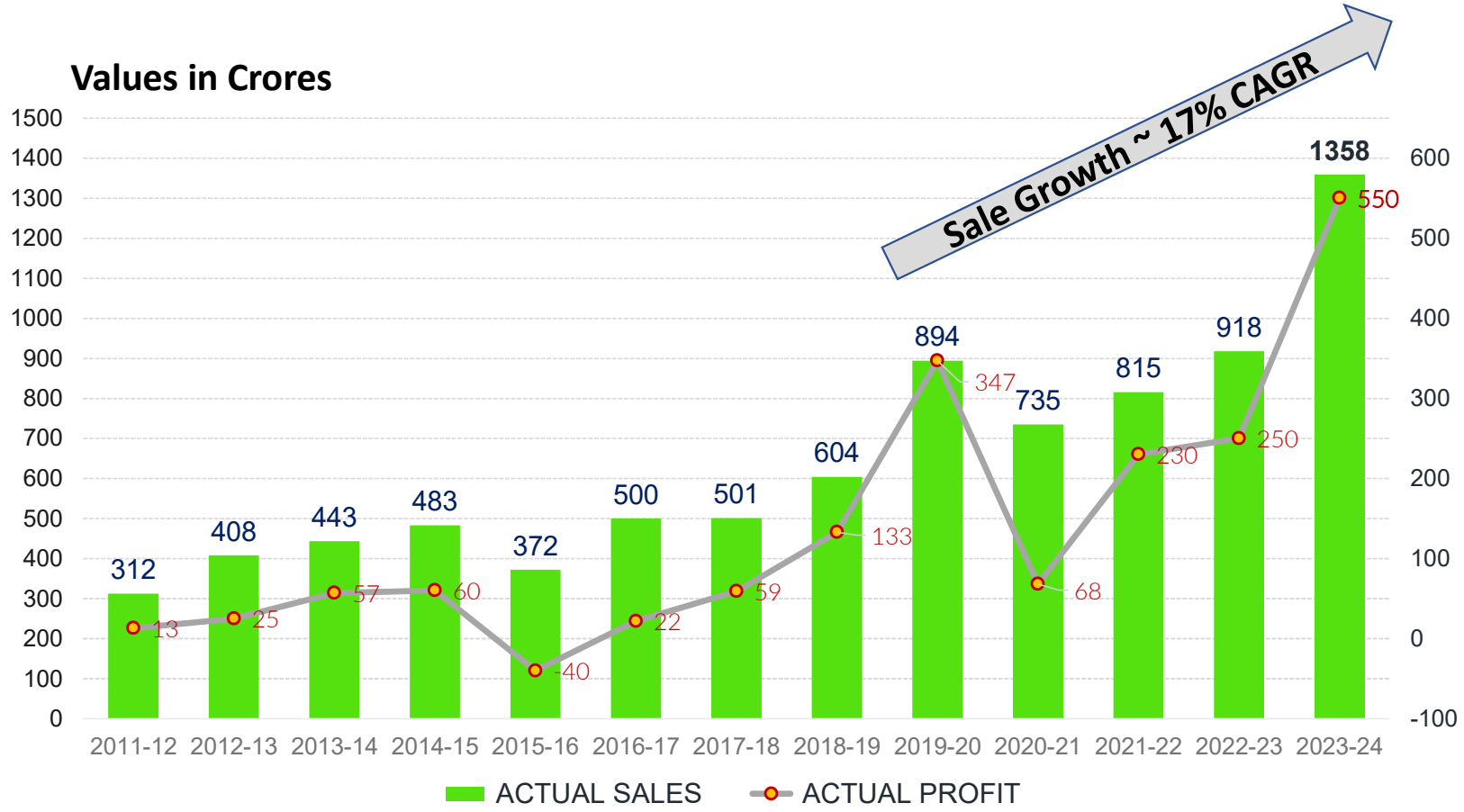
₹216 Cr
CAPEX Investment in last 2 years



IIL growing above market since last 6 years

In last 5 years Profit Before Tax growing @ 33%

INDIAN IMMUNOLOGICALS LIMITED



IIL's Business

INDIAN IMMUNOLOGICALS LIMITED

4
manufacturing sites

>2000
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More than
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Dosage of vaccines produced

19
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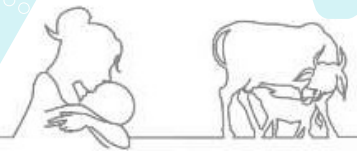
Supply to more than
62
countries

