





LRC TOC VOLUME UPDATE

December 2023 | Issue - 12

Documentation Service by LIBRARY & RESOURCE CENTRE (LRC) of JAIPURIA INSTITUTE OF MANAGEMENT NOIDA

### CONTENT

Name of the Journal	Month & Year	Vol./ Issue	Page No.
Abhigyan	July – September 2023	41/2	7 – 8
AIMS International Journal of Management	September 2023	17/3	9
Banking Finance	December 2023	36/ 12	10 – 11
Banking Finance	November 2023	36/ 11	12 – 13
Business Manager	December 2023	26/6	14 – 16
Business Today	11 – 24 December 2023	32/ 26	17 – 18
Business Today	27 Nov. – 10 Dec. 2023	32/ 25	19 – 20
BW Business World	16 December 2023	43/3	21 – 22
BW Business World	18 November 2023	43/ 2	23 – 24
BW Education	Nov. – Dec. 2023	-	25 – 27
Competition Success Review	January 2024	60/7	28 – 29
Dalal Street Investment Journal	18 – 31 December 2023	39/ 2	30 – 31
Dalal Street Investment Journal	04 – 17 December 2023	39/01	32 – 33
Dataquest	December 2023	40/12	34 – 36
Decision	September 2023	50/3	37 – 38

Decision	June 2023	50/ 2	39 – 40
Digit	December 2023	23/ 12	41 – 44
Down To Earth	16 – 31 December 2023	32/ 15	45 – 47
Down to Earth	01 – 15 December 2023	32/ 14	48 – 50
Down to Earth	16 – 30 November 2023	32/ 13	51 – 53
Economic & Political Weekly	16 December 2023	LVIII/ 50	54
Economic & Political Weekly	09 December 2023	LVIII/ 49	55
Economic & Political Weekly	02 December 2023	LVIII/ 48	56
Economic & Political Weekly	25 November 2023	LVIII/ 47	57
Economic & Political Weekly	11 & 18 November 2023	LVIII/ 45-46	58
<b>Education Post</b>	Sep. – Oct. 2023	11/2	59 – 60
Entrepreneur	December 2023	12/ 10	61 – 66
Forbes Asia	December 2023	19/9	67 – 69
Forbes Asia	November 2023	19/8	70 – 72
Forbes India	15 December 2023	15/ 26	73 – 75
Forbes India	Nov. – Dec. 2023	15/ 24	76 – 77
Fortune Asia	Dec. 2023 – Jan. 2024	188/3	78 – 80
Fortune India	December 2023	14/2	81 – 85

			00 00
Frontline	16 – 29 December 2023	40/ 25	86 – 87
Frontline	02 – 15 December 2023	40/ 24	88 – 89
IBMRD's Journal of Management and Research	September 2023	12/2	90
IBMRD's Journal of Management and Research	March 2023	12/1	91
Images Retail: Future of Businesses	December 2023	22/ 11	92 – 94
Indian Economy & Market	December 2023	8/6	95 – 96
Indian Journal of Economics & Business	January – June 2023	22/ 2	97 – 99
Journal of Supply Chain Management	December 2023	59/ 4	100
LBS Journal of Management & Research	2023	21/ 1	101 – 102
Library Herald	September 2023	61/3	103 – 105
MIT Sloan Management Review	Fall 2023	65/ 1	106 – 108
Mutual Fund Insight	January 2024	21/ 4	109 – 111
Nikkei Asia	18 – 24 December 2023	0/ 508	112 – 114
Nikkei Asia	11 – 17 December 2023	0/ 507	115 – 117
Nikkei Asia	04 – 10 December 2023	0/ 506	118 – 120
Open Source for You	December 2023	12/ 2	121 – 122
OPSEARCH: Journal of the Operational Research Society of India	Oct. – Dec. 2023	60/4	123 – 125
Outlook Business	December 2023	18/ 12	126 – 128

Outlook Money	December 2023	22/ 12	129 – 130
PC Quest	December 2023	36/ 12	131 – 133
PC Quest	November 2023	36/ 11	134 – 136
PRABANDHAN: Indian Journal of Management	November 2023	16/ 11	137
PRABANDHAN: Indian Journal of Management	October 2023	16/ 10	138
PRAJNAN: Journal of Social and Management Sciences	July – September 2023	LII/ 2	139
Pratiyogita Darpan (English)	January 2024	18/ 208	140
Reader's Digest	December 2023	64/ 12	141 – 143
Reserve Bank of India Bulletin	November 2023	77/ 11	144 – 145
SEBI and Corporate Laws – An Insolvency & Company Laws Fortnightly	16 – 31 December 2023	180/4	146 – 147
SEBI and Corporate Laws – An Insolvency & Company Laws Fortnightly	1 – 15 December 2023	180/3	148 – 149
The Caravan	December 2023	15/ 12	150 – 152
The Economist	23 Dec. 2023–05 Jan.	449/ 9377	153 – 155
The Economist	16 – 22 December 2023	449/ 9376	156 – 158
The Economist	09 – 15 December 2023	449/ 9375	159 – 161
The Economist	02 – 08 December 2023	449/ 9374	162 – 164
The Indian Banker	December 2023	XI/ 5	165 – 167
The Insurance Times	December 2023	43/12	168 - 169

The Insurance Times	November 2023	43/11	170 – 171
The IUP Journal of Business Strategy	September 2023	20/3	172
The IUP Journal of Organizational Behavior	October 2023	22/4	173
The Journal of Entrepreneurship	November 2023	32/ <b>2</b> S	174 – 176
The Management Accountant	November 2023	58/ 11	177 – 179
The Management Accountant	October 2023	58/ 10	180 – 182
The Management Accountant	September 2023	58/ 9	183 – 185
University News: A Weekly Journal of Higher Education	27 Nov. – 03 Dec. 2023	61/ 48	186
University News: A Weekly Journal of Higher Education	20 – 26 November 2023	61/47	187 – 189
University News: A Weekly Journal of Higher Education	13 – 19 November 2023	61/ 46	190
University News: A Weekly Journal of Higher Education	06 – 12 November 2023	61/ 45	191
Ushus Journal of Business Management	April – June 2023	22/ 2	192 – 193
Yojana (English)	December 2023	67/ 12	194 - 195



Print ISSN: 0970-2385

Electronic ISSN: 2583-1445

Volume 41 No. 2

July-Sep 2023



# Abhigyan Quest for Excellence



#### Abhigyān

#### MANAGEMENT JOURNAL FROM FORE

ACC-NO. J07876

Volume 41 No. 2 July-Sep 2023

#### Contents

#### From the Editorial Desk

Prof. Sourabh D. Kulkarni, Associate Editor, Abhigyan

#### **Original Articles**

An Exploratory Study on Employers' Perspective of Woman Unemployability in India

- Tanya Soin Gaurav

Impact of Behavioral Intention, Corporate Social Responsibility and Customer Satisfaction on Customer 19 Loyalty in the Hotel Sector

- Ranganathan Venkatesan

Exploring the Relationship between Spiritual Intelligence and Self-Efficacy for Developing a Holistic Approach among University Students

- Amita Jain

Examining Financial Market Spillover and Portfolio Diversification in India during the COVID-19 Pandemic

- Amar Rao

A Study on Assessing the Forecasting Performance of ARIMA and Regime Switching Model for AUM of Various Types of Mutual Funds in India

- Privank Kulshreshtha
- K. Santi Swarup
- Swami Prasad Saxena

#### **Book Scan**

Decoding the Indonesian Archipelago Views. Edited by Jitendra Kumar Das and Hitesh Arora, Bloomsbury, 2021.

Be a Winner- Negotiating Life's Conflicts-Get Set with Conflict Resolution Strategies to Win by A K Jagannathan, Mudranik Technologies Pvt Ltd, 2022.

33

44

66

83

84

## AIMS International Journal of Management

Joonas, Mahfouz, Patterson

Implementation of an Electronic Record System for Orlando Health

Sharma, Sharma

Retailer's Optimal Order Level for Deteriorating Items under the Effect of Preservation Technology and Inflation with Partial Trade Credit

Kalayci

Destroying Effects of Twin Earthquakes on the Economy and Agriculture in Turkey: Lessons of Japan

Hsu, Gibson, Darrat

**Examining the Impact of COVID-19 Anxieties on Consumer Perceptions and Patronage of Convenience Stores** 

Acc. No. J07865

Volume 17 Number 3 September 2023

**Editors** 

Omprakash K. Gupta Shivprakash Agrawal



A leading monthly journal on Banking & Finance

# Banking Finance



VOL. XXXVI - NO. 12 - December 2023 - ISSN-0917-4498

#### In this issue

Reboot of Customer Experience Trends in the Banking Industry 2023

New Dawn to Open Banking: **Embracing Digital Innovation in** Finance

**MSME Funding: A Different** Standpoint for Banks in India

**Empowering India's Artisans: PM** Vishwakarma Yojana

Harnessing technology for Credit Dispensation: Transforming the **Unorganized Sector** 

**Greenwashing - Hiding Truth Behind Green** 

Cross Selling in Banks





#### Join RMAI Online

Certificate Course on Risk Management Visit www.smartonlinecourse.co.in



"The unsecured loan segment's gross non-performing assets (NPAs) stand at a mere 0.69 per cent, and there are no worries regarding the bank's portfolio of unsecured loans."

#### Dinesh Khara Chairman

State Bank of India



"We have been lowering the amount of new slippage in non-performing assets for the past five quarters, it will be sustainable at less than 1% of advances."

#### Atul Kumar Goel

MD & CEO Punjab National Bank

### Contents



03 Editorial

05 Banking	3
------------	---

#### 08 RBI

- 11 Industry
- 17 Mutual Fund
- 19 Co-Operative Bank
- 20 Legal
- 22 Press Release

#### Features

- 51 The actual price of doing business internationally
- 52 LLPs are required to report to the RoC on the "Significant Beneficial Owner"
- 53 RBI Circular
- 55 Statistics

### Articles

- Reboot of Customer Experience Trends in the Banking Industry 2023

  Dhaval Kansara
- 28 New Dawn to Open Banking: Embracing Digital Innovation in Finance Lalit Kumar
- 32 MSME Funding: A Different Standpoint for Banks in India Dr. Deepak Kumar, Arbind Singh & Avijit Kumar Agnihotri
- 36 Empowering India's Artisans: PM Vishwakarma Yojana Ujjwal Kant
- 40 Harnessing technology for Credit Dispensation: Transforming the Unorganized Sector

  Ajay Panday
- 44 Greenwashing Hiding Truth Behind Green Piyush Kumar Jha
- 47 Cross Selling in Banks Sanjay M. Nafde

A leading monthly journal on Banking & Finance

# ₹ 100/-Finance



VOL. XXXVI - NO. 11 - November 2023 - ISSN-0917-4498

#### In this issue

Unlocking the Power of Social Learning: A Hidden Gem in **Corporate Training** 

The Rise of Voice-Based Payment Systems: A Convenient and Secure **Future** 

The Quantum Revolution in Finance: Banking on the Power of **Quantum Computing** 

**Public Tech Platform for** Frictionless & easy Credit Flow

Digital Rupee: A Currency Revolution for all??

An Open Call by RBI for Bank's to Settle Out "Wilful Defaults"

Changing Face of Agri banking





#### Join RMAI Online

Certificate Course on Risk Management Visit www.smartonlinecourse.co.in



"Buoyancy amongst public sector banks could be attributed to the massive clean-up of their balance sheet at the backdrop of IBC [Insolvency and Bankruptcy Code] in India."

Sandeep Upadhyay Managing Director and CEO Centrum Infrastructure Advisory



"Banks must ensure their employees understand that the primary responsibility is to serve a customers' financial needs, while maintaining a focus on targets."

Swaminathan J Deputy Governor Reserve Bank of India



### Contents



03 Editorial

- 05 Banking
- 08 RBI
- 12 Industry
- 16 Mutual Fund
- 19 Co-Operative Bank
- 20 Legal
- 22 Press Release

#### Features

- 46 Why there are so few women in banking
- 48 Making technology work for smaller banks
- 50 7 skills to beat stress
- 52 RBI Circular
- 55 Statistics

### Articles

- Unlocking the Power of Social Learning: A Hidden Gem in Corporate Training
  Vinoth Mani M
- 27 The Rise of Voice-Based Payment Systems: A Convenient and Secure Future

  Anish Shrimali
- The Quantum Revolution in Finance: Banking on the Power of Quantum Computing
  Nirooj Fidin
- Public Tech Pplatform for Frictionless & easy Credit Flow Ravi Mishra
- 36 Digital Rupee: A Currency Revolution for all??
  Neha Gaur
- An Open Call by RBI for Bank's to Settle Out "Wilful Defaults"

  A. K. Agnihotri
- 42 Changing Face of Agri banking Md Shahid Kabeer

# Business Manager

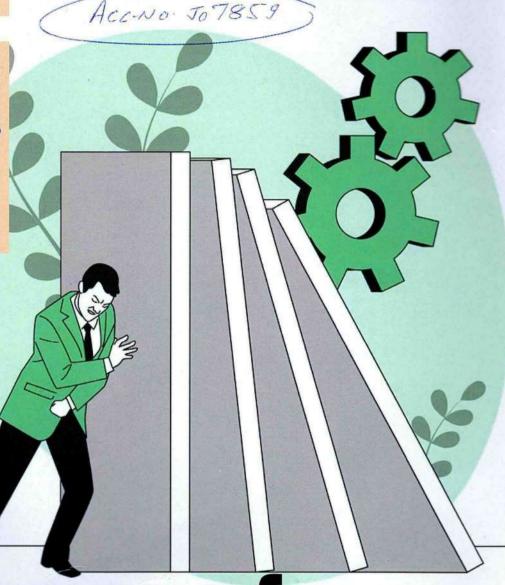
Vol. 26 No. 06 December, 2023 Single Copy Rs. 125/-

Making HR People Complete

SPECIAL FEATURE

# PoSH after 10 years

- Jayshree Dutt
- Alok Bhasin
- · Archana Balasubramanian
- · Dr. Aditi Kaushal Bhardwaj



# Managers of TOMORROW

**Cover Feature Experts:** 



05 Acc. No. 50785 & Response

06

From the Editor's Desk

07

Guest Column

Learning in a Holistic Manner: An Important Dimension of Life

By Dr. Vinayshil Gautam

08

HR News

10

**Event Report** 

DNA of Leadership program held in Delhi

11

**HR** Movement

13

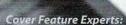
Building 'Positive' Workplaces

- Prisha Khanna & Dr. Garima Rajan









Sandeep Girotra | Rita Verma | Anupam Roop Rai | Anamika Gera | Rajiv Kumar | Madhukar V.

COVER FEATURE



Managers Must Embrace Adaptability as a Core Principle Sandeep Girotra



Managers Should be Brand Ambassadors of Organisation Rita Verma



Managers Would be Expected to be People Influencers Anupam Roop Rai



Foster a Culture of Continual Coaching Anamika Gera



Managers of Tomorrow Must Lead by Example Rajiv Kumar



Managers Must Open Themselves for Business Partnering Madhukar V.

43

Anil Kaushik Management Expert -HR & IR

From the COURT ROOM





Recent Important Labour Judgments

45

52



Industrial Relations -Evolution and Regulation in India

G.M. Saini

56



Impediments in Changes in Service Conditions: A Blessing in Disguise?

Vittala K. Rao

15

Focus on Genuine Networking

Pavithra Urs & Sanjeev Himachali



16



Talent Management 4.0 : A New Interface of Human and Machine

Dr. Sandeep Kumar Joshi

POSH after 10 years

18

10 Years of PoSH Law-SPECIAL REPORT

End is farsighted!

**Jayshree Dutt** 

20

Many organisations still Adopt a Half-Hearted Approach

**Alok Bhasin** 

22

Ten long years of PoSH - Safety or Inclusion? Or Both?

Archana Balasubramanian with Riddhi Dutta

25

Treat it as
Safeguard and
Not to Suppress Others

Dr. Aditi Kaushal Bhardwaj

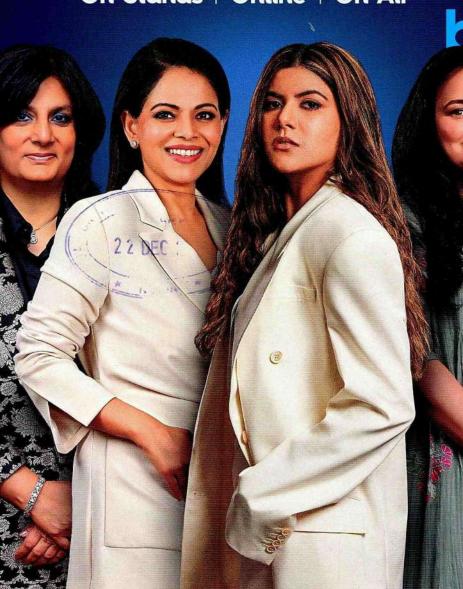


Accino To 7908

SUBSCRIBER'S COPY, NOT FOR RESALE

### **ECIALISSUE**

businesstoday.in
INCSS TOCAY
On Stands | Online | On Air



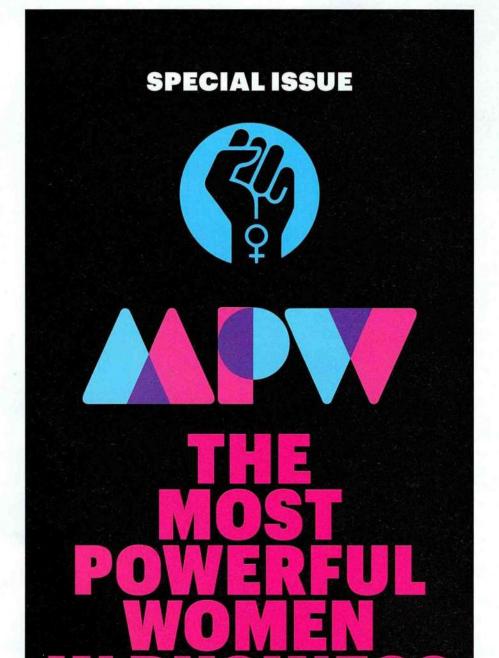
DEVIKA BULCHANDANI, GLOBAL CEO, OGILVY; NAMITA THAPAR, EXECUTIVE DIRECTOR, EMCURE PHARMACEUTICALS; ANANYA BIRLA, FOUNDER, SVATANTRA MICROFIN, AND SINGER; PRABHA NARASIMHAN, MD & CEO, COLGATE-PALMOLIVE (INDIA)

### CONTENTS

December 24, 2023 | Volume 32 | Number 26

#### 38 HALL OF FAME

Meet the women leaders who made it to the BT MPW Hall of Fame in 2023



COVER 1: BANDEEP SINGH, DIGITAL IMAGING BY AMARJIT SINGH NAGI, DEVIKA BULCHANDANI PHOTO BY GETTY IMAGES, NAMITA THAPAR PHOTO BY MANDAR DEODHAR, PRABHA NARASIMHAN PHOTO BY MILIND SHELTE; COVER 2: PHOTO BY MILIND SHELTE



Nayanthara, Actor & Entrepreneur

#### 50 DEBUTANTES

Pioneering women who are on the BT MPW list for the first time



Ashima Goyal, Member, RBI's Monetary Policy Committee

#### 62 REPEAT WINNERS FROM 2022

These incredible women have retained their places on the BT MPW list



Guneet Monga Kapoor, Producer and CEO, Sikhya Entertainment

#### 84 COMEBACKS

Stories of some of the remarkable women who have returned to the esteemed list this year

Ace NO JO7867

SUBSCRIBER'S COPY, NOT FOR RESALE

### SPECIAL ISSUE

Businesstoday.in
Businesstoday.in
Coday

December 10, 2023 ₹200

On Stands | Online | On Air



BT500
INDIA'S MOST
VALUABLE
COMPANIES

N. CHANDRASEKARAN CHAIRMAN, TATA SONS AND TCS; MUKESH AMBANI CHAIRMAN & MD, RIL; SANDEEP BAKHSHI MD & CEO, ICICI BANK

#### 14

**PHOTOGRAPHIK** 

#### A Cracker of a Year

Indian stock markets have witnessed spectacular fireworks in Samvat 2079 despite headwinds

16

POINT

#### **Going Strong**

For the fourth year in a row, BT500 companies sustained growth in their average market cap

20

THE BUZZ

#### **Food Bill**

The five-year extension of the PMGKAY may not impact the fiscal deficit target immediately



36

THE BT INTERVIEW

#### "The focus at NSE is back on governance"

Ashishkumar Chauhan, MD & CEO of NSE, talks about the economy, markets, DPI, and more



For the latest updates and analysis, log on to businesstoday.in



BT500 60

#### **Reliance Reimagined**

RIL continues to grow in its traditional and consumer-facing sectors, but its digital businesses, data capabilities, and connectivity will drive the next phase



BT500 64

#### **Braving the Challenges**

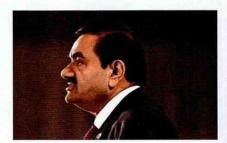
TCS has retained the second spot in the BT500 list. With a new leader, the IT behemoth is looking to ride out global headwinds and emerge stronger



BT500 70

#### **ICICI Bank's Meteoric Rise**

ICICI Bank, under Sandeep Bakhshi, has left behind bellwethers like HUL and Infosys to climb two positions on this year's BT500 list to break into the Top 5



BT500 76

#### The Aftershocks

Star performers in last year's BT500 study, most Adani Group firms have seen their rankings dip in the latest edition



BT500 82

#### **Challenges Aplenty**

L&T Infotech's engineering prowess and Mindtree's customer experience make for a formidable combination. But merged entity LTIMindtree still has room to grow



BT500 88

#### **Rapid Expansion**

By entering new territories, PepsiCo India bottling partner Varun Beverages has unleashed strong growth momentum

#### FOCUS / AnIMPACTFeature

From time to time, you will see pages titled "Focus", "An Impact Feature", or "Advertorial" in *Business Today*. These are no different from an advertisement and the magazine's editorial staff is not involved in their creation in any way.





SPECIAL DOUBLE GUJARAT CM BHUPENDRA PATEL

# BUSINESSWORLD



ACLN 507907

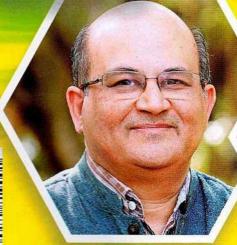




**B-SCHOOL SPECIAL** 



Directors of India's top B-schools on how disruptive technologies are reshaping the essence of management education





Clockwise, from top left: Debashis Chatteriee. Director, IIM Kozhikode; Vinita Sahay, Director, IIM Bodh Gaya; Himanshu Rai, Director, IIM Indore: Bharat Bhaskar. Director, IIM Ahmedabad: Rishikesha T. Krishnan, Director, IIM Bangalore; Vishal Talwar, Director, IMT Ghaziabad



# CONTENTS

■ VOLUME 43, ISSUE 03 € 04 ■ 16 DECEMBER 2023



Photograph by Lemono

#### 16 Jottings

Ensnared in the GST labyrinth; Aboard the success express; The \$4 trillion poser, and more

#### 20 Columns

Minhaz Merchant (p. 20); Kiran Karnik (p. 22); Vikas Singh (p. 26); Amit Kapoor & Hari Menon (p. 30); Amit Tiwari (p. 34); Prakash Iyer (p. 36); Krishan Kalra (p. 38); Srinath Sridharan (p. 228)

#### 44 Funding Woes

Indian tech startups have been hobbled by a sharp decline in funding this year. But the funding winter has been particularly severe on deeptech startups. What is the way out?

