

# SRF

## An Overview

# What's Inside



Who we are...



Our Journey  
& Legacy



Our Values



Aspirations  
2025



Our  
Businesses



Research and  
Development



Our  
Presence



Financial  
Snapshot



Commitment  
to Community




Our  
Accolades





**Who we are..**


# FY 2020 -'21: A Snapshot



 **7,000+** Global Workforce


 **₹ 1,198** Cr PAT

 Operations in **4** Countries

 **₹ 8,400** Cr Revenue

 Exports to **90+** Countries

 **14** Manufacturing Plants

 **₹ 2,188** Cr EBIDTA



\* The above excludes discontinued operations

\*\*India, Thailand, South Africa and Hungary



**We are a Multi-Business Chemicals Conglomerate**

# Our Business Verticals



**Fluorochemicals**



**Specialty  
Chemicals**



**Packaging  
Films**



**Technical  
Textiles**



**Coated and  
Laminated Fabrics**

# Our Ranking



## GLOBAL RANKING

#1

Difluoro & Trifluoro Alkyl Intermediates



#2

Nylon 6 Tyre Cord Fabric



#3

Conveyor Belting Fabrics



## INDIAN RANKING

#1

- Tyre Cord • Belting Fabrics • Coated Fabrics
- Specialty Chemicals • Refrigerants



#2

- Packaging Films • Laminated Fabrics



# Leading the way...



## ONLY COMPANY IN INDIA MANUFACTURING

F 134a and F 32 refrigerants using in-house technology



F 125 refrigerant gas



Dymel® F 134a/P, our propellant for asthma inhalers



Polyester Tyre Cord Fabrics





# We are also known as



A Business with roots dating back **two centuries**



The promoters of **Lady Shri Ram College for Women**



The promoters of **The Shri Ram Schools Delhi NCR**



The winner of the **Deming** prize for two Businesses, namely Tyre Cord and Chemicals

# Industries we serve...



Automotive



Pharmaceuticals



Air-conditioning



Agrochemicals



Mining



FMCG



Chemicals



Food & Agro



Refrigeration



Technical Textiles



Manufacturing



Renewable Energy



Lifestyle & Décor



Advertising

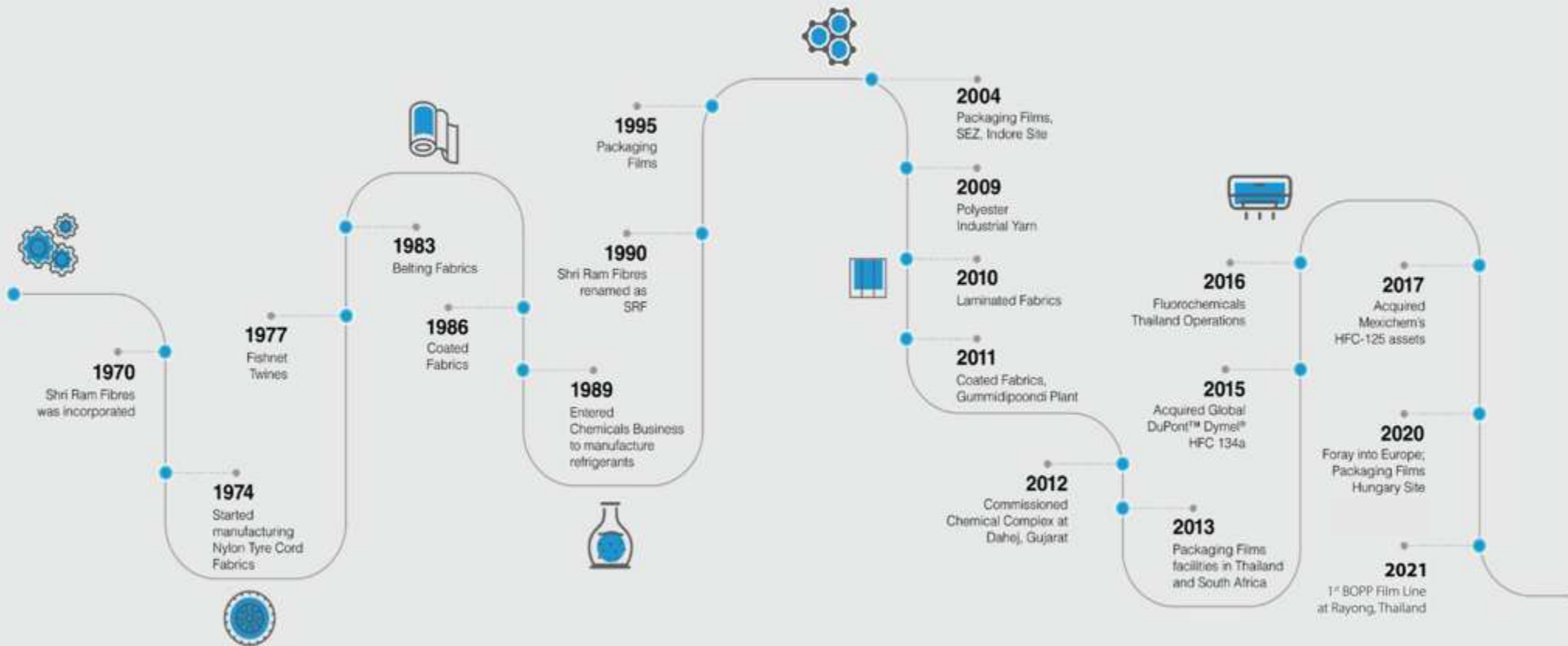


Events & Exhibitions



# Our Journey & Legacy

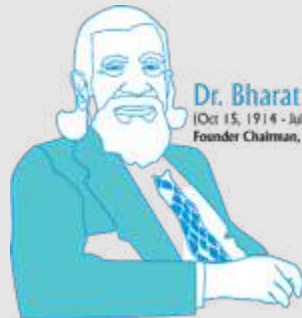
# SRF's Journey



# Our Legacy



**Sir Shri Ram**  
(Apr 27, 1884 - Jan 11, 1963)  
Founder, The Shri Ram Group



**Dr. Bharat Ram**  
(Oct 15, 1914 - Jul 11, 2007)  
Founder Chairman, SRF



Dr. Bharat Ram was awarded Padma Bhushan by the Indian Government



### Sports

**DCM Football Tournament**  
Started in Delhi in 1945, the first tournament in the country which invited foreign club teams to participate along with the Indian teams

