

ISSN- 0976-495X (Print)
ISSN- 2321-5763 (Online)

Volume 14 | Issue 1 | January - March | 2023

AJM

Asian Journal of Management



www.anvpublication.org

**An International Peer-Reviewed
Journal of Managerial Sciences**

✓ 02.06.23

Asian Journal of Management

ISSN 0976- 495X (print)

ISSN 2321 -5763 (online)

Volume 14, Issue 01, January – March 2023

CONTENT

•	Relationship between Employee Satisfaction and Extrinsic Rewards: Case of Thanh Long Company in Vietnam <i>Le Thi Khanh Ly, Ho Tan Tuyen</i>	01
•	A Study on Impact Corporate Social Responsibility on Profitability of Companies Listed in National Stock Exchange <i>Supriya. B, Sudharani. R</i>	06
•	A Study on Optimizing Risk and Return through Options Trading Strategies <i>Asifulla A., H. Mahaboob Basha</i>	11
•	Representation of Tribal women in Panchayat Raj Institutions <i>Sukanta Kumar Dwibedi, Lora Aptaprava</i>	15
•	A Study on understanding the benefits and challenges of ‘Working from home’ amid Covid-19 Lockdown <i>Dur Khan</i>	19
•	Blessings on a Cart: Ramadan and Street Vendors in Dhaka <i>Ummay Sumaiya Mutiatur Rasul, Muhammad Salah Uddin</i>	29
•	Strategies for Promoting Autonomous Learning <i>Pratibha Bundela Gupta, B. L. Gupta</i>	37
•	Antecedents and Consequences of Quality of Work Life: An In-depth Review for Future Research Agenda <i>Anil Kumar Gope, Wasif Ali</i>	45
•	A Study on the Customer Preference and Purchase Decision of Refined Oil and Cold-Pressed Oil among Households in India <i>Kanimozhi S., Hariharan P.</i>	52
•	Effects of Budget Announcement on Stock Prices in the Indian Context <i>T. Manjunatha, Zahid Hassan Kharuri</i>	57
•	A Study on Public Sector Banks and Private Sector Banks: Customer Usage of Green Banking Initiatives – A Special Reference TO Internet Banking <i>M. Narayanan, S. Chandrasekaran</i>	65
•	Factors affecting Entrepreneurship among the Disable people in Southern Districts of Tamilnadu - A Study <i>Dr E Saranya Devi, Dr S Rajamohan</i>	71
•	Exploring the antecedent factors of curated shopping in Social Commerce among luxury consumers <i>Hemantha Y</i>	76
•	Accreditation of Diploma Engineering Programmes <i>B. L. Gupta, Pratibha Bundela Gupta</i>	81
•	A Study on Stock Market Performance by using Sharpe and Treynor Ratio <i>Azeeza Begum, Janet Jyothi Dsouza, Dinesh K</i>	94
•	Instructions to Author	101

Since 1961

Electrical India



ISSN 0972-3277

India's oldest magazine on power and electrical products industry



GANDHI
Automations Pvt Ltd

India's **No.1** Entrance Automation & Loading Bay Equipment Company



High Speed Doors (Self-repairing)

- Heavy duty automatic flexible door featuring special and innovative self-repairing system; should the curtain accidentally get dislodged, it automatically be recovered with a simple opening and closing operation.
- Electronic safety device to reverse motion when door is closing if an obstacle is hit.
- IP65 electronic panel complete with open-close-emergency stop push button unit and self-test function.
- Full size flexible curtain made of self-extinguishing polyester, with no horizontal strengthening parts, which slides inside the side hinges and features self-repairing properties.
- Heavy duty motor : 415V three phase, opening speed upto 2.0 m/s with inverter system.
- Size upto: 6000 mm (W) x 6000 mm (H).



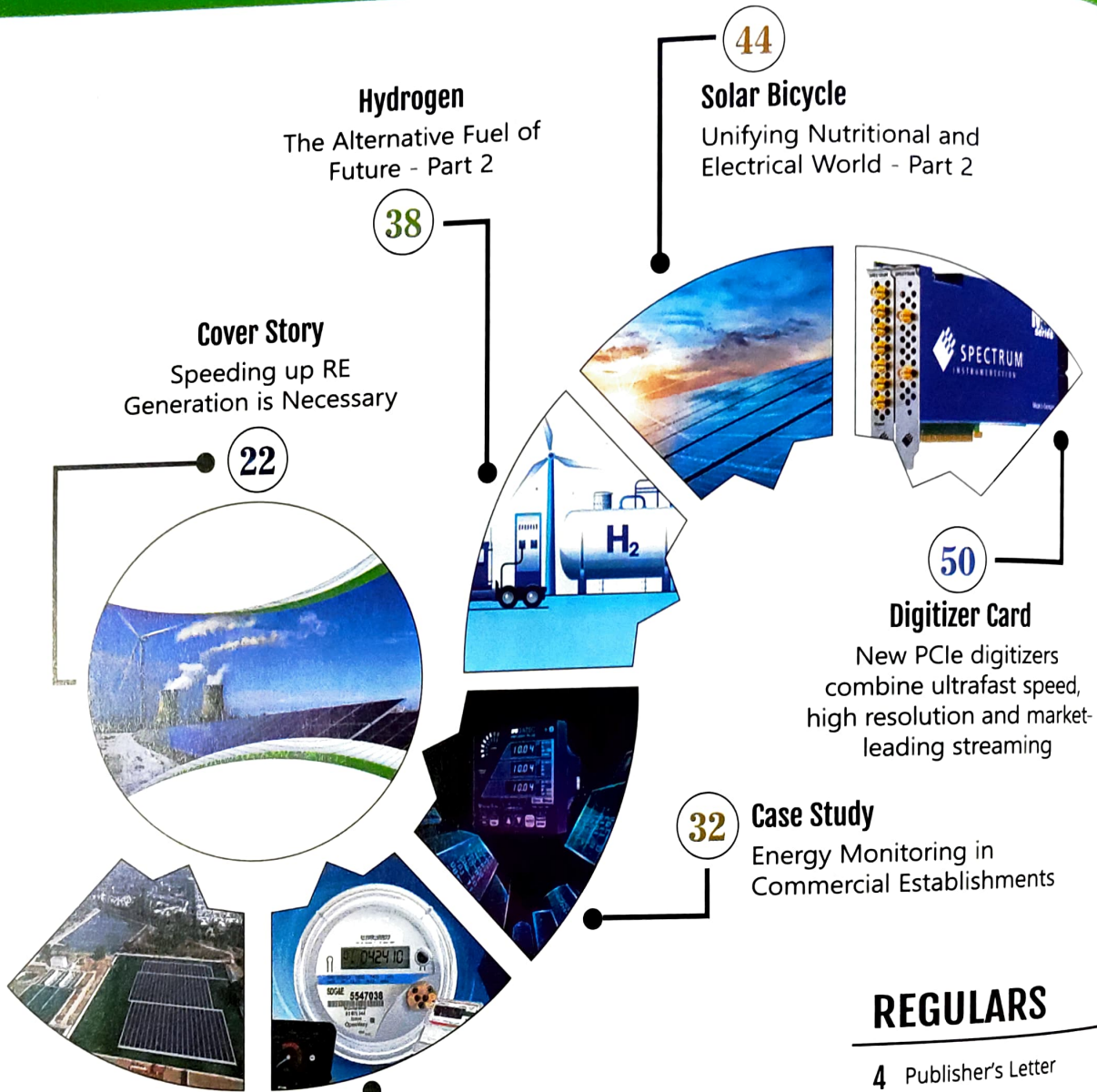
- Dock Levelers
- Dock Shelters
- Fire Rated Shutters / Doors
- Rolling Shutters
- Sectional Overhead Doors