#### 50 In Conversation

Gujarat Chief Minister Bhupendra Patel on the Vibrant Gujarat Global Summit 2024,

why the state has an edge over other Indian states and much more

#### 64 Honouring A Legacy

A walk through the third Dr Pritam Singh Memorial Conference 2023 and what the B-school fraternity and corporate world had to say about the man by way of homage

#### **70** Degree Factories?

Srinath Sridharan on how a majority of B-schools today are nothing more than degree-factories churning out graduates with certificates but lacking in skills

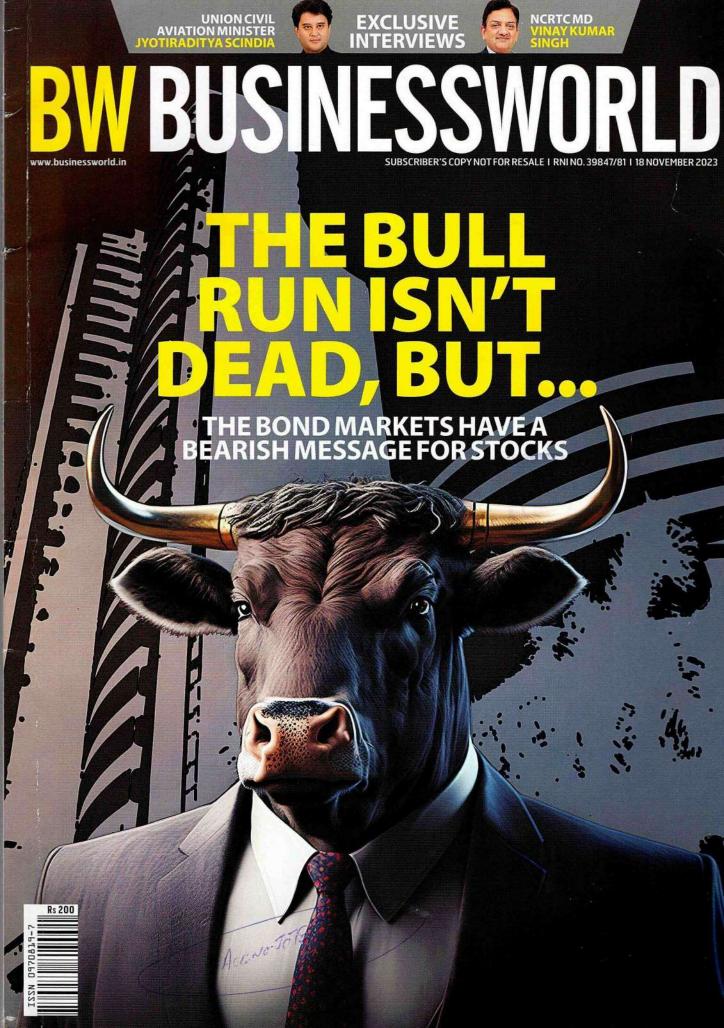
#### 74 Time For A Rethink

Corporate sector veteran and management thinker Shiv Shivakumar on why the MBA course needs to include creativity, a trait that is mostly missing in the current crop of MBAs

#### **Getting Ready** For Industry 5.0

An extensive look at the IIMs and how they have been jolted by the lurking spectre of Industry 5.0 that makes new demands on placement requirements

Cover design by DINESH S. BANDUNI



# CONTENTS

■ VOLUME 43, ISSUE 02 ■ 18 NOVEMBER 2023

#### 12 Jottings

State's budgeted capex to shoot up by 19%; Will gunfire destroy a peace path? Festive fervour in digital loans & Festivals of lights, and more

#### 16 Columns

Minhaz Merchant (p. 16); Vikas Singh (p. 18); Srinath Sridharan (p. 20); Kiran Karnik (p. 24); Krishan Kalra (p. 25) Srinath Sridharan & Steve Correa (p. 26); Prakash Iyer (p. 28); Amit Tiwari (p. 29); Amit Kapoor (p. 30); Srinath Sridharan (p. 34)

#### 36 Interview

Juergen Mueller, CTO and member of the Executive Board of SAP on what the developments in the Al space mean for them and more

#### **46** Minister Speaks

Union Civil Aviation Minister Jyotiraditya Scindia on the growth, development and expansion of India's aviation story

#### 50 The Telemedicine Saga

A look at whether telemedicine is plateauing as business model, its current potential and future prospects

#### 54 Interview

Vinay Kumar Singh, MD, NCRTC, which owns RapidX, on the urban transportation overhaul in India, the country's leadership in global railways infrastructure, and more

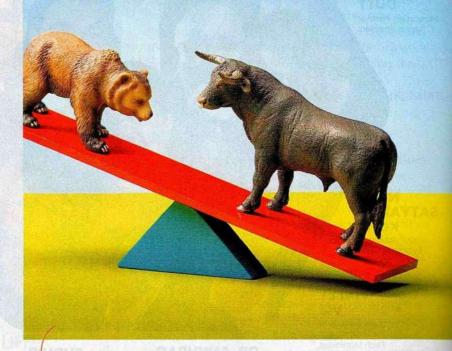
#### 72 In Conversation

Vishal Kapoor, CEO, EESL on the company's success in enhancing energy efficiency through diverse initiatives, reducing carbon emissions, and transforming sustainability across multiple sectors

#### 76 The Money Managers

A report on the BW CFO World Finance 40 Under 40 Awards that celebrates the outstanding achievements and contributions of finance stalwarts under the age of 40

### ON A SLOPE



#### Bulls Out Of Breadth?

The foreign portfolio investment inflows that have fuelled the bull-run in the Indian stock markets so far run the risk of running dry as a result of the fallout of geopolitical tensions

Cover design by SHIV KUMAR



## Class Apart





























































WHAT MAKES THESE SUPER 30 EDUCATION LEADERS THE TOP EDUCATION BRANDS OF THE COUNTRY IN 2023

### **BWEDUC TION**

NOV-DEC 2023



#### COVER STORY

#### **Top Education Brands** - Super 30

BW Education acknowledged and appreciated these 30 education leaders from the Top Education Brands of the country in 2023, who are making a difference to the sector with their unique contributions

**Opening Essay** 

Session Coverage















































LAW SCHOOL SPECIAL

**BW Legal World** announced Law School Rankings 2023 wherein the institutional excellence of top law schools of India was celebrated

How BW Education ranked law schools this year

#### Ranking of law institutions

An insight into some of the leading law schools of India and how they shape capable legal minds

#### **PERSPECTIVES**



Srikrishna Deva Rao Vice Chancellor, NALSAR University of Law, Hyderabad



**Nirmal Kanti** Chakrabarti Vice Chancellor, The West Bengal National University of Juridical Sciences, Kolkata



GS Bajpai Vice Chancellor. National Law University, Delhi



Shashikala Gurpur Dean, Symbiosis Law School, Pune



Rashmi Salpekar Dean, Vivekananda School of Law and Legal Studies, VIPS-TC, Delhi

#### ALSO



**Bindu Ajit** 

SS Easwaran

On the vision with which Biocon Academy was started and the acumen required for scientific research and industrial applications





Shashank Shah Swapnil Morande

As the global community strives to mitigate climate change, individuals and institutions need to play a significant role in this endeavour

#### REGULARS

10 NEWS UPDATES

13 CAMPUS UPDATES

118 BOOK REVIEW

Total no. of pages including covers 120 Covers design by Shivaji Sengupta

Super Bumper January 2024 Issue

COMPOCITION

\*130

success

version also available **review** 

Digital

# 2023 At A Glance

INDIA ★ WORLD ★ INDIAN ECONOMY ★ SPORTS



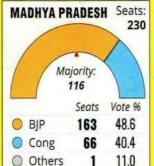
## IAS

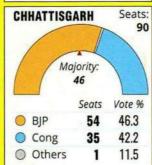
LATEST MOCK TESTS
From India's Top Institutes

Changing Geopolitics
Of Middle East



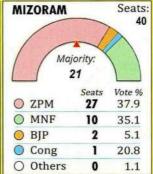
IAS Topper 2022-23 Talks To You Abhinav Siwach

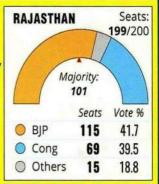


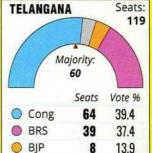


Source: ECI

### State Assembly Elections 2023







Others 8 9.3

KBKPollgraphics

Year Planner
To Achieve Your Goal

Silkyara Tunnel Disaster

India At COP28

**More Students Going Abroad** 

**Group Discussion** 

Facing The Interview Board

**▼**Forum | AS

TOP INSTITUTES
OF INDIA



RERIM Your Academic Home



IBA BANGALORE - www.iba.ac.in

### CISIR

#### **EDITORIAL**

To Know Is To Win ...8

#### ANALYSIS OF CURRENT ISSUES

State Assembly Elections 2023

BJP's Resounding Triple Victory ...10 COP28: Modi-led India Stands

By Principled Climate Policy ...13

Silkyara Tunnel Disaster:

The Great Rescue Act ...15

More And More Indian

Students Going Abroad ...16

#### BURNING TOPICS

#### **CURRENT EVENTS OF NATIONAL &** INTERNATIONAL IMPORTANCE

India ...19

The World ...25

Indian Economy ...30

Persons In News ...202

#### CIVIL SERVICES SPECIAL

Changing Geopolitics Of Middle East ...35

—Prof. V.P. Gupta, Rau's IAS Study Circle
IAS Topper 2022-23 Talks To You

—Abhinav Siwach, 12th Rank ...196

LATEST MOCK TESTS FROM INDIA'S TOP INSTITUTES

Rau's IAS Study Circle ...85

ForumIAS ...96

Khan Study Group ...111

SPECIAL FEATURE 2023 AT A GLANCE

India ...43; World ...143

Indian Economy ...159; Sports ...169

#### GROUP DISCUSSION

Israel-Hamas War

-By Wing Commander Dinesh Mathur ...37

#### SUCCESS IN INTERVIEWS

Facing The Interview Board ...40

#### CSR ESSAY CONTESTS

Organic Farming ...63

Recycling ...64

If You Think You Can, You Can ...66

Essays Announcement ...68

#### TOP INSTITUTES OF INDIA

Education Is The Harbinger Of Change ...75

Top Institutes Of India ...128

#### SOLVED QUESTION PAPERS

SSC Combined Graduate Level Exam ...139

100 Expected Questions OGK ... 180

Management Aptitude Test ...185

#### SPORTS

Sports Plus ...189

ODI World Cup 2023 ...198

#### OTHER FEATURES

Constitution Of India ...69

Indian National Movement ...71

BBC: Mastermind India ...74

CSR Year Planner 2024 ...102

UPSC Calendar For Examinations 2024 ...192

Forthcoming Exams ...193

Word Power ...194

Improve Your Personality ...195 Calendar 2024 ...199

Miss Universe 2023 ...201



State Assembly Elections 2023 : p. 10



ODI World Cup 2023 : p. 198



Miss Universe 2023: p. 201



Latest Mock Tests From India's Top Institutes: p. 83

INDIA'S NO.1 INVESTMENT MAGAZINE SINCE 1986

# DAL SILENIEN GURNAL

DEMOCRATIZING WEALTH CREATION

Dec 18 - 31, 2023 ■ Pages 100 ■ www.dsij.in ₹150

**Cover Story** 

Is The Adani Group Rally Sustainable?

INSIDE

& Sectoral Review







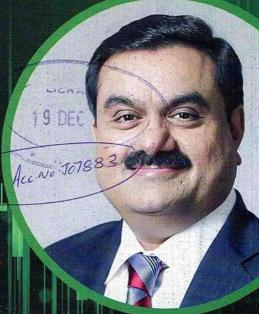












Analysis

**ITD Cementation India Limited** 

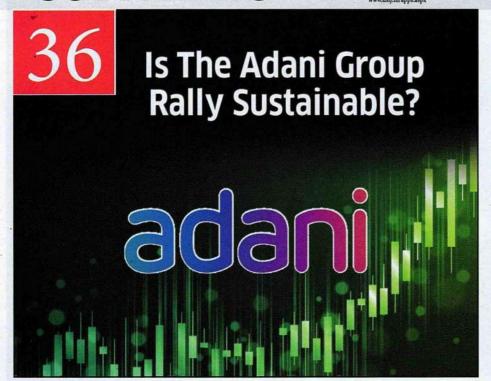


Vol. 39 No. 02

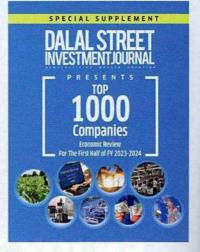
### **CONTENTS**







31



Recommendations

10

12

Choice Scrip Low Priced Scrip

**Hot Chips** 

22 Analysis

ITD Cementation India Limited

Cementing A Bright Future



24 Interview

R Venkataraman

Chairman, IIFL Securities

Expect Nifty To Reach 21,500 Level till the Budget



#### Regulars

- 06 Editor's Keyboard
- 07 Company Index
- 08 Market Watch
- 16 Technicals
- 82 QueryBoard
- 84 Reviews
- 35 Kerbside

Subscribers can access the complete databank consisting of more than 3500 companies on our website www.DSIJ.in

Communication Feature sections are advertorials provided by the company & carried on "as is" basis.

# DALAL STREET INVESTMENTJOURNAL

DEMOCRATIZING

WEALTH C

CREATION

**Cover Story** 

Dec 04 - 17, 2023 ■ Pages 68 ■ www.dsij.in ₹150

Analysis
Solar Industries India

Special Feature
Information Technology

Election Impact on Markets

GENERAL ELECTION 2024

05 DEC 213

Special Report
Derivatives Trading:

Is The Risk Worth The Gain?

Sing \$ 10.60 Euro € 6.13

5.05



Special Report

Microfinance Sector Emerging
As A Transformative Force

## **CONTENTS**

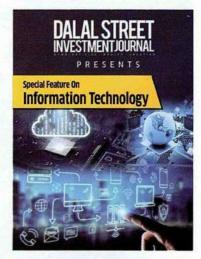
Scan to read on app



Vol. 39 No. 01 • DEC 04 - 17, 2023

### **Election Impact** on Markets





**Analysis** 

Solar Industries India

**Expecting Explosive** Growth



25 Special Report

**Microfinance Sector Emerging As A Transformative Force** 



**Special Report** 

Derivatives Trading: Is The Risk Worth The Gain?



#### Regulars

- 06 Editor's Keyboard
- 07 Company Index
- 08 Market Watch
- 16 **Technicals**
- 45 Commodity Market Watch
- 46 Global Market Watch
- 47 QueryBoard
- 50 Reviews
- Kerbside

Subscribers can access the complete databank consisting of more than 3500 companies on our website www.DSIJ.in

Communication Feature sections are advertorials provided by the company & carried on "as is" basis.



NAVIGATING CHALLENGES IN PIONEERING TECHNOLOGIES p. 60



INNOVATION
IN ACTION IIT GANDHINAGAR'S
RESEARCH FRONTIER p. 64



NEED FOR ROBUST POLICIES & ADVANCED DEFENSES AGAINST AI-POWERED THREATS p. 86

₹200

VOL XXXIX No 12 | DECEMBER, 2023





#### INDIA CAN LEAPFROG THANKS TO THE TECH REVOLUTION

—S. Krishnan, Secretary (Electronics & Information Technology), MeitY



#### INDIA'S DIGITAL FUTURE: Empowering Through Skilling

Rajesh Nambiar, CMD,Cognizant India &Chairperson, nasscom



PUT AI'S BENEFITS &
TOOLS IN PEOPLE'S HANDS
EVERY DAY

—Jeff Papows, CEO, ShopAdvisor (Former President, Lotus)

DATAQUEST DATAQUEST-CMR DIGITAL INDEX SURVEY 2023

# TECH INTEGRATION RESHAPING SCHOOL PEDAGOGY

Allows for a more personalized and flexible learning experience through a combination of mixed and virtual learning

CHECK OUT THE COMPLETE DIGITAL INDEX RANKINGS OF ENGINEERING COLLEGES 2023



## CONENTS

28 COVER STORY

DATAQUEST DATAQUEST-CMR DIGITAL INDEX SURVEY 2023

# SCHOOL 2 0 2 3

TECH INTEGRATION RESHAPING PEDAGOGY

Allows for a more personalized and flexible learning experience through a combination of mixed and virtual learning

CHECK OUT THE COMPLETE DIGITAL INDEX RANKINGS
OF ENGINEERING COLLEGES 2023

#### COVER STORY

60



Navigating challenges in pioneering technologies PROF LAXMIDHAR BEHERA Director, IIT Mandi



Innovation in Action - IIT Gandhinagar's Research Frontier RAJAT MOONA

Director, Indian Institute of Technology (IIT) Gandhinagar

#### #DQ40YEARS

10 India can leapfrog thanks to the tech revolution





16 Empowering through skilling: India's lead to the Digital Future

RAJESH NAMBIAR CMD, Cognizant India and Chairperson, nasscom



20 We need to take Al, it's benefits and find the tools to put in people's hands every day

> JEFF PAPOWS CEO, ShopAdvisor



24 My Dataquest journey: The early years of Indian IT

#### TALKING POINT



THE FUTURE OF LENDING-INFORMATION (NOT PHYSICAL) COLLATERAL

**ABHISHEK SHARMA** Chief Digital Officer, L&T Finance



WE ARE STILL SCRAPING THE SURFACE OF FINTECH

PANKAJ GOEL Chief Technology Officer, BharatPe



RENEWABLE ENERGY AND IT-A TWO-WAY GRID

BARBARA GREGOR Chief Finance Officer - SMA Solar Technology AG



NEED FOR ROBUST **POLICIES & ADVANCED** DEFENSES AGAINST AI-POWERED THREATS

**APURVA DALAL** CISO, Adani Green Energy Ltd

#### REGULAR

06 DQ Team

08 Edit

Volume 50 · Number 3 · S

50

Celebrati 50th Volui

# DECISION Indian Institute of Management Calcutta

Acano. J07936



# Decision

# **Indian Institute of Management Calcutta**

Volume 50 · Number 3 · September 2023

**EDITORIAL** 

**Editorial** 

P. Seetharaman 269

RESEARCH ARTICLE

Evaluating the trustworthiness of employees: are choices made as actors perceived as a more reliable signal of trustworthiness?

K.-S. Ch'ng · S. Narayanan 271

SYNTHESIS, REVIEW AND CURATIONS

Do board and audit governance matters for insurer performance? A meta-analytical review

B. Goyal · R. Gulati 285

RESEARCH ARTICLES

Returning to the workplace after COVID-19: determinants of employee preferences for working onsite versus working from home in generation Y T. Hampel · N. Hampel 321

Participation in health insurance and changes in the well-being status of co-operative members in Tanzania

P.G. Nzowa · F.A. Nandonde · S.M.L. Seimu 333

Continuous literacy programs: case for mobile based financial literacy solution

L. Gunupudi · K. Dharmarajan 349

POINT - COUNTERPOINT

Indigenous Indian management

R. Venkateswaran 363

Undoing the enduring colonial influence of Weber's racist perspective on India

A.K. Ojha 367

Indigenous Indian management (IIM): constructs, models, theories, and methodologies

D.P.S. Bhawuk 373

Research in Indian management: prospects and challenges

A. Pandey 379

The context for an indigenous approach to management

B. Mahadevan 385

Questioning indigenous management

N. Srinivas 391

Makataong pamamahala (person-centered management): Toward indigenizing Filipino management research and practice in the Philippines

B.L. Teehankee 397

Further articles can be found at http://link.springer.com/journal/40622

Indexed in Google Scholar, EBSCO, ProQuest, CSA Environmental Sciences, OCLC, Summon by Serial Solutions

**Instructions for Authors** for *Decision* are available at http://www.springer.com/40622

Volume 50 · Numbe

50 Celebrati 50th Volum

# DECSSION Indian Institute of Management Calcutta

ACCNO J07935



# Decision

# **Indian Institute of Management Calcutta**

Volume 50 · Number 2 · June 2023

**EDITORIAL** 

**Editorial** 

P. Seetharaman 141

RESEARCH ARTICLES

The effect of trait-state anxiety on choice overload: the mediating role of choice difficulty

X. Hu · O. Turel · W. Chen · J. Shi · Q. He 143

Do coopetition and cohesion of business groups stimulate their innovation performance?

W. Mierzejewska · M. Aluchna · E. Tomczyk 153

The determinants of board size in Italian State-owned enterprises operating in water industry

C. Cersosimo 169

Mediating effect of decision-making between the scientific council and the efficiency of public higher education institutions: case of the University of Sfax W. Ben Fradj Nasrallah · G. Zouari 183

Crowd-sourced idea filtering with Bag of Lemons: the impact of the token budget size
G. Lukumon · M. Klein 205

Mapping consumers' semi-conscious decisions with the use of ZMET in a retail market setup S. Chatterjee · P. Bryla 221

A survey on willingness-to-pay for food quality and safety cues on packaging of meat: a case of Poland

A. Walaszczyk · A. Kowalska · I. Staniec 233

SYNTHESIS, REVIEW AND CURATIONS

Implications of (un)awareness for decision-making in strategic interaction: another take on the Prisoner's dilemma

K. Kostelić 251

Further articles can be found at http://link.springer.com/journal/40622

Indexed in Google Scholar, EBSCO, ProQuest, CSA Environmental Sciences, OCLC, Summon by Serial Solutions

**Instructions for Authors** for *Decision* are available at http://www.springer.com/40622



YOUR TECHNOLOGY NAVIGATOR | WWW.DIGIT.IN | VOL 23 ISSUE 12 | DECEMBER 2023



# BEST BUY AWARDS 2023

India's only rigorous testing-based performance awards for gadgets since 2001



digit ZERO1 AWARDS 2023 digit BEST BUY

2023



Get a quick look at what you can expect in the magazine this month.

> Access eDVD at dgit.in/edvd

Experience

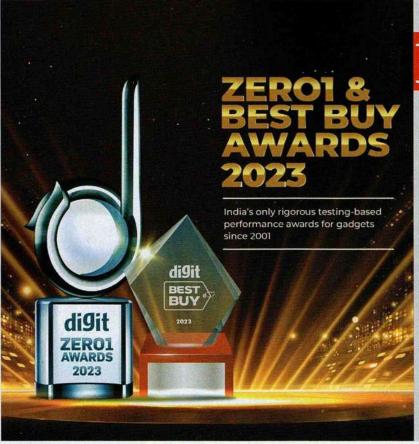
Sennheiser AMBEO Soundbar Plus, EPOS Adapt 360

Space Age 2023: The year in space

Boo-Man Tech in 2023

# digit ONIENIS

DECEMBER 2023 • VOLUME 23 • ISSUE 12



32

**COVER FEATURE** 

# Digit Zero1 and Best Buy Awards 2023

India's only rigorous testing-based performance awards for gadgets running since 2001 are back!

# **UPDATE**

# 12 Hardware

New launches, new models, new gadgets... all covered here!

# 20 Services

What are service providing companies up to?

# 24 People

We look at what transpired in the news around the whole OpenAI saga

# **TEST**

# 26 | Experience

Our expert reviewers share their views on off-beat products!
This month they wrote about Sennheiser AMBEO Soundbar
Plus and the EPOS Adapt 360
headphones

# 30 | Digit Diary

Shenanigans as they unfold at Digit offices in Mumbai and Noida. And this month there was Zero1. So...

# R&D

# 67 Insight

We went to InfoComm India 2023 and spoke to industry experts to bring you the latest insights from the world of audio and networking tech

# 74 Industry connect

We spoke to Mr Damyant Singh Kanoria of Oppo to understand their journey of making foldable smartphones

...and more



# **Experience**

Have a look at what our reviewers had to say about the EPOS Adapt 360

# Sapce Age

We look back at some of the most astonishing news from the world of space science and





# H4rdW4r3

SKOAR! Overlord reviews the ASUS **ROG AZOTH Gaming** Keuboard

# LEARN

# 80 Tips and Tricks

Agent001 brings you the best tips and tricks to help you make the most of your AI enabled cameras

# 82 Teardown

We bring to you a comprehensive guide to tear down your tech. Properly so that you do not brick it and have to get a replacement. Do it on your own!

...and more

# **PLAY**

# 84 Boo-Man

Our resident complainer shares his thoughts on 2023's tech news

...and more

# **SKOAR!**

# 102 KUVAH

We bring you the 2023 SKOAR! Community Game of the Year!

..and more



# ON THE eDVD

### TEST

# Some of the latest Distros for you to try-

- SparkyLinux
- Alpine Linux
- Zorin OS

Open-source

# ...and more

coding tools A selection of opensource tools that will help you get started on your coding

- iourney -AngularJS
- Atom
- Azure
- Bit bucket
- ...and more

# Essentials

- Deluge
- Discord
- EasyBCD
- FFmpeg
- File Splitter and Joiner
- Firefox
- Foxit Reader
- Free Download Manager
- Free OCR
- Handbrake

- HDD Low Level Format Tool
- IrfanView
- K-Lite Codec Pack
- LibreOffice
- Mouse Recorder

Premium

...and more

# RED

# Lectures

Some interesting lectures and informative videos by some of the best researchers from the world of science and technology

## LEARN

Watch and learn... It's that simple. Added entertainment? Well, we've got you covered!

# PLAY

Bored of your recommendations? Here's some interesting geeky content to keep you engaged through the day.



# REWIN2023

RELIVE RELEARN | REDISCOVER | REFLECT | REJOICE





COP28 CLIMATE SUMMIT **Activating loss and** damage fund not enough

P12

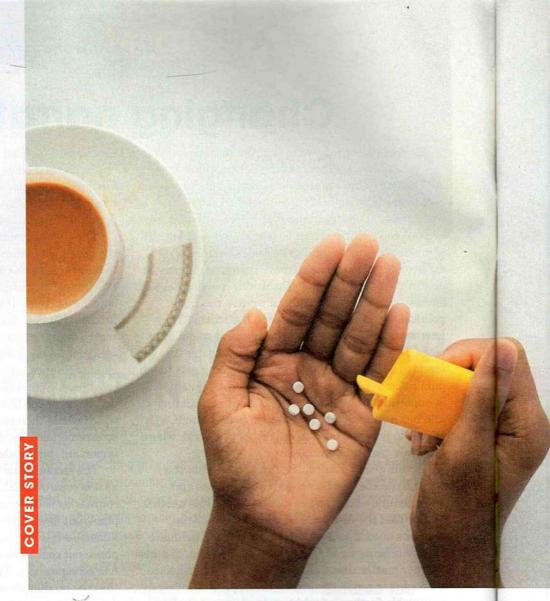
VEHICULAR POLLUTION **Ample evidence** linking noxious air to cancer in children

P50

ACC.NO. JO 7918

# LETHAL PROXIES

WHO's labelling of aspartame as a possible carcinogen puts focus on potential health hazards of all sugar substitutes



20

The World Health Organization and latest scientific research increasingly point at health hazards of sugar substitutes

- Digest COP28 moves on Loss and Damage Fund, slow in adaptation discussions
- Lantana eradication
  Villages in Madhya Pradesh strive to
  clear land of the invasive shrub
- 37 Zanzibar
  Warmer oceans prompt a transition
  from seaweed to sponge farming
- Patently absurd
  India's patent filings soar, but what of its technological advancements?