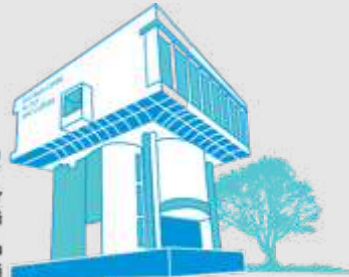
**SRF Golf Matchplay**  
The oldest professional tournament on the Indian golf circuit played till 2011

**1889** The Beginning

TEXTILE CLOTH MILL

## Art & Culture

The Shri Ram Centre for Arts & Culture, New Delhi  
Shriram Bhartiya Kala Kendra, New Delhi



# SRF's Leadership



**Arun Bharat Ram**  
Chairman



**Ashish Bharat Ram**  
Managing Director



**Kartik Bharat Ram**  
Deputy Managing Director



**Prashant Yadav**  
President & CEO –  
Fluorochemicals Business &  
Technical Textiles Business



**Anurag Jain**  
President & CEO –  
Specialty Chemicals Business &  
Chemicals Technology Group



**Prashant Mehra**  
President & CEO –  
Packaging Films Business,  
Coated & Laminated Fabrics Business



**Rahul Jain**  
President & CFO



**Ajay Chowdhury**  
President & CHRO



**Sanjay Rao**  
President & CIO



# Our Values

# Our Values



## RESPECT

We believe in building and nurturing relationships with all our stakeholders, by treating them with respect and dignity



## INTEGRITY

We stand by our commitments and will not compromise on our ethical and moral standards



## NON-DISCRIMINATION

We will not discriminate on account of gender, caste, religion, creed, region, language, physical disabilities, etc.



## EXCELLENCE

We use the SRF Management Way to pursue excellence in all that we do



## WELL-BEING

We believe that happy employees are key to organizational success







# Aspirations 2025

# We will continuously strive to be known for our Aspirations 2025





## Empowerment & Well-Being

- We practice progressive, industry best and people friendly policies



## Learning & Development

- Through our Talent Transformation Framework, we encourage people to learn, develop and discover their full potential



## People Analytics

- We have an evolved approach towards analyzing and visualizing people data and decision making



## Future-Ready

- We have a structured and tailor-made competency-based framework for managing talent identification and people development





# Our Businesses

# Fluorochemicals Business



**A Global Scale Fully Integrated HFC Player**

## Refrigerants

Brand: FLORON

F 22, F 32,

F 134a, F 125

**HFC Blends:** F 410A,

F 404A, F 407C, F 600a, F 467A



## Industrial Chemicals

Methylene Dichloride (MDC)

Methyl Chloride

Chloroform

Carbon Tetra Chloride

Trichloroethylene

Perchloroethylene

Hydrofluoric Acid

Tetrahydrofuran

Anhydrous Hydrogen Chloride



## Pharma Grade

Brand: DYMEI

F 134a/P

## Propellant

Brand: FLORON

F 134a Propellant



# Applications



Products	Applications
<b>Refrigerants</b>	As the cooling medium in room A/Cs, automobile A/Cs, commercial refrigeration
<b>Metered Dose Inhaler (MDI) (F 134a/P)</b>	As a propellant in asthma inhalers
<b>Industrial Chemicals</b>	<ul style="list-style-type: none"><li>• As a solvent in Pharma &amp; Agro chemical industries</li><li>• Feedstock for our range of refrigerants</li><li>• As cleaning agent in steel industry</li></ul>
<b>Others:</b> <ul style="list-style-type: none"><li>• <b>N-Butane</b></li><li>• <b>Cleaning Chemicals</b></li></ul>	<ul style="list-style-type: none"><li>• Fuel for Butane torch</li><li>• Commercial use for toilet bowl cleaning, floor &amp; glass cleaning</li></ul>

## Our Certifications:



- **ISO 9001 : 2015**
- **ISO 14001 : 2015**
- **ISO 45001 : 2018**
- **ISO 14064 – Carbon foot-printing verification**  
(1<sup>st</sup> Chemical Company in India)
- **SA 8000 : 2014**
- **Responsible Care Logo**



**Responsible Care®**  
OUR COMMITMENT TO SUSTAINABILITY



# Specialty Chemicals Business





## Organic and Inorganic Intermediates for



### Agrochemical Industry

- **Capability to manufacture 10 Kg to 10 MT**
- R&D Lab
- Kilo Lab
- Pilot Plant



### Pharmaceutical Industry

- **Flexible Manufacturing Facilities**
- **Capability to manufacture 1 MT to 250 MT**



- **Dedicated Manufacturing Facilities**
- **Capability to manufacture 250 to > 2000 MTPA**



# SCB's Unique Value Proposition



- **Deep Knowledge of Fluorine since the early 80s**
- **Strong Differentiated Technology play**
- **Contract Manufacturing with Strong Technology participation**
- **Meeting Global Cost benchmarks**



## Product / Service Category

### Intermediates for AI/API

- Intermediates for the Agrochemical industry for Herbicides, Fungicides, Insecticides, etc.
- Intermediates for the Pharmaceutical industry for Active Pharmaceutical Ingredients (APIs)

### Contract Research / Manufacturing

- Contract research and synthesis for intermediates for the Agro and Pharma innovators
- Production at commercial scale for Agro and Pharma majors

### Intermediates for Other Applications

- Specialty chemicals that find application in Material Sciences, Surface Chemistry, etc.



