

Steel SCENARIO

March 2023

A JOURNAL ON FERROUS AND ALLIED SECTORS



Improved Safety Via Accident Prevention Module:

- Lining Thickness & Health Detection System
- Online Bottom Earth leakage Detection System (ON-BELD)

 **megatherm**


GREEN FURNACE

ALL CONSTRUCTION MATERIALS UNDER ONE ROOF



From The House Of

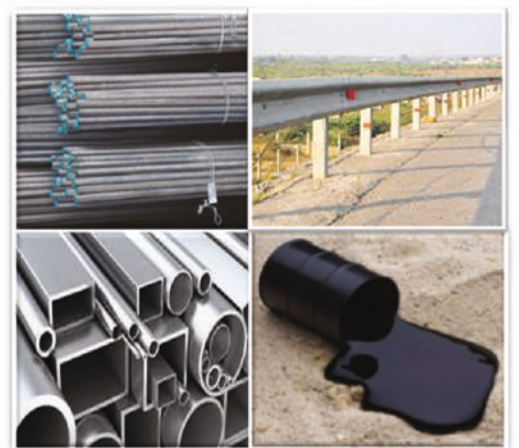


SHYAM STEEL

SHYAM TMT REBAR

ABOUT US

ZHuzoor Infratech Private Limited is a new-age marketplace for construction materials, which takes orders from all business customers (infrastructure contractors, builders etc.) for all construction materials etc. of any brand and fulfils it by sourcing from suitable manufacturers. ZHuzoor aims to revolutionize the construction market by providing materials at best quality and at best possible rate under one roof along with frictionless logistics, flexible financing terms.



PRODUCTS & SERVICES

TMT Bars

Structural Steel

Pipes & Tubes

Metal Beam
Crash Barrier

Scaffolding &
Shuttering Material

Poles & Towers

Fabrications


Construction
Chemicals


Bitumen & Fly Ash



Construction
Equipment

Construction Related
Hardware & Software

Inspection &
Testing services

 Plot No 03-319 (DH-6/11), Street No - 319,
New Town, Rajarhat, Kolkata 700156

 +91-8100203758

 enquiry@zhuzoor.com  www.zhuzoor.com



SECTION: EDITORIAL

Enterprise resource planning is a buzzword 2

SECTION : ARTICLE

Digitisation could steer MSME towards ERP 3

By Kingshuk Banerjee

ERP in the Age of Industry 4.0 Enterprise resource planning software grows smart and data-aware 8

By Kip Hanson, Contributing Editor, SME Media

Demands on ERP Systems made by Industry 4.0 14

(Source: Deloitte)

ERP Implementation Mistakes Every MSME Needs to Avoid 25

By SAP India

A Study on Selecting and Implementing Enterprise Resource Planning in Current Digital Transformation Era 29

By Dr. Shaik Shamshuddin & T. Venkateswarulu, Assistant Professors
GITAM Institute of Management, GITAM Deemed to be University,
Visakhapatnam**SECTION : INTERVIEW**

"ArcelorMittal Nippon Steel India produces superior quality downstream products" : R. V. Sridhar 37

Mr. R. V. Sridhar, Executive Director, Downstream Operations, AM/NS India

SECTION : REPORT

Challenges faced by MSME sector in procuring and working with steel 39

By Vedant Goel, Managing Director (NEO Mega Steel)

Domestic steel demand to grow at 7-8% in FY2024 supporting industry capacity utilisation at 80% - ICRA 41

Vesuvius Group plans to invest Rs. 500 crores in all manufacturing units 42

TERI organises 22nd edition of SAMEEKSHA (Small and Medium Enterprises: Energy Efficiency Knowledge Sharing) platform in Kolkata 43