- Review
  The Railway Menfalters in its telling of the 1984 Bhopal gas tragedy
- 58 Civil Lines
  Childhood poverty widely prevalent across countries

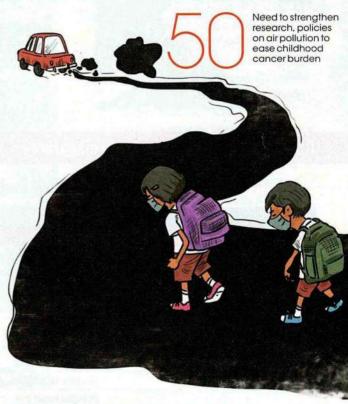
| Cover illustration: Ritika Bohra

# Contents

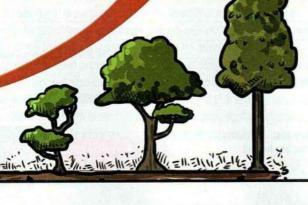


Recent decrease in sulphur dioxide emissions likely had an adverse climate impact

44



To calculate the Gross Environment Product, gauge the health of its four ecological pillars



Onion flower stalks provide a mild yet distinct flavour to dishes



# 1-15 DECEMBER, 2023 COMMISSION OF DEVELOPMENT, ENVIRONMENT AND HEALTH Subscriber copy, not for resale \$80.00

# CAPILVE GAPILVE GE LALER AIR

AIR POLLUTION
IS ONE OF THE
BIGGEST
REASONS
FOR CHILD
MORTALITY IN
INDIA

Acc. No. Jo 7880

# **DownTo Earth**

Founded in 1992 to arm you with knowledge critical to shaping a better world

FOUNDER EDITOR Anil Agarwal

**EDITOR** Sunita Narain

**MANAGING EDITOR Richard Mahapatra** 

**CHIEF COPY EDITOR** Snigdha Das

ASSOCIATE EDITORS Aditya Misra, Rajit Sengupta

SENIOR CREATIVE DIRECTOR Ajit Bajaj

SUPPLEMENT EDITOR Souparno Banerjee

**CHIEF CARTOONIST Sorit Gupto** 

REPORTING TEAM Shagun, Akshit Sangomla, Pulaha Roy, Rohini Krishnamurthy, Zumbish, Seema Prasad, Himanshu N

SUR FOITOP Dakshigni Palicha

**WEB EDITORS** Rajat Ghai, Preetha Banerjee, Nandita Banerji

**DESIGNTEAM** Chaitanya Chandan (Art Editor), Ritika Bohra (Assistant Art Editor), Tarun Sehgal (Senior Designer), Yogendra Anand (Illustrator), Shri Krishan

**PHOTO EDITOR Vikas Choudhary** 

PRODUCTION Rakesh Shrivastava, Gundhar Das

TECH SUPPORT Rajendra Rawat, Jaidev Sharma

MULTIMEDIA Joel Michael, Sunny Gautam, Midhun Vijayan

INFORMATION AND RESEARCH SUPPORT

Kiran Pandey, Susan Chacko, Madhumita Paul, Sheeja Nair, Lalit Maurya, Dayanidhi Mishra

CONSULTING EDITORS Anumita Roychowdhury, Vibha Varshney

## Vol 32, No 14; Total No of Pages: 60

Editorial, subscriptions and advertisements: Society for Environmental Communications, 41, Tughlakabad Institutional Area, New Delhi 110 062,

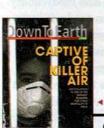
Phone: 91-11-40616000, 29955124, 29956110, 29956394, 29956399 | Fax: 91-11-29955879. Email: editor@downtoearth.org.in

© 2023 Society for Environmental Communications. All rights reserved throughout the world. Reproduction in any manner is prohibited. Printed and published by Richard Mahapatra on behalf of Society for Environmental Communications. Printed at Viba Press Pvt.Ltd., C-66/3, Okhla Industrial Area, Phase-II, New Delhi-110020 and published at 41, Tughlakabad Institutional Area, New Delhi 110 062.

To subscribe, sms'dte Subscribe' to 56070 or visit www.downtoearth.org.in/subscribe

FOR ADVERTISEMENTS Jyofi Ghosh jghosh@cseindia.org

FOR SUBSCRIPTIONS
K C R Raja, raja@cseindia.org



T amorimud un

Cover design: Ajit Bajaj



STO

23

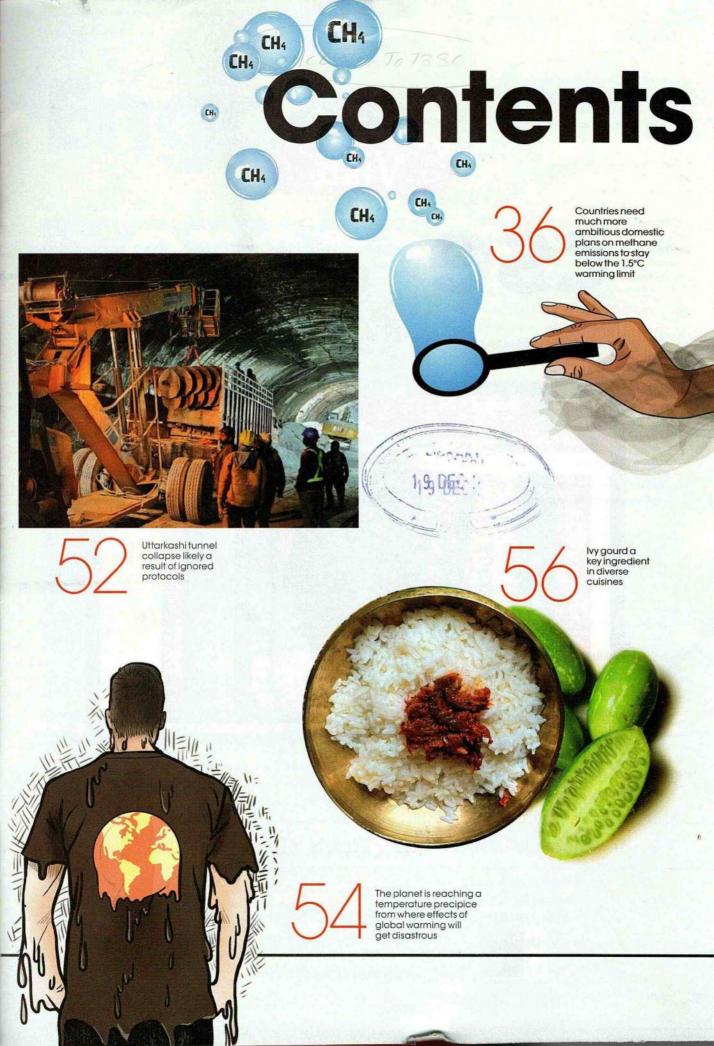
6

Air pollution an all-pervasive threat, with young children being the most susceptible to the menace

- Digest
  A technology to predict pest attacks
  through thermal imaging
- | Soil | Poor farmland health linked to | malnourishment in children
- Poultry
  India's import duty cut on frozen duck,
  turkey worries domestic producers
- 20 Plastic pollution No consensus at global meet to frame mechanism to end plastic pollution
- Patently absurd
  Firms, investors pour money to develop cannabis-based drugs
- 48 Debate

  Mock meat, plant-based alternatives here to stay?
- 58 Civil Lines
  Impacts of a globalised health
  crisis in an interdependent world





# 16-30 NOVEMBER, 2023 16-30 NOVEMBER, 2023 16-30 NOVEMBER, 2023

FORTNIGHTLY ON POLITICS OF DEVELOPMENT, ENVIRONMENT AND HEALTH

Subscriber copy, not for resale

₹80.00

ACCNO 507830



# ALMAZON PARCHED

Severe droughts have pushed the raintorests closer to a tipping point that will have global consequences

# GM FOODS

No data on presence of genetically modified fruit and vegetables in India's imports

# LIVESTOCK

A return to indigenous breeds could help India's dairy sector stay profitable

P42



26

The ongoing drought in the Amazon is a warning sign that the world's largest rainforests are reaching an irreversible tipping point

- Digest
  A journalist who enables tribal women in Odisha to tell their stories
- Coal mining Inordinate delays in land compensation in Jharkhand
- Adaptation gap
  Developing countries underfinanced,
  underprepared for climate change



- Patently absurd
  Big Pharma sees a dip in
  profits after pandemic highs
- Interview
  Rich countries must reduce intake
  of animal-source foods for climate
- Civil Lines
  Why India should worry about the spike in self-employed population

Contents



India clueless whether genetically modified fruits, vegetables are being imported 6



India should upgrade to wastewater treatment technologies that meet local requirements 53



Indigenous cattle prove more adaptable to diseases, climate challenges





It's time to banish the fears around khesari dal and relish the legume

**DECEMBER 16, 2023** 

# Economic&PoliticalWEEKLY

A SAMEEKSHA TRUST PUBLICATION

Acc. No. Jo 7932



# **EDITORIALS**

- The UNSC Resolution and Israel's US-granted Impunity
- A Grim Portrait of Crimes and Deaths in India

# HT PAREKH FINANCE COLUMN

RBI Sharpens Its Focus on Bank Boards

# COMMENTARY

- Financial Health of the Indian Corporate Sector
- 'Nukes-for-Climate Swap Agreement'
- The Tax State and the Conundrums of Public Budgeting
- Whither Justice? The Unfulfilled Promise of the Forest Rights Act
- Tel Aviv, October-November 2023

# **BOOK REVIEWS**

- A World without War: The History, Politics and Resolution of Conflict
- These Seats Are Reserved: Caste, Quotas and the Constitution of India

# **PERSPECTIVES**

 Socio-economic Correlates of Early Marriage of the Girl Child: Empirical Evidence from India

# SPECIAL ARTICLES

- India's Human Development Index: An Analysis of the Post-reform Story
- Why Economic Reforms Produced Different Outcomes in China and India
- Movement of Remunerations in Business Group Firms vis-à-vis Stand-alone Firms during Adverse Conditions

# **CURRENT STATISTICS**

# POSTSCRIPT

# **Post-reform Human Development**

The reduced social sector expenditure of the states as a share of GSDP during 2005–18 compared to the pre-FRBM regime may be considered a significant factor in slowing down the speed of convergence of HDI in India. page 44

# **An Israeli Voice for Justice and Peace**

The only way to move forward is not through more killing but seeking a political settlement based on ending the Israeli occupation and on mutual recognition between Israel and Palestine. page 28

# **Divergent Outcomes of Reforms**

Continued important roles in China for the public sector and the government, particularly in matters of planning and policy coordination, contrast with India's over-reliance on market and private investment in the post-reform period. page 53

# 'Nukes-for-Climate Swap Agreement'

The essence of the proposed agreement is to redirect financial and intellectual resources from the construction and maintenance of nuclear weapons towards combating climate change. page 18

# **Making Bank Boards Effective**

The RBI will have to think of ways of getting independent directors to exercise the necessary independence. page 10

DECEMBER 9, 2023

# Economic&PoliticalWEEKLY

www.epw.in

A SAMEEKSHA TRUST PUBLICATION

Acc-No. Jo 7905



# **EDITORIALS**

- Framework Convention on International Tax Cooperation
- Assembly Elections: Politics of the Ruling and Opposition Parties

# **ALTERNATIVE STANDPOINT**

Caste Inequalities in Contemporary Assam

# COMMENTARY

- All Is Not Well in the Sixth Schedule: A Reaction to the Demand for the Sixth Schedule in Ladakh
- Alarm Bells for Maharashtra's Health System
- Building a Holistic Innovation Ecosystem:
   The Role of Kerala Development and Innovation Strategic Council
   And more ...

# **BOOK REVIEWS**

- Marginalized Communities and Decentralized Institutions in India: An Exclusion and Inclusion Perspective
- Disciplines and Movements: Conversations between India and the German-speaking World

# **PERSPECTIVES**

 Stability, Counter-revolution, and the International Order in Sri Lanka

# SPECIAL ARTICLES

- Urbanicity and Health: Prevalence of NCDs by Size-Class of Urban Settlements
- Concentration, Competition and Soundness of the Banking System in India
- Aspirations, Agency, and Frustrated Freedom among Muslim 'Middle-class' Youth in Jamia Nagar

# **CURRENT STATISTICS**

# A Case of 'Frustrated Freedom'

Social networks, though not entirely missing for Muslim youth in Jamia Nagar, function in a manner that clusters them around self-employment which is highly contested and selects those with resources and strong ties. page 64

# **Health System Crisis in Maharashtra**

Hospital deaths in Nanded should prove to be an urgent wake-up alarm for the health system in Maharashtra, as it is not an isolated incidence but rather a manifestation of the multidimensional health system crisis. page 17

# **Unresolved Sri Lankan Crisis**

As the regime waxes eloquent about democracy while addressing high-level diplomatic forums, it legitimises the suppression of dissent based on the need for macroeconomic stabilisation, despite growing public frustration with austerity. page 40

# **Demand for Sixth Schedule Status**

The trade-off between financial autonomy and environmental sustainability could be an eventual issue for Ladakh, even after achieving greater autonomy under the Sixth Schedule. page 14

# State of the Railway Safety

The step to outsource track maintenance work is purely an ad hoc measure and not a step towards ensuring a better accountable system for safer operations. page 25

www.epw.in

# Economic&PoliticalWEEKLY

SAMFEKSHA TRUST PUBLICATION

Acc. NO. J. 7890



# **EDITORIALS**

- Governors and Their Constitutional Remit
- Criticality of Climate Finance

# STRATEGIC AFFAIRS

Israel's War on Gaza

# COMMENTARY

- The Role of Informality in Moderating the Impact of Adverse Macroeconomic Shocks
- Electoral Contests in MP, Chhattisgarh, and Rajasthan: A Tale of Three Figures
- Wagf Laws in India
- Sexual Harassment in Indian Sports
- Kerala's Unprecedented Fiscal Crisis and the State Budget of 2023-24

# **BOOK REVIEWS**

- CEO: Chess Master or Gardener? How Game-Changing HR Reforms Created a New Future for Bank of Baroda
- Body on the Barricades: Life, Art, and Resistance in Contemporary India

# **PERSPECTIVES**

Maistry System in Burma: Indentured Servitude and Modern Slavery

# SPECIAL ARTICLES

- Impact of Political Regime and Ideology on Renewable Energy Installations in India
- Foreign Trade Policy 2023: Ifs, Buts, and Nots
- Cash and In-kind Transfers in India

# DISCUSSION

No Endosulfan-related Health Challenges in Kasaragod: A Response

# **CURRENT STATISTICS**

## POSTSCRIPT

# Palestine on the Global Map

The joint uncoordinated forces of the global solidarity street, multipolar geopolitics that challenge hegemony, and regional diplomacy may see a push for a process of succour for the Palestinian people. page 10

# Fiscal Crisis in Kerala

Along with the state government's efforts to address its failures in expenditure control and resource mobilisation, more state-friendly union-state federal relations are also needed to address the crisis. page 27

# Indentured Servitude in Burma

The trend of Indian labourers in the colonial economy seeking opportunities abroad to improve their prospects and avoid caste-based discrimination aided the rise of the maistry system, inadvertently perpetuating a modern form of slavery. page 35

# **Sexual Harassment in Sports**

By limiting political influence within sports federations, establishing independent and impartial complaint committees, and providing support services to athletes, the Indian sports community can create a safer and more inclusive environment. page 23

# **Foreign Trade Policy**

The FTP 2023 is indeed a welcome policy document but has remained below the expectations of the trade community. page 48

# nomic&PoliticalWEEKLY

www.epw.in

ACK-NO JO7860

# **EDITORIAL**

Free Ration for Five More Years

# COMMENT

Xi-Biden Meeting: A Temporary Thaw

# LAW & SOCIETY

The Folly of Re-criminalising Adultery

# HT PAREKH FINANCE COLUMN

India's Inclusion in JP Morgan GBI-EM Indices

# COMMENTARY

- Climate in Free (Market) Fall
- The Political Economy of Curricula in Higher **Education Institutions**
- Gender Gap in Credit in India
- Dhruba Narayan Ghosh (1928–2023)

# **BOOK REVIEWS**

- EdTech Inc: Selling, Automating and Globalizing Higher Education in the Digital Age
- Affective Feminisms in Digital India: Intimate Rebels

# PERSPECTIVES

Rythu Bharosa Kendras of Andhra Pradesh

# **SPECIAL ARTICLES**

- Innovation Performance of India's Computer Software Services and Pharmaceutical Manufacturing Industries
- FDI and Red-tapism: A Politico-economy Inquiry of FDI Inflows in India during 2020-23
- CCTV Surveillance and Its Effects in Rural Marathwada

# **CURRENT STATISTICS**

# Surveillance and Privacy

The installation of CCTV cameras by a gram panchayat in Maharashtra points towards severe implications to private lives in the rural context because of the lack of anonymity and the prevalence of stringent caste and gender norms. page 64

# **Carbon Markets**

Reliance on carbon markets serves to postpone the structural changes necessary to reduce emissions at the source and allows rich countries to get away without fulfilling their mitigation obligations. page 19

# **Re-criminalising Adultery**

A call to re-criminalise adultery ignores that the Supreme Court has held criminalising adultery unconstitutional on the grounds that it was not a harm done to the public at large. page 10

# Rythu Bharosa Kendras

Keeping off from market activities, such as supply of inputs and procurement of outputs, RBKs should focus on strengthening and modernising extension services. page 39

# D N Ghosh (1928–2023)

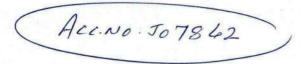
Ghosh was a superb civil servant, distinguished corporate leader, innovative banker, builder of institutions, natural leader, scholar with a razor-sharp mind and, most importantly, a concerned citizen. page 30

# Economic&PoliticalWEEKLY

A SAMEEKSHA TRUST PURLICATION

www.epw.in

COMBINED ISSUE



05 DEC 2163

# **EDITORIAL**

A 70-hour Workweek?

# COMMENT

 The War on Palestine: The Horror and Geopolitical Tensions

# STRATEGIC AFFAIRS

India—China and the Emerging Global South

# COMMENTARY

- Eyeless in Gaza: Blindly Oblivious to the Blindingly Obvious
- Assessing the Feasibility of 'One Nation, One Election' in India
- M S Swaminathan and India's Agriculture and Rural Development
- The Merger of HDFC Limited with HDFC Bank: Synergy or Concentration?
- Early Age Female Marriage: Exploring Spatial Variations

# **BOOK REVIEWS**

- Gandhi and the Champaran Satyagraha:
   Select Readings
- The Quest for Modern Assam: A History, 1942–2000

# PERSPECTIVES

 Housing In-kind Is Not Enough: Criticality of Justiciable Cash Wages to Domestic Workers

# SPECIAL ARTICLES

- Unpacking Inequality: Analysis of Household Consumption in India
- The Determinants of Groundwater Exploitation
- National Medical Devices Policy, 2023

# **CURRENT STATISTICS**

# POSTSCRIPT

# **Gaza and the World Order**

Israeli hyper-statehood will come into increasing antagonism with the unfolding realities of the 21st century, evident in the UNGA resolution in which 120 countries voted in favour of a humanitarian truce. page 13

# **Affordable Medical Devices**

The National Medical Devices Policy, 2023 needs to enhance accessibility by changing the existing procurement system for the public health sector and scale up domestic manufacturing capabilities through production-linked incentives. page 61

# **In-kind Payments for Domestic Work**

Affordable housing for the urban poor remains an unresolved issue, leading to acceptance of onerous work terms in exchange for housing in servant quarters. page 39

# A Scientist with a Societal Mission

The reports of the National Commission on Farmers, which M S Swaminathan chaired, provide clear evidence of his view that state support to agriculture and rural development is crucial to food security. page 20

# **Folk Tales and Sex Education**

Reading tribal folk tales without exoticisation, coyness, or prejudice—as repositories of knowledge—might offer us a way out from silencing "sexed bodies," to owning them. page 72

# Education Post

RANKINGS

RESEARCH

VIEWS

www.theeducationpost.in

A promising sector for youth, tourism shall contribute 7.1% to India's GDP by 2030

Rajni Hasija Former Director IRCTC

Tourism sector set to grow at twice the rate of India's growth rate

Aditya Agarwal
Chief Financial Officer (CFO)
of digital travel platform Cleartrip

Stakeholders in India's tourism sector need to raise salary bar

Prof. Monika Prakash Nodal Officer Indian Institute of Travel and Tourism Management (IITTM) Nellore Infrastructure is really important to boost tourism in any country

Prof. Luc Beal Assistant Professor Excelia Group of Universities France

Tourism and Hospitality
Skill Council wants to
help colleges in their
vocational training
programs

Mr. Rajan Bahadur Chairman, THSC

7866

INSIDE

HRF 2023 Hotel Management & Journalism

# TOURISM

FOSTERING ECONOMIC

GROWTH IN SIKKIM

**Bedu Singh Panth** Minister of Tourism, Sikkim

# CONTENTS

# COVER INTERVIEW

Tourism fostering economic growth in Sikkim Bedu Singh Panth

Minister of Tourism Sikkim





Stakeholders in India's tourism sector need to raise salary bar Prof. Monika Prakash Nodal Officer of Indian Institute of Travel and

Tourism Management

(IITTM), Nellore

Infrastructure is really important to boost tourism in any country

Prof. Luc Beal Assistant Professor Excelia Group of Universities France



36

Tourism and Hospitality Skill Council wants To help colleges in their vocational training programs THSC Chairman

Mr. Rajan Bahadur CEO, Tourism and Hospitality Skill Council

A promising sector for youth, tourism shall contribute 7.1% to India's **GDP** by 2030

Raini Hasiia Former Director IRCTC



40

Nanoscience in India Unawareness is **Primary Challenge** 

Dr. Nand Gopal Sahoo a distinguished professor at Nainital's Kumaun University

Tourism sector set to arow at twice the rate of India's arowth rate Aditya Agarwal

Chief Financial Officer (CFO) of digital travel platform Cleartrip



46

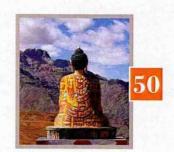
**Business school** teachers should have quality work experience in industry

Dr. Mahapatra Director General, JK Business School

Bring back your waste, support locals. Oh... and don't be too hard on yourself, just go with the flow

Radhika Sharma (IG: @radhika\_nomllers)





**Eco-Tourism** in India Leaving Behind Nothing but **Footprints** 

**NAVIGATING SUCCESSION CHALLENGES** WITH INDIAN FAMILY BUSINESSES | 15 MALL MEDIUM

SNEAK PEEK INTO INDIA INVESTMENT FORUM X E LIVE 60

# RNI No. HARENG/2011/39608-L-2/FBD/286/18-20 Ireprene SUBSCRIBER'S COPY NOT FOR RESALE

ACC NO TO7876

www.entrepreneur.com December 2023 | ₹250 | INDIA EDITION

SPECIAL ISSUE

# Influencers Inc.

**COMBATING DEEP FAKES** WHEN DETECTION FAILS

> WHY **CULTURE FUELS** BUSINESS SUCCESS

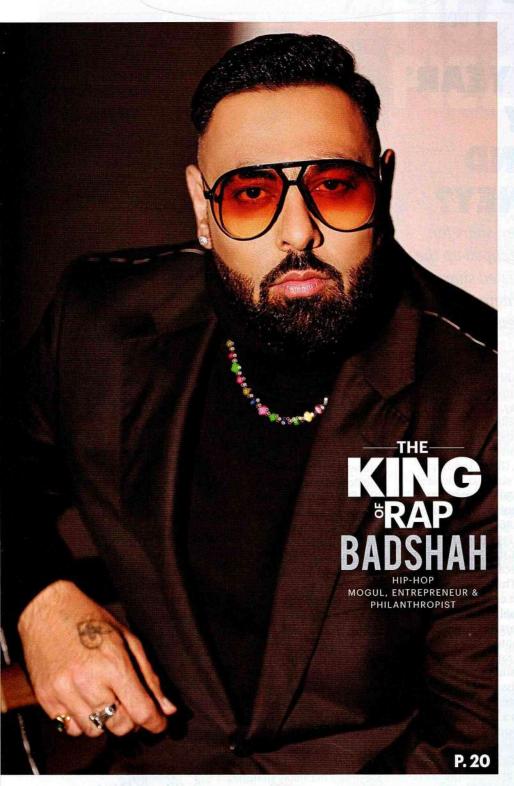


MOGUL, ENTREPRENEUR & PHILANTHROPIST

ROBIN SHARMA, KUNAL KAPUR, YASHRAJ MUKHATE, RAJEEV MAKHANI, DIIPA BULLER KHOSLA JANNAT ZUBAIR, AWEZ DARBAR, NEHA NAGAR AND MORE







# Influencers Inc.

A MULTI-HYPHENATE MUSIC LUMINARY ON A MISSION TO PROPEL THE GLOBAL DOMINATION OF INDIAN POP AND HIP HOP, RAPPER, PRODUCER, MENTOR AND ENTREPRENEUR -BADSHAH IS A HISTORY MAKER!



