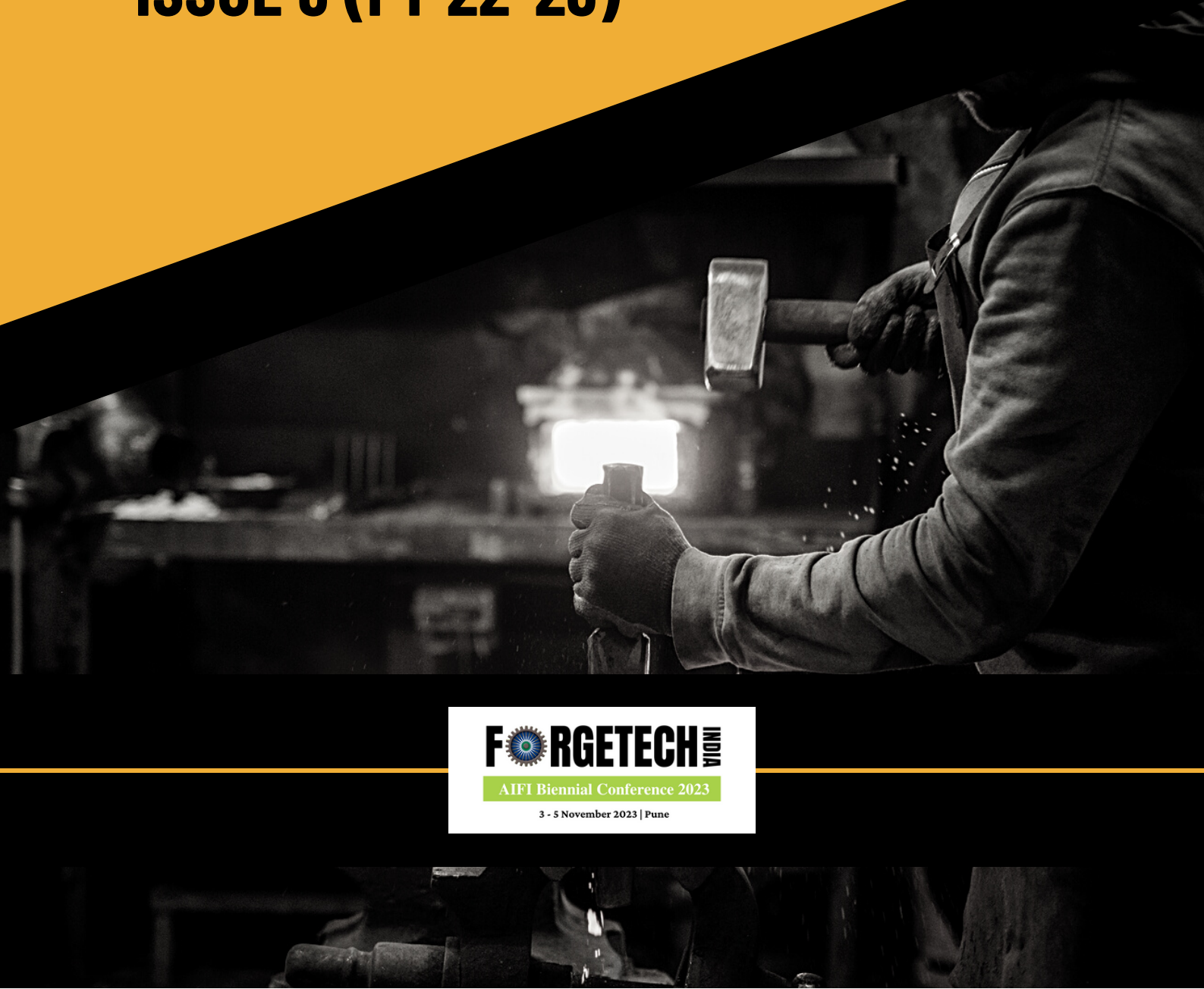


# FOCUS

**ISSUE 3 (FY 22-23)**



**FORGETECH INDIA**

AIFI Biennial Conference 2023

3 - 5 November 2023 | Pune

# THE BEST QUALITY IS OUR UTMOST GOAL – since 1863

Our almost complete range of classic machine tools for the forming technology ranges from **hydraulic presses, die forging hammers, counter-blow hammers, screw presses, preforming units, forging and cross wedge rolls** to the **automation** of machines and plants, a focus of our today's programme. **Your needs. Our solutions.**