# Bird's Eye View of our Chemical Complex at Dahej, Gujarat



# World-class, Accredited Quality Labs at Dahej





# Research & Development



**R&D in the field of Fluorochemicals and Specialty Chemicals**

**R&D facilities at Bhiwadi, Gurugram and Chennai, INDIA**



**300+**

**Patent applications filed to date**



**100+**

**Patents granted globally**



**400+**

**people in R&D,  
Engineering and Scale-ups**



# Our R&D Capabilities



- **More than 100 molecules developed**
- **Scale-ups are carried out in the Pilot Plant**
- **In-house Safety studies for new molecules**
- **Introduction of novel technologies - Strong IP creation / protection**

# SRF Packaging Films Business



# Packaging Films Business



**India**



**Thailand**



**South Africa**



**Hungary**

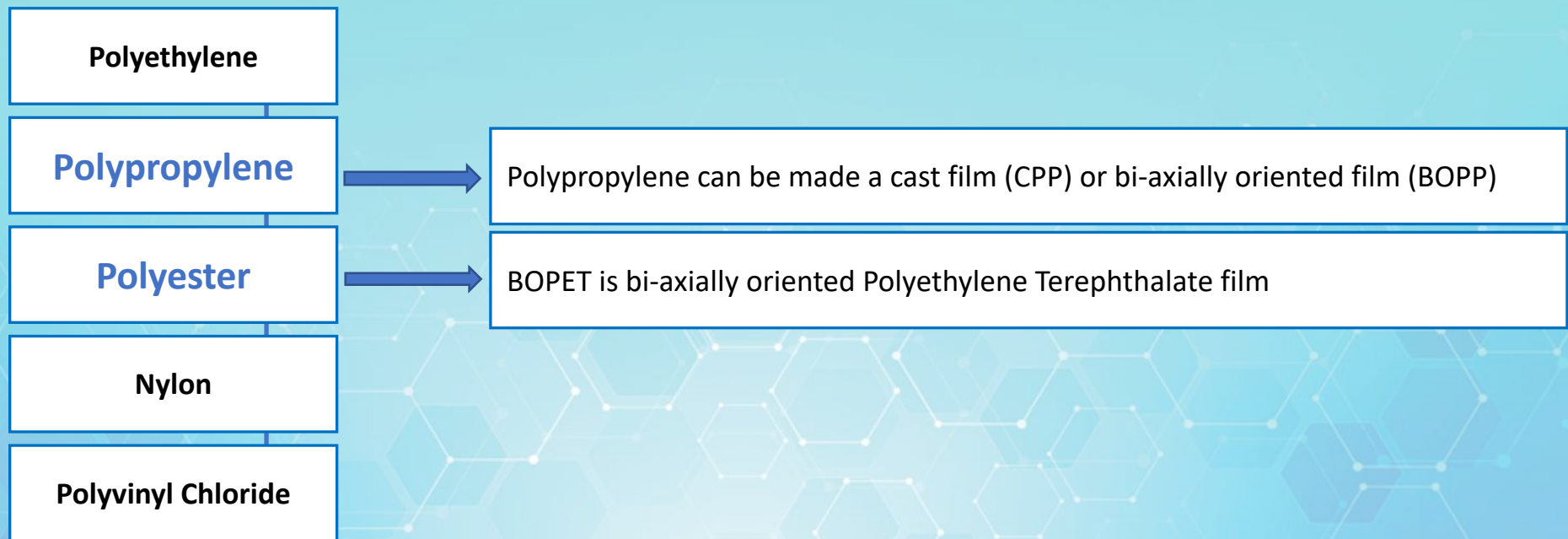


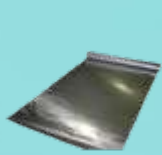
**Serving over 90 countries**

# Classification of Plastic Films

**Plastic film** is a thin continuous polymeric material. Thicker plastic material is often called a “sheet”. These thin plastic membranes are used to separate areas or volumes, to hold items, to act as barriers, or as printable surfaces.

Almost all plastics can be formed into a thin film. Some of the primary ones are:





Metal Foil



Paper



Plastic Films



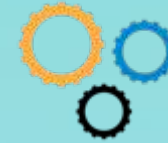
Jute



Woven Sacks



Mesh



Industrial

## Flexible Packaging

### Food

- Confectionery
- Dairy
- Bakery
- Household spices
- Ready-to-eat
- Pet food

### Non-Food

- Cardboard
- Packaging for perfumes
- Shampoos, detergents

## Industrial

- Hot stamping foils
- Electric cables
- Air ducting
- Thermal transfer
- Solar panels
- Electronics
- Flat screen display
- Battery separators

## Plastic Film Laminates

Permanently assembled material of multiple layers (by heat, pressure, adhesives), so that the composite material achieves improved strength, stability, appearance or other properties from the use of differing materials

Typically, a flexible packaging **laminates** is a layered structure comprising of three different '**substrates**' (plastic films)



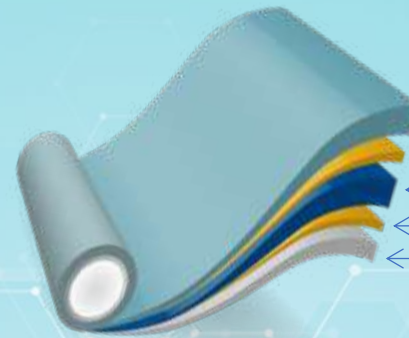
1

Plain Film



2

Printed Film



3

Flexible Laminate

- ← Outer layer (for printing)
- ← Adhesive
- ← Core layer (for barrier)
- ← Adhesive
- ← Inner layer (for sealing)



4

Printed Flexible Pouch

## BOPET films

Brand: PETLAR

Transparent

Metallised

High-Performance



## BOPP films

Brand: OPLAR

Sealable

Non-sealable

Metallised

High-Performance



# PFB's Unique Value Proposition



## ETDBW | EASY TO DO BUSINESS WITH

### SERVICE that delights you

- Advanced technical services support
- Swift response times
- Professional and ethical workforce
- Tailored business solutions



ETDBW



### QUALITY that you expect

- 100% product performance
- Continuous improvements
- Lower quality-claims ratio
- Global certifications

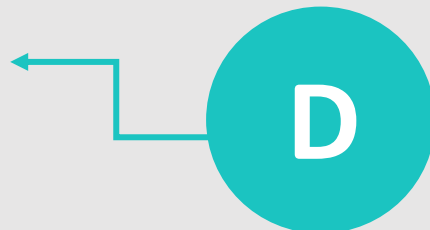


### COST that supports your growth

- Operational excellence
- Competitive structures
- Innovation for cost-efficient products
- Sustainable development

### DELIVERY that you trust

- Global production sites
- Faster and reliable lead times
- End-to-end international logistics
- Information Technology support