12 The Unseen Engine: Why Culture Fuels
Business Success

BY DR. JOHN O. BURDETT CONSULTANT, TRANSEARCH



13 Al Revolutionizing the Automotive Industry

BY PRASHANTH DORESWAMY, PRESIDENT AND CEO, CONTINENTAL INDIA



14 Don't Let Poor Operating Models Undermine Good Strategy

BY TONY SALDANHA, AUTHOR, SPEAKER



15 Navigating Succession Challenges Within Indian Family Businesses

BY TULSI JAYAKUMAR, EXECUTIVE DIRECTOR, CFBE & PROF. FINANCE & ECONOMICS AT SPJIMR, MUMBAI 10 The In India

P. 16

TRI

HAPP

GR

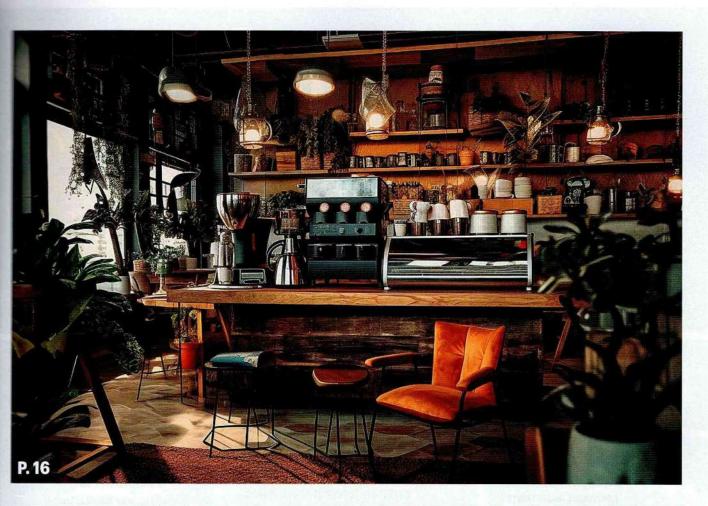
STRAT

New-A

**57** Fro

IN CC

Co-for Comp Service



# TRENDS & UPDATES

# HAPPENINGS

10 The Richest People In India

# GROWTH

# STRATEGIES

16 The Resurgence of New-Age Coffee Shops

# LEGACY

**57** From Humble Beginnings to Dalal Street

# IN CONVERSATION

58 Abhiraj Singh Bahl, Co-founder, Urban Company on being At Your Service since nine years.

# TECH

# AI

**42** Combating Deepfakes

# **MACHINE LEARNING**

**44** How Machine Learning is Boosting Businesses

# WEALTH

# IPO

46 Should You Join the IPO Rush?

# STARTUP

# **OPPORTUNITY**

48 How AI is Transforming Industries

# CORPORATE

# AVIATION

**52** How Boeing Is Strengthening Its 'Make In India' Footprint

# HEALTHCARE

55 Leveraging Innovative Technologies to Overcome Geographical Barriers in India

# BUSINESS

# Q&A

66 When It's Time to Go All In

# SIX WAYS

69 What Are You "Too Much" Of?

70 The Future of Entrepreneurship

# WEB3

# GAMING

76 Living Out Of Games

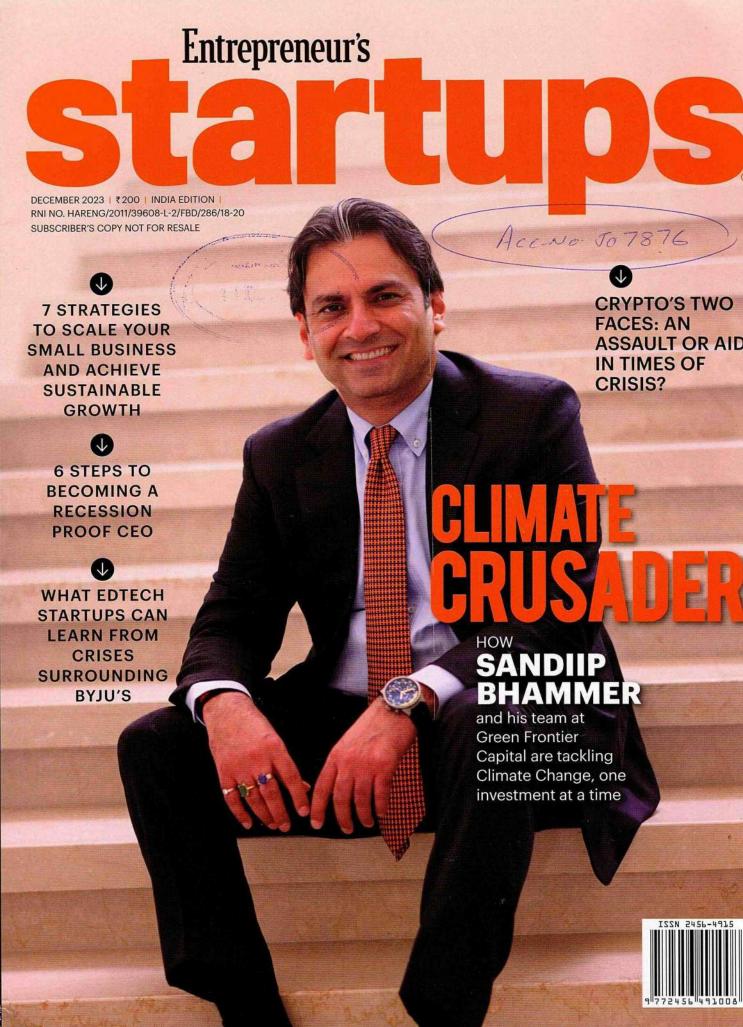
# LIFE

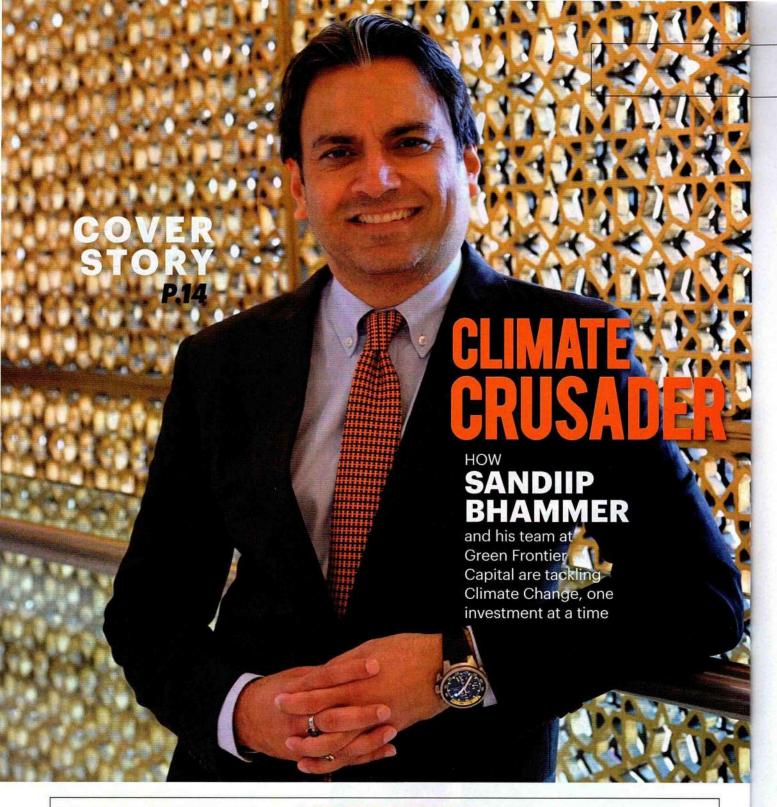
# BOOKS

**80** Sumant Sinha, ReNew CEO on His Favourite Books

# THE OTHER SIDE







# EXPERT SPEAKS



It's Never Too Late To Start

BY DEEPIKA JINDAL, CREATIVE HEAD AND MANAGING DIRECTOR, JINDAL LIFESTYLE LTD



Women Entrepreneurs In Emerging Economies: Driving Growth Innovation

BY KIRTI KABRA, DIRECTOR, RR GLOBAL

# TRENDS & UPDATES

## HAPPENINGS

8 Women-led Startups

# STARTUP

# APPS

22 Top 5 startups transforming parking solutions Pan India

# STRATEGY

10 Strategies to Help Entrepreneurs Thrive in the Face of Adversity and Criticism

40 7 Strategies to Scale your Small Business and Achieve Sustainable Growth

## **ECOSYSTEM**

12 Why Co-founders Have Been Calling It Quits

28 What Edtech Startups Can Learn From Crises Surrounding Byju's

# CULTURE

32 3 Ways To Build A Customer-Centric Company Culture

## SELF HELP

34 I Use This Surprising Here's How You Can Try It

# LEADERSHIP

38 6 Steps to Becoming a Recession Proof CEO

# CORPORATE INNOVATION

## AUTO

18 Landmark Cars: Betting Big On Festive Season

## **FMCG**

42 Festive Fervor: Season Brings Joy For FMCG Firms

# WEALTH

# **MUTUAL FUNDS**

20 Creating Wealth with Small and Midcap Funds

# LEADERSHIP

# **SELF HELP**

36 Improving Yourself Takes 9.6 Minutes Of Work Each Day

# GROWTH

# LEGACY

45 Raising a Toast to Distilled Art

# BUSINESS UNUSUAL

# Q&A

50 'Bad Things Are Going to Happen'

# SIX WAYS

53 What Were You Wrong About?

# MY FIRST MOVES

54 If at First You Don't Get Clients...

## SUSTAINABILITY

55 Why "Buy Green" Fails

# THE BIG IDEAS

56 How to Sound Smart and Memorable, Anytime

# STRATEGIES

58 Don't Come to My Meetings

# PERSONAL

59 The Power of Ritual

# MARIO'S PICKS

60 Easier Life, Better Content

# TECH

# APPS

64 Diipa Buler Khosla's4 Favorite Apps

# LIFE

62 Social Media: To Be Or Not To Be?

## BOOKS

65 UBON Co- Founder Lalit Arora On His 3 Favourite Books

# WHAT INSPIRES ME

66 Standing Even Taller

Method To Clarify My Ideas-

# WEB3

# CRYPTO

24 Crypto's Two Faces

P. 50

**INDONESIA'S 50 RICHEST** 

**BHUTAN'S CRYPTO MINING** 

DECEMBER 2023

**HEROES OF PHILANTHROPY** 

**B.GRIMM GOES GREEN** 

Horbes

# ENERGIZED

HILMI PANIGORO DRIVES MAJOR GROWTH AT MEDCO ENERGI INTERNASIONAL

WWW.FORBES.COM



	1000	
AUSTRALIA	A \$15.00	INDI
CHINA	RMB 95.00	INDO

HONG KONG.....

١	INDIA	RS	60
í	INDONESIA	RP 110.	00
r	JAPAN		TA

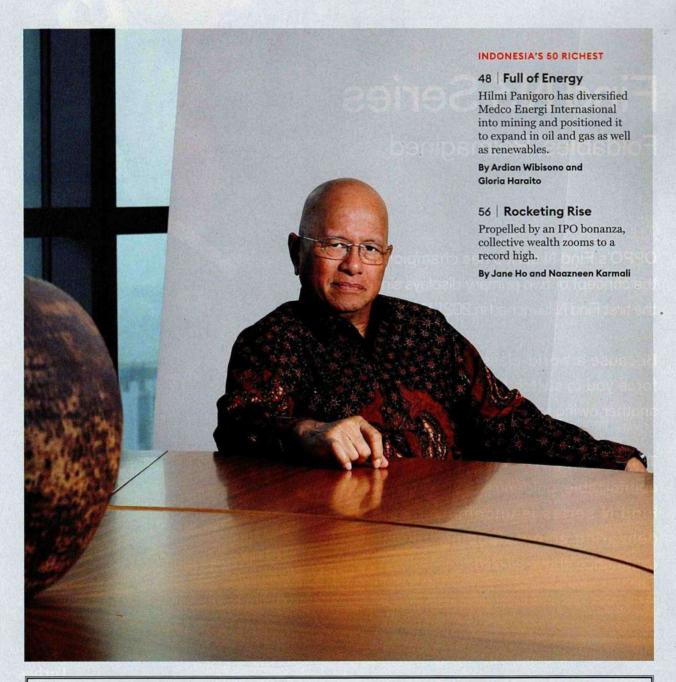
KOREA₩	12,0
MALAYSIARM	35
NEW ZEALANDNZ	\$15

)	PHILIPPINESP400
)	SINGAPORE \$ \$14.00
)	TAIWANNT \$300

# **Forbes**

December 2023 Volume 19 • Number 9

# INSIDE



COVER CREDIT HILMI PANIGORO: Photograph by Toto Santiko Budi for Forbes Asia



# THE LIST

# 14 | Asia's Heroes of Philanthropy

Our 17th edition of the annual list spotlights 15 philanthropists who have in the past year shown commitment and donated generously to causes close to their hearts.

Edited by Rana Wehbe Watson

## **NEW BILLIONAIRE**

# 29 | Magic's Moment

Being a great team player—both on and off the court—has elevated the Lakers legend into the ten-figure club.

By Matt Craig

# **FEATURES**

# 40 | Power Play

How B.Grimm head Harald Link is investing heavily in renewable energy as part of a \$2 billion plan to deliver exponential—and sustainable—growth for the 145-year-old Thai company.

By Phisanu Phromchanya



# STRATEGIES

# 46 Mr. Tea

In a faddish market in which buzz often beats flavor, AriZona Beverages billionaire Don Vultaggio is betting his new alcoholic drinks will crash Twisted Tea's party simply by tasting better.

By Monica Hunter-Hart

# WORLD'S MOST POWERFUL WOMEN

# 64 The Power Era (Taylor's Version)

With a record-breaking world tour, the ability to move economies and a \$1.1 billion net worth, Taylor Swift has broken into the top ten of our annual ranking of the World's Most Powerful Women.

By Maggie Mcgrath

# 10 | Fact & Comment

# **Steve Forbes**

Eerie echoes of pre-World War II.

# 12 | Tech Connector

# **Rich Karlgaard**

Innovation makes it possible.

# 96 | Thoughts

On experience.

### THE INVESTIGATION

# 70 | Solar Burst

Clean home electricity from the sun has grown into a \$30 billion industry. But it is built on a shaky foundation of cheap money, questionable accounting and aggressive claims for billions in federal tax credits. With money no longer cheap, subsidies a matter of politics and swirling allegations of fraud, a collapse could be coming soon.

By Chris Helman and Nikhil Hutheesing

# 86 Inside the Crypto Kingdom

Bhutan quietly spent millions building its own bitcoin mining operation. Now, using satellite imagery, *Forbes* has uncovered the secret locations of the world's largest state-owned mines.

By Iain Martin and Sarah Emerson

# THE LIST

# 90 30 Under 30 North America

The 600 innovators, changemakers, and disruptors on 13th annual Forbes 30 Under 30 North America.

**Edited by Kristin Stoller** 

**CHINA'S 100 RICHEST** 

SAZERAC

NOVEMBER 2023

VINFAST

**PANDA EXPRESS** 

tord (

Meliza Musa Rusli

Trudy Dai

M.R. Jyothy

ASIA'S POWER BUSINESSWON

20 LEADERS TRANSFORMING THE REGION

WWW.FORBES.COM

DISPLAY UNTIL MID-DECEMBER 2023

HONG KONG.....

A\$15.00 INDIA

.B 320 ..US \$15.00

Lee Young-hee

# THI THU THUY: JULIANA TAN FOR FORBES

# **Forbes**

November 2023 Volume 19 • Number 8

# INSIDE



# THE LIST

# 18 | Asia's Power Businesswomen

Our annual list highlighting 20 outstanding female entrepreneurs and business leaders who are transforming the Asia-Pacific region.

Edited by Rana Wehbe Watson

# FEATURES

# 46 | Electric Ambitions

Vietnam's richest person Pham Nhat Vuong is investing over \$10 billion to turn his EV maker VinFast into a global brand—while facing major challenges in its U.S. market entry.

By Jonathan Burgos

# **CHINA'S 100 RICHEST**

# 56 Navigating Headwinds

The collective wealth of the 100 richest edges down as the country combats structural stress and global tensions.

By Jane Ho and Yue Wang



 $\begin{array}{l} \textbf{COVER CREDIT} \quad \textbf{Meliza Musa Rusli: } courtesy \ of Bank Permata, \textbf{Trudy Dai: } courtesy \ of Alibaba, \\ \textbf{M.R. Jyothy: } courtesy \ of Jyothy Labs, \textbf{Lee Young-hee: } courtesy \ of Samsung Electronics \\ \end{array}$ 

FORBES ASIA



### ENTREPRENEURS

# 43 | Soy Sauce Scientist

Peggy Cherng built Panda Express into the McDonald's of Chinese food by using her engineering background and big data to exponentially spice up sales—making her a multibillionaire along the way.

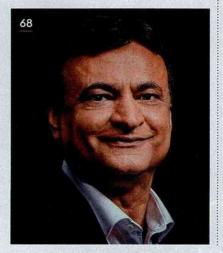
By Chase Peterson-Withorn

# THE PROFILE

# 68 | Talent Pool

Raj Sardana's little-known Innova Solutions has become one of the biggest IT staffing and services providers in the U.S. thanks to an aggressive strategy of buying up and gutting struggling competitors. But just as the new billionaire is enjoying the spoils of his success, could AI knock it all down?

By Jemima McEvoy



## FEATURES

# 84 | High Impact

Builders Vision, the values-aligned investing group founded by Walmart heir Lukas Walton, has spent billions to change the world—but it may not be enough.

By Amy Feldman

# 92 | Nest Building

Over 103 years, three generations have built CMI into one of Latin America's largest food conglomerates. Now their Pollo Campero restaurant chain is set to expand across the U.S.

By Jonathan Ponciano

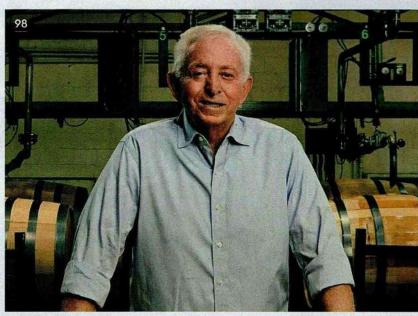


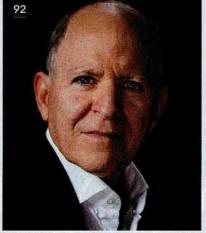
## FORBES LIFE

# 98 | The Pappy Principle

William Goldring's Sazerac Company produces some of the world's most collectible spirits, including Pappy Van Winkle, W.L. Weller and George T. Stagg. But it's the bottom shelf that made him rich. Fireball, anyone?

By Chris Helman





# MONEY & INVESTING

# 102 | Winning at the Small Poker Table

Retail buyers have a poor grasp of closed-end investment companies. That creates opportunities for Florida money man Erik Herzfeld.

By William Baldwin

# 14 | Tech Connector

Optimism rebirth.

104 | Thoughts
On property.



DECEMBER 15, 2023

VOLUME 15 ISSUE 26



#### SMAL-TOWN FOUNDERS

#### 22 • THE WRIST SPINNERS

Founders from small towns are weaving entrepreneurial dreams by exorcising the nightmare of fear

#### 24 • A BATTER OPTION

Moulded by values of a village life, PC Musthafa built an ever-expanding idli-dosa batter empire in iD Fresh Food

#### 30 • GROWING FANDOM

A rocky childhood taught Sibabrata Das to find order in chaos. With Atomberg, he nipped the fear in the bud

#### 36 • RICE & SPICE

Agra native Vishal Jindal is trying to write a multinational biryani story with Biryani By Kilo

#### 40 • SEALED & DELIVERED

Shailesh Kumar, a village boy from Bihar, has built a ₹150-crore logistics company in CABT

#### **44** • TICKET TO BHARAT

Growing up in a small town helped Mohit Dubey relate to the plight of millions of common citizens. With Chalo, a bus tracking and ticketing platform, he hopes to end their woes

#### 48 • BHARAT JOURNEY

Aloke Bajpai and Rajnish Kumar are driving ixigo towards the IPO station

#### 54 • A CORNER OFFICE

Tushar Mittal, a village boy from Rajasthan, fought formidable odds and turned the tables on adversity with his bootstrapped venture Officebanao





Bala Sarda, founder, Vahdam India, outside a CVS store



Neetish Sarda with Harsh Binani (right), co-founders, Smartworks

#### 60 • SOUND SLEEP

Ensuring a perfect-night sleep for Wakefit users keeps Chaitanya Ramalingegowda awake

#### IN FOCUS

#### 65 • AIMING FOR THE US STARS

Some of India's digital-first brands are making their presence felt in America. Do they have a viable model?

#### 70 • 'EQUITY MARKETS MAY STAY DIFFICULT AROUND THE WORLD'

Manraj Sekhon, chief investment officer of Templeton Global Equity Investment, feels India will continue to be a good place for funds due to its resilient growth

#### 73 • FOR THE LONG HAUL

CDIL became the first Indian firm to manufacture silicon carbide components

#### 76 • MEDIATEK AND A **BAG OF CHIPS**

From Alexa to Paytm speaker to TataSky to smartphones and TVs of all top brands, there is an invisible chip powering most consumer gadgets. Meet MediaTek

#### 79 • OFFICE PLAY

Timely pivot, sticky enterprises, waning pandemic and a more-than-strong resurgence in demand for office space have helped Smartworks post a heady growth

#### 82 • IN-SPACE SUCCOUR TO SATELLITES

Entrepreneurs at Inspecity Space Laboratories dream of space cities, but they also know it starts with one propulsion system, one sensor suite at a time

#### 84 • HOW CAN WE PROTECT THE MAHADAYI / MANDOVI RIVER?

Diversion of the river's water could have catastrophic consequences on the region's biodiversity and climate

#### 88 • COMVIVA 2.0: **REBOOT & CONQUER**

Comviva made another attempt to enter the lucrative markets of US and Europe. And the gambit is showing results

#### FORBESLIFE

#### 91 • '2024 PARALYMPICS **GOLD IS MY ONLY GOAL** NOW'

Para badminton star Pramod Bhagat gives insights into his champion mindset and how his self-belief helped him tide over challenges

#### 94 • A TAPESTRY OF ARMENIAN HERITAGE

Megerian carpets grace the floors of renowned churches in the world and the homes of esteemed figures, including the Queen of England, and presidents of many nations



Para badminton star Pramod Bhagat won three medals-a gold and two bronze-at the Para Asian Games



The Megerian Carpet Factory Museum

#### REGULARS • 10/LEADERBOARD • 98/FROM THE FIELD

#### WE VALUE YOUR FEEDBACK:

Write to us at: forbes.india@nw18.com

- Read us online at: www.forbesindia.com
- On the cover: Photographs by: ARUN CHANDRABOSE

Subscriber Services: To subscribe, change address or enquire about other customer services, please contact: FORBES INDIA, Subscription Cell, C/o Network18 Media & Investments Limited, Empire Complex, 414, Senapati Bapat Marg, Lower Parel, Mumbai - 400013. Tel: 022 4001 9816 / 9782. Fax- 022-24910804 (Mon - Friday: 10 am - 6 pm) SMS FORBES to 51818 Email: subscribe@forbesindiamagazine.com, To subscribe, visit www.forbesindia.com/subscription/ To advertise, visit www.forbesindia.com/advertise/



# SUBSCRIBER COPY PRICE ₹300 NOVEMBER-DECEMBER 2023

## **GUIDING LIGHT**

ACC. NO. TO 7855

How Anil Rai Gupta is building on Havells's first-mover advantage in fast-moving electrical goods in the face of intensifying competition

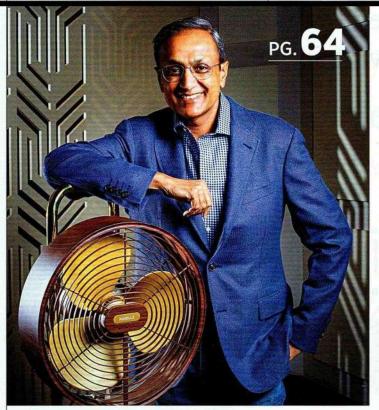
**RANK: 30** 

NET WORTH (VINOD AND ANIL RAI GUPTA): \$6.7 billion



Network 18 www.forbesindia.com

NOVEMBER -DECEMBER 2023 VOLUME 15 ISSUE 24 Forbes on the cover



# INDIA'S - RICHEST

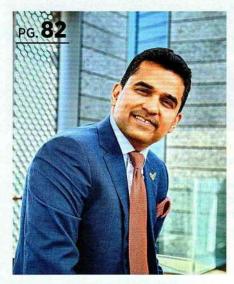


#### STAYING IN THE GAME

After a series of setbacks, Havells is now reaping the benefits of its diversified focus on exports, and ramping up its inhouse production capacity along with investing in R&D

#### **GOLDEN YEARS**

As Alkem Laboratories turns 50, Forbes India traces its journey from its humble beginnings as a pharma distribution company to a ₹11,599 crore pharma major



## EMERGING FROM THE SHADOWS

Shamsheer Vayalil, founder and chairman of Burjeel Holdings, has been building the biggest hospitals in the Gulf region over the last decade



### STILL BROTHERS IN ARMS

The demise of Srichand Hinduja and the tussle over property with his heirs haven't shaken the foundation of the Hinduja family



#### THE INDIA LENS

Sridhar Vembu is preparing Zoho for the rise of India. In the coming years, he believes it is inevitable that the country will become the biggest market for the company

16

**INVESTOR'S GUIDE 2024: STOCKS FOR UNCERTAIN TIMES** 

# FORMINE

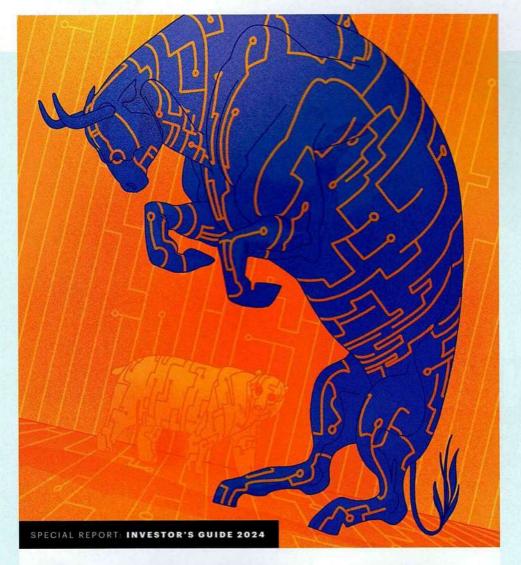
Acc NO JO7858

## JOSHUA KUSHNER

Bold bets on Instagram, Stripe, and OpenAI made him a billionaire. How he built Thrive Capital and paved a path outside his famous family.