TOLL FREE
1800 209 0200
From Anywhere in India

STAR EXPORT HOUSE (Government of India Recognised)

02.06.23



REGULARS

- 4 Publisher's Letter
- 8 News
- 19 Apointments
- 20 Market Scenario
- 31 Leak Detector
- 37 Product Avenue
- 56 Events
- 57 Index of Advertisers



"I Either Do What I Love Or Learn To Love What I Do"

- Jaswinder Ahuja, Cadence Design Systems India

"Our Customers Come To Us For The Superior Technology Of Our Cameras And Their Quality"

- Maharajan Veerababu, A-con Systems

₹ 100
NOT FOR
RE-SALE

duplicate

MAY 2023

electronics

FOR YOU

How're Leading Businesses Using ChatGPT?



MUST READ

- Putting G, P, And T Together
- Increasing Productivity And Quality With New-Age Soldering Irons
- Make In India: Lessons From Shenzhen
- Interesting Reference Designs For Power Supplies
- Accelerating Edge AI With Neural Systems

An
EFY GROUP
Publication
Vol. 55 No. 5 • ISSN 0013-516X
SUBSCRIBER COPY
Sale and purchase of this
copy is illegal
Pages: 118



UNLOCK THE POWER OF ANALOG

Now back at element14

Contact us today! in.element14.com | 1800 108 3888 (toll free)

02.06.23

element14

AN AVNET COMPANY



CONTENTS

TECHNOLOGY

- 22 INTERVIEW: "We Call This Concept An Infinity Charger; There Is No Limit For Voltage And Current In This Configuration," — Karthikeyan Sundaram, Co-Founder, Greendzine
- 26 SELECT: Increasing Productivity And Quality With New-Age Soldering Irons
- 30 TRENDS: Accelerating Edge AI With Neural Systems
- 36 INNOVATION: Putting G, P, And T Together
- 43 INNOVATION: Making A Difference With Generative AI

STRATEGY

- 61 INDIA: Make In India: Lessons From Shenzhen



- 63 INTERVIEW: "Our Customers Come To Us For The Superior Technology Of Our Cameras And Their Quality," — Maharajan Veerabahu, Co-founder, e-con Systems



- 67 GROWTH: The 3 Attributes To Improve Visibility In Noisy Market

- 70 MY STORY: "I Either Do What I Love Or Learn To Love What I Do," — Jaswinder Ahuja, Managing Director, Cadence Design Systems India



DESIGN

- 76 CIRCUIT: Interesting Reference Designs For Power Supplies
- 78 SECURITY: What's Gone Wrong With Cybersecurity And How To Protect Ourselves

DO-IT-YOURSELF

- 82 CIRCUIT IDEA: A Simple Automatic Bathroom Light
- 86 PROJECT: ADC And DAC Trainer
- 90 PROJECT: Intruder Detection And Image Storage Using Pi Camera And Firebase
- 94 PROJECT: Wireless Health And Security Monitor That Does Not Breach Privacy
- 97 PROJECT: Touchless Water Dispenser For Washing Hands
- 99 PROJECT: Real-Time Digital Clock

REGULARS

- 8 From You: Your Suggestions and Things You Wanted To Know!
- 10 Research & Innovation Updates
- 15 Truly Innovative Electronics
- 17 New Products

- 48 Dashboard: Key Industry Trends That Can Shape The Future Of Your Business
- 50 Startups & Innovators
- 54 Industry News: Industry Updates

EDITOR	: Rahul Chopra
EDITORIAL CORRESPONDENCE	: Phone: +91-981155335 E-mail: edtop@efy.in
SUBSCRIPTIONS & MISSING ISSUES	: Phone: +91-981155335 E-mail: support@efy.in
BACK ISSUES, BOOKS, KITS, COMPONENTS, etc	: Phone: +91-981155335 E-mail: support@efy.in
NEWSSTAND DISTRIBUTION	: Phone: +91-981155335 E-mail: efydrc@efy.in
ADVERTISEMENTS NEW DELHI (HEAD OFFICE)	: Phone: +91-981155335 E-mail: efyenq@efy.in
MUMBAI	: E-mail: rmowest@efy.in
BENGALURU	: E-mail: rmosouth@efy.in
CHINA	: Worldwide Focus Media E-mail: china@efy.in
GERMANY	: PMS Plantenberg Media Service GmbH E-mail: germany@efy.in
JAPAN	: Tandem Inc. E-mail: japan@efy.in
TAIWAN	: J.K. Media E-mail: taiwan@efy.in
UNITED KINGDOM	: ASA Media E-mail: uk@efy.in
UNITED STATES	: E & Tech Media E-mail: usa@efy.in

Printed, published and owned by Ramesh Chopra. Printed at M.P. Printers, B-220, Phase-2, NOIDA-201305, Uttar Pradesh, on the first day of each month and published from D-87/1, Okhla Industrial Area, Phase-1, New Delhi 110020. Copyright 2023. All rights reserved throughout the world. Reproduction of any material from this magazine in any manner without the written permission of the publisher is prohibited. Although every effort is made to ensure accuracy, no responsibility whatsoever is taken for any loss due to publishing errors. EFY will not be responsible for any wrong claims made by an advertiser. Disputes, if any, will be settled in a New Delhi court only.