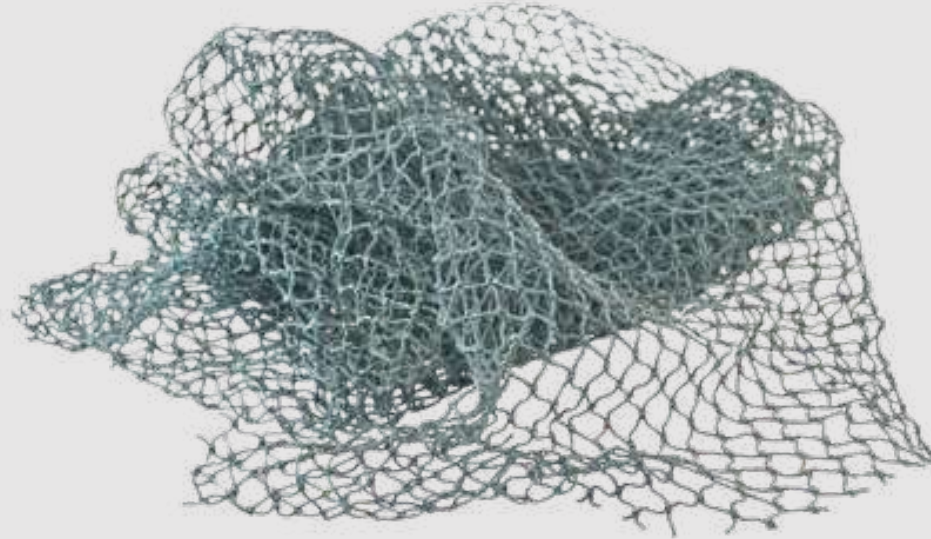
# Certifications



ISO 9001: Quality Management  
ISO 14001: Environmental Management  
OHSAS 18001: Occupational Health & Safety  
SA 8000: Social Accountability  
ISO 50001: Energy Management System  
FSSC 22000: Food Safety System Certification  
SEDEX: Supplier Ethical Data Exchange  
HALAL/ KOSHER

TQM Driven Robust Processes Accredited by Global Quality Standards  
Member of BOPET Films Europe and Petcore Europe  
Products Fully Compliant to US FDA, REACH & All Major Industry Specifications

# Technical Textiles Business



## Tyre Cord Fabrics

- Nylon Tyre Cord Fabric
- Polyester Tyre Cord Fabric

## Belting Fabrics

## Polyester Industrial Yarn





## Tyre Cord Fabrics

- NTCF :Tyre Reinforcements in Bias Tyres
- PTCF : Tyre Reinforcements in Radial Tyres



## Belting Fabrics

- Textile Conveyor Belts
- Breakers for Steel Belts
- Pipe Conveyors
- High Temperature Automotive Hoses
- Rubber Sheets
- Rubber Doors
- Special Purpose Static Covers



## Polyester Industrial Yarn

- Geo Textiles
- Seat Belts
- Ropes and Cordage
- Solid Woven Fabric
- Transmission Belts
- PVC Conveyor Belts
- Hoses
- Narrow Woven Belts
- Industrial Sewing Threads

Applications

# R&D Facility at TTB



- **TTB R&D Centre is a state-of-the-art facility located at Manali (TN)**
- **World-class infrastructure and pilot facility for polymerization, spinning, twisting and dipping for new product and process development**
- **Joint product and process development with customers**
- **Dedicated Scientists and Engineers from prestigious academic institutes and experienced in-house talent**





## Coated Fabrics Business

## Laminated Fabrics Business



## Coated Fabrics

### Brands:

SRF TUFTOP, SRF FABAWN,  
SRF DURALITE, SRF DURASHIELD,  
SRF DURATUFF, SRF ECOLITE, SRF SAVEN

### Applications include:

- Awnings
- Tents
- Pagodas
- Customized tarpaulin
- Static covers



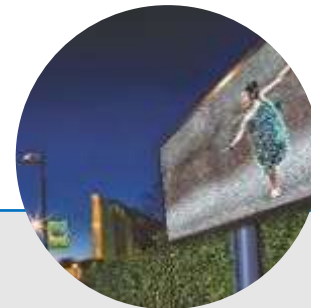
## Laminated Fabrics

### Brands:

SRF FABGLOW, SRF Hi-GLOSS,  
SRF FLEXIKAWACH, SRF Arjun

### Applications include:

- Print banners
- Hoardings
- Billboards
- Tent dome covers
- Pandal covers





# Our Presence



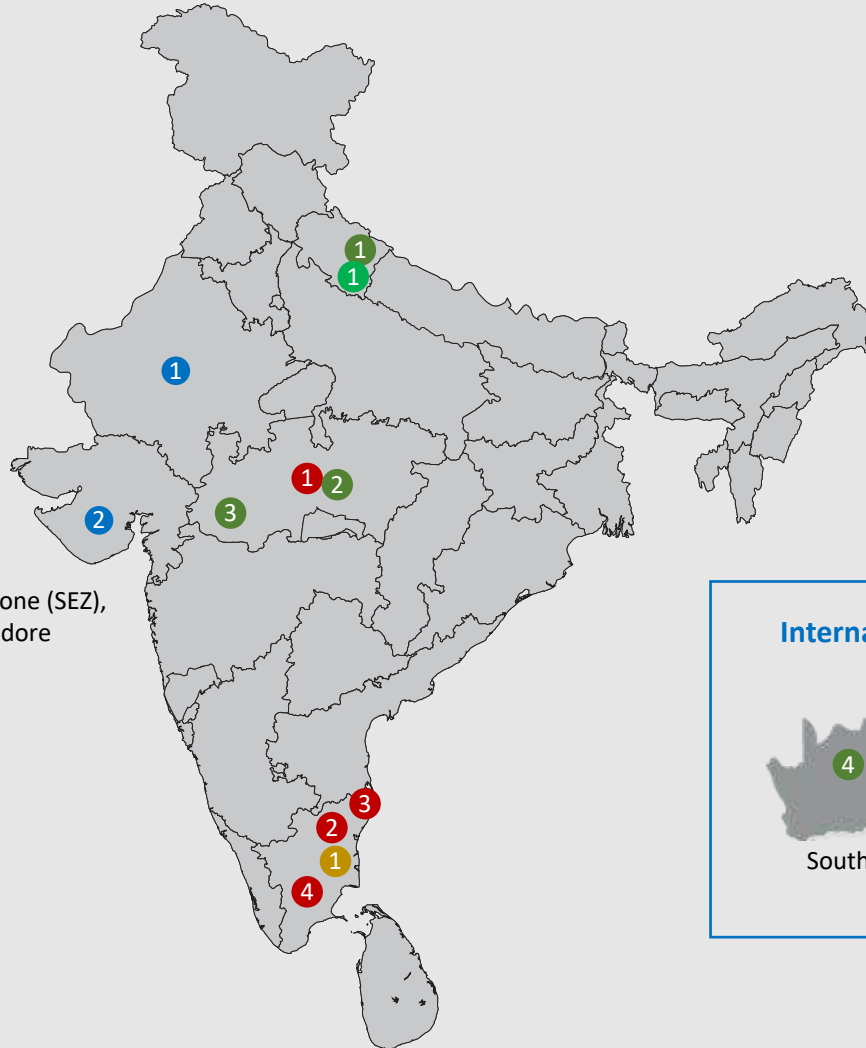
# Our Presence



- FLUOROCHEMICALS & SPECIALTY CHEMICALS**  
**2 National Operations**
  1. Rajasthan, India - Bhiwadi
  2. Gujarat, India - Dahej