ASIA PACIFIC EDITION NUMBER 6 DEC 2023/JAN 2024 FORTUNE.COM

#### Features Dec 2023/Jan 2024



VOLUME 188 - NUMBER 3

32

#### The Future 50

The companies that top our annual "vitality" index are poised to turn today's challenges into tomorrow's gains. BY MARTIN REEVES, ADAM JOB & MATT HEIMER

68

#### **Trouble Below**

Shelved projects, politics, and slow progress seem to have dulled Elon Musk's tunneling dreams at the Boring Company.

BY JESSICA MATHEWS

44

13 Stocks to Buy for 2024

BY WILL DANIEL

Forecasters have rarely been so divided over the global economy. Our picks aim to help your portfolio come out ahead, whatever occurs. **50** 

How Did Josh Kushner Get \$3.3 Billion?

BY ALYSON SHONTELL

The founder of Thrive Capital paved a path outside his famous family. Now he's running his biggest fund ever. 60

Gary Gensler Is Comfortable in the Hot Seat

BY LEO SCHWARTZ & JEFF JOHN ROBERTS

Will the SEC chair's combative stance undermine the investor protections he's fighting for?



Cover Image by MACKENZIE STROH



#### **Foreword**

2 A Different Kind of Capitalist BY ALYSON SHONTELL

#### In Focus

8 LAURA ALBER OF WILLIAMS SONOMA

The longest-tenured woman CEO in the Fortune 500 has boosted revenue before at the retailer, and aims to yet again. BY EMMA HINCHLIFFE

#### The Brief

15 How Business Leaders Are Coping in a Divided, Violent World BY PETER VANHAM

- 21 Highlights From the Fortune CEO Initiative BY MATT HEIMER
- 26 Companies
  Are Going to War
  Against Deepfakes
  BY VIVIENNE WALT
- 30 Taiwan and Its
  Chipmaking Champion
  TSMC Face Trouble From
  Cross-Strait Tensions
  BY GREGOR STUART HUNTER



42 INTRODUCING
THE FORTUNE 500
EUROPE: Where Old
World Companies Are
Reaching New Heights
BY PRARTHANA PRAKASH

#### **Passions**

7 Four Luxe
Destinations for
Your 2024 Vacation
BY ADAM ERACE

#### The Cartographer

The High-Rising Cost of Homeownership Nationwide BY NICOLAS RAPP & MATT HEIMER



SIGNUP FOR THESE FREE FORTUNE NEWSLETTERS

#### **CFO DAILY**

Stay abreast of the news, trends, and executives shaping corporate finance with our weekday newsletter written by Fortune senior reporter Sheryl Estrada.



#### WELL ADJUSTED

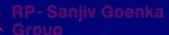
Get simple strategies to work smarter and live better from the Fortune Well team three times a week.



For more info, go to fortune.com.

Fortune Asia (ISSN 0738-5580) is published bimonthly by Fortune Media IP Limited. Fortune Asia may also publish occasional extra issues. Customer Service and Subscriptions: For 24/7 service, please use our website: www.subscribenow.com.au/fortune/asia/SOLO. You may also contact the Customer Services Center: (61) 2 8880 0370, or email fortune@subscribenow.com.au, or write to Fortune Media IP Limited, Unit I, J & K, 17/F, Finance and IT Center of Macau, Avenida Doutor Mario Soares No. 320, Macau. Subscribers: If the postal authorities alert us that your magazine is undeliverable, we have no further obligation unless we receive a corrected address within two years. ©2023 Fortune Media IP Limited. FORTUNE is a trademark of Fortune Media IP Limited, registered in the U.S. and other countries. Fortune Asia is printed in Singapore. Singapore MCI(P) 025/09/2023. Malaysia KKDN permit no. PPS1915/06/2020(026015).





**Growing Legacies** 

NBFC Wave & The Red Flags

Shares Deluge Coming

DECEMBER 2023 . FORTUNEINDIA.COM . SUBSCRIBER'S COPY NOT FOR SALE

New Appetite For Luxury Homes

# FORTUNE

No. Jo7856

INDIA'S LARGEST COMPANIES



Rise Of The ₹1 Lakh Crore Club

The Big Get Bigger

Corporate India's 'Giving' Conundrum

36 Catching The NBFC Wave

By NEVIN JOHN
Just why NBFC is the latest holy grail in financial services.

44

NBFCs Add Risk To Slowing Economy

By PRASANNA MOHANTY

Banks are significantly upping lending to risky NBFCs, forcing RBI to sound an alarm.

54

Regional Brands In FMCG Fortress

By AJITA SHASHIDHAR

Agile and proactive regional brands are giving large FMCG companies stiff competition. 64 Shares Delug

Shares Deluge Coming

BY RAJIV RANJAN SINGH Lock-in expiry of shares could turn out to be the litmus test for stocks' resilience.

SPECIAL ISSUE: FORTUNE 500 INDIA

72 Rise Of The ₹1 Lakh Crore Club

Fortune 500 India club sees explosive topline growth with record nine companies surging past ₹1 lakh crore revenue.

BY V. KESHAVDEV

84

Eye On Future, RIL Builds On Growth

India's largest private sector company's 'future focus' keeps it at the top of the league.

BY NEVIN JOHN

90

High-end SUVs Drive Tata Motors Profit

Measures to reduce costs and lower break-even volume at JLR boost bottomline.

BY KARAN DHAR

96

Clean Energy Powers Up NTPC

Organic non-fossil capacity addition surpasses fossil capacity addition for the first time. BY JOE C. MATHEW

#### **Departments**

#### **Foreword**

16 NBFC Wave & Red Flags

India's biggest firms are rushing to catch the NBFC wave. RBI, however, believes NBFCs' unbridled growth is adding risks to an economy that is projected to slow down due to a global drag.

#### **The Conversation**

18 Stefan Borgas

The CEO of RHI
Megnesita on foray
into digital services in
refractory value chain
with India as its base.
INTERVIEW BY ASHUTOSH
KUMAR

#### The Brief

26 New Appetite For Luxury Homes

Luxury housing sees an unprecedented boom as rising disposable income fuels aspirations and Gen-Zs go on homebuying spree.

BY RUKMINI RAO

28 The Great India Power Challenge

CEA data throws light on why India will remain substantially dependent on fossil fuels to meet energy needs. BY P.B. JAYAKUMAR

#### The Cartographer

204 Bumper Diwali For India Inc.

> India Inc. scaled a new high in profitability with a record ₹2.53 lakh crore in the September 2023 quarter. BY V. KESHAVDEV



SPECIAL ISSUE: FORTUNE 500 INDIA

100

Reforms Drive Up UP Power Corp's Biz Agenda

Smart metering, steps to plug pilferage and attempts to recover dues drive revenues at UPPCL. BY ASHUTOSH KUMAR

106

Samvardhana's Bet On Premium Products, EVs Pays Off

With a large portfolio and an acquisition spree, the Motherson Group  $\hat{\mathbf{f}}$ irm is on a high. BY ASTHA ORIEL

112

Indigo Takes Flight To Recovery

Uniform fleet and focus on adding more routes, especially in the domestic market, aid turnaround, BY URVASHI MISHRA

118

New Businesses Turn The Tide At Adani Group

Emerging businesses—airports, green hydrogen, integrated manufacturing & roads—contribute half to Adani Enterprises profits.BY P.B. JAYAKUMAR

166

The Lists: Largest Indian Companies

# FORTUNE

DECEMBER 2023

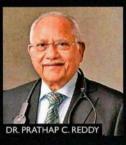
exchange NEWS, EVENTS, PROMOTIONS + IDEAS

# HEALTHCARE VISIONARIES

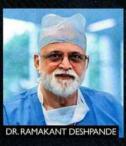
Paving the Way for the Future









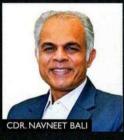


















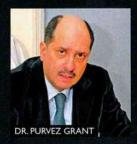












In this feature we present an eclectic mix of professionals who with their talent and never say die spirit have managed to turn around the healthcare industry and put India at par with Global Institutions

# FORTUNE

Acers To 18 54 — exchange NEWS. EVENTS, PROMOTIONS + IDEAS GENERAL PROMOTIO



# Unstoppables

WORLD'S MOST
INFLUENTIAL PERSONALITIES
AND BUSINESS MINDS

Left to Right :- Eitan Ben Itzhak Klutch, Dr. Vivek Lall, Elon Musk, Sudha Reddy, Sanjib Sahoo

DECEMBER 29, 2023 · LEADING THE DEBATE SINCE 1984 · WWW.FRONTLINE.THEHINDU.COM · ₹ 125

Acomo To 7917

wanted t

22 D&C

Politics of drought in Maharashtra

SPOTLIGHT > PAGE 55

When Ekla Chalo Re got the Indira touch

HISTORY > PAGE 80

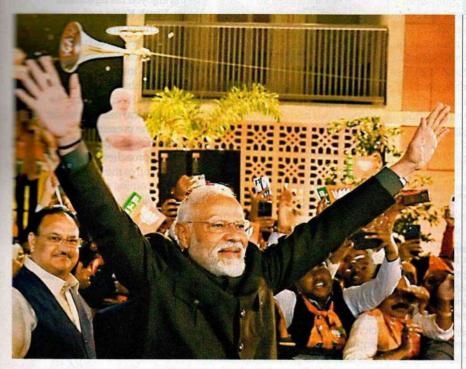
K.S. Radhakrishnan's Musui magic

ART > PAGE 94

wister delde

The BJP's three decisive wins in the heartland seem to indicate that it has 2024 in the bag, but the narrow gap in vote shares suggests that it still has a fight on its hands.

= 40 - Number 25 - December 16-29, 2023 - ISSN 0970-1710 - www.frontline.thehindu.com - 118 pages



**COVER STORY** 

# Came late but came swinging

14/ How did the Congress lose the three heartland States despite being widely seen as a favourite? The answer lies in its inability to read the pitch correctly and tailor its shots accordingly, a weakness it can ill afford against the canny BJP.

#### Related stories

17/ Madhya Pradesh: Comeback gone awry

22/ Rajasthan: Back to BJP

27/ Chhattisgarh: Pitch perfect campaign

31/ Telangana: Southern comfort

36/ The dark horse in Mizoram

40/ Reading the tea leaves

#### CONTROVERSY

51/ Halal ban in UP

#### SPOTLIGHT

55/ Playing politics with drought in Maharashtra

#### POLITICS

**62/ Manipur:** A people wronged

#### LITIGATION

**66**/ Governor's role under scrutiny

#### THE STATES

69/ V.K. Pandian, the rising star of Odisha politics

22 DEC 1

Cover design; B. Srinivasan Cover photo: Getty images Caricatures: Satish Acharya

#### WORLD AFFAIRS

72/ Indo-Israel ties: Breaking free of yesterday

#### **OBITUARY**

78/ Remembering Henry Kissinger

#### HISTORY

80/ When Tagore's poem got the Indira Gandhi touch

#### CULTURE

86/ Decoding Karan Johan

#### ART

94/ Five decades of K.S. Radhakrishnan's art

#### BOOKS

101/ In review

#### •

12/ The Fortnight

#### SHORT STORY

111/ Forty Years

#### COLUMN

49/ Saba Nagvi

92/ Prathyush Parasuraman

06/ Letters

110/ On our bookshelf

114/ Staying in

115/ Stepping out

116/ Back Page

DECEMBER 15, 2023 · LEADING THE DEBATE SINCE 1984 · WWW.FRONTLINE.THEHINDU.COM · ₹ 125

Advantage BRS in Telangana

ELECTIONS > PAGE 36

Char Dham road project: Unplanned, unscientific

SPOTLIGHT > PAGE 50

B.N. Goswamy: The loss of a *rasika* 

TRIBUTES > PAGE 60

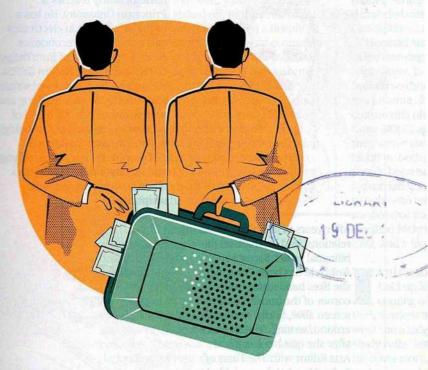
18 DE

Acc. No. Jo 7885

# CATE IN LIST

Harshad Mehta is largely forgotten, but scams continue to flourish in an India where neither corporate governance nor regulatory authorities are held accountable

40 - Number 24 - December 2-15, 2023 - ISSN 0970-1710 - www.frontline.thehindu.com -



**COVER STORY** 

#### India's lawless financial capitalism

Today, scamming is commonplace. Scams are even celebrated for the hyper-individuality they showcase. Lawless financial capitalism—cheered on by the state—has infused broader disregard for moral norms and public accountability.

#### **Related stories**

24/ A new growth cycle or myth-making?

29 Inside a bubble

#### ELECTIONS

36/ Advantage BRS in Telangana

#### Interviews:

38/ K. Kavitha

41/ Mallu Bhatti Vikramarka

43/ Asadaddin Owaisi

#### POLITICS

#### 45/ West Bengal:

No let-up in violence at panchayat level

#### 48/ Karnataka:

JD(S) struggling to stay significant

#### SPOTLIGHT

50/ Development in the Himalaya: Fast road to disaster

design: B. Srinivasan Descriptor: iStock Descriptor: Satish Acharya

Acc.No. J07885



ONTENTS

Acc-No. Jo7896

#### IBMRD's Journal of

## Management & Research

Volume - 12, Issue 2 September 2023 | Print ISSN:-2277-7830, Online ISSN: 2348- 5922

1	A study on factors driving effectiveness of Robotic Automation and Business Processes Management Mr. Mahesh Joshi, Mr. Sameer Gado	01-11
2	Life without IOT  Mrs. Abhijita Navnath Jagtap	12-16
3	Big Data Analytics for transforming Indian Business Landscape  Dr. Prakash Ratanlal Rodiya	17-24
4	The Viewpoint of Customers Towards Visiting Malls to Shop in Nashik  Atul Digamber Nandedkar, Dr. Ganesh Chavan	2531
5	Artificial Intelligence in HRM- A Strategic Connection with the people of the Organization in National Interest K. Vinutha, Dr. V. Samunnatha	32-41
6	Digital Marketing and Application of Artificial Intelligence: A Research Review Dr. Malati Nikhil Khokle, Mr. Swapnil Shivaji Narake	42-48
7	An Impact of Artificial Intelligent in transformation of Health Care Dr.N.N.Dighe, Dr.R.B.Gawali	49-57
8	Machine Learning, Data Science and AI in Food Industry: Opportunities, Solutions and Potential  Girish S. Sonawane, Sushil R. Deokar, Prof. Nitin D. Sali, Priti S. Dighe	58-67
9	Social Media as the Marketing Tool for the Pet Food users to adopt Technology for getting Best Deals  Dr. Gadekar Vithal L.	68-73
10	Implementing Employee Performance Management System: A Scoping Review Dr. Kiran Sudi	74-80

# CONTENTS

					1
IRN	<b>ART</b>	7'0	lou	rnal	of
		100		$\mathbf{H}$	

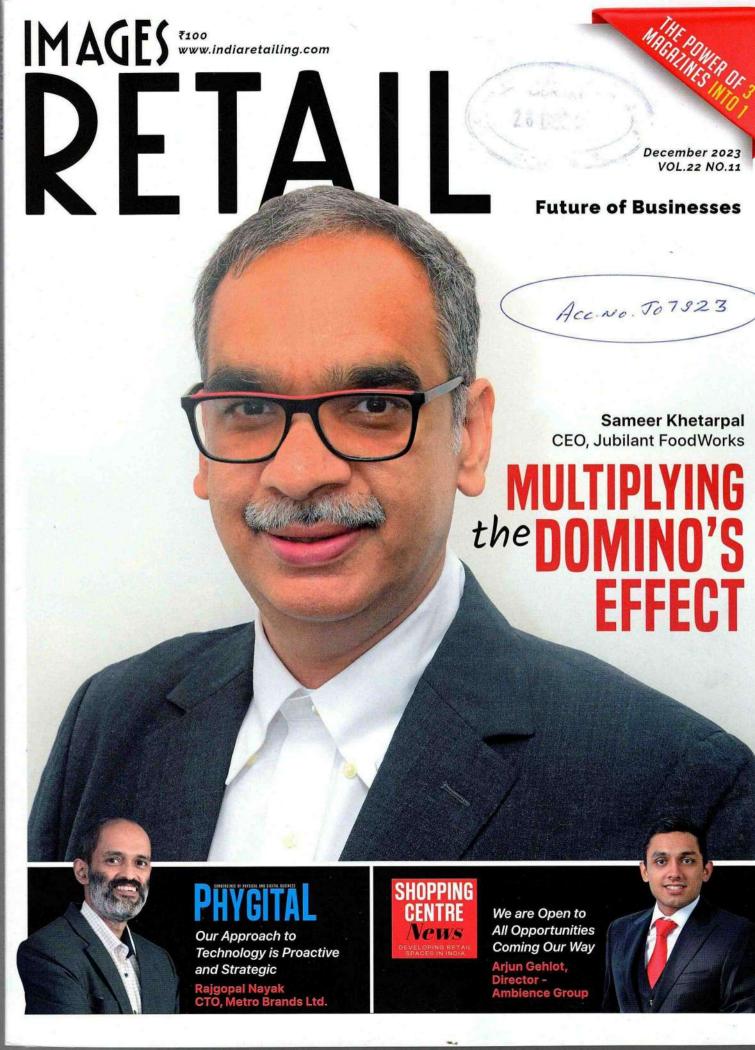
#### Acc. No. J07895

# Management & Research

Volume - 12, Issue 1 March 2023

| Print ISSN:-2277-7830, Online ISSN: 2348- 5922

1	The Rise of Metaverse in Global Sports Brands: Cross Case Analysis  Mr. Souvanik Jana	01-08
2	Customer Awareness and Perception towards Payment Banks in India (A Study of Ludhiana City)  Ms. Priya Ahuja	09-20
3	Minimizing Risk in Agriculture by Application of Artificial Intelligence Dr. S.B. Raut, Prof. Ms. P.R. Hasnale, Prof. Mrs. J.S. Raut	21-29
4	Artificial Intelligence for Smart Farming: A review Shirsath H.L, Bhosale A. V., Jadhav B. D., Khedekar M.	30-36
5	A Study on Role of Artificial Intelligence in Human Resource Management Rutuja Madhukar Kharde	37-43
6	Skill Gap Analysis of computer science graduate students of Universities in Marathwada  Usha Bandopant Shete, Syed Azharuddin	44-54
7	Role of Data Mining in Higher Education Sector  Mrs. Suwarna Mulay, Dr. Shubhangi Potdar	55-59
8	Application of AI Technology in Modern Digital Marketing  Prof. Ganesh Antre	60-66
9	Virtual and Augmented Reality: Impact on Accounting  Prof. Nachiket Vijay Deodhar, Dr. Murari Premnath Sharma	67-78
10	An Article on Optimizing Digital Marketing with Data Science  Dr. Anil Khandare	79-85
11	Impact of Cashless Transactions on the Self-Employed Women of Ahmednagar District  Mrs. Snehal Nirmal, Dr. Kalpana M. Gholap, Dr. Yogesh V. Torawane	86-94



# RETAIL

8.

**National Newsmakers** 

14.

#### In Conversation

We Established the Concept of Digitalfirst Franchising in India – Zenil Shah, MarcoWagon

Zenil Shah on bringing leading international brands to India, posting 200% growth yearon-year since inception and launching a TJ Maxx-kind of store in India



22.

#### Category Watch | QSR

The Indian QSR Spread

An overview of the quick service restaurants segment in India and key players that are driving its growth

28.

#### Category Watch | Frozen Desserts

Technology is the Driving Engine Behind Our Operations

Mohit Khattar, CEO, Graviss Food Pvt. Ltd.-Baskin Robbins India, speaks about expansion strategies, technology adoption and the brand's evolution over 30 years of its existence in the country 31

#### Category Watch | Beverages

**Coffee with Consciousness** 

How QSR chain Coffee Culture is brewing success with a strategic and eco-friendly approach

32.

#### Category Watch | Fast Food

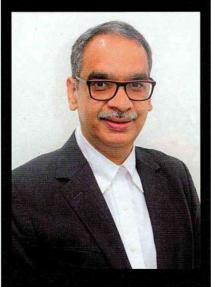
We Want to be a Formidable Company in the Next 2-3 Years - Sagar Daryani, Wow! Momo

Wow Momo is now eyeing the next stage of its evolution with a global presence, a sizzling IPO and an entry into packaged foods

18.

**Cover Story** 

Jubilant FoodworksMultiplying the Domino's Effect



Jubilant FoodWorks wants to replicate the roaring success of its pizza brand Domino's in other food categories like chicken and Indian Chinese. A look into what's cooking in the company's strategy kitchen



34.

#### Category Watch | Beverages

We Sell Approximately 4.5 lakh Kulhad Teas Daily – Anand Nayak, Chai Sutta Bar

Anand Nayak, Co-founder of Indore-based tea chain Chai Sutta Bar, delves into the brand's story, success mantras, grand plans, and much more

36.

#### Awards | CCGSA

Nature's Basket, Reliance Retail Shine Brightest at the 16th Coca-Cola Golden Spoon Awards 2023

40.

#### Awards | PIFSA

Look Who Took Home a Trophy at 7th Pepsi IMAGES Food Service Awards, 2023

44.

#### Research

Warehousing Demand Hit a Record High of 4.8 mn. sq. m. in FY 2022: Knight

The report provides a detailed analysis of the transaction volumes across multiple industry sectors, including manufacturing (automotive, energy, and chemicals), retail, third-party logistics (3PL), e-commerce, fast-moving consumer goods (FMCG) and fast-moving consumer durables (FMCD)

# SHOPPING CENTRE News DEVELOPING RETAIL SPACES IN INDIA

48.

#### Store Arrivals

New store Launches in Shopping Centres Across India

52.

#### Retail Icon

We are Open to All Opportunities Coming Our Way - Arjun Gehlot, Ambience Malls

Arjun Gehlot, Director - Ambience Group, speaks on the Group's current focus areas for malls, innovations and prospects



56.

#### Report

Retail Leasing Overview of Tier I Cities of India -Anarock

The report presents a comprehensive insight into the leasing dynamics of the top seven cities including Mumbai, Delhi-NCR, Bengaluru, Kolkata, Pune, Hyderabad and Chennai, during the first half (H1) of 2023



60.

#### Mall Watch

#### The Black Friday Round-up

A report on the preparations, offers and response across leading malls on the Black Friday Sale, a trend that is fast catching on in the country



64.

#### What's Hot

Inside the All-new Amanora Mall Food Court

Pune-based Amanora Mall's revamped 1200-seater foodcourt has a fresh look, new amenities and a sizzling combination of food brands

68.

#### Snapshots

Special Events in Shopping Centrs Across India

# PHYGITAL

72.

#### **Retail Tech**

#### Digital, Served Hot

Here's how QSR chains are adopting tech to enhance efficiency and elevate customer experience

74.

#### Tech Icon

Our Approach to Technology is Proactive and Strategic

Rajgopal Nayak, Chief Technology Officer, Metro Brands Ltd. on the footwear major's approach to technology, focus areas and tech interventions



78.

#### **Tech Trend**

#### **RFID Back in Business**

A look at why decision-makers across retail are looking at investing in RFID, a 50-year-old technology that has risen to prominence again



82.