$113.3m
Revenues in 2023

$582.8m
Cumulative Turnover in last 5 years

$178.3m
Cumulative profit in last 5 years

$26.6m
CAPEX Investment in last 2 years



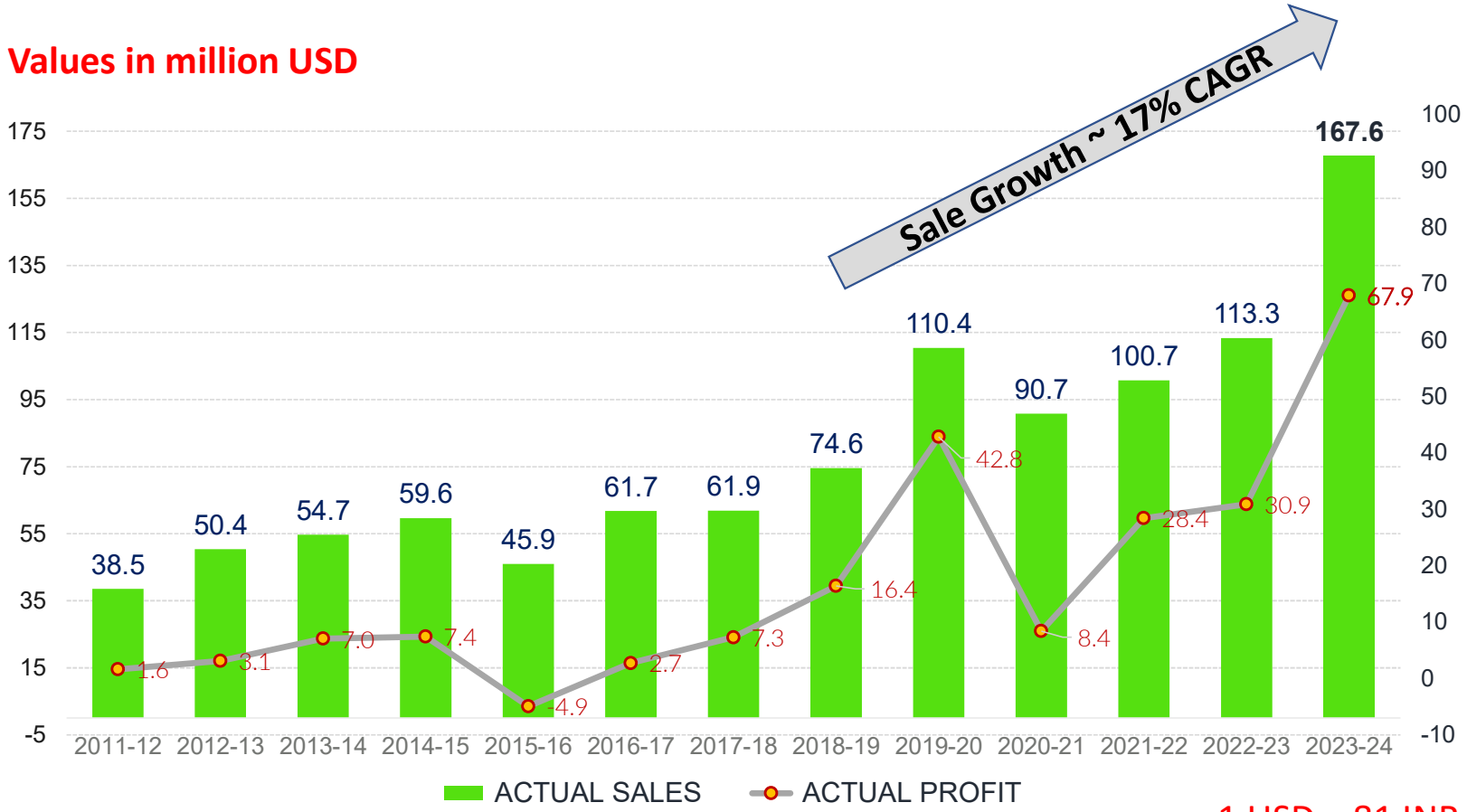
1 USD = 81 INR

IIL growing above market since last 6 years

In last 5 years Profit Before Tax growing @ 33%

INDIAN IMMUNOLOGICALS LIMITED

Values in million USD



1 USD = 81 INR

Research & Development

INDIAN IMMUNOLOGICALS LIMITED



- Scientists with interdisciplinary areas of expertise
- BSL-3, Hi-tech infrastructure for biologicals & vaccines
- Developing various vaccines using platform technologies
- Hybridoma for monoclonal antibodies
- Conjugated polysaccharide Vaccine and Virus Like Particles capabilities