- TECHNICAL TEXTILES**  
**4 National Operations**
  1. Madhya Pradesh, India - Malanpur, Bhind
  2. Tamil Nadu, India - Manali
  3. Gummidipoondi
  4. Viralimalai

- PACKAGING FILMS**  
**3 National Operations**
  1. Uttarakhand, India- Kashipur
  2. Madhya Pradesh, India - Special Economic Zone (SEZ), Pithampur, Indore - Bagdoon, Pithampur, Indore  
**3 International Operations**
  4. KwaZulu - Natal, South Africa
  5. Rayong, Thailand
  6. Jaszfenyszaru, Hungary



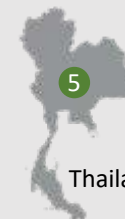
- LAMINATED FABRICS**  
**1 National Operation**
  1. Uttarakhand, India - Kashipur

- COATED FABRICS**  
**1 National Operation**
  1. Tamil Nadu, India - Gummidipoondi

## International Operations



South Africa



Thailand



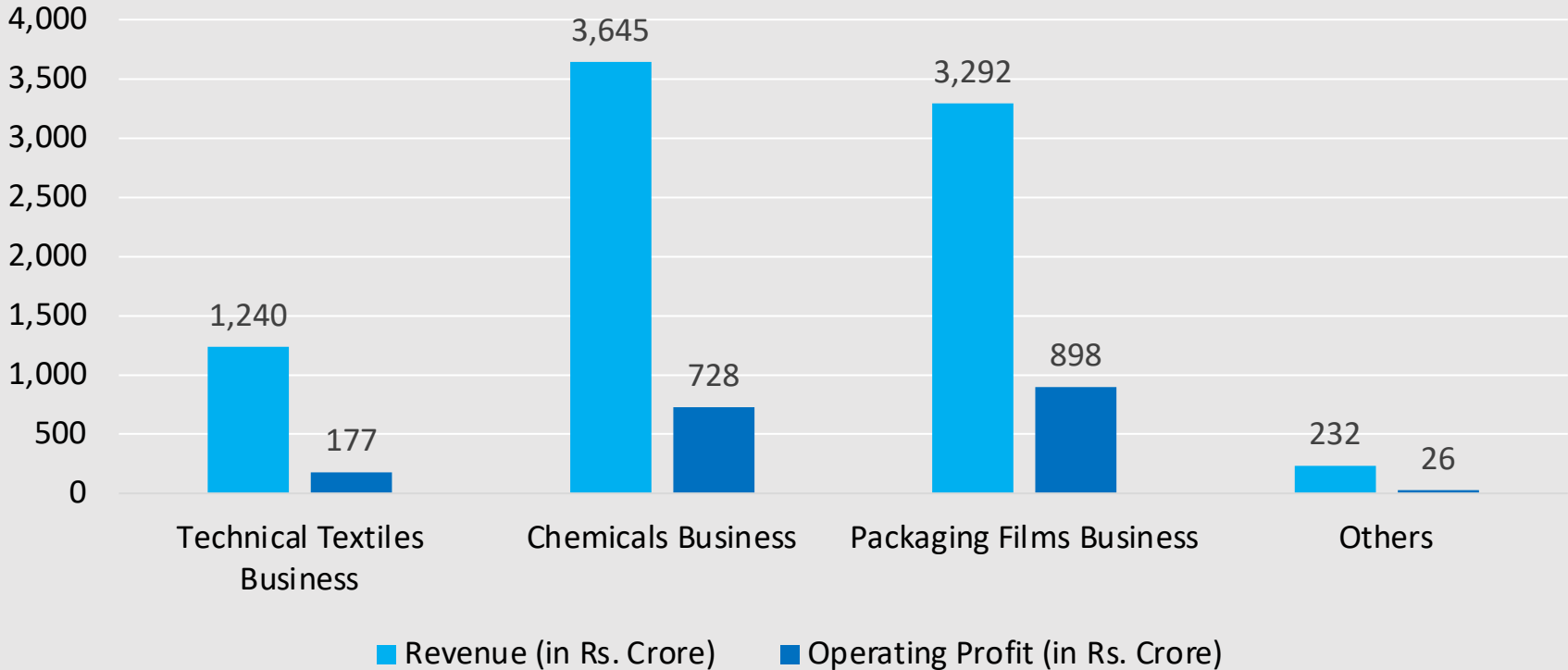
Hungary



# Financial Snapshot



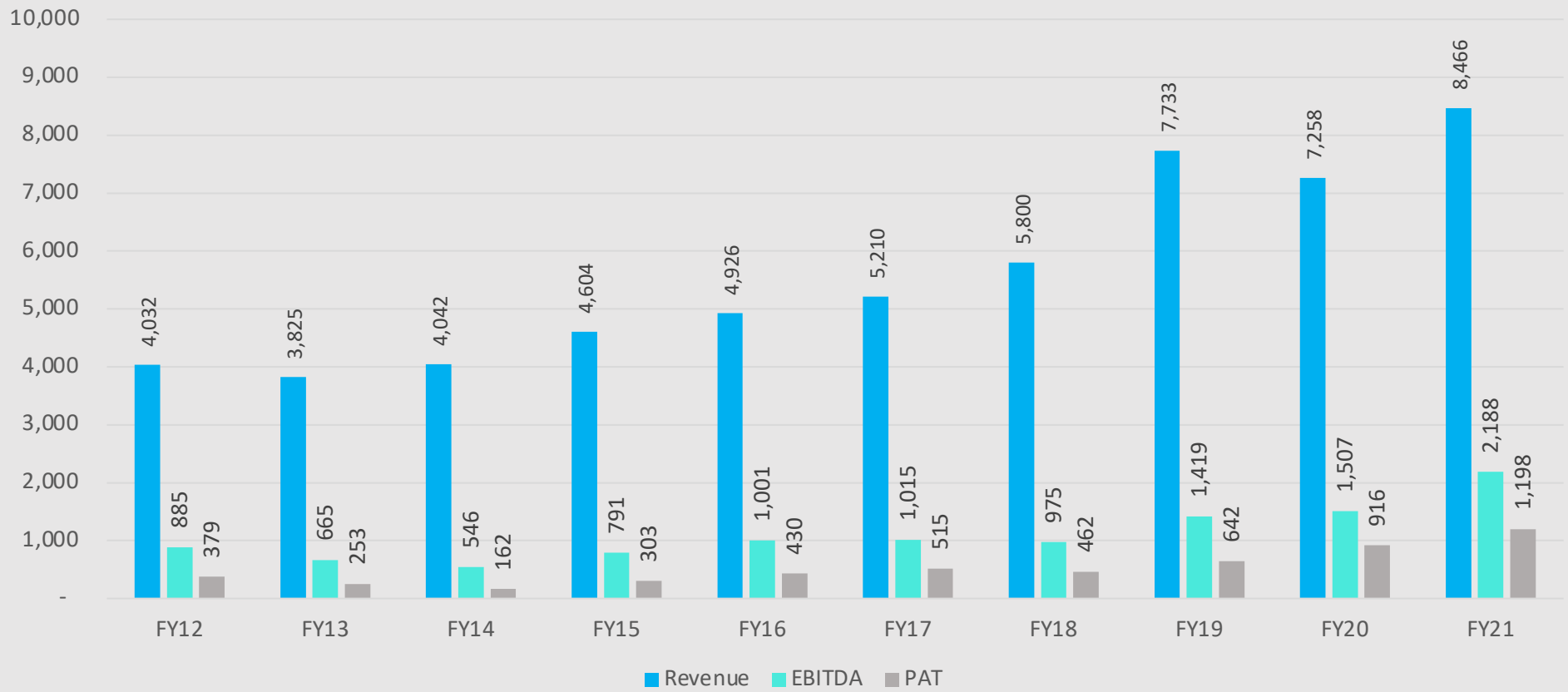
## Revenue Vs Operating Profit



# SRF Consolidated Financials



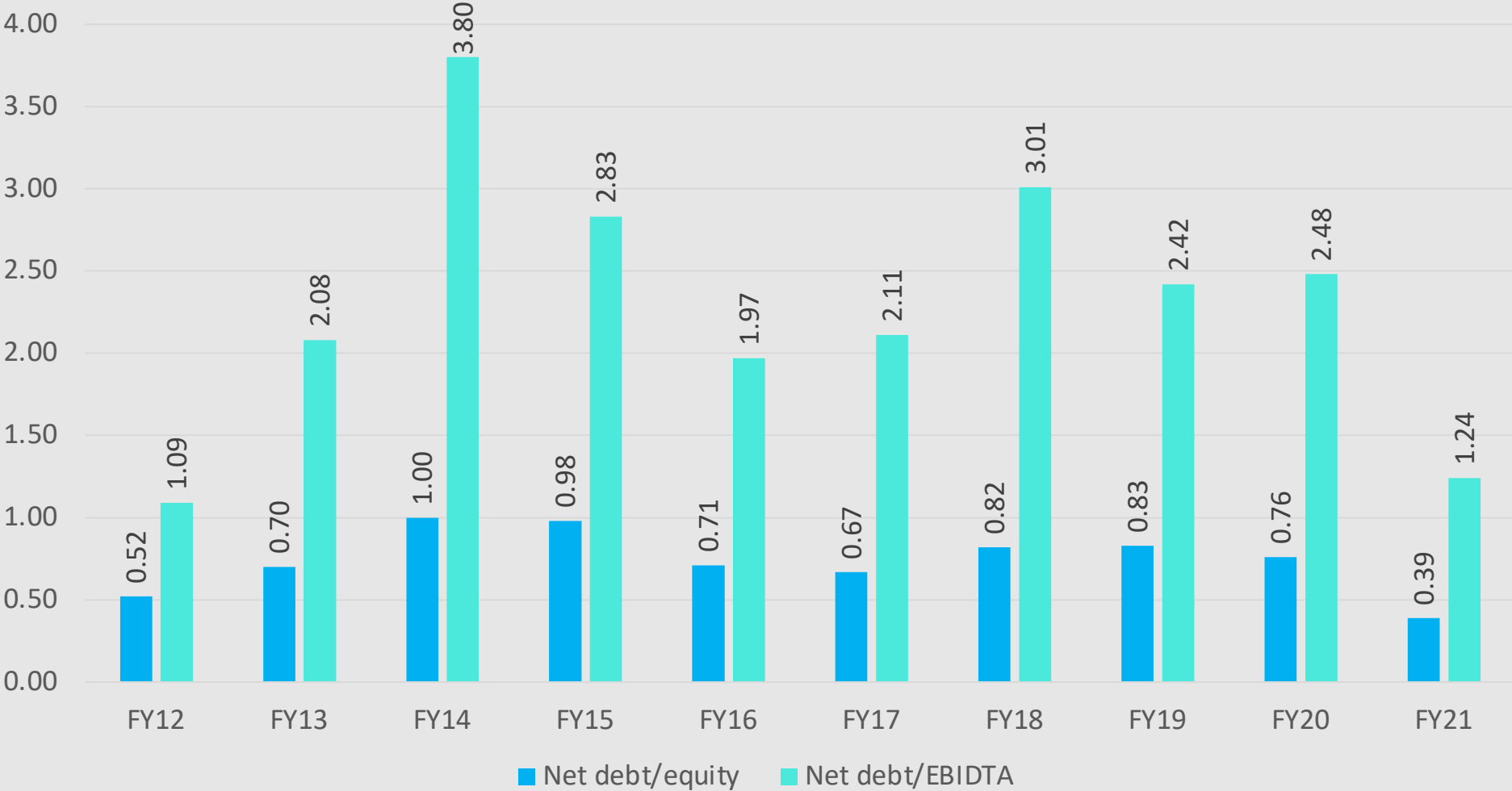
Revenue 5 yr. CAGR ~11%  
 EBIDTA 5 yr. CAGR ~17%  
 PAT 5 yr. CAGR ~23%