#### Supply Chain

#### The Tech Advantage

Four critical areas in supply chain where D2C and omnichannel brands can use technology to drive efficiency and customer delight

84.

#### E-commerce

#### Visual Search Benefits Brands See

E-commerce players across the globe are reaping tangible benefits by offering visual searches to their customers

86.

#### Sustainability

#### The Green Offshoots

A look at the different initiatives taken by players in the retail ecosystem to reduce their carbon footprint, many of which are driven by technology

90.

#### Report

#### An Overview of the Global Warehousing Industry 2023

A recent study by Zebra
Technologies found that
warehouse leaders continue
investing in data-powered
environments that efficiently
balance automation and
optimized human labour across
the supply chain

## INDIAN ECONOMY &MARKET

Vol. 8 | Issue 6 | No. 90 | December 2023 | ₹100

Have You Ever Heard Anarcho-Capitalism?

An Onerous Deal: IPEF Supply Chain Agreement

Big Picture: The Weaponization of the Dollar

Do We Really Need Common BRICS Currency?

11 Leadership Lessons from the World Cup

In Rising India Just Cruise with Confidence

Renewable Power Trading Got a Hit in 2023

ACC-NO TO 7914

COVER STORY

Pharmaceutical Sector

# FINDING ITS MOJO BACK

After a hiatus, Indian pharma shares surged, outperforming frontline indices, driven by US market gains, cost cuts, and successful product launches.

**FACE TO FACE** 

"Bullish on Construction, Infrastructure and Capital Goods related Companies"

**Sudip Bandyopadhyay** 

Group Chairman, Inditrade Group of Companies

# CONTENTS





08 BIG PICTURE
The Weaponization of the Dollar



14 GLOBAL VIEW Ever Heard Anarcho-Capitalism?

#### 42 MARKET

- · IPEF Supply Chain Agreement
- Market Buzz



28 FACE TO FACE Sudip Bandyopadhyay Group Chairman, Inditrade Group of Companies

#### **ECONOMY**

- Renewable Power Trading got a hit in 2023
- Do We Really Need Common BRICS Currency?
- · 11 Leadership Lessons from the World Cup
- · In Rising India Just Cruise with Confidence

#### **ALL REGULARS**

- · Spotlight
- Bookworm's Bite
- · Power Talk
- Success Mantras
- · Leaves From a Yogi's Life

#### CUSTOMER CARE: +91-7020145269 (24=7)

#### **Subscription Service**

Visit www.indianeconomyandmarket.com to subscribe

You can subscribe by mail or phone

Customer Care: +91-70201 45269, Email: indianeconomy marker is great and Post: Scintilla Communications LLP

No. 203, Swami Classic, Narhe Road, Near Navale Hospital Back Sate Dhayri Phata, Pune – 411 041. Tel: +91-70201 45269

Also available on https://www.magzter.com/N/Scintilla-Communications

Substitute to Note:
In case you have note Case or have any agent regarding your substitutions about the Parish (See What Age of Parish (See )

#### INDIAN ECONOMY &MARKET

Vol. 8 | Issue 6 | No. 90 | December 2023

RNI Reg. No: MAHENG/2016/71348

#### **Mission Statement:**

We believe that ideas can, and must, change our world to give everyone on this planet their due right to live with dignity. Ideas that set the agenda for public policy debate, encourage inclusive economic growth and foster a sense of the environmental community.

Editor

Krishna Kumar Mishra

Associate Editor

Shabahat Manzoor A.

Art Director

Avinash Rajurkar

Photographer

Mangesh Chavarkar

Digital Team Head

Tushar Tajane

Manager - Digital Marketing

Vaishnavi Bhagat

Contributing Editor Prof. P Raja

Advisory Board

Dr. Ajai Kumar Agarwal, Chairman CA Yogesh Birla

Managing Director Amolikka Mishra

Marketing & Sales

Willy Rumao

Manager – Coordination Shweta Shinde

Manager - Subscription & Circulation Pradeep Kulkarni

Registered Office

Scintilla Communications LLP

105.4. Ground Floor, Mumbai Samachar Marg, Fort, Mumbai – 400 001

Corporate & Correspondence Office

Scintilla Communications LLP

Dhayri Phata, Pune - 411 041

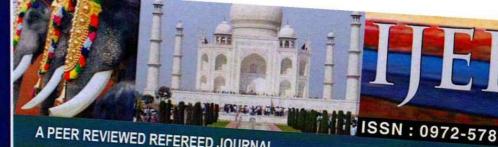
Editor: Krishna Kumar Mishra

No. 203, Swami Classic, Narhe Road, Near Navale Hospital Back Gate,

Printed, published and owned by Krishna Kumar Rasho Pam Mishra and printed at Digwijay Printing Pleas, Saptarshi Bidg., Daftary Road, Malad (East), Mumbai – 400 097 and published at 105.4. Ground Floor, Opp Bharat House, Mumbai Samachar Marg, Fort, Mumbai, Pin Code – 400 001.

All rights reserved throughout the world.
Reproduction in any manner is prohibited.

Released for the month of December 2023 Volume 8, Issue 6, December 2023 Total Number of Pages 52, including Cover



A PEER REVIEWED REFEREED JOURNAL

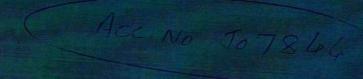
## Indian Journal of

# ECONOMICS & BUSINESS

Volume 22

Number 2

Year 2023





SERIALS PUBLICATIONS (P) Ltd. www.serialsjournals.com

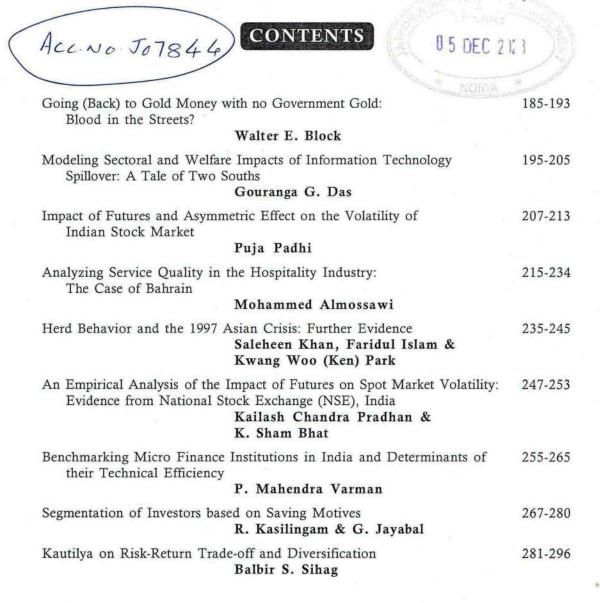
New Delhi (İndia)

# INDIAN JOURNAL OF ECONOMICS & BUSINESS

Volume 22

No. 2

July-December 2023



Inpatient Health Care Expenditure: Some New Evidences from Rural Kerala	297-307
A. Ashokan & P. Ibrahim	
The Role of Scientists and Engineers Engaged in R&D in the Process of Economic Growth	309-321
Rajeev Sooreea	
Book Review	323-325

# Journal of Supply Chain Management

Original Articles	Conceptual wanderlust: How to develop creative supply chain theory with analogies	3
	Richard L. Gruner and Damien Power	
	Learning to see modern slavery in supply chains through paradoxical sensemaking	22
	Bruce Pinnington and Joanne Meehan	22
	Sustainability-related transgressions in global supply chains:	
	When do legitimacy spillovers hurt buying firms the most?  Ivana Mateska, Christian Busse, Andrew P. Kach and Stephan M. Wagner	42

#### Societal Impact Article

Transforming food supply chains for sustainability Miguel I. Gómez and Deishin Lee

79



ACC.NO. J07927



# LBS JOURNAL OF MANAGEMENT & RESEARCH



# LBS JOURNAL OF MANAGEMENT & RESEARCH

Volume 21 Number 1 2023

E-Acc. No Jo7843 Content	0 5 Dec 2
Board gender diversity and firm performance: new evidence from cultural	NOIDA
diversity in the boardroom.  Authors: Ashikul Kabir, Saiyara Shabbir Ikra, Paolo Saona, Md. Abul Kalam Azad	1
Service quality in the healthcare sector: a systematic review and meta- analysis	
Authors: Mushtaq Ahmad Darzi, Sheikh Basharul Islam, Syed Owais Khursheed, Suhail Ahmad Bhat	13
Predictors of strategic procurement performance metrics adoption in county	7
governments: empirical evidence from Kakamega county government, Kenya Author: Kennedy Otemba Odongo, Isaac Kazungu	
Greenwashing: a rapid escape from sustainability or a slow transition? Authors: Seda Yildirim	53
Moderating effect of gender on service convenience and customer	
satisfaction: an empirical study of Indian e-retailers	64
Authors: Sheeraz Shamsi, Sablu Khan, Mohd Afaq Khan	04
Why customers buy an online product? The effects of advertising	
attractiveness, influencer marketing and online customer reviews	81
Authors: Mohammad Arief, Rita Indah Mustikowati, Yustina Chrismardani	01
Leadership dynamics and Covid-19 crisis management in Singapore: a	
Authors: Paul Kojo Ametepe, Uchechi C. Onokala	100
Authors: I auf Rojo Ametepe, Ochechi C. Offokala	
Leadership and power dynamics in crisis management: implication for brain	1-
drain behaviour – Singaporean government experience during Covid-19 Authors: Olusegun Emmanuel Akinwale, Uche C. Onokala, Olayombo Elizabeth Akinwale	115
Evaluating the impact of internal control systems on organizational effectiveness	135
Authors: Frank Nana Kweku Otoo, Manpreet Kaur, Nissar Ahmed Rather	



## LIBRARY

## HERALD

ACC-NO. J07861

#### A Peer Reviewed

#### JOURNAL OF THE DELHI LIBRARY ASSOCIATION Vol 61 No 3 September 2023

0	Sh. M L Kachroo: A Legend of School of Library Science, DLA
0	Mapping the Research Collaboration Trend in Centrally Funded Technical Institutes (CFTIs)of India
0	Influence of the NAHEP-IG Initiative on UASR: A Captivating Case Study
0	Rationality of Working Days for LIS Online Course: A Student Centric Solution
0	Research Productivity of Sri Venkateswara University, Andhra Pradesh: A Scientometric Study
0	Usability Study of Digital Collections of Select Special Libraries attached to Ministry of Culture, Government of India
0	User Awareness about Marketing of Library Products and Services: A Study of University College of Medical Sciences and Vallabhbhai Patel Chest Institute, University of Delhi, Delhi
0	Application of Artificial Intelligence to Replace Academic Libraries: The Librarians Perspective
0	Obituary M. L. KACHROO
0	Obituary V K Vijan

#### LIBRARY HERALD

#### A Peer Reviewed Journal

September 2023

Vol 61 No 3

CONTENTS
Articles
Sh. M L Kachroo: A Legend of School of Library Science, DLA
JNANENDRA NARAYAN SINGH AND TARUNA JOSHI 1
Mapping the Research Collaboration Trend in Centrally Funded Technical
Institutes (CFTIs)of India
SHANKAR B. CHAVAN AND KESHAVA 9
Influence of the NAHEP-IG Initiative on UASR: A Captivating Case Study
SHILPA S. UPLAONKAR, M. P. SINGH AND M. G. PATIL 20
Rationality of Working Days for LIS Online Course: A Student Centric Solution
SOUMEN MALLIK 30
Research Productivity of Sri Venkateswara University, Andhra Pradesh: A Scientometric Study
BALAJI MADDISETTY AND K SUREDRA BABU 36
Usability Study of Digital Collections of Select Special Libraries attached
to Ministry of Culture, Government of India
PINKI SHARMA AND SHIVCHARAN 51
User Awareness about Marketing of Library Products and Services: A
Study of University College of Medical Sciences and Vallabhbhai Patel
Chest Institute, University of Delhi, Delhi
PRITI SHARMA AND R K BHATT 66

Application of Artificial Intelligence to Replace Acad	demic Libraries: The
Librarians Perspective	
MAYA CARVALHO E RODRIGUES	89
Obituary M. L. KACHROO	
ANITA KHACROO	99
Obituary V K Vijan	
JNANENDRA NARAYAN SINGH	101

THE SCOTUS RULING'S STEEP TALENT COST

PUT YOUR STARS IN THE RIGHT ROLES

PAGE 58

WHY STOCK BUYBACKS
AREN'T ALL BAD

WHO DECIDES
GIG WORKERS' PAY?

PAGE 62

PAGE 42

PAGE 7

Sloanreview.mit.edu Fall 2023 • Vol. 65 • No.

Management Review

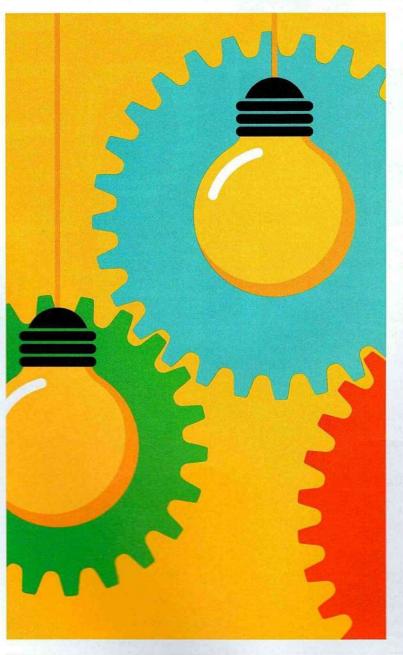
Acc. No. Jo 7838

INNOVATION SYSTEMS

Advancing Practices to Create New Value

# Contents

FALL 2023 | VOLUME 65, NO. 1



# SPECIAL REPORT: INNOVATION SYSTEMS

Advancing Practices to Create New Value

#### 22 Unleash the Unexpected for Radical Innovation

Breakthrough inventions arise unpredictably. Better exploration can identify surprising opportunities. By Wenjing Lyu, Gina Colarelli O'Connor, and Neil C. Thompson

#### 29 Rethinking Governance for Digital Innovation

Rapid, iterative, customer-centric innovation is possible in large companies — but not if you carry over your traditional ways of working. Innovative ventures need innovative governance.

By David L. Rogers

#### 34 Lego Takes Customers' Innovations Further

Three new insights about Lego Group's open innovation practices highlight the benefits of integrating customer communities into product development operations. By Michela Beretta, Linus Dahlander, Lars Frederiksen, and Arne Thomas

#### 38 The Profound Influence of Small Choices in Digital Collaboration

Simple decisions about how to use collaboration tools can set teams on a path toward either incremental or breakthrough innovations. By Wietske Van Osch and Burcu Bulgurcu

#### **FEATURES**

#### 42 How Outlawing Collegiate Affirmative Action Will Impact Corporate America

Leaders who remain committed to hiring high-potential talent and offering equal opportunities to members of disadvantaged groups must reconsider their workforce pipelines. By Derek R. Avery

#### 46 Procurement in the Age of Automation

Automated negotiations can cause anxiety among business leaders, buyers, and suppliers despite the benefits. Here's how to overcome resistance. By Remko Van Hoek and Mary Lacity

#### 54 Using Federated Machine Learning to Overcome the AI Scale Disadvantage

A promising new approach to training AI models lets companies with small data sets collaborate while safeguarding proprietary information. By Yannick Bammens and Paul Hünermund

#### 58 Identify Critical Roles to Improve Performance

Putting strategy into play requires knowing your organization's crucial roles and making sure your best talent occupies them. By Boris Groysberg, Eric Lin, Abhijit Naik, and Sascha L. Schmidt

#### 62 Who Should Price a Gig?

Successful platforms must balance economic considerations and power dynamics with providers and customers as they determine who sets prices. By Jovana Karanovic, Elizabeth J. Altman, and Carmelo Cennamo

#### 68 Taming the Counterfeiting **Epidemic**

A multilayered approach is essential to effectively combat counterfeiting and unauthorized sales. By Robert Handfield, Anand Nair, and Thomas Y. Choi

#### 74 Harnessing Grassroots Automation

With a modest amount of training, nontechnical employees can automate complex processes and generate significant value for their organizations. By Ian Barkin and Thomas H. Davenport

#### 79 CEOs Can Make (or Break) an Organization Redesign

Changing processes and structures requires full-on CEO engagement, but many CEOs have difficulty staying in control throughout the process. By Herman Vantrappen and Frederic Wirtz



#### LEADERSHIP LESSONS

#### 88 Why Can't We Get Meetings Right?

Coaching for the Future-Forward Leader. By Sanyin Siang

#### FRONTIERS

#### 7 The Case Against Restricting Stock Buybacks

A large-sample study of share repurchasing finds that most criticisms against the practice appear to be unfounded. By Nicholas Guest, S.P. Kothari, and Parth Venkat

#### 10 The Myth of the Mainstream

Chasing the mass market is a losing proposition for marketers in a polarized culture. Allying with the subculture that loves you is the best way to drive brand success. By Marcus Collins

#### 12 Why the Power of Technology Rarely Goes to the People

A new book reviewing 1,000 years of technological progress reveals how it benefits entrenched interests. By Daron Acemoglu and Simon Johnson, interviewed by Kaushik Viswanath

#### 15 Countering the Corporate Diversity

As opponents of inclusive business practices grow more vocal, leaders are backing down from diversity promises or going quiet. Here's what they should do instead. By Victor Ray and Tsedale M. Melaku

#### 17 The Potency of Shortcuts in **Decision-Making**

A growing body of research suggests that CEOs who use heuristics can make more effective decisions than those who take a more comprehensive approach. By Sebastian Kruse, David Bendig, and Malte Brettel

#### IN EVERY **ISSUE**

- 1 From the Editor
- 85 Executive **Briefings**

12



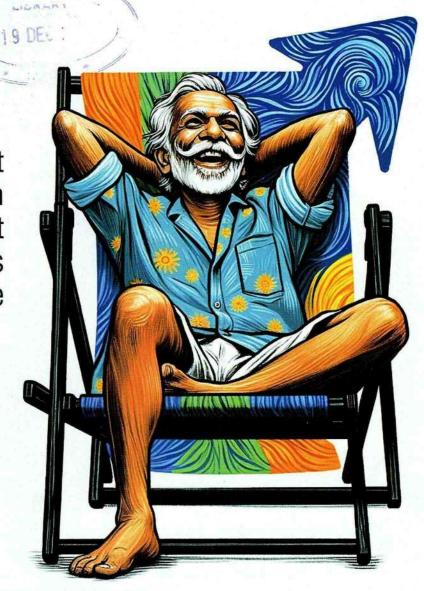
# Mutual Fund Insight

anuary 2024 ₹150

ACC.NO. JO 7897

# How to save enough for retirement

You can't rely on high investment returns alone



# CONTENTS

# JANUARY 2024

Volume XXI, Number 4

# **EDITORIAL PRINCIPLES**

Value Research is an independent investment research company. Our goal is to serve our readers with data, information and knowledge that inform them about savings and investments and help them learn how to make better choices.

The basis of our work is the trust reposed in us by our readers. We are independent, fair and honest. We are committed to achieving the highest level of accuracy and impartiality in everything that we publish.

We recognise that the nature of our work is such that it influences decisions that affect our readers' future. We strive to bear this responsibility with humility. We recognise that while it is not possible to be 100 per cent accurate, it is possible to always strive to achieve that standard to the best of our abilities.

#### **EDITOR-IN-CHIEF** Dhirendra Kumar

#### RESEARCH AND EDITORIAL

Aakar Rastogi, Agnisheik Chatterji, Ashish Menon, Ashutosh Gupta, Chirag Madia, Hrithik Madan, Karan Jaiswal, Khyati Simran Nandrajog, Pankaj Nakade, Piyush Syal, Sandeep P, Shruti Agarwal, Shubham Jain, Sneha Suri & Ujjal Das

#### DESIGN

Anand Kumar, Aprajita Anushree, Kamal Kant, Mukul Ojha & Nitin Yadav

#### PRODUCTION MANAGER & CIRCULATION Hira Lal: +91-9958058407

#### **ADVERTISING**

Venkat K Naidu: +91-9664048666 Biswa Ranjan Palo: +91-9664075875

Aastha Tiwari, Ashish Jain, Jash Ashar & Kasturi Kaushik

#### SUBSCRIPTION

Shipra Srivastava: +91-9868891830 Chhaya Verma: +91-9560200520

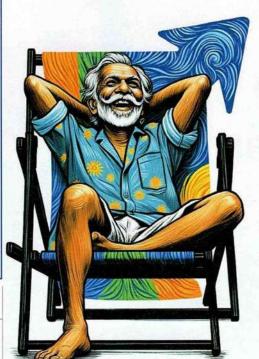
### CORRESPONDENCE ADDRESS

Editor, Mutual Fund Insight 5 Commercial Complex, Chitra Vihar, Delhi-110092, India

E-MAIL: editor@valueresearchonline.com

# **Mutual Fund Insight**

33 COVER STORY



# How to save enough for retirement

The magic number doesn't rely on high investment returns alone

### 16 | FUND RADAR

# The fund that can make IPOs make sense

Putting Edelweiss Recently Listed IPO Fund under the lens



### 18 | FUND RADAR

- ▶ 10 Indian funds that are riding the taldal wave
- > Zomato: FOMO or the next big thing?



## Calendar 2024



2023 Value Research India Pvt. Ltd. Mutual Fund Insight is owned by Value Research India Pvt. Ltd., 5, Commercial Complex, Chitra Vihar, Delhi 110092. r. Printed and published by Dhirendra Kumar on behalf of Value Research India Pvt. Ltd. Published at 5, Commercial Complex, Chitra Vihar, Delhi 110 092. Printed at Option Printofast, 46, Patparganj Industrial Area, Delhi -92. 9 | FIRST PAGE Do more Dhirendra Kumar



- 10 INSIDE FUNDS
  Unveiling Helios' first portfolio
- 12 VALUE RESEARCH PREMIUM

  Navigating towards your financial goals

  Unique goals mean unique investment
  paths for each investor
- 14 | FUND RADAR | High-profile exits in two AMCs: Should you worry? | We explore if key fund manager departures affect fund performance
- 22 | SPECIAL REPORT | Target-maturity funds: In a bull's eye phase | With interest rates topping out, these funds shine | bright. Here's an update on them.
- 26 | SPOTLIGHT

  'Indian equities likely to be a bright spot in global markets'

  Manish Gunwani
- THE PLAN

  How to handle market volatility with confidence

  The financial plan for an anxious

  35-year-old
- 42 CATEGORY WATCH
  The resurgence continues
  With high return expectations, the future of short-duration funds looks bright

- 44 | FUND ANALYSTS' CHOICE | Four short-duration funds handpicked | by our analysts
- 47 | SIP SAHI HAI | Enjoy your investing journey with SIPs
- 48 INVESTORS' JOURNEYS
  Chronicles of a year
  Shyamali Basu



- 50 | ASK VALUE RESEARCH
  All your savings and
  investment queries answered
- 53 | SCOREBOARD
  The most comprehensive fund
  scorecard with key performance
  numbers and investment details
- 82 | INDEX FUND SCOREBOARD
  A feature to help you track index funds
- 87 | ETF SCOREBOARD | Simplifying your selection process
- 94 | TOP-RATED FUNDS Funds that are at the top of the Value Research food chain
- 96 | SIP RETURNS Value of a ₹10,000 monthly SIP across different time periods

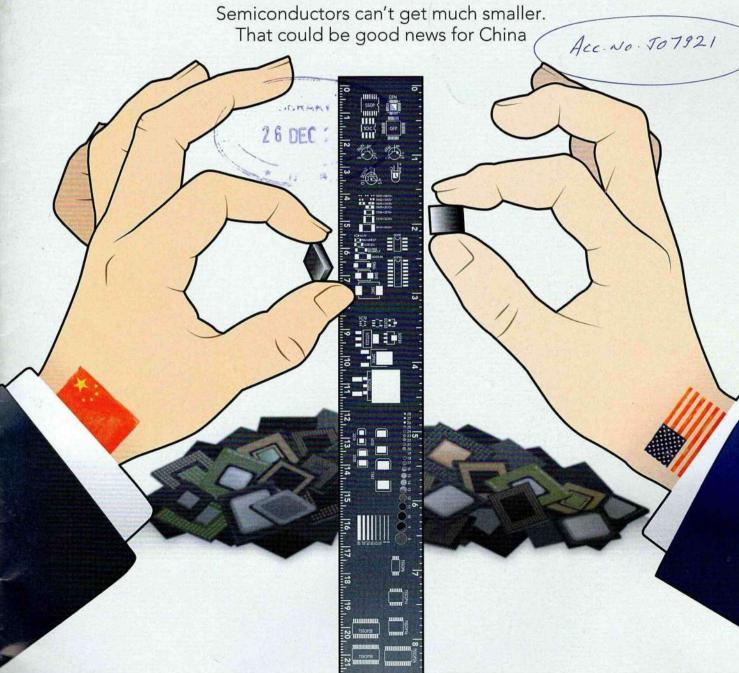
Corrigendum: The FY '23 net profit figures of Bandhan Mutual Fund, Baroda BNP Paribas Mutual Fund and ITI Mutual Fund were wrongly mentioned as ₹879 cr, -₹69 cr and ₹41 cr on page 14 of our November 2023 issue. The correct figures are ₹88 cr, -₹6.9 cr and -₹41 cr, respectively. Inconvenience caused is deeply regretted.