SUBSCRIPTION RATES

EFY = Electronics For You

PRINT MAGAZINE	1 YEAR (12 copies each)	3 YEARS (36 copies each)	5 YEARS (60 copies each)
	WITHIN INDIA (IN RUPEES)		
EFY (Rs 100/copy)	840	2150	3000
SAARC COUNTRIES (IN US\$ BY AIR)			
EFY	50	135	NA
OTHER COUNTRIES (IN US\$ BY AIR)			
EFY	100	270	NA

Courier delivery within India @ Rs 50 per copy
 e-magazine subscriptions within India are available at half the rates mentioned here.

Overseas rates for each e-magazine in US\$:
 1 year: \$12; 3 years: \$33; 5 years: \$50 only

Please send payments only in favour of EFY Enterprises Pvt Ltd through demand draft/cheque/money order to D-87/1, Okhla Industrial Area, Phase 1, New Delhi 110020, or online at: <http://subscribe.efyindia.com> or scan the QR code.





WORLD: SUDAN
Battle of the generals **50**

MUSIC: KUMAR GANDHARVA
Memories of a legend **84**



FRONTLINE

MAY 19, 2023

INDIA'S NATIONAL MAGAZINE

[HTTPS://FRONTLINE.IN](https://frontline.in) [DU.COM](https://frontline.in)

RS.125



BRUTAL STATE

The brazen murder of Atiq and Ashraf Ahmed while in police protection points to a state striding wilfully towards lawlessness

8 06 3

FRONTLINE

VOLUME 40 NUMBER 09 MAY 05-MAY 19, 2023 ISSN 0970-1710 [HTTPS://FRONTLINE.THEHINDU.COM](https://frontline.thehindu.com) 116 PAGES

ELECTIONS



Advantage Congress in Karnataka 31

POLITICS

Interview: Supriya Sule 35
Pilot vs Gehlot in Rajasthan 38
Kill and tell in Bengal 41

PEOPLE & PLACES

A tribe in Karnataka that has travelled the world 46

WORLD AFFAIRS



Battle of the Generals in Sudan 50
China's growing influence in West Asia 55

INDUSTRY

Workers against private interest in Vizag Steel 58

GENDER

Woman power rises in a Delhi slum 64

CONSERVATION



Ullas Karanth on how to save the tiger more effectively 67

REPORT

Atlas of Impunity 71

COVER STORY

Can terror become state policy?

“Bulldozer Baba”, “Encounter Pradesh”, and “Yogi Model” are among the admiring phrases that have lauded the Adityanath government as it ushers in an era of unapologetic state vigilantism. 6



RELATED STORIES

The strongman phenomenon 13
A new high in Assam 17
J&K: Dark past, darker present 20
The lame arm of the law 23
Cops and criminals: Brothers in arms 26

COVER DESIGN: KANNAN SUNDAR

PHOTO ESSAY



Dismantling the gaze: On photography in South Asia 76

MUSIC



Remembering Kumar Gandharva 84

ARCHITECTURE

At NGMA, New Delhi: The essential Geoffrey Bawa 89

SHORT STORY

My Wedding 109

COLUMN

C.P. Chandrasekhar: What did the Spring Meetings achieve? 43
Ganesh Devy: Gandhi lives on 74
Prathyush Parasuraman: The idea of grace 95

SCIENCE NOTEBOOK

BOOKS 97

SHOWCASE 112

KODAGU DIARY 113

QUIZ 114

LETTERS 4

Air Surcharge:

Colombo - Rs.20.00 and
Port Blair - Rs.15.00

For subscription queries and delivery related issues Contact: Pan-India Toll Free No: 1800 102 1878 or customer-care@thehindu.co.in

For advertisements: E-mail: sivakumar.m@thehindu.co.in, Phone: 98415 85969

Disclaimer: Readers are requested to verify & make appropriate enquiries to satisfy themselves about the veracity of an advertisement before responding to any published in this magazine. THG PUBLISHING PVT LTD., the Publisher & Owner of this magazine, does not vouch for the authenticity of any advertisement or advertiser or for any of the advertiser's products and/or services. In no event can the Owner, Publisher, Printer, Editor, Director/s, Employees of this magazine/company be held responsible/liable in any manner whatsoever for any claims and/or damages for advertisements in this magazine.

Published by Nirmala Lakshman, Kasturi Buildings, 859,860, Anna Salai, Chennai-600 002 and Printed by SDT Rao at Kala Jyothi Process Private Ltd, Plot no CFC-1&2, Survey No 18, E-City, SEZ & General Industrial Park, Raviryal & Srinagar (Village), Maheswaram(M), R.R.Dist, Telangana - 501359 on behalf of THG PUBLISHING PVT LTD., Chennai-600 002.

EDITOR: VAISHNA ROY (Editor responsible for selection of news under the PRB Act).

All rights reserved. Reproduction in whole or in part without written permission is prohibited.

e-mail: frontline@thehindu.co.in

Frontline is not responsible for the content of external Internet sites.