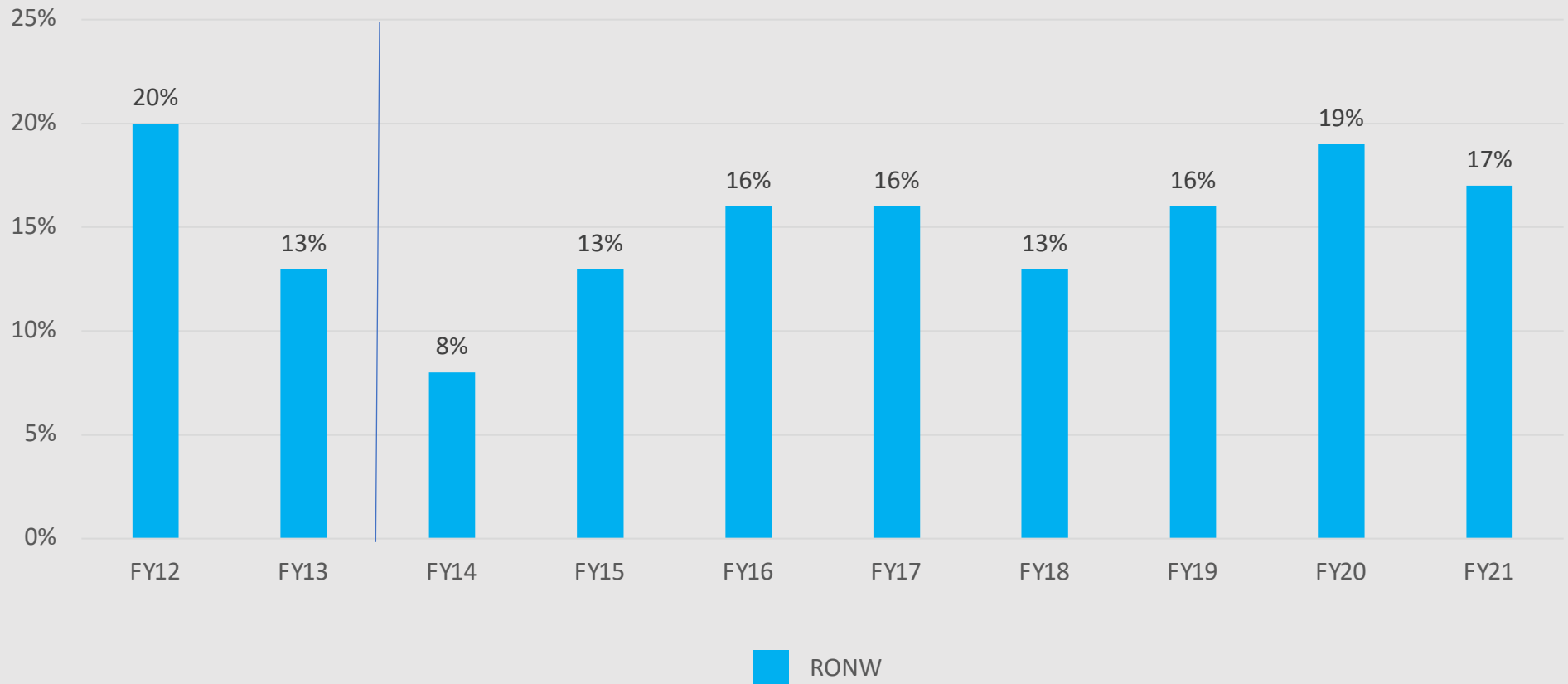
\*CER income inflow until FY13

\*\*Numbers have been shown only for continued operations from FY20 onwards

# Consolidated Net Debt / Equity & Net Debt / EBIDTA

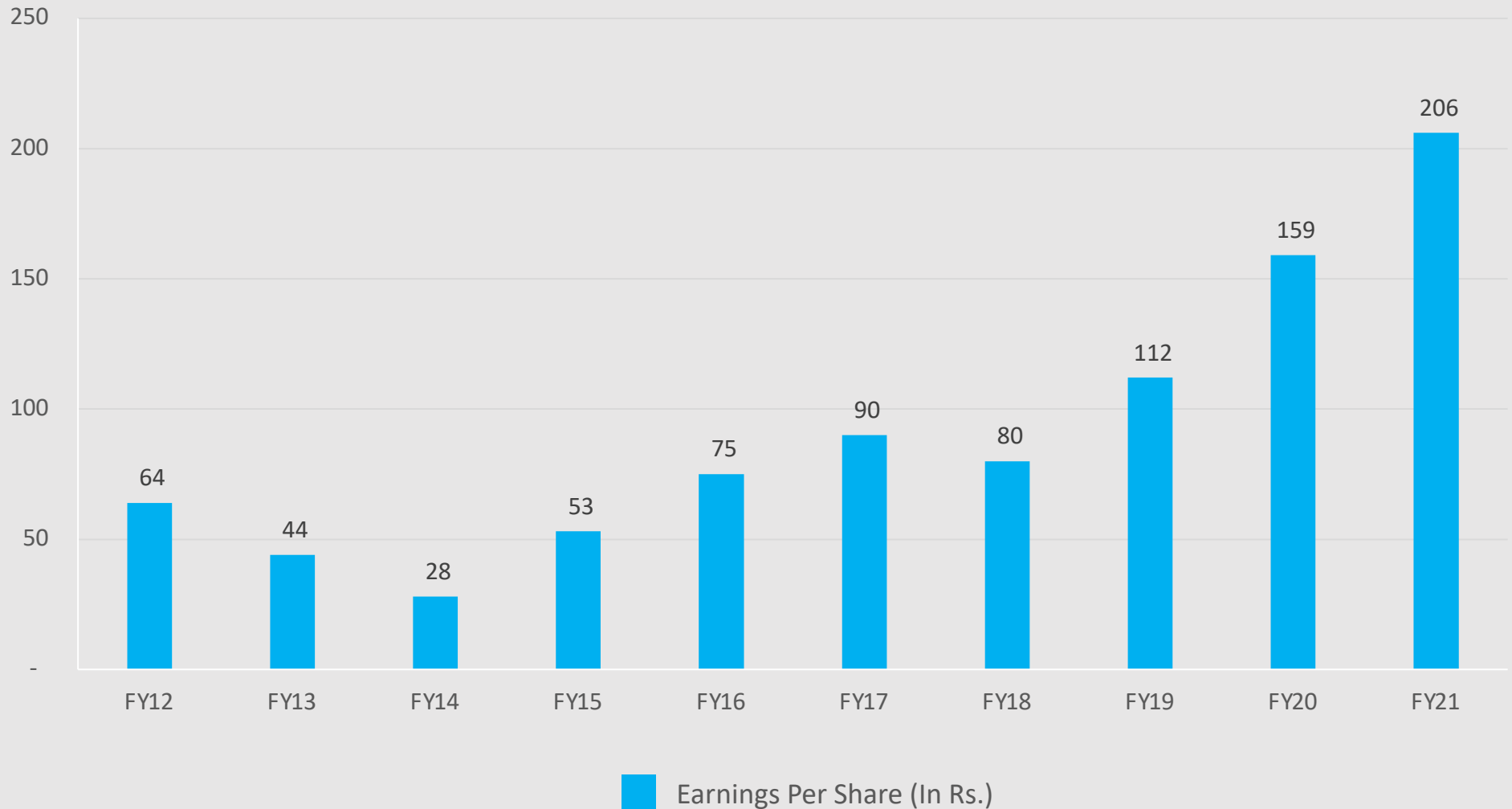


# Key Ratios - RONW



\*CER income inflow until FY13

# Earnings Per Share





# Commitment to Community



# SRF Foundation: Community Partnerships



**School  
Education**



**Vocational  
Skills**



**Natural Resource  
Management**



# SRF Foundation's Key Initiatives



## Model School Program

Infrastructural upgrades to enhance learning



## Udaan

A residential learning camp for **adolescent girls**



## World on Wheels

Promoting **e-learning & entrepreneurship** programs



# Impact of our Community Engagement Initiatives





## School Education Program



 **9** States

 **276** Schools


 **21** Locations


 **81,310<sup>+</sup>** Students


## Vocational Skills Program



 **3** States

 **80%** Learners employed

 **5** Skill Centers

 **6,500<sup>+</sup>** underprivileged youth

# Impact of our Community Engagement Initiatives



## Natural Resource Management Program



**8,200+**

farmer families  
positively impacted



**1,765**

hectare of wasteland  
converted into cultivable land



**Agro forestry on reclaimed land**



**Rain water harvesting**



**Plantation**



**Check Dam**



# Our Accolades

## 2004

- **Deming Prize**  
for the Tyre Cord Business



## 2006

- **Greentech Safety Platinum Award**
- **Jamsetji Tata Award**  
conferred on Chairman,  
Mr. Arun Bharat Ram by the Indian  
Society for Quality (ISQ)

## 2007

- **Greentech Environment Excellence Platinum Award**

## 2008

- **CII ITC Sustainability Award** 'Strong Commitment'
- **Officer's Cross of the Order of Merit** conferred on Chairman, Mr. Arun Bharat Ram by the Federal Government of Germany

## 2009

- **CII ITC Sustainability Award** 'Significant Achievement'
- **International Labour Organisation (ILO)** Recognition for creating awareness on HIV AIDS

## 2011

- **Forbes** 'Best Under a Billion List'



## 2012

- **Deming Prize for Chemicals Business**
- **Businessworld FICCI CSR Award**

## 2013

- **Aaj Tak Care Award** Category "Education"
- **Greentech CSR Award**

## 2014

- **Pt. Madan Mohan Malviya Award**

## 2015

- **CRY Child Rights Champion Award**

## 2016

- **Syngenta Supplier Award** for Health, Safety & Environment

## 2017

- **Bayer Supplier Award** for Sustainability
- **ICC (Indian Chemical Council) Lifetime Achievement Award** to Chairman, Mr. Arun Bharat Ram