South Korea's EV battery makers rethink China deals POLITICS & ECONOM

US-China rivalry hits home in the Philippine province of Cagayan page 32

NIKKEI.com NIKKEI.COM NIKKEI.ASIa

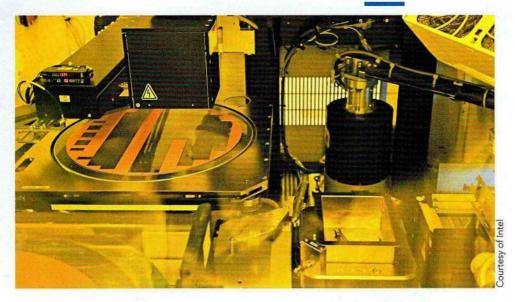
The great nanometer chip race





U.S.: US\$6 / Japan: ¥600 (¥545 excluding tax) / Euro: EUR6 / U.K.: £4 / Australia: A\$8 / Bangladesh: TK480 / Brunei: B\$9 / Cambodia: US\$6 / Canada: C\$9 / China: RMB50 / Hong Kong: HK\$50 / India: Rs200 / Indonesia: Rp72000 / Korea: W7500 / Macau: HK\$50 / Malaysia: RM20 / Mongolia: US\$6 / Myanmar: US\$6 / Nepal: NR470 / New Zealand: NZ\$9 / Pakistan: Rs600 / Philippines: P280 / Singapore: S\$9 / Sri Lanka: Rs800 / Switzerland: CHF10 / Taiwan: NT\$200 / Thailand: B210 / Turkey: TL16 / UAE: AED27 / Vietnam: US\$6 IS\$N: 2188-1413

# CONTENTS



THE BIG STORY

# LESS IS MOORE

CHENG TING-FANG/LAULY LI Taipei

How the great nanometer chip race could work to China's advantage

### DATAWATCH

The US and China butt heads over investment in Southeast Asia KENYA AKAMA/YUJI NITTA

# OPINION



PRIYANKA KISHORE China's slowdown will not stop

growth in Southeast Asia

- 10 Time to start planning the postwar future of Myanmar's military ZACHARY ABUZA
- 12 Editorial: Beijing must act now on the Evergrande crisis

# BUSINESS

New US rules force South Korea's EV battery makers to rethink their China deals

KIM JAEWON Seoul



From Singapore to South Korea, commercial property deals falter **DYLAN LOH** Singapore

Japanese hotel operators turn historical buildings into trendy stays KATSUYUKI TANIMOTO Osaka

#### THROUGH THE LENS

30 | Illuminating experience

Cover illustration by Hiroko Oshima

Follow us @NikkeiAsia









CORRECTION: The story "Out of options," in the Dec. 4-10 issue ("Pakistan on the edge"), misstated the month that Pakistan's inflation hit 36% this year. It was in April, not October.

#### **POLITICS & ECONOMY**

32 The US-China rivalry hits home in the Philippine province of Cagayan NICK ASPINWALL Santa Ana, Philippines

36



Albanese urged to end Australia nuclear 'ban' to hit net-zero goal MITCH RYAN Melbourne

- 38 Cambodia's draft data protection law fans fears of government abuse

  FIONA KELLIHER Phnom Penh
- 40 Malaysia plans new wage scheme to tackle inequality NORMAN GOH Kuala Lumpur
- 41 India and Vietnam lead the way as Asia's love of coffee grows

  LIEN HOANG Ho Chi Minh City

### LIFE & ARTS

42 Exploring India's ancient
Silk Road in Ladakh
MALAVIKA BHATTACHARYA Leh. Ladakh

#### TEA LEAVES

45 For Tokyoites, bicycles are the wheel deal JEREMY SMART

# ON THE WEB



INTERNATIONAL RELATIONS

Taliban vow to finish disputed canal at 'any cost'



SUPPLY CHAIN

TAIPEL

Apple to move key iPad engineering resources to Vietnam



HONG KONG SECURITY LAW

Hong Kongers shun 'patriots only' polls as turnout plummets to 27.5%

# NIKKEI Asia

Dec. 18-24, 2023 | No. 508 Nikkei Asia is published by Nikkei Inc., 1-3-7 Otemachi, Chiyoda-ku, Tokyo, 100-8066, Japan

#### TOKYO

81-3-3270-0251 -

Inquiries: asia.nikkei.com/contact Ad: global.inquiry@nex.nikkei.co.jp

#### NEW YORK

Sales: nar\_us@nex.nikkei.com
Ad: ad.nikkeiamerica@nex.nikkei.com

#### LONDON

44-20-7873-4233
Sales: narsubs@ft.com
Ad: ad@eur.nikkei.com

#### SINGAPORE

65-6336-4122

Sales: sgna@nex.nikkei.co.jp
Ad: sgad@nex.nikkei.co.jp

#### HONG KONG

852-2598-1771

Sales & Ad: hkna@nex.nikkei.co.jp

#### EDITORIAL OFFICES

Asia: Tokyo, Beijing, Dalian, Shanghai, Guangzhou, Chongqing, Hong Kong, Taipei, Seoul, Manila, Hanoi, Bangkok, Yangon, Singapore, Kuala Lumpur, Jakarta, Sydney, New Delhi, Mumbai

Europe: London and 11 bureaus Americas: New York and six bureaus

All rights reserved. Using the content for commercial purpose, citing, reproducing, editing, summarizing, or translating the contents without prior permission of Nikkei Inc. is strictly prohibited.

Subscribe for full access to exclusive insights on Asia



https://s.nikkei.com/NAsub

For more exclusive web content visit us online at asia.nikkei.com





ISSN: 2188-1413

### CONTENTS



14

THE BIG STORY

# THE CHOICE

THOMPSON CHAU Kaohsiung/Taipei

Compromise or confrontation?
Taiwan's upcoming election could decide its future with Beijing

### 5 THINGS TO KNOW

7 What China's graphite export curbs mean for EVs
KIM JAEWON/RYOHTAROH SATOH

# OPINION

8



LAVINA LEE

Australia's Albanese paid a high price for his trip to China

The US does not have to choose between Ukraine and Taiwan STEPHEN G. BROOKS/ WILLIAM C. WOHLFORTH

12 Editorial: International actors must work to revive the Gaza truce

## BUSINESS

22



D B 通义干问。



Clouds gather over Alibaba's key unit after IPO plans shelved CISSY ZHOU Hong Kong

25 Seibu opens an upscale store in Malaysia as Japan's retailers seek Southeast Asian growth MOE SAITO/MAYUKO TANI Tokyo/Kuala Lumpur

26 Bedbugs threaten Asia's post-COVID travel recovery GRACE LI/KIM JAEWON Hong Kong/Seoul

Cover photo: Supporters of Taiwan's ruling Democratic Progressive Party, which aims to defend the island's sovereignty, gather at the party's campaign headquarters in Taipei on Dec. 3, ahead of the presidential election in January. (Photo by Hiroki Endo)

Follow us @NikkeiAsia









New overtime restrictions for Japanese truckers risk an economic pileup CHIHIRO ISHIKAWA Saitama, Japan

34



Singapore's property playground for rich foreigners hits a rough patch **DYLAN LOH** Singapore

Zelenskyy says there will be no Ukraine peace talks until a full Russian withdrawal HIROYUKI AKITA KVIV

# brid LIFE & ARTS

Hit cookbook explores the multiethnic roots of Taiwanese cuisine MELINDA JOE Taipei

## TEA LEAVES

Asia's overland hippie trail falls victim to geopolitics TOM VATER

# ON THE WEB



COP28

What COP28 vow to triple renewable energy means for Asia



BANGKOK, 9797505

New Bangkok megamall EmSphere opens with IKEA, dining



INTERVIEW

Jim Rogers warns that global 'good times' are nearing the end

Dec. 11-17, 2023 | No. 507 Nikkei Asia is published by Nikkei Inc., 1-3-7 Otemachi, Chiyoda-ku, Tokyo, 100-8066, Japan

#### TOKYO MARA 128

81-3-3270-0251

Inquiries: asia.nikkei.com/contact Ad: global.inquiry@nex.nikkei.co.jp

#### NEW YORK

Sales: nar\_us@nex.nikkei.com Ad: ad.nikkeiamerica@nex.nikkei.com

#### LONDON

44-20-7873-4233 Sales: narsubs@ft.com Ad: ad@eur.nikkei.com

#### SINGAPORE

65-6336-4122 Sales: sgna@nex.nikkei.co.jp Ad: sgad@nex.nikkei.co.jp

> HONG KONG 852-2598-1771

Sales & Ad: hkna@nex.nikkei.co.jp

#### **EDITORIAL OFFICES**

Asia: Tokyo, Beijing, Dalian, Shanghai, Guangzhou, Chongging, Hong Kong, Taipei, Seoul, Manila, Hanoi, Bangkok, Yangon, Singapore, Kuala Lumpur, Jakarta, Sydney, New Delhi, Mumbai

Europe: London and 11 bureaus Americas: New York and six bureaus

All rights reserved. Using the content for commercial purpose, citing, reproducing, editing, summarizing, or translating the contents without prior permission of Nikkei Inc. is strictly prohibited.

Subscribe for full access to exclusive insights on Asia



https://s.nikkei.com/NAsub

or more exclusive web content visit us online at asia.nikkei.com

Southeast Asia banks on vear-end tourism boost

Thai leader Srettha faces hard sell in party's e-wallet plan to stoke economy page 32

asia.nikkei.com

# NKKELASIa

ACC. NO. JO 7856

**Pakistan** on the edge

Afghan refugees bear the brunt of economic turmoil





U.S.: US\$6 / Japan: ¥600 (¥545 excluding tax) / Euro: EUR6 / U.K.: £4 / Australia: A\$8 / Bangladesh: TK480 / Brunei: B\$9 / Cambodia: US\$6 / Canada: C\$9 / China: RMB50 / Hong Kong: HK\$50 / India: Rs200 / Indonesia: Rp72000 / Korea: W7500 / Macau: HK\$50 / Malaysia: RM20 / Mongolia: US\$6 / Myanmar: US\$6 / Nepal: NR470 / New Zealand: NZ\$9 / Pakistan: Rs600 / Philippines: P280 / Singapore: SS9 / Sri Lanka: Rs800 / Switzerland: CHF10 / Taiwan: NT\$200 / Thailand: B210 / Turkey: TL16 / UAE: AED27 / Vietnam: US\$6 ISSN: 2188-1413

## CONTENTS



14

THE BIG STORY

# OUT OF OPTIONS

ADNAN AMIR Islamabad

Pakistan makes
Afghan refugees pay the
price for the country's
economic crisis

# DATAWATCH

7 Older single women face a growing risk of poverty in Japan AIKO MUNAKATA

## OPINION

8



RIZAL RAMLI
Indonesian dynastic politics has crossed over the line

10 Innovation justifies optimism in China's long-term economic outlook WILLIAM BRATTON

12 Editorial: Taiwan's presidential vote is a chance to show the power of democracy

# BUSINESS



ASEAN tourism banks on a year-end boost after a weak Chinese return FRANCESCA REGALADO Bangkok

25 Country Garden's troubled mega project in Malaysia gets a boost as a filming location AMY CHEW Kuala Lumpur

Japan's Sojitz buys Vietnam food wholesaler amid a modernization push

28 Hong Kong's MTR partially exits its Swedish train operations
KENSAKU IHARA Hong Kong

Cover photo: A truck carries refugees back to Afghanistan at the Chaman border crossing amid Pakistan's crackdown on undocumented immigrants. (Photo by Reuters)

Follow us @NikkeiAsia









## THROUGH THE LENS

30 Symbols of tragedy

#### POLITICS & ECONOMY

Thai leader Srettha faces a hard sell in his party's e-wallet plan to stoke the economy

FRANCESCA REGALADO Bangkok

36



ASEAN economies await a cloudy 2024 amid export worries

DYLAN LOH/NANA SHIBATA/RAMON ROYANDOYAN/FRANCESCA REGALADO

Singapore/Jakarta/Manila/Bangkok

South Korea's stock short-selling ban raises political questions KIM JAEWON Seoul

The Maldives' new president ups the ante on India

MARWAAN MACAN-MARKAR Bangkok

## LIFE & ARTS

42 A New Zealand potter crafts a life in rural Okinawa STEPHEN MANSFIELD Motobu, Japan

# TEA LEAVES

Sanskrit's social media revival **BARKHA SHAH** 

# ON THE WEB



CHINA TECH

Alibaba founder Jack Ma starts readymade food company



CHINA UP CLOSE

Analysis: U.S. failed to catch hints Xi Jinping dropped at Filoli summit



JAKARTA/MANILA

Geothermal energy projects heat up in Philippines and Indonesia

# NIKKEI **Asia**

Dec. 4-10, 2023 | No. 506 Nikkei Asia is published by Nikkei Inc., 1-3-7 Otemachi, Chiyoda-ku, Tokyo, 100-8066, Japan

# TOKYO

81-3-3270-0251

Inquiries: asia.nikkei.com/contact Ad: global.inquiry@nex.nikkei.co.jp

#### NEW YORK

Sales: nar\_us@nex.nikkei.com Ad: ad.nikkeiamerica@nex.nikkei.com

#### LONDON

44-20-7873-4233 Sales: narsubs@ft.com Ad: ad@eur.nikkei.com

#### SINGAPORE

65-6336-4122

Sales: sqna@nex.nikkei.co.jp Ad: sgad@nex.nikkei.co.jp

#### HONG KONG

852-2598-1771

Sales & Ad: hkna@nex.nikkei.co.jp

#### EDITORIAL OFFICES

Asia: Tokyo, Beijing, Dalian, Shanghai, Guangzhou, Chongqing, Hong Kong, Taipei, Seoul, Manila, Hanoi, Bangkok, Yangon, Singapore, Kuala Lumpur, Jakarta, Sydney, New Delhi, Mumbai

Europe: London and 11 bureaus Americas: New York and six bureaus

All rights reserved. Using the content for commercial purpose, citing, reproducing, editing, summarizing, or translating the contents without prior permission of Nikkei Inc. is strictly prohibited.

Subscribe for full access to exclusive insights on Asia



https://s.nikkei.com/NAsub

For more exclusive web content visit us online at asia.nikkei.com

Sale and purchase of this copy is likely How To Use Genetic **Bun: Ushering** Algorithms To Build Efficient In A New Era Of ISSN-2456-4885 Machine Learning Models JavaScript Runtime HCC. NO. JO7851 Volume: 12 | Issue: 02 | Pages: 100 | December 2023 THE COMPLETE MAGAZINE ON OPEN SOURCE An EFYGROUP Publication OPTIMISING AGEMENT Large Language Models Helping Manage Data **Managing Data Or** The AWS Platform Why Data Management And Security Can Spell Success For Organisations 0010

How To Use RSS For Privacy And Profit

From 'Mostly Harmless' Distros On A Pen Drive, To Liberated Hardware And More

- a chat with Abhas Abhinay, entrepreneur and free software activist

### FOR U & ME

- Responsible Al: A Call by the **US** Government
- Explainable Al: Enhancing Transparency and Trust
- How to Use RSS for Privacy and Profit
- Web Development: Explore Types and Career Paths

# FOCUS\_\_\_\_

- 35 Role of Open Source in Designing SAN and NAS Systems
- Large Language Models: Helping Manage Data
- Synthetic Data: Illusions, Lies, Deceptions and the Reality

#### **DEVELOPERS**

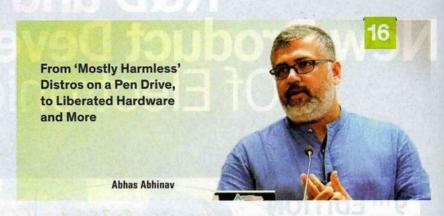
- Putting G, P, and T Together
- **Blockchain Basics**
- How to Use Genetic Algorithms to Build Efficient Machine Learning Models
- Bun: Ushering in a New Era of JavaScript Runtime
- 85 Real-Time Linux Applicability for Hard Real-Time Systems

#### ADMIN \_\_\_

Reducing the Size of Your Docker Image

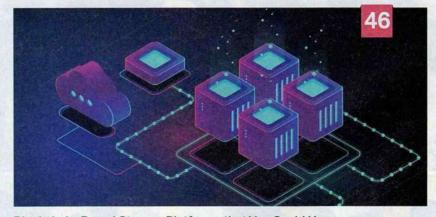
#### OPEN GURUS\_

EdgeX Foundry: Transforming IoT with Edge Computing





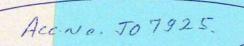
Managing Data on the AWS Platform



Blockchain-Based Storage Platforms that You Could Use

# **REGULAR** FEATURES

FossBytes



# **OPSEARCH**

Journal of the Operational Research Society of India

Official Publication of the Operational Research Society of India





# CONTENTS

Lagi	Section Articles 26 DEC : Acc. No. Jo 7925	
L	A university-wide orientation course timetabling model and its modification for pandemic period	
	A. Ulucan, K.B. Atici and S.B. Sarac	1575
-		1373
-	Third-party logistics intention to provide cold transportation services.  The mediating effect of top management support and organizational	
	readiness in TOE framework	1.000
	M.F.A. Hassan, A.H. Ngah and M.B.Y. Tio	1603
3.	Parallel and series queueing model with state and time dependent service	
	J.D. Aparajitha and K. Srinivasa Rao	1626
4.	Analyzing the nature of a transportation problem before and during COVID-19 pandemic in multi-fuzzy environment	
	R.K. Bera and S.K. Mondal	1659
5.	A new mathematical model and a heuristic algorithm for the tourist	
	trip design problem under new constraints: a real-world application G.D. Yalcin, H. Malta and S. Saylik	1703
6.	Markov approach for reliability-availability-maintainability analysis	
	of a three unit repairable system	
	A.D. Yadav, N. Nandal, S. Malik and S.C. Malik	1731
The	oretical Articles	
7.	On the behaviour of the underrelaxed Hildreth's row-action method	
	for computing projections onto polyhedra	
	T. Katsekpor	1757
8.	An auxiliary problem principle for the solutions of mixed invex equilibrium problems in Banach spaces	
	B.K. Sahu, S. Kumar and S. Pani	1777
Q	A hybrid reptile search algorithm and Levenberg-Marquardt	
-	algorithm based Haar wavelets to solve regular and singular	
	boundary value problems	
	H.A. Omar, V. Snášel and R.M. Rizk-Allah	1793
10.	The state of the s	
- 0.	programming involving V-E-type I functions	
	N. Abdulaleem and S. Treantă	1824

11.	A narrative review of multi-objective optimization on the basis of	
	ratio analysis (MOORA) method in decision making	
	S. Chakraborty, H.N. Datta, K. Kalita and S. Chakraborty	1844
12.	Testing coverage based software reliability assessment incorporating	
	effort expenditure and error generation	
	S. Kumar, A.G. Aggarwal and R. Gupta	1888
13.	Admission control policy of a two heterogeneous server finite	
	capacity retrial queueing system with maintenance activity	
	V. Saravanan, V. Poongothai and P. Godhandaraman	1902
14.	Impact of loss aversion on the newsvendor problem: a literature	
	review and insights for future researchers	
	S. Yamini	1926
15.	Energy-based storage assignment in a multi-aisle warehouse	
	D. Nasir, R. Venkitasubramony and S.K. Jakhar	1951
Cas	e Report	
16.	Measurement of the efficiency of a Multi-Input-Multi-Output	
	(MIMO) production process using transfer function and fuzzy logic	
	F.I. Obidike and C.C. Nwobi-Okoye	1976
Cor	rection	
17.	Correction to: Indian citizens sentiment classification on citizenship	
	amendment Act 2019	
	P. Kaur, P.K. Jain, A. Singh and N. Kumar	2001

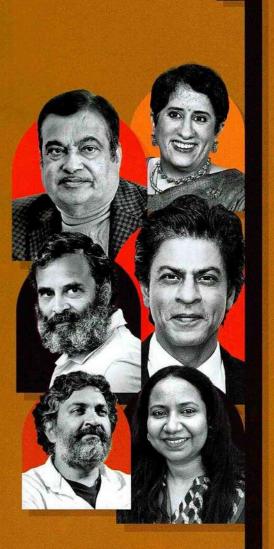
# STORIES OF THE MOST IMPACTFUL CHANGEMAKERS OF INDIA

# OUTLOOK BUSINES December 2023 | ₹100 | Subscription Copy Not For Resale | www.outlookbusiness.com THINK REYOND STAY



WHO SHAPED 2023





# GUNEET MONGA

R. Praggnanandhaa

Nithin and Nikhil Kamath

• RAHUL GANDHI

# Zepto

Amitabh Kant

# **Supreme Court**

- NITIN GADKARI
- Shah Rukh Khan

# **ISRO**

# Mallikarjun Kharge VIRAT KOHLI

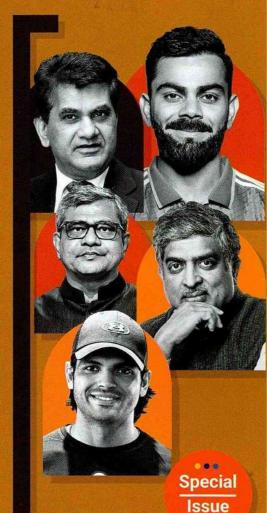
Sukhvinder Singh Sukhu

# Swati Nayak

KAPIL SHARMA

· S.S. Rajamouli

Apple



# Contents

VOLUME 18, ISSUE 12 • DECEMBER 2023

PUBLISHED ON DECEMBER 1, 2023

# CHANGE 293 WHO SHAPED 2023



# Virat Kohli

At World Cup 2023, the ace batsman touched new peaks, like scoring maximum runs, breaking Sachin's record, etc.



# Neeraj Chopra

Adding to his many firsts, the Olympics-winning javelin star this year became the first Indian to win the world championship

16

# R. Praggnanandhaa

This year, the teen chess grandmaster became the only Indian after V. Anand to reach the Chess World Cup final

20

# Nandan Nilekani

The Infosys co-founder has been consistent and generous in his philanthropic endeavours. He inspires by giving away

24

# Nithin and Nikhil Kamath

The Zerodha co-founders are role models for young India when it comes to philanthropy

28

# Malavika Hegde

The Coffee Day Enterprises CEO has successfully revived the company, once written off because of its huge debt burden

32

# **Zepto**

Within two years of its launch, the quick commerce start-up by Aadit Palicha and Kaivalya Vohra became a unicorn in 2023

42

# **Apple**

The US tech giant's India bet is paying off. In FY23, its India operations recorded an annual revenue growth of 48%

44

# Contents

# **ISRO**

With Chandrayaan 3 mission, the legendary organisation has consolidated India's position in the domain of space capabilities

50

# **Supreme Court**

The apex court, under chief justice D.Y. Chandrachud, has largely regained its mojo but has also prolonged a few misses

52

# **Amitabh Kant**

......