A CSIR Publication



Indian J Eng Mater Sci

FEBRUARY 2023

CODEN: IEMSEW 30(1) 1-188 (2023)

ISSN: 971-4588 (Print); 0975-1017 (Online)

ijems@niscpr.res.in

Indian Journal of **Engineering & Materials Sciences**

<https://niscpr.res.in>

CSIR-National Institute of Science Communication And
Policy Research
New Delhi, INDIA

02-06-23

Indian Journal of Engineering & Materials Sciences

http://www.niscpr.res.in; http://nopr.niscpr.res.in; Impact Factor: 0.615 (JCR 2021)

VOLUME 30

NUMBER 1

February 2023

CODEN : IEMSEW 30 (1) 1-188

ISSN : 0971-4588 (Print); 0975-1017 (Online)

CONTENTS

Review Articles

- Current Status and Way Forward of Microwave Hybrid Heating in India: A Bibliometric Analysis
Vishwajeet Kumar, Joy Prakash Misra, & Kuldeep Kr Saxena 9
- Studies on Lightweight Geopolymer Concrete
Yerramsetty Deepthi, Parukutty Sanker Ambily, & Hanchate Sudarsana Rao 21
- Optimization on Manufacturing Processes at Indian Industries Using TOPSIS
Satbir Singh, Vivek Agrawal, Kuldeep Kr Saxena, & Kahtan A Mohammed 32
- Friction Stir Process: A Comprehensive Review on Material and Methodology
Vishal Bhojak, Jinesh Kumar Jain, Kuldeep Kr Saxena, Bharat Singh, & Kahtan A Mohammed 45

Research Articles

- Beneficiation of Clays from Ramgarh-Naudiha Region of Sonbhadra District Uttar Pradesh, Impart Improved Properties for Ceramic Industries
Debiprasad Karmakar, Vartika Singh, Shetru Mallappa Veerabhadrapa, Raghvendra Singh, Lalit Kumar Sharma, & Swapankumar Ghosh 65
- Modeling and Control of PV Emulator with Different Controllers and Transient Load Conditions
Simmi Sharma, Dheeraj Joshi 73
- Design of Optimized Koch Based Fractal Patch Antenna for Multiband Wireless Applications
Yadwinder Kumar, Sunil Kumar Sharma, Mandeep Singh, & Gurmohan Singh 80
- Influence of Parameters on Mechanical and Micro-Structural Properties of Tungsten Inert Gas (TIG) Welded Joint of 1 mm Thin Inconel 625 Plates
Saurabh Tripathi, Nehem Tudu, Mayuri Baruah, Raj Ballav, & Shashi Bhushan Prasad 87
- Design and Development of Light Weight Porous Matrix Using Industrial Waste
Vijaya Laxmi, Chaitanya Thakre, Abhishek Bisarya, & Ritesh Vijay 94
- Comparison of Signal Processing Techniques for Prediction of Optimal Process Variables to Yield higher Productivity During Turning on CNC Lathe
Pankaj Gupta, Bhagat Singh, & Yogesh Shrivastava 103
- Fabrication of Green Composites by Waste Coconut Shells as Partial Replacement of Coarse Aggregates in Concrete and Determination of its Acoustic Behaviour
Kishor Kalauni, Deepak Kumar, & S J Pawar 112
- Instability Regions of a Laminated Sandwich Plate with MRE Core Under Parametric Excitation Using Finite Element Method
Hafiz Mayeen, Rajesh Kumar Ojha, & Santhosha Kumar Dwivedy 122
- RF and Crosstalk Characterization of Chip Interconnects Using Finite Element Method
Manjit Kaur, Gurmohan Singh, & Yadwinder Kumar 133

POWERLINE

www.powerline.net.in

Decarbonising the Sector ¹²

Nuclear power set to gain momentum

Infocus
IT-OT in Power ⁵⁵

Special Section
R&M of Power Plants ³³

Special Section
Water Management ⁶⁹

16 11th discom rating report shows improvements on several metrics

19 Domestic solar manufacturing gets a big fillip

22 MoP sets the ball rolling on creating a carbon market

44 Interview with Sanjeev Hans, Principal Secretary, Energy, Government of Bihar

80 Industrial Power: Green & Smart Buildings

✓ 02-06-23

NEWS BRIEFS

SPECIAL STORIES

Decarbonising the sector

Nuclear power set to gain momentum



Getting better

11th discom rating report shows improvements on several metrics

Local gains

Domestic solar manufacturing gets a big fillip

Creating a carbon market

MoP sets the ball rolling with the draft CCTS

COMPANIES

"We will enable greater integration of energy assets"

Interview with Anand Mishra

GETCO

Enabling growth through the implementation of state-of-the-art technology

FINANCE

Renewable energy invTs

Experience in the Indian market

Financial briefs

India and overseas

SPECIAL SECTION: R&M OF POWER PLANTS

A growing need

Case for R&M and LE of power plants

Enhancing capacity

Hydro R&M plans and strategies

Restoring power

Relying on R&M/LE for increased output at TPPs

Key statistics

Hydro R&M projects targeted for completion during 2022-27

FORUM



Interview with Sanjeev Hans

"We have planned 1 GW of renewable energy in the coming years"

Charging up

E-mobility stakeholders' perspective on EV infrastructure development

Consumer connect

Key to the success of the smart metering programme

Change in law

Evolving dimensions of infrastructure contracts

INFOCUS: IT-OT IN POWER

Optimising operations

Key trends and challenges in IT-OT integration



Technology revamp

New and emerging solutions to improve utility operations

Safety check

Cybersecurity concerns, challenges and solutions

Power performance

Utility experience in IT-OT implementation

SPECIAL SECTION: WATER MANAGEMENT

Conservation efforts

Measures to reduce the water footprint of TPPs

Water aware

Steps to make cooling systems more environment friendly

Sustainable ash management

Water-efficient strategies and initiatives

Adopting ZLD

Growing uptake at TPPs

COMPANY RELEASE

INDUSTRIAL POWER: GREEN & SMART BUILDINGS

Sustainable energy use

Green and smart building practices for improved energy efficiency

PHOTOGALLERY

PEOPLE

Satyajit Ganguly, North Eastern

Transmission Company Limited

Sachin Kumar, Shakti Sustainable

Energy Foundation

POWER DATA

Power trading

At the Indian Energy Exchange, Power Exchange India Limited and Hindustan Power Exchange in March 2023

