

# IFFE EXPO 2021

28-29-30 SEPTEMBER  
NSIC GROUND, AJI GIDC, RAJKOT



Premium Exhibition on **INDIAN** Casting & Foundry and Forging Industry.



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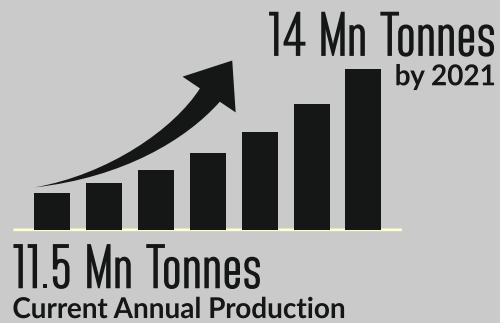


GIDC PLOT & SHED HOLDER'S ASSOCIATION  
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# CASTING & FOUNDRY INDUSTRY

2<sup>nd</sup> Largest  
Castings  
Producer Globally



Persons Employed

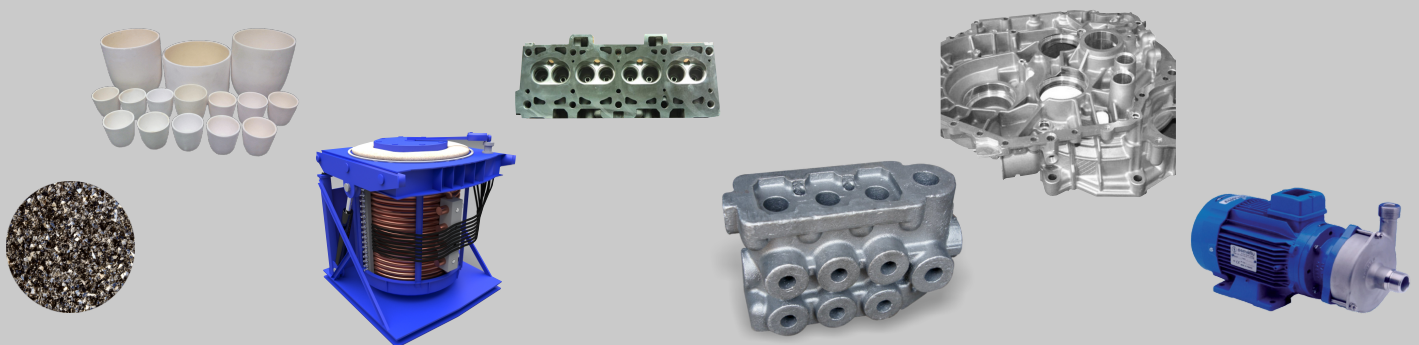
\$600 Mn  
Investment in the  
Last Two Years

\$10 Bn  
Estimated Investment  
in the Next 10 Years

## INDUSTRY SCENARIO

India is 2nd largest producer of castings in the world and has ambitious growth plans with new capacities being added at rapid pace. The Indian Foundry Industry is producing estimated 12.06 Million MT of various grades of Castings as per International standards. There are approx. 4500 units out of which 85% can be classified as small scale units & 10% as medium & 5% as large scale units. Foundry Industry has a turnover of approx USD 15 billion with exports approx. USD 2 billion. India's casting industry expected to reach USD 19.2 billion by 2021. The healthy growth of exports – approx 25% - 30% year on year.

Indigenisation of equipment by the Defence sector, Opportunities in the Railways, and orders in automotive, Machine tools and Oil and Gas Sectors are Driving demand. The Order position is now good for the foundries for both export and Domestic markets. Currently, about 4 million tonnes, or approximately 30% of the production of foundries valued at \$4 billion, is consumed by the Auto Industry.



This event aims to showcase products such as plant and equipment for processing prime and raw material, steel making, casting and pouring of non-ferrous metals. **IFFE 2021** also focuses on environment protection equipment, castings, foundry materials, modern combustion devices, waste heat recovery equipment, components, ancillary equipment, foundry technology and many more such domains.

Taking the visionary **Make-In-India** Movement a step beyond, with the entire national and international players from Foundry, Forging and Casting Industries : **IFFE 2021** Is an excellent and one of a kind business podium for networking , presentation and communicating with immensely diverse audiences.

# THE INDIAN FORGING INDUSTRY

3<sup>rd</sup> Largest

Manufacturer of Forgings in the World

39.4 Lakh MT

Installed Capacity (in 2017-18)

₹ 27,833 Crore

Investment in the Forging Sector

95000

People Employed

The Indian Forging Industry has made rapid strides and currently, not only meets almost all the domestic demand, but has also emerged as a large exporter of forgings mostly due to an increase in demand from the Europe & North American Markets.

In the western region alone there are around 147 forging units, which account for an annual turnover of Rs 15,000 crore, having a total installed capacity of 18.07 lakh MT accounting for 47% of the total installed capacity in India.

The forging industry is likely to witness a growth of more than 10% in the new fiscal year.