HARVARD MEDICAL SCHOOL
Hib Conjugate

National Institute of Allergy and Infectious Diseases
Dengue & Varicella

Public Health England
Typhoid

USAMRIID United States Army Medical Research Institute of Infectious Diseases
Chikungunya

Griffith UNIVERSITY
Covid-19

CDC Centers for Disease Control and Prevention
Rabies

POLYVAC
Measles

GALVmed
Porcine Cysticercosis

THE Pirbright INSTITUTE
FMD

R&D Collaborations with Indian Organizations

INDIAN IMMUNOLOGICALS LIMITED

FMD, Goatpox, CSF, PPR, HS, BQ, ET

LSD

IBR, Mastitis Brucella, Theileria

Hemorrhagic Septicemia

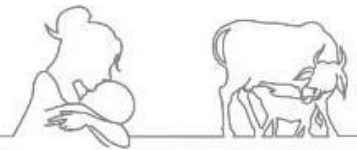
Columnaris Disease
Edwardsiellosis
Ulcer Disease

KFDV & Rabies DNA Vaccine

Kennel Cough

HepB

BlueTongue



Product Development Pipeline

INDIAN IMMUNOLOGICALS LIMITED



Animal

- gE deleted IBR (Cattle)
- Lumpy Skin (Cattle)
- Mastitis (Cattle)
- Megavac – KeC (Dog)
- Canine 10-in-1 (Dog)
- Veterinary TT (Sheep)



Human

- Dengue
- Hexavalent
- Bi-valent Typhoid
- Japanese Encephalitis
- Varicella
- Bi-valent anti-rabies Mab
- Zika
- Live Attenuated COVID
- Inactivated Polio