Key statistics

Payment overdue by discoms

Power generation

Monthly statistics year on year

FORM IV

Publisher	Alok Brara
Printer	Alok Brara
Owner	India Infrastructure Publishing Pvt. Ltd.
Editor	Alok Brara
Printing Press	Thomson Press (India) Limited, 18/35, Delhi Mathura Road, Faridabad
Place of Publication	B-17, Qutab Institutional Area New Delhi 110016

For advertising in the magazine, please email us at advertising@indiainfrastructure.com or call +91 8130 919 700

TANKER

SHIPPING & TRADE

published by
riviera)))

April/May 2023

www.tankershipping.com



**EXECUTIVE MBA
IN SHIPPING AND LOGISTICS
(THE BLUE MBA)**

Michael Obling
Tanker Projects Broker at
Clarksons Copenhagen &
current Blue MBA participant

"THE CBS BLUE MBA IS A FANTASTIC PLATFORM FOR LEARNING IN AN EVER-CHANGING AND GLOBALISED WORLD. RELEVANT MODULES ACROSS SHIPPING, LOGISTICS AND LEADERSHIP COMBINED WITH A MOTIVATED CLASS OF INTERNATIONAL FELLOW PARTICIPANTS AND QUALITY LECTURERS MAKE IT A VERY INTERESTING PROGRAMME AND PERSONAL JOURNEY."

Find out more details from Programme Director, Irene Rosberg
Visit cbs.dk/bluemba or email ir.mba@cbs.dk

CBS  **EXECUTIVE MBA
IN SHIPPING & LOGISTICS**
COPENHAGEN BUSINESS SCHOOL



FUELS OF THE FUTURE
Methanol, ammonia, hydrogen
– shipping's great leap of faith

THE FLEET OF SHAME
The 'dark' vessels flouting
Russian sanctions

WIND POWER AND PROPULSION
Neglected for so long, wind
power is back with a bang

VETTING: SIRE 2.0
Successfully navigating the
new inspection regime

02.06.23



REGULARS

- 5 COMMENT
- 9 CONTRACTS AND COMPLETIONS
- 42 LEGAL BRIEFING
- 45 GREEN TANKER TECH

ANALYSING THE 'DARK FLEET'

- 6 A new report reveals the extent of the 'dark fleet', which continues to flout sanctions on Russian oil products

SECTOR TOP 10: MR2 TANKERS

- 12 Flexibility is supporting the sector's earnings and with a small orderbook, things are looking rosy for owners

ENVIRONMENTAL RESCUE

- 13 The UN is urgently seeking assistance to avert an oil-spill catastrophe of Yemen's Red Sea coast

MARKET ANALYSIS

- 14 What the latest activity in the MR2 tanker sector reveals about price cap on Russian oil products

WIND POWER AND PROPULSION

- 16 Why wind power is back on the propulsion agenda
- 20 The latest windsail technology from the Oceanbird joint venture

EMISSIONS REDUCTIONS

- 22 The novel solutions being employed by Turkey's Gemak Shipyard in support of decarbonisation

SAFETY

- 24 The new guidelines aimed at mitigating accidents occurring within enclosed spaces
- 25 A new solution to help optimise dry-docking schedules

REGULATION

- 26 Why LNG remained a favoured fuel solution for many owners
- 27 The firm stance being taken by the EU to reduce emissions from shipping



Rs. 30.00
ISSN-0566-2257

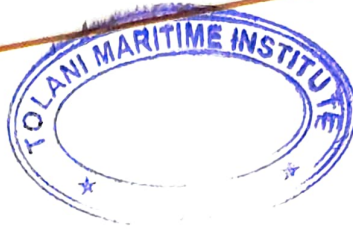


UNIVERSITY NEWS

A Weekly Journal of Higher Education

Association of Indian Universities

Vol. 61 • No. 14 • April 03-09, 2023



Sudheer Sudhakaran and Anjali A

Internship: The Starter Culture for Students, B-Schools and Industry to Create Summer Wine!

Priya Johry and Aayush Kumar

An Overview of the All-India Survey on Higher Education-2020-21

Pintu Modak

Sports Engineering: Need of the Hour for Sports in India

Tanushree S. Bhargava

The Modern Teacher's Competencies in 21st Century

Nitin Gadkari

Architect of Innovations

– Convocation Address

✓ 02.06.23

Let's Create Atmanirbhar Bharat Together

Rs. 30.00
ISSN-0566-2257



UNIVERSITY NEWS

A Weekly Journal of Higher Education

Association of Indian Universities

Vol. 61 • No. 17 • April 24-30, 2023



Suresh Garg and Sanjay Gupta

Are We Ready for the Educational Paradigm Shift towards
Quality Due to Entry of Foreign Universities?

Sunil Behari Mohanty

A Comparative Analysis of National Policy on Education–1986/92
and National Education Policy–2020 Part-I

Kushagri Singh and Saurabh Singh Rathore

Effective Curriculum and Pedagogical Approaches in Microbiology

S R Patil, A R Patil, and A S Patil

Evaluating Social Media's Effect on University Education: A Case Study

Rakesh Aggarwal

Best Use of Education is to Benefit the Disadvantaged People
– Convocation Address

✓ 02.08.23

#Let's Create Atmanirbhar Bharat Together



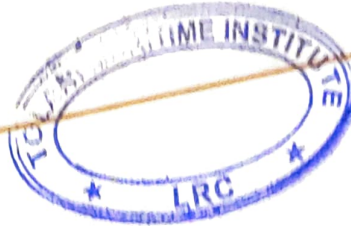
Rs. 10.00
ISSN 0566-2257

UNIVERSITY NEWS

A Weekly Journal of Higher Education

Association of Indian Universities

Vol. 61 • No. 16 • April 17-23, 2023



K Paddayya

Theory Abundance: Social Science Research at the Crossroads? Part-II

D K Kamble

Assessment and Accreditation of Higher Education Institutions in Jharkhand State: An Overview Analysis

Anjali Shokeen

Revisiting the Notion of Quality Education through the Lens of the Indian Knowledge System in Teacher Education