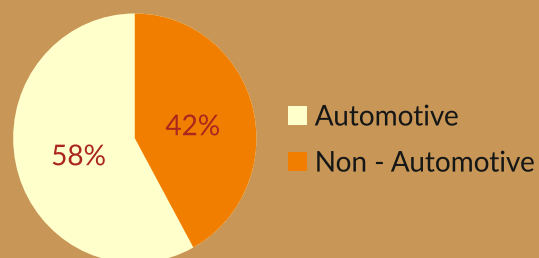


## AUTOMOTIVE INDUSTRY : THE GROWTH DRIVER

The Indian Automotive industry commands 22% of India's manufacturing GDP and 7% of India's overall GDP. Forging components form the backbone of the Indian automobile industry. Current share of auto sector is about 58% of total forging production while the rest is with the non-auto sector. Since the automobile industry is the main customer for forgings, the industry's continuous efforts in upgrading technologies and diversifying product range has enabled it to expand its base of customers to foreign markets.

The global steel forging market for automotive applications was valued at \$41.77 Billion in the year 2016 and is expected to reach \$56 Billion by the year 2022, growing at a Compound Annual Growth Rate (CAGR) of 5.1% between the years 2017 and 2022.

### Share of Auto Sector in Total Forging Production in India



SEGMENT	TYPICAL CONSUMPTION OF FORGING PER VEHICLE (IN KGS)
Passenger Vehicles	180-200 kgs
M&HCVs	400-420 kgs
LCVs	200-250 kgs
Tractors	250-300 kgs

## EXHIBITOR PROFILE

- FURNACES
- MOULD
- CORE MAKING
- CLEANING
- FORGING & FORGING EQUIPMENT
- STAMPINGS & STAMPING EQUIPMENT
- WASTE HEAT RECOVERY & HEAT PRESERVING EQUIPMENT & HEAT EXCHANGERS
- RAW MATERIALS
- COMPLETE FOUNDRY PLANTS
- MELTING FURNACES & ACCESSORIES
- MOULDING AND CORE MAKING
- SAND PREPARATION, TREATMENT & RECLAMATION
- CASTING MACHINES, ACCESSORIES
- DIE CASTING MACHINES & ACCESSORIES
- KNOCK OUT, FINISHING
- HEAT TREATMENT AND DRYING
- MEASURING, TESTING, PROCESS CONTROL INSTRUMENTS
- MATERIAL HANDLING
- ENVIRONMENT CONTROL
- MACHINING / CNC / VMC / HMC
- ROBOTICS AND AUTOMATION
- AUXILIARY EQUIPMENT
- FOUNDRY SERVICES
- CASTING MANUFACTURERS (FERROUS & NON-FERROUS)
- ADDITIVE MANUFACTURING
- CHILLERS AND COOLING TOWER
- LASER MARKING / ENGRAVING MACHINE



## VISITOR PROFILE

- METAL WORKING
- JOB SHOPS
- FABRICATED METAL PRODUCTS
- AEROSPACE, AUTOMOBILE IND
- JEWELLERY MAKING
- GOVERNMENT
- CONSTRUCTION & INFRASTRUCTURE
- STUDENTS
- WOOD WORKING
- FORGING & FOUNDRY
- DEFENSE & AEROSPACE
- MELTING FURNACE, ACCESSORIES
- SAND PREPARATION, TREATMENT & RECLAMATION
- MOULDING & CORE MAKING
- HEAT TREATMENT & DRYING

## PARTICIPANT COST

### FABRICATED STALL

The smallest stall (booth) size is

**9 sq. mtr (3mx3m)**

[With Standard Facilities]

### PREMIUM SPACE COST

- 2 Sides open 15% extra
- 3 Sides open 25% extra
- 4 Sides extra 30% extra

### BARE SPACE

The smallest stall (booth) size is

**18 sq. mtr**

[Without Standard Facilities and Power; these will be charged additional as per consumption]

	Standard Booth (per sq. mtr)	Bare Space (per sq. mtr)
Manufacturers	₹ 8,500/-	₹ 7,500/-

Taxes Applicable on above

### STANDARD FACILITIES

Constructed Stall with Carpet Floor & Exhibitor's Name on Facia, One Laminated Table, Two Chairs, One Dustbin, Two Spot Lights, One 5 amp. Plug Socket for every Stall of Size 9 sq. mtr, 500 Nos. of Invitation Cards, One Exhibition Souvenir, Two Exhibitors' Badges, One Entry in Participant Directory, Indoor Raw Space - This comprises of Bare Space only (Exhibitors have to construct their own Designed Stall).

EXTRA FACILITIES		Indian Cost
Temporary Power before Exhibition (Single Phase)		₹ 2000 per Hp
Power Required	HP	₹ 3000 per Hp
Compressor	3 CFM/100psi	₹ 15,000 per connection
	6 CFM/100psi	₹ 18,000 per Hp connection
	10 CFM/100psi	₹ 25,000 per Hp connection

Taxes Applicable on above

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