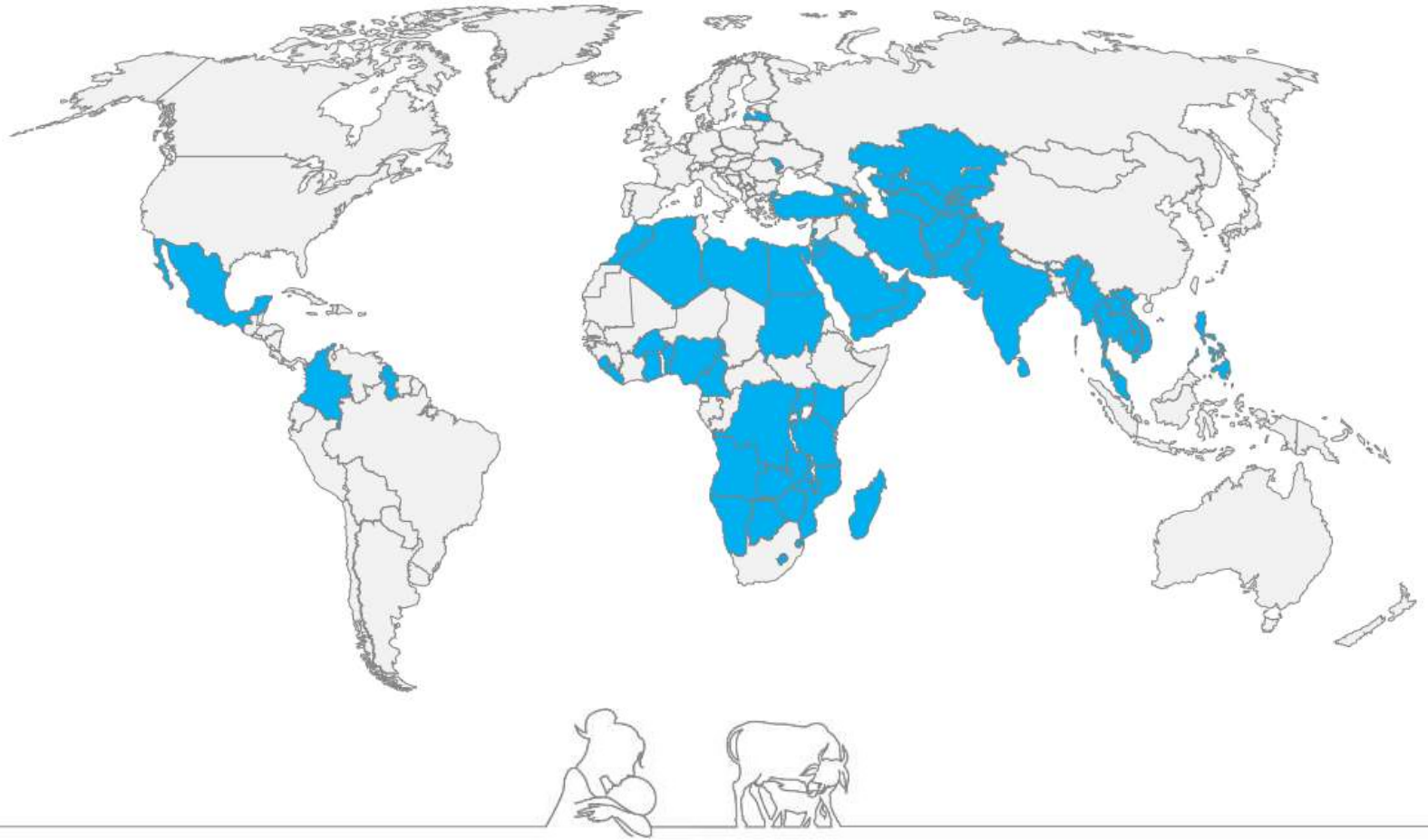


Fish

- Columnaris Disease
- Edwardsiellosis
- Hemorrhagic Septicemia
- Ulcer Disease

Vaccines is Exported to more than 60 Countries

INDIAN IMMUNOLOGICALS LIMITED



Manufacturing Facilities

INDIAN IMMUNOLOGICALS LIMITED

- Animal Vaccines and Human Vaccines Plants, Gachibowli, Hyderabad
- Human Biologicals Institute, Kozhipannai, Ooty
- Animal and Human Health Manufacturing Plant, Karakapatla, Hyderabad
- Bovine Serum manufacturing, Dargaville, New Zealand



Gachibowli



Ooty



Karkapatla



Dargaville, New Zealand

Milestones in Animal Health

INDIAN IMMUNOLOGICALS LIMITED

FMD Vaccine Plant Started **1983**

First Theileria vaccine **1989**

ET Vaccine **1996**

World's first FMD+HS+BQ combination vaccine **2000**

PPR vaccine **2007**

World's first Porcine Cysticercosis vaccine **2016**

CPV intranasal vaccine **2017**

Goat Pox vaccine **2021**



1989 ***First*** cell cultures based Rabies vaccine

1992 HS & BQ combination vaccine

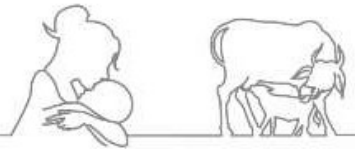
1998 Vaccine for Sheep & Canines

2002 Brucella vaccine

2014 Blue Tongue vaccine

2016 7-in-1 Canine vaccine

2020 Classical swine fever vaccine



Animal Health Vaccines

INDIAN IMMUNOLOGICALS LIMITED



- Foot and mouth disease vaccine - Raksha Ovac
- FMD combined vaccines - Raksha Biovac, Triovac
- Brucellosis vaccine - Bruvax
- Theileriosis vaccine - Rakshavac-T
- Bacterial vaccines – Raksha HBV



- Raksharab
- Megavac group



- Cysvax
- Raksha Ovac (FMD)
- CSF vaccine



- Blue tongue vaccine -Raksha - Blu
- PPR vaccine - Raksha - PPR
- Sheep pox vaccine - Raksha - SP
- Enterotoxaemia vaccine - Raksha - ET
- Combined vaccine - Raksha - ET+TT
- Goat Pox Vaccine - Raksha Goat Pox

Vaccines (AH)	Dose Produced So Far
FMD	3.4 Billion
Brucellosis	21 Million
Sheep & Goat Vaccines	836 Million
Theileriosis Vaccine	11.6 Million
Animal Rabies	149 Million
Canine Vaccines	12 Million

Milestones in Human Health

INDIAN IMMUNOLOGICALS LIMITED

1998 Vero cell-based Rabies @Ooty

2003 Human vaccine plant started at Gachibowli

2006 HepB vaccine launched

2007 DwPT and TT Vaccine Introduced

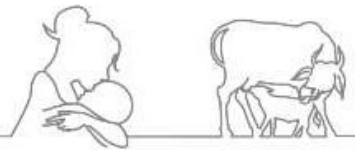
2015 Karkapatla site started

2018 Pentavalent vaccine launched

2021 Covid-19 Vaccine DS produced

2023 Td Vaccine Measles-Rubella

2024 Hepatitis A vaccine



Human Health Products

INDIAN IMMUNOLOGICALS LIMITED

Vaccines (HH)	Dose Produced So Far
Anti-Rabies Vaccines (**Abhayrab**)	173 Million
DPT Vaccine **(Abhay TAG)**	566 Million
Tetanus Toxoid Vaccine **(Abhay Tox)**	564 Million
Hepatitis B Vaccine **(Elovac-B)**	143 Million
Pentavalent Vaccine **(VAXTAR-5)**	168 Million