Vaishali Rajput, Parul Lau Gaur and Suresh Kumar Lau

Education in India with Special Reference to Gender

B S Ajai Kumar

Every Truth is Justified

– Convocation Address

Amita Pandey Bhardwaj

Academic Journey of Teaching Learning Centre (2022-23) of SLBSN Sanskrit University: Participant's Capacity Building

– Communication

✓ 02.06.23

Let's Create Atmanirbhar Bharat Together

Rs. 30.00
ISSN-0566-2257



UNIVERSITY NEWS

A Weekly Journal of Higher Education

Association of Indian Universities

Vol. 61 • No. 15 • April 10-16, 2023



K Paddayya

Theory Abundance: Social Science Research at the Crossroads? Part-I

Hema Raghavan

One Step Backward, Two Steps Forward: Lost and Lasting
Glory of Gandhism

Kandi Kamala

Implementation of Cluster College System in Hyderabad

B Elango

NIRF 2021: An Analysis of Non-science Colleges

Padma Vibhushan K Kasturirangan

Never-ending Quest for Knowledge and Wisdom
– Convocation Address

✓ 02.06.23

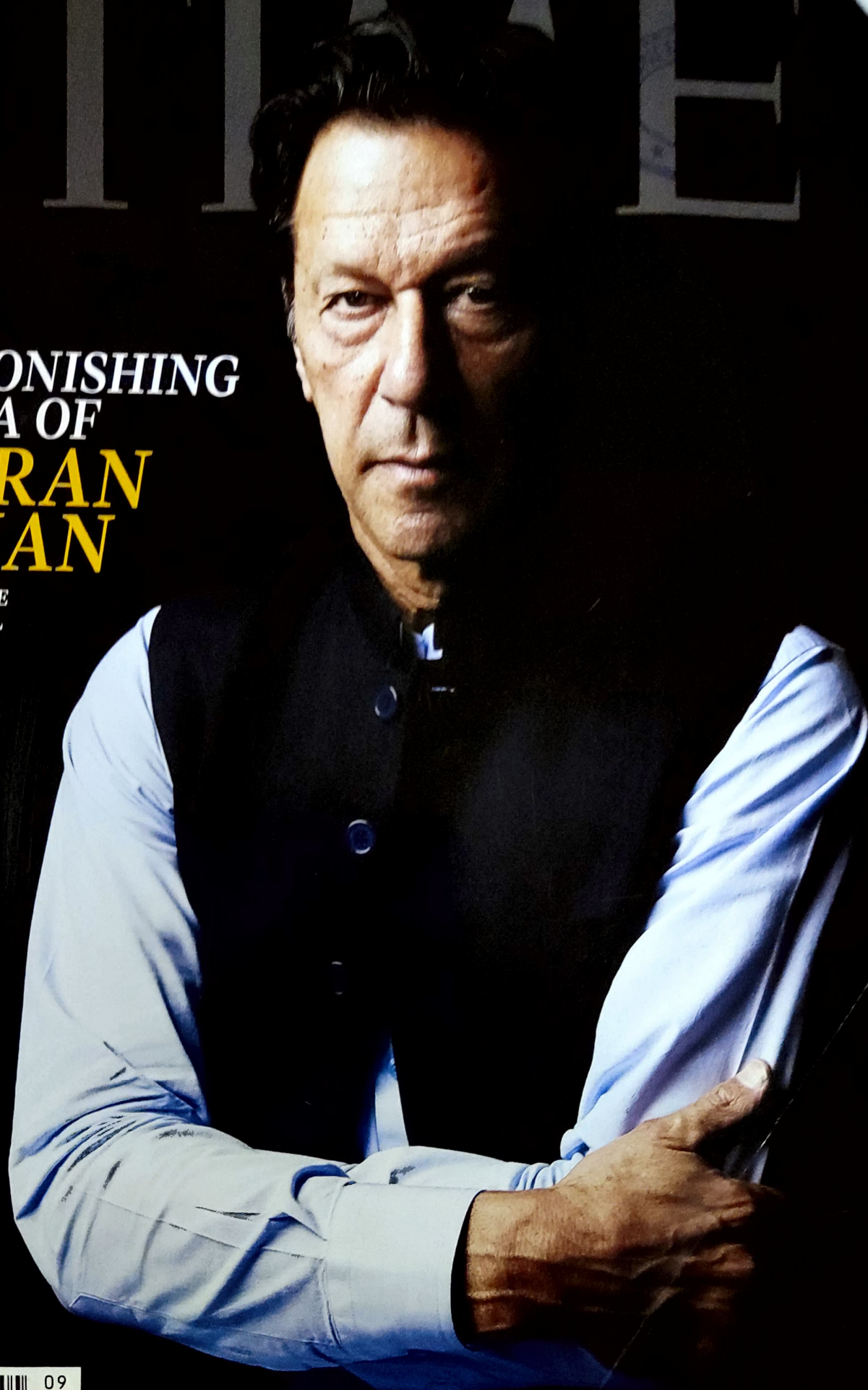
Let's Create Amanabhara Bharati Together

OUR
100th
YEAR

TIME

**THE
ASTONISHING
SAGA OF
IMRAN
KHAN**

by CHARLIE
CAMPBELL





7
The Brief

21
The View

30
**Ukraine
Arms Race**

Inside the Pentagon's scramble to produce the weapons for Kyiv's spring counteroffensive

By W.J. Hennigan

37
**The 2023
Earth Awards**

TIME and TIMECO₂ recognize five leaders in the battle against climate change. *Mark Ruffalo and Gloria Walton* extol the power of stories. *Lisa P. Jackson*

greens Apple. *Vanessa Nakate* takes questions. And *António Guterres* writes a descendant

44
**Imran Khan Plans
His Comeback**

Pakistan's most popular politician was ousted from office—and is now demanding elections