SECTION : DATA BANK

Steel Market Price 44

Founder Chief Editor

Late Dr. Monoj Chatterjee

Editor & Publisher

Sakuntala Chatterjee Chanda

Content & Marketing Executive

Joyanta Mani

Accounts & Admin

Gobinda Roy

Design & Layout

SERC

Representative in Bangladesh

Rifat Mahmood

+88-01911394324

serc.events@gmail.com

EDITORIAL ADVISORY BOARD

- ▲ Dr. Narendra Kumar Nanda, M.Tech, Ph.D
- ▲ Sushim Banerjee, Director & CEO (Hony.), IISSSC
- ▲ Nirmal Chand Mathur, Stainless Steel Expert
- ▲ Dr. Shoeb Ahmed, Ex-Director Commercial - Steel Authority of India Limited
- ▲ Prithish Kumar Sen, Ex-Tata Steel
- ▲ Debashish Dutta, Ex-General Manager - Institute of Steel Development & Growth
- ▲ Ishwar Chandra Sahu, Ex-Executive Director I/c SAIL, IISCO Burnpur
- ▲ Rakesh Kumar Singhal, Consultant - Steel Research Technology Mission of India
- ▲ Abhijeet Sinha, National Program Director- ASSAR
- ▲ Divya Kush, President of The Indian Institute of Architects Member (Alt.), Council of Union of International Architects
- ▲ Rajesh Nath, Managing Director, VDMA India
- ▲ Nikunj Turakhia- President, Steel Users Federation of India
- ▲ Sanat Bhaumik, Director - Sales & Marketing, Steel Plantech India Private Ltd.

Spark Economy Research Centre46CD, Binodini Bhavan, Sammillani Park, East Rajapur, Santoshpur, Kolkata - 700075
Email: info@steelscenario.com / editor@steelscenario.com | Web: www.serc.org.in**ATTENTION SUBSCRIBERS**

Any complain of non-receipt of journal should reach 'Steel Scenario' office at Kolkata latest within a month of publication.

- Publisher

Printed and Published by Ms. Sakuntala C. Chanda on behalf of Spark Economy Research Centre at SERC.

The views and data given by the authors are their own and Steel Scenario Journal is not responsible for their authenticity



Sakuntala, Editor & Publisher

Enterprise resource planning is a buzzword

Enterprise resource planning system software is a customized application that allows businesses to integrate and manage their imperative processes under one roof. A comprehensive ERP software solution for the manufacturing industry improves the decision-making capacity of a company. By providing thorough insights and visibility into every department, this system helps companies make robust and business-oriented decisions. Moreover, ERP software helps manufacturing companies remain aligned with their goals and take necessary internal decisions if required. ERP software helps manufacturing companies reduce their overall operational costs. Because now time-consuming jobs are replaced by automated and streamlined processes. This will give you real-time business information, which will improve productivity and efficiency. By enhancing worker productivity, ERP software for the manufacturing industry curtails labour expenses, improves precision, and lowers error rates. Exact

production planning, improved control over inventory, streamlined process scheduling, and well-coordinated distribution channels enable manufacturers to improve the on-time delivery of products. Delivering products on time is a crucial parameter for maintaining a good relationship with your customers.

And this will certainly satisfy your customers, who will remain loyal to your company. Information technology, steel, textiles, pharmaceuticals, oil, and manufacturing organisations are some of the many companies that depend on the ERP. Nowadays, Power industry, Food Processing Industry, and hotel Industries are also headed the ERP way. The initially delayed attitude experienced towards ERPs can be blamed on factors like ignorance, technical difficulties, unfamiliarity, and, most importantly, financial troubles. Currently, the SME segment in India has become the most demanding category for ERP solutions. Nearly 60% of the SME sector has already integrated ERP solutions into their businesses. We have to say thanks to those developers who developed the affordable and efficient ERP modules; hence, SMEs can now afford the financial needs to integrate and streamline ERPs into their business needs. This helps the SMEs with smooth and efficient inventory management, time management, human resource management, customer relationship management, purchase management, and also in the online data business.

ERP systems allow business organisations to analyse market trends better, take quick and timely decisions, and operate at optimum productivity levels. No wonder ERP software is beneficial in many ways for organisations of all types and sizes. Nowadays, ERP software is

“ Currently, the SME segment in India has become the most demanding category for ERP solutions. Nearly 60% of the SME sector has already integrated ERP solutions into their businesses. ”

most commonly used by micro, small, and medium enterprises (MSMEs) in India and around the world to streamline their business processes and manage data from one centralised system. This change has predominantly occurred because small and medium businesses have over time realised that an ERP system helps them conduct their business operations smoothly. Such businesses have perennially struggled to handle both front-office and back-office operations efficiently at the same time and have often relied on a single resource to shoulder multiple roles due to limited resources.

Over the years, ERP systems have proven that they bring immense value to companies of any type and size. If you have read this far, then you'll probably agree that MSMEs in India and around the globe get benefits from an ERP software as it optimises their resources, helps deliver the best products, maintains quality, and ensures continued business success. Over the years, ERP systems have proven that they bring immense value to companies of any type and size. If you have read this far, then you'll probably agree that MSMEs in India and around the globe get benefits from an ERP software as it optimises their resources, helps deliver the best products, maintains quality, and ensures continued business success.

Sakuntala Chanda

Please subscribe to continue reading.....