- **Nutraceuticals**
- **Infertility HORMONES**



Contract Manufacturing

INDIAN IMMUNOLOGICALS LIMITED

BHARAT BIOTECH

Biophore

Reliance LIFE SCIENCES

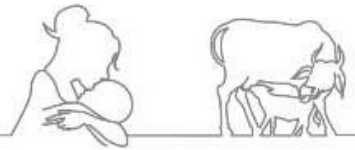
Biological E. Limited
Celebrating Life Every Day

SUN PHARMA

BHARAT SERUMS & VACCINES LIMITED

Available infrastructure for CMO activity:

- Injectable Facility
- Ampoule Line
- Tablets / Bolus Making Facility
- Lyophilization Facility



Manufacturing of COVID-19 vaccine DS

INDIAN IMMUNOLOGICALS LIMITED



Telangana Today

Sunday, September 26, 2021

Home Hyderabad Telangana Andhra Pradesh India World Entertainment Science and Tech Sport Business

Business › Govt lauds Indian Immunologicals for producing Covid-19 vaccine drug substance in record...

Govt lauds Indian Immunologicals for producing Covid-19 vaccine drug substance in record time

BY TELANGANA TODAY PUBLISHED: 24TH SEP 2021 5:39 PM

- IIL quickly responded to the nation's call and the request of Central Government, to partner with Bharat Biotech International Limited (BBIL) in Apr 2021 to produce Covaxin drug substance.
- In a short period of time upgraded existing facility and execute technology transfer, manufacturing, testing and release of drug substance at lightning speed.
- Supplied 20.15 million doses

Quality

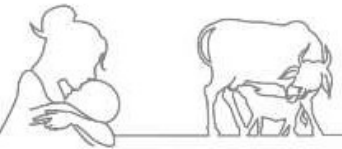
INDIAN IMMUNOLOGICALS LIMITED





- WHO-cGMP Certified
- GLP certified
- ISO 9001, ISO 14001, ISO 45001 Certifications
- Audited regularly by Regulatory drug agencies from different countries





Supply Chain Infrastructure

INDIAN IMMUNOLOGICALS LIMITED

Manufacturing Sites



CDC



Pan India 19 C&F Locations



Stockist

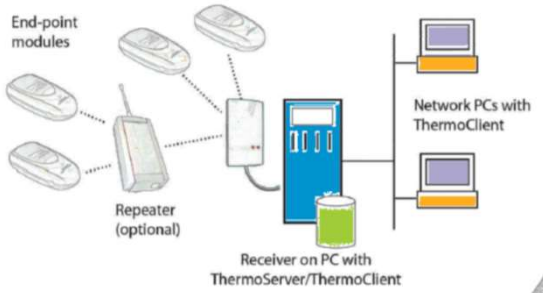


Retailer



Central Depot

On line Cold Chain Monitoring System



Refrigerated trucks	• High volumes • Data logger report
Air Mode	• Faster delivery
Courier	• Based on geographical area

Business Process Innovation

INDIAN IMMUNOLOGICALS LIMITED



Drone delivery of FMD vaccine

eMOz™

Virtual Medical Representatives

SAP HANA

Fully integrated eCommerce Platform (SAP HANA)

Activities in Rural Areas

INDIAN IMMUNOLOGICALS LIMITED



Vaccination Camps
Deworming Camps



Farmers Awareness Program on Disease Prevention, Infertility and Nutrition



Video on Wheels Programme

Corporate Social Responsibility

INDIAN IMMUNOLOGICALS LIMITED



Adopting Schools

Gift Milk Programme Under NDDB Foundation for Nutrition



Giftmilk
NDDB Foundation for Nutrition

GOURAKSHA
INDIAN IMMUNOLOGICALS LTD.

Goushala – Free Vaccination and Deworming (Over 1 Lakhs Animals in 75 Goushalas)

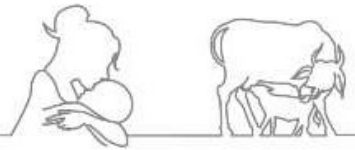
Sambhav Foundation®
... empowering people, transforming lives
(A LabourNet Initiative)

उत्कर्ष UTKARSH GLOBAL FOUNDATION (ANIMAL WELFARE MOVEMENT)
People For Better World

Supply of Vaccines for Stray Dogs

CAWA
nurturing human animal bond...

Supporting Rabies Free Thiruvananthapuram, Kerala



INDIAN IMMUNOLOGICALS LIMITED



Thank You