By Charlie Campbell

50
A Burnt-Out Case

A reporter's solo search for relief, and resilience

By Jamie Ducharme

57
Time Off

TIME Asia is published twice a month (except for June and August) by TIME Magazine Singapore Pte. Ltd. © TIME Magazine Singapore Pte. Ltd. All rights reserved. Reproduction in whole or in part without written permission is prohibited. TIME and the Red Border Design are protected through trademark registration in the U.S. and in the countries where TIME Magazine circulates. Member, Audit Bureau of Circulations. **PRINT SUBSCRIPTIONS:** Visit time.com/AsiaJoinus. **SUBSCRIBERS:** If the postal services alert us that your magazine is undeliverable, we have no further obligation unless we receive a corrected address within two years. **CUSTOMER SERVICE AND SUBSCRIPTIONS:** For 24/7 service, or to learn more about special offers online, please visit www.subscribeusnow.com.au/time/asia/SOLO. You may also email our Customer Services Center at time@timeasiasubs.com or call (61) 2 8880 5811, or write to TIME Magazine Singapore Pte. Ltd., 38 Beach Road, Level 30, South Beach Tower, Singapore 189167. **ADVERTISING:** For information and rates visit: timemediakit.com. TIME Asia is edited in Hong Kong and printed in Singapore and Hong Kong. Singapore MCI No. (P) 058/08/2022. Malaysia KKDN permit no. PPS 676/03/2013(022933).



OUR
100th
YEAR

THE GLOBAL STAR

**DEEPIKA
PADUKONE**
IS BRINGING
THE WORLD TO
BOLLYWOOD

BY ASTHA RAJVANSHI



9 771064 030005

✓ 02-06-23

5
The Brief

17
The View

24
His Majesty

Even before the pageantry of his coronation, King Charles was doing a lot of things right

By Tina Brown

Antimonarchists struggled to be heard on the streets of London

By Yasmeen Serhan

32
Breakout Star

Bollywood's Deepika Padukone has the kind of magnetic appeal that transcends East and West

By Astha Rajvanshi

38
Lone Star Promise

Texas could be the global leader in alternative energy— if it took a liking to the idea

By Justin Worland

42
A New Japan

Prime Minister Fumio Kishida faces down his country's ghosts

By Charlie Campbell

49
Time Off



duplicate

www.outlookbusiness.com

OUTLOOK BUSINESS

May 2023 | ₹100 | Subscription Copy Not For Resale

THINK BEYOND. STAY AHEAD.



FIGHT FOR A SLICE OF THE UPIE



Stakeholders of digital economy
want to milk UPI for profit. Will it kill
India's golden goose?

Reliance in the
Beauty Store >pg44

Mensa Brands Founder
Talks Strategy >pg50

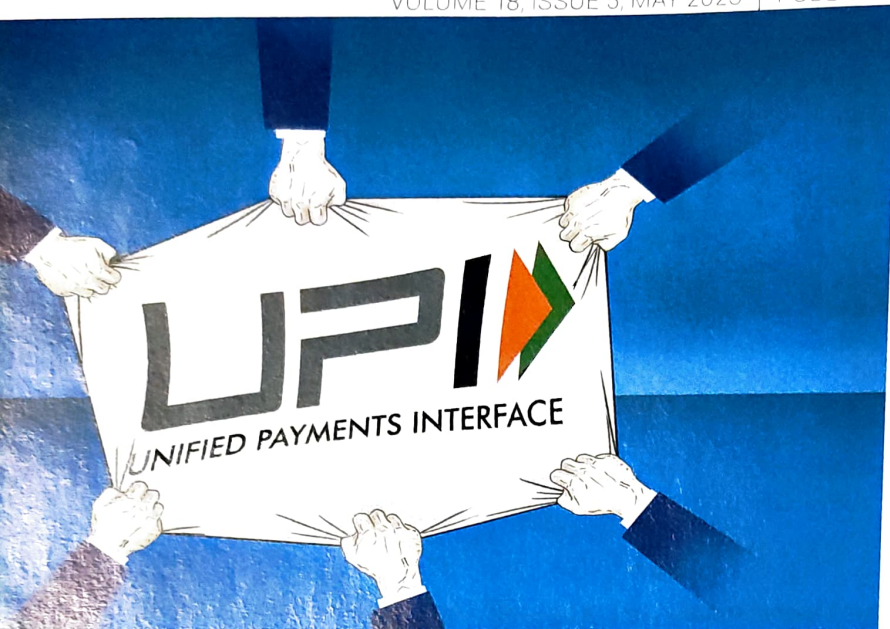
Promoters Missing at
the Markets >pg32

02.06.23

Contents

VOLUME 18, ISSUE 5, MAY 2023

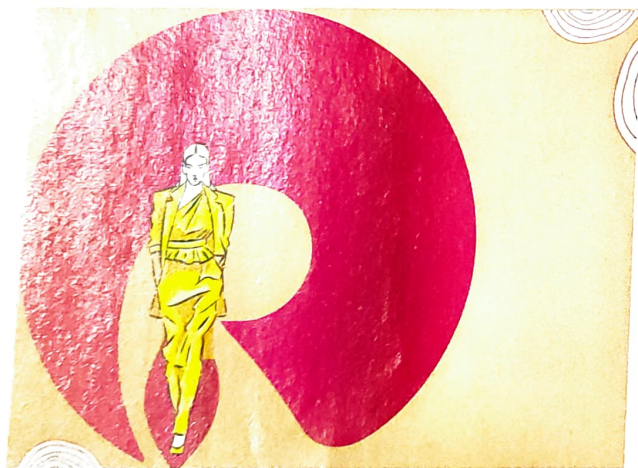
PUBLISHED ON MAY 1, 2023



Keeping it UP(I) and Running

The UPI may have become India's prized innovation that the world wants to replicate, but the government is under pressure to work out a formula for keep it viable for stakeholders and attractive for general users

10



Relying on the Beauty Market

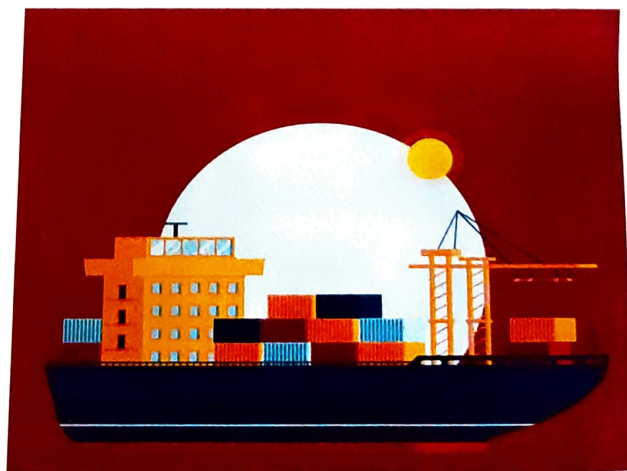
With a lot going for it, from brand power and deep pockets to near absence of a strong rival, Reliance Retail's Tira has just the right mix to capture the beauty and personal care market