## Current fields of application:

- ▶ Automotive industry
- ▶ Railway technology
- ▶ Aerospace industry
- ▶ Shipbuilding industry
- ▶ Medical technology
- ▶ Household appliances
- ▶ Hand-tool production
- ▶ Machine building industry
- ▶ Agricultural machinery
- ▶ Renewable energy
- ▶ Power plants
- ▶ Fittings industry
- ▶ Offshore industry
- ▶ Mining industry



**LASCO Umformtechnik GmbH**

Hahnweg 139 • 96450 Coburg • Germany • phone +49 9561 642-0

**LASCO.COM**

**FOCUS**

*ISSUE 3, 2022-23*

**EDITORIAL BOARD**

Mr. Vikas Bajaj, President, AIFI

Mr. Yash Munot, Vice President, AIFI

Ms. Trupti Vedpathak, Senior Manager, AIFI

Mr. Rahul Thorat, Junior Executive, AIFI

**REGD. ADDRESS:**

Association of Indian Forging Industry

101/112, Nyati Millennium, Off Nagar Road,

Viman Nagar, Pune-411014, India

Telephone: +91 20 26634099/26634451

**EDITORIAL AND SUBSCRIPTION:**

[info@indianforging.org](mailto:info@indianforging.org)

**WEBSITE:**

[www.indianforging.org](http://www.indianforging.org)

## **CONTENT**

• FROM THE EDITOR'S DESK .....	3
• MACROECONOMIC FACTORS OF THE INDIAN ECONOMY .....	6
• HYBRID STEEL FORGES NEW MANUFACTURING OPPORTUNITIES.....	14
• IMPROVING DIE PERFORMANCE FROM A VIEW OF A TOOL STEEL PRODUCER .....	20
• ELECTRIC VEHICLE (EV) SCENARIO IN INDIA.....	24
• AROUND THE WORLD .....	27
• REDUCE COST OF CNC COOLANTS AND FORGING LUBRICANTS BY AUTOMATIC, ACCURATE MIXING/ PROPORTIONING WITH WATER.....	28
• AIFI - MEDIA COVERAGE.....	34
• AIFI ACTIVITIES AT A GLANCE .....	36





### ***From the Editor's Desk...***

*As the auto industry performed relatively better this year, it was encouraging news for the Indian Forging Industry as we primarily serve the Indian Automotive Industry which accounts for 70-80% of forging production. Increased raw material and steel prices were a major area of concern this year. Furthermore, sales were hampered both last and this year after a global chip shortage, which has now been eased indicating the automotive industry growth this year. The electric vehicle (EV) market in India is rapidly expanding and the supply of Internal Combustion Engine (ICE) engines is projected to be limited in the future.*

*Electric vehicle sector will continue to be a major cause of concern for the forging and auto component industries since demand for vehicle moving parts will decline significantly, resulting in tremendous unutilized forging capacity. However, the forging industry must consider alternative options such as aluminium forging and expand into non-automotive industries such as aerospace, defence and railways where the current government is also emphasising through Atmanirbhar Bharat and Make in India initiatives. EV volumes are increasing, but it will take some time to penetrate in the primary market, which is why I believe the forging industry will do well in the next three to four years.*

*As you are already aware, AIFI has built a mobile application to provide a common platform for both members and non-members. The app is available both on Android and iOS platforms via your mobiles, the app would offer you the opportunity to discuss any topic, share your views, read our publications, have access to the latest monthly data and reports, and so forth. To get access to the app you may get in touch with us at the secretariat. Keep visiting our website-[www.indianforging.org](http://www.indianforging.org)- to know more about our events and activities.*

*Happy Reading!!!*

**For Editorial Board**

**Team AIFI**