- **FICCI CSR Award** for Education, Skill Development and Livelihood
- **YES Bank Natural Capital Award** Eco-Corporate of the Year – Manufacturing
- **CHEMEXCIL Export Award**

## 2018

- **Syngenta Supplier Award** for Innovation
- **Sword of Honour** by the British Safety Council



- **Bhamashah Award** by the Rajasthan Government
- **Oracle Cloud Platform Innovation Award** in the “Application Development & Deployment” category

## 2019

- **The Economic Times Family Business of the Year (Large Companies) Award**



- **ICSI (Institute of Company Secretaries of India) CSR Excellence Award – 2019** in the Best Corporate (Medium) category
- **National CSR Award 2018 in the category – Corporate Awards** in CSR in Challenging Circumstances – North by His Excellency, the President of India, Shri Ram Nath Kovind



## 2020

- **EY Entrepreneur of the Year 2019** in the manufacturing category conferred on Chairman, Mr. Arun Bharat Ram



- **ICC Award for Excellence in Management of Health & Safety** to SRF Bhiwadi

## 2021

- SRF's Specialty Chemicals Business awarded the **Syngenta Supplier Award 2020** for performance
- **'STATE SAFETY AWARD – 2021'** by the Rajasthan Government

- Managing Director, Mr. Ashish Bharat Ram named **India's Best CEO** in the emerging company category by Business Today



- **CSR-Best STEM Education Project** – Through Partnership (Large Impact)' at the 9th INDIA CSR Awards
- Mr. Ashish Bharat Ram, MD of SRF Ltd. conferred the **"Transformational Leader Award -Mid Cap company category"** for 2020 by the Asian Centre for Corporate Governance & Sustainability

- Highly Commended Winner of the **Best Working Capital Management Solution** at the Adam Smith Awards Asia 2021
- SRF Annual Report FY21 wins a Silver and a spot in the **Top 100 Communications Materials** at the Global Communications Competition, the 2021 Spotlight Awards by the League of American Communications Professionals LLC



- SRF's Packaging Films Business – Indore conferred the **Quality Sustainability Award** at the international convention, organized by the International Academy for Quality (IAQ)



**Thank you**

The image features a solid blue gradient background. At the bottom, there is a decorative pattern of white hexagons of varying sizes, some of which are interconnected by thin white lines, creating a network-like or molecular structure. The text "Thank you" is centered in the upper half of the image in a bold, white, sans-serif font.