44

Diving into India's Export Story

While manufacturing accounts for a larger share of exports than services in India, its slower growth might be an indicator of tough times ahead for the overall exports sector

38



Duplicate

Cooling India

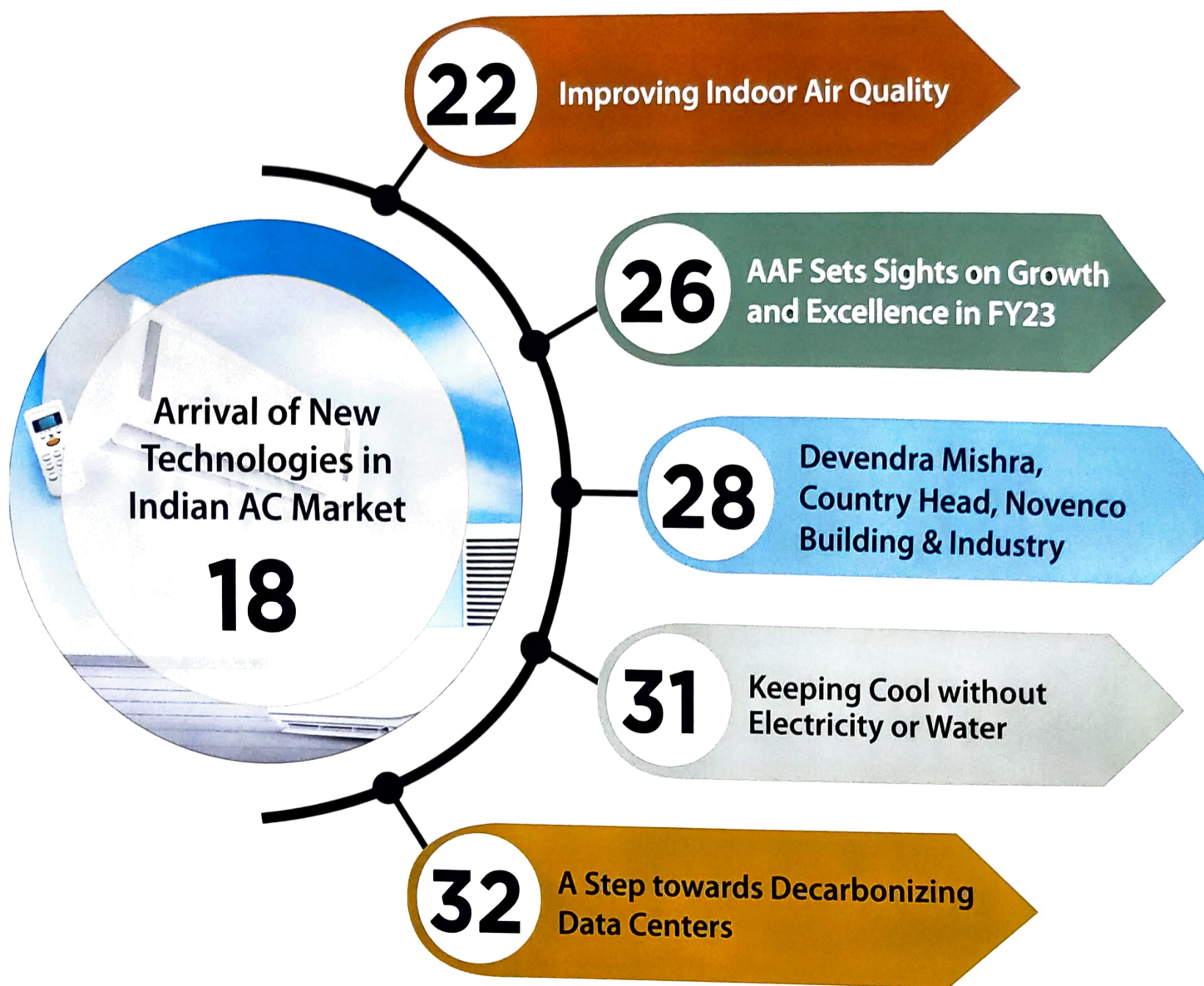
India's foremost Monthly dedicated to the growth of HVACR Industry

**ARRIVAL OF
NEW TECHNOLOGIES
IN INDIAN AC MARKET**



Contents

Vol. 18 No. 9 | April 2023



INSIDE

- 16** Dinesh Semwal: awarded as the Transformational Leader For the growth of the organization and the Indian economy
- 25** The new digital manifolds from Testo
- 36** Prevent ice formation in cold storages with Gandhi Automations' High-Speed Freezer Duo doors

SECTIONS

- 4** Publisher's Letter
- 8** News
- 14** Appointments
- 37** Advertisement Index
- 38** Event

AUTOCAR

INDIA

• Total pages 240 + 8-page Maruti Suzuki Grand Vitara supplement

VOL.24 NO.9 • May 2023



FIRST DRIVE

Maruti Suzuki Fronx

Stylish crossover brings back turbo power



FIRST LOOK

Citroën C3 Aircross

Seven-seat Creta rival coming this year

102-06-23

ALSO INSIDE

- » Merc-AMG GT E Performance
- » Gixxer SF 250 vs Pulsar F250
- » New Ducati Scrambler 2G
- » Sales Analysis: A record year

EV SPECIAL



GUINNESS WORLD RECORD!

1780km

in

24 hours

We smash the distance record on a **Vida V1 Pro**



BMW i7

All-electric tour de force



eC3 vs Tiago EV

Battery-powered bang for your buck



XUV400 vs Nexon EV

EV champ gets a proper rival

PLUS MG Comet » Porsche Taycan Turbo S » Nano EV
 » Switch BEST Bus » The complete guide to EV charging