India's sherpa played a pivotal role in building a consensus among disagreeing nations at the G20 summit in New Delhi

66

# Ashwini Vaishnaw

Under the stewardship of the Union IT minister, India's semiconductor ambitions are flying higher than ever

70



# Mallikarjun Kharge

The fiesty Congress president is not only taking on the BJP but also fixing power struggles within the party

# Nitin Gadkari

The Union transport minister wants India's road network to match the best in the world and feels that he is almost there

80

# Rahul Gandhi

The Congress leader walked from Kanyakumari to Kashmir to reclaim many ideas that could change his party's fortune

84

# Sukhvinder Singh Sukhu

The Himachal Pradesh chief minister has proved his mettle in disaster management

88

# M.S. Swaminathan

The father of the Green Revolution, who passed away this year, pulled the country out of hunger from famines in 1960s

94

# Swati Nayak

Her innovations in agriculture have made Nayak the recepient of the prestigious Norman E. Borlaug award for field research

98

# **Cancer Warriors**

With their indomitable spirit, cancer survivors are not only living their lives to the fullest but also inspiring others

100



# Shah Rukh Khan

With his films Pathaan and Jawan breaking box office records this year, SRK has given Bollywood a new lease of life

102

# Kapil Sharma

Despite hiccups, the brand value of India's most-loved stand-up comedian has only increased over the years

105

# S.S. Rajamouli

Known for his larger-than-life films, Rajamouli is credited with revitalising Indian cinema when it was struggling to pull masses

108

# **Guneet Monga**

Her Oscar win for *The Elephant Whisperers* this year has come as a beacon of hope for independent filmmakers

110

# Outlook Outlook

Acc No. 507912

DECEMBER 2023 . ₹70 | NO.1 PERSONAL FINANCE MAGAZINE

WWW OUTLOOKMONEY COM

SUBSCRIBER COPY NOT FOR RESALE

10 Budget Friendly International Destinations

1

Wander

To

Monder

RNI NO. DEL ENG/2002/0829



**SPECIAL STORY** 

What It Takes To Open A Homestay



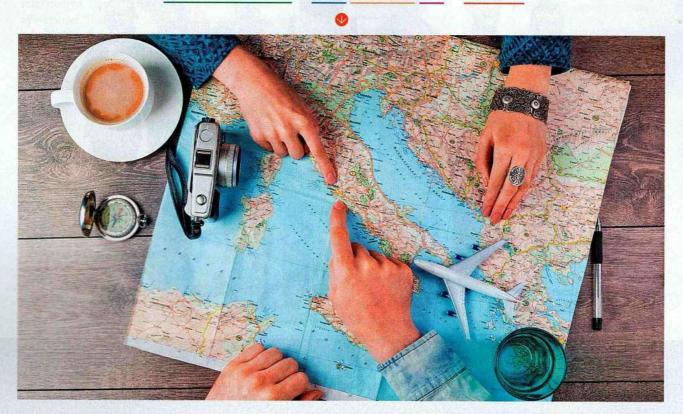
# CONTENTS

DECEMBER 2023 • VOLUME 22 • ISSUF 12



# (10) COVER STORY

10 Budget-Friendly Destinations Under ₹2 Lakh





### **WOW YOUR** WANDERLUST

If you are getting ready to pack your bags this season, we've got you covered. We have a list of the destinations, travel details and the costs



## **OLD AGE TRAVEL:** THINGS TO CHECK

If you are a senior, then ensure the destination you are travelling to is suitable to your specific needs, health and otherwise



## **PACK IN ADEQUATE HEALTH COVERAGE**

Check if the health component of your travel insurance covers pre-existing diseases, as medical costs can be prohibitive abroad

Cover Design: ANJAN DAS

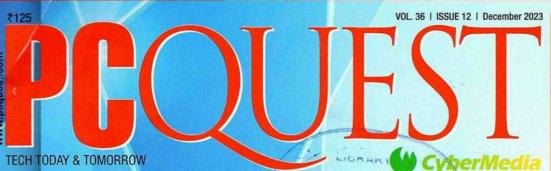


Revolutionizing autism care: A glimpse into the future with 5 tech trends p58

29 DEC

Al Shield: Navigating tomorrow's cyber frontiers p66 VINAYAK GODSE

SE





Tomorrow's tech tapestry

**Smartphones** 

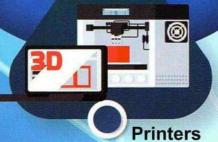
PCs & Laptops

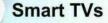
Acc. NO. JO 7937

Smart Speakers

> DIGITAL HORIZONS 2023 & BEYOND







# EXPLORE



COVER STORY SMARTPHONE

# Navigating the mobile tech landscape

CORPORATE OFFICE: Cyber House, B-35, Sec-32, Gurugram (NCR Delhi) 122003. India email us pcquest@cybermedia.co.in call us +91-124-482-2222, Mobile +91-9810499208

#### **OUR OFFICES**

**BENGALURU:** Address: 205-207, Sree Complex (Opp. RBANMS Ground), # 73, St John's Road, Bangaluru - 560 042. Tel: +91 (80) 4341 2000, Fax: +91 (80) 2350 7971

MUMBAI: Address: INS Tower, Office No. 326, Bandra Kurla Complex Road, G Block BKC, Bandra East, Mumbai – 400051. Mobile: +91 9969424024

**DELHI: Address:** Cyber House, B-35, Sec 32, Gurugram, NCR Delhi-122003. Tel: 0124-4822222, Mobile: 9810499208

Printed and published by Pradeep Gupta on behalf of CyberMedia (India) Ltd, printed at printed at M/s Archna Printers, D-127, Okhla Industrial Area, Phase-1, New Delhi, published from D-74, Panchsheel Enclave, New Delhi-110017. Editor: Sunil Rajguru. Distributed in India by IBH Books & Magazines Dist. Pvt. Ltd, Mumbai. All rights reserved. No part of this publication may be reproduced by any means without prior permission.

# ViewSonic Omni VX2728J **Gaming Monitor**

p73

**COVER STORY** 

The future of immersive experiences

Unveiling the future of smart speakers

PCs/LAPTOPS

What's in store for PCs & laptops

**Printing technology for** 2024 and beyond

The future of TV displays

**40 Years I Generative** 

EMERGING TECH

p46

How and why is this motor vehicles' department driving blockchain?

DEVELOPER

Tomorrow's tech tapestry

GAMING

Cloud gaming odyssey: A tech-infused revolution

> ASSISTANT TECHNOLOGY

**Revolutionizing autism** care: A glimpse into the future with 5 tech trends

HEALTHTECH

Telemedicine's quantum leap with a dash of **Metaverse madness** 

CYBERSECURITY 1

**Al shields: Navigating** tomorrow's cyber frontiers



Harnessing the power of AI to safeguard the virtual frontier p50



40 Al Solutions



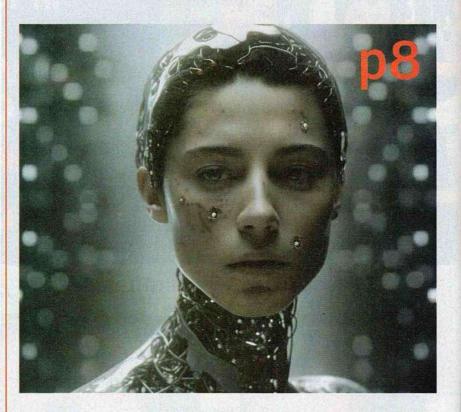


Changing white noise into pink noise For white aprons

# Navigating Responsible Tech



# EXPLORE



COVER STORY (AI)

# Fostering responsible Al

CORPORATE OFFICE: Cyber House, B-35, Sec-32, Gurugram (NCR Delhi) 122003. India email us pcquest@cybermedia.co.in call us +91-124-482-2222, Mobile +91-9810499208

#### **OUR OFFICES**

BENGALURU: Address: 205-207, Sree Complex (Opp. RBANMS Ground), # 73, St John's Road, Bangaluru - 560 042. Tel: +91 (80) 4341 2000, Fax: +91 (80) 2350 7971

MUMBAI: Address: INS Tower, Office No. 326, Bandra Kurla Complex Road, G Block BKC, Bandra East, Mumbai – 400051. Mobile: +91 9969424024

**DELHI: Address:** Cyber House, B-35, Sec 32, Gurugram, NCR Delhi-122003. Tel: 0124-4822222, Mobile: 9810499208

Printed and published by Pradeep Gupta on behalf of CyberMedia (India) Ltd, printed at printed at M/s Archna Printers, D-127, Okhla Industrial Area, Phase-1, New Delhi, published from D-74, Panchsheel Enclave, New Delhi-110017. Editor: Sunil Rajguru. Distributed in India by IBH Books & Magazines Dist. Pvt. Ltd, Mumbai. All rights reserved. No part of this publication may be reproduced by any means without prior permission.

COVER STORY

# p10

**Adaptation to new** challenges: The imperative for Al systems

**Unveiling strategies** for equitable AI across industries

Navigating transparency in Al-driven advertising

# p42

Al's impact in identifying and mitigating system vulnerabilities

Harnessing the power of Al to safeguard the virtual frontier

# **p14**

**Deciphering the complexities** of Al ethics

# **p26**

**Ensuring the safety of** Al systems in critical applications

Al and the intersection of personalization and privacy in advertising

# p44

Al: A deep dive into detection, prevention, and adaptability

# p54

**Enhancing healthcare** through Al

# pl6

**Ensuring Al safety** in critical fields

# p30

Federated learning and differential privacy in advertising

Striking the balance between personalization and user privacy

# p48

AI will play a crucial role in cybersecurity

# p56

**40 AI Solutions** 

Unlocking the gaming experience

HEALTHTECH

Changing white noise into pink noise: For white aprons

ASSISTANT **TECHNOLOGY** 

**Navigating challenges and** charting paths for PWDs

ISSN 0975 - 2854 Indexed in Google Scholar Indexed in Scopus (Q2) Included in UGC's - CARE List of

# JOURNAL METRICS

Source Normalized Impact per Paper (SNIP): 0.760 SCImago Journal Rank (SJR): 0.294; Scopus CiteScore (2022) = 2.7

(Scopus CiteScore Journal Rank : 102/214)

Google Scholar h5-index : 14 ; Google Scholar h5- median : 22

₹ 350/-

# PRABANDHAN: INDIAN JOURNAL OF MANAGEMENT

VOLUME: 16

Journals (Group II)

ISSUE NUMBER: 11 (MONTHLY)

SIDE

**NOVEMBER 2023** 

Unveiling Insurance and Risk Management Insights Through Bibliometric and Cluster Analysis

- Varda Sardana
- Amiya Kumar Mohapatra
  - Amit Kumar Singh
  - Shubham Singhania

Acc. NO. 507894

Impact of Work Stressors on Career

Commitment – A Study of Indian IT Sector

Employees

- Rohan Deshpande
- Debarun Chakraborty

Understanding Students' Behavioral Intention to Adopt Blended Learning:

Modified UTAUT Model

- Anjali Shokeen
- Ashish Kumar
- Swati Khanna

ISSN 0975 - 2854
Indexed in Google Scholar
Indexed in Scopus (Q2)
Included in UGC's - CARE List of
Journals (Group II)

# JOURNAL METRICS

Source Normalized Impact per Paper (SNIP): 0.760 SCImago Journal Rank (SJR): 0.294; Scopus CiteScore (2022) = 2.7

(Scopus CiteScore Journal Rank : 102/214)

Google Scholar h5-index : 14 ; Google Scholar h5-median : 22

₹ 350/-

# PRABANDHAN: INDIAN JOURNAL OF MANAGEMENT

**VOLUME: 16** 

ISSUE NUMBER: 10 (MONTHLY)

9 DE

OCTOBER 2023

Effectiveness of Dispositional Mindfulness on Mental Health Markers and Well-Being in Employees of the Service Industry : A Systematic Evidence Synthesis

- Tantri Keerthi Dinesh
  - Ankitha Shetty

Cause-Related Marketing and Purchase Intention: A Study on Indian Millennials

- Megha Bakshi
- Rajesh Verma

Flexibility Culture, Person–Job Fit, and Job Benefits as Predictors of Eudaimonic Workplace Well-Being and Turnover Intention of Employees

- G. P. Hemavathi
- Frank Sunil Justus T.

effect of Ethical Leadership Development on Improving Business Organizations Within the Context of Organizational Behavior and Turnover Intentions

- Mitali Dohroo
- Taranjeet Duggal
- Charul Agrawal

Acc. NO. J07893

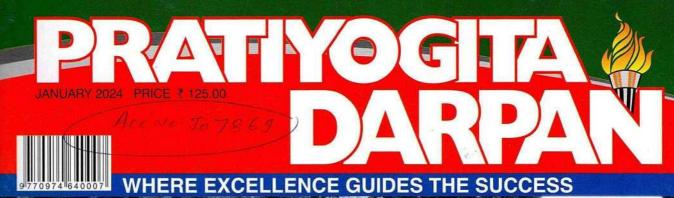
# PRAJNAN.

# Journal of Social and Management Sciences

ISSN 0970 - 8448

28.000 Vol. LII, No. 2 July - September 2023 Bank Recapitalisation and Credit Growth: The Case of an Emerging Market Economy Radheshyam Verma Snehal Herwadkar Factors Affecting Non-Audit Fees: An Insight from Literature Niva Kalita Reshma K Tiwari GHRM Practices and Employee Retention in the IT Sector: **Parallel Mediation Approach** Ella Mittal Navneet Kaur Dynamics of Human Demography and Hedonic Motivation on Conduct of Online Transactions -An Empirical Study Shazeed Ahmed Acc. No. Jo 7926 Karabi Goswami





WITCHE EXCELECTION GOODES

**Solved Model Papers** 

• Forthcoming U.P. P.C.S. RO/ARO

Forthcoming U.P.S.C. Pre. Exam.

For e-magazine: http://emagazine.pdgroup.in

Solved Paper

•UPPCS (Mains), 23

Inside New Year's







# 41 Workers Trapped in Silkyara Tunnel in Uttarakhand Rescued

- ◆ One Nation, One Registration Platform for Medical Practitioners
  - ◆India Flags off First International Cruise Liner
- Bihar Governor's Nod for Bill Raising Quota from 50% to 65% ◆India-Australia 2+2 Dialogue
- Russia Withdraw Ratification of Global Nuke Test Ban Treaty CTBT ◆ Severe Earthquake in Nepal
  - Open Doors Report ◆ FATF Removes Offshore Tax Haven Islands from Its 'Grey List'
  - One Nation : One Student ID : APAAR ◆ World Bank Updated International Poverty Line
  - PM Modi Launches ₹ 24000 Crore PM JANMAN 54th IFFI 2023 Booker Prize 2023
    - ◆ Australia Wins ICC Men's World Cup 2023 ◆ WTA Finals 2023 ◆ ATP Finals 2023





est



BEST GIFT I EVER GOT Byrd readers

PAGE 80

HOLIDAY MIRACLES

**REAL-LIFE STORIES OF COMFORT AND JOY** 

PAGE 44

CENO TO 1909 EVERYDAY HEROES

The Uber Driver Who Saved a Life

PAGE 12

HEALTH

The Do's and Don'ts of Festive Feasting

PAGE 26

INSPIRATION

12 Unique Ways to Give

PAGE 66

13 THINGS

**Disney Turns 100** 

PAGE 38

SUBSCRIBER COPY NOT FOR RESALE

readersdigest.in

22 DEC

# CONTENTS

Acc. NO. JO7909

# Features

44

**COVER STORY** 

# **HOLIDAY MAGIC**

Real-life stories of comfort and joy.

- 46 My Season of Nostalgia BY PATRICIA DAWN ROBERTSON
- 48 A Holiday
  Welcome Home
  BY SISTER SHARON DILLON
- 51 Grandma's
  Recipe for Love
  BY COURTNEY SHEA

54

# Preparing for Takeoff

Roam if you want to but don't forget these items if you're over 60. BY DR JEAN MARMOREO

62

HUMOUR

## Between a Mouse and a Green Place

A plant-lover faces off a hungry horde.
BY MALA KUMAR

# 66

#### INSPIRATION

### **Unique Ways to Give**

Innovative ways people are helping those in need. BY PENNY CALDWELL

74

#### SOCIETY

### A Human History in Rust

In refuse, there's beauty—and hope for what can be renewed. BY DOROTHY WOODEND

80

#### YOUR TRUE STORIES

#### The Best Gift I Ever Received

RD readers from around the world describe their most unforgettable gifts.

86

#### WHO KNEW?

#### **Ancient Elixir**

Only two monks know the full recipe for Chartreuse, and it remains frozen in time. BY MARION RENAULT

# 96

#### MEMORY ROOM

#### The Age of Kindness

A glimpse into the past reminds us of a time of built-in benevolence. BY DR CHRISTIANEZ R. KIRUBA

102

#### DRAMA IN REAL LIFE

### Paradise on Fire

An account of one of the deadliest wildfires in modern US history.

IN MODERN US HISTORY
BY JOSHUA PARTLOW,
JOHN FARRELL, BRADY
DENNIS, BRIANNA SACKS
AND JOANNA SLATER





# Departments

8 Over to You

#### A WORLD OF GOOD

11 A Blank Canvas

#### **EVERYDAY HEROES**

12 A Ride for a Lifetime BY SARAH CHASSÉ

#### SMILE

14 Jaywalkers, Photocopiers and Other Mysteries BY RICHARD GLOVER

#### **GOOD NEWS**

16 Lessons in Kindness, A New Malaria Vaccine. **Purging Plastic** Pollution and More BY SAMANTHA RIDEOUT

#### IT HAPPENS **ONLY IN INDIA**

42 The Whole Nine Yards, Light My Fire and More BY NAOREM ANUJA

#### **QUOTABLE QUOTES**

101 Vir Das, Margaret Walker, Matthew Perry and More

#### TRUSTED FRIEND

132 Friends and Family by Tom Froese

# Better Living

#### LIFE LESSON

22 Old School BY REBECCA PHILPS

#### HEALTH

26 Holiday Eating to **Boost Immunity** 

BY BETH WEINHOUSE

#### **NEWS FROM THE** WORLD OF MEDICINE

30 Dementia and the Digital, Signs of Colorectal Cancer. A New Depression Therapy and More BY SAMANTHA RIDEOUT

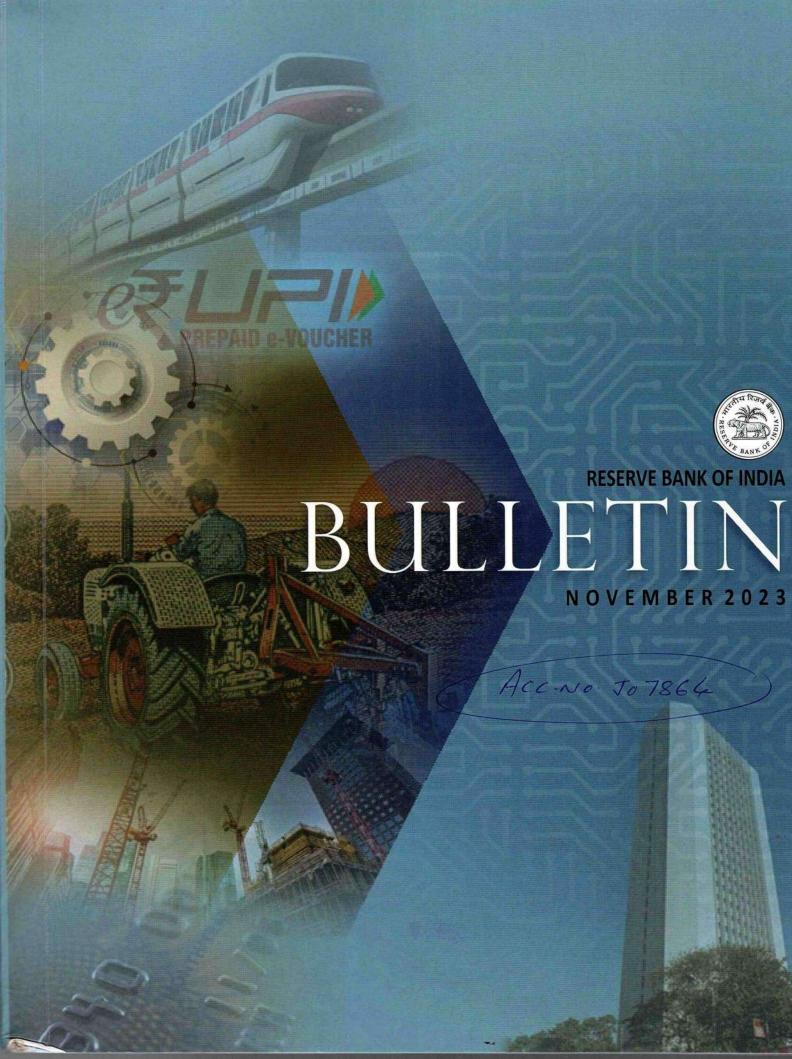
#### FOOD

34 Rah, Rah, Ramen BY LEILA EL SHENNAWY

#### 13 THINGS

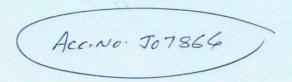
38 Magical Facts About the World of Disney BY COURTNEY SHEA





### CONTENTS

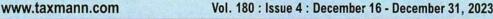
**Recent Publications** 



### Speeches

Emerging India: A Land of Stability and Opportunit Shaktikanta Das	ies	1
Price and Financial Stability: Managing Complementarities and Trade-Offs		
shaktikanta Das	OF DEC 217	7
Towards A Greener Cleaner India Michael Debabrata Patra		13
Reflections: Challenges in Regulations M. Rajeshwar Rao		21
Fostering Economic Growth through Sustainable Finance and Financial Inclusion		
waminathan J		27
Articles		
tate of the Economy		31
Reading the Market's Mind: Decoding Monetary Policy Expectations from Financial Data		73
Cransitioning India's Power Sector: Repurposing of Coal-Fired Power Plants		85
Monetary Policy Transmission in India: Recent Dyn	amics	97
Current Statistics	1	13

166



### ISSN: 0972-818X CORPORAT

AN INSOLVENCY & COMPANY LAWS FORTNIGHTLY

Acc. No. To 7903

source, for everything on

tax & corporate laws, for more than six decades

Research

**Practice** 

Advisory

Academy

Journals

Learning

Subscription 2024

[See Details Inside]

**CUMULATIVE INDEX TO VOLUME 180** [Volume 180 ends with this issue]

PLUS > Fortnightly Browser

**REPORTS [479-630]** 

**MAGAZINE** [35-50]

Price : ₹ 600

### FOUNDER EDITOR

**EDITOR** 

### RAKESH BHARGAVA

HONY. CONSULTING EDITOR R.N. BANSAL

SEBI & Corporate Laws comes in Six Volumes, Annual subscription for the year 2023 is ₹ 14,500. Single copy ₹ 600 only.

Back years' volume ₹ 2600 per volume for paper back and add ₹ 250 per volume for Hard case binding.

SEBI & Corporate Laws fortnightly is published on 1st & 16th every month. Non-receipt of part must be notified within 60 days of the due date.

Address your editorial and subscription correspondence to: Taxmann Allied Services (P.) Ltd., 59/32, New Rohtak Road, New Delhi-110 005. Phone: 91-11-45562222.

Printed and Published by Ansh Bhargava on behalf of Taxmann Allied Services (P.) Ltd. and Printed at Tan Prints (India) Pvt. Ltd., 44 Km. Mile Stone, National Highway, Rohtak Road, Village Rohad, Distt. Jhajjar (Haryana) and Published at 59/32, New Rohtak Road, New Delhi-110 005 - Editor: Rakesh Bhargava

Material published in this part is the exclusive copyrighted property of Taxmann Allied Services (P.) Ltd. and cannot be reproduced or copied in any form or by any means without written permission of the Publisher.

Taxmann and its Editors do not necessarily agree with the views expressed in Magazine Section of SEBI & Corporate Laws. Views so expressed are the personal views of author(s).

This publication is sold with the understanding that authors/editors and publishers are not responsible for the result of any action taken on the basis of this work nor for any error or omission to any person, whether a purchaser of this publication or not. All disputes are subject to jurisdiction of the Delhi High Court.

Email: sales@taxmann.com Website: www.taxmann.com ISSN: 0972-818X

MODE OF CITATION [2023] 180 SCL...(...) TOTAL PAGES [228]

### CONTENTS

### **REPORTS: TABLE OF CASES**

- CLC & Sons (P.) Ltd. v. Dy. CIT (NCLAT New Delhi)
   550
- ◆ Hymavathi (K.) v. State of Andhra Pradesh (SC) 491
- Jhanvi Rajpal Automotive (P.) Ltd. v. R.P. of Rajpal Abhikaran (P.) Ltd. (SC) 519
- LML Ltd. v. Securities & Exchange Board of India (SAT - Mum.)
- Madhusudan Khemka v. State of Maharashtra (Bom.)
   531
- Naina Nitin Desai v. Edelweiss Asset Reconstruction Ltd. (SC) 499
- Peter Beck and Partner Vermoegensverwaltung GMBH
   v. Sharon Bio-medicine Ltd. (NCLAT New Delhi) 588
- ◆ RPS Infrastructure Ltd. v. Mukul Kumar (SC) 501
- Standard Chartered Bank v. Winsome Investor Welfare Association (NCLAT - New Delhi) 546
- Tata Power Western Odisha Distribution Ltd. (TPWODL)
   Jagannath Sponge (P.) Ltd. (SC) 485
- Tricolite Electrical Industries Ltd. v. Wipro Ltd. (NCLAT Chennai)
   576
- Vikram Kumar v. Aranca (Mumbai) (P.) Ltd. (NCLAT New Delhi) 541

### **SUBJECT INDEX : CASES REPORTED**

### CIRCULARS AND NOTIFICATIONS

- SEBI's Circular No. CFO/CMD/12/2015, dated 30-11-2015 624
- SEBI's Circular No. SEBI/HO/MRD/DOP2DSA2/ CIR/P/2019/87, dated 1-8-2019 624

SEBI AND
CORPORATE
LAWS

AN INSOLVENCY & COMPANY LAWS FORTNIGHTLY

### HIGHLIGHTS

Acc. No. J07862

- Where corporate debtor was declared a sick industrial unit and entered into a MoU with respondent, on basis of which, implementation of a rehabilitation scheme was approved, NCLAT rightly held that said rehabilitation scheme could not be treated as a resolution plan within meaning of IBC (SC) 347
- Where respondent, partner of accused firm, sought for quashing of complaint filed under section 138 of NI Act, 1881 on ground that he had resigned from said firm prior to issuance of cheque in question, in view of fact that plea raised by respondent seeking quashing of complaint would be a matter of evidence to be proved before trial Court, impugned order passed by High Court quashing summoning order and complaints against respondent was to be set aside (SC) 327
- Where NCLAT held that since corporate debtor was an MSME, it was not necessary for promoters of corporate debtor to compete with other resolution applicants to regain control of corporate debtor, since there was no discussion on exceptional circumstances of instant case leading to such an observation, NCLAT's order was wrong and appellant could not be faulted for calling for other proposals, along with promoter's proposal to be examined and put to vote by CoC(SC) 320
- When Appellate Court considers prayer seeking relief of suspension of sentence of an accused for offence under Section 138 of N.I. Act, 1881, it is always open for Appellate Court to consider whether it is an exceptional case which warrants grant of suspension of sentence without imposing condition of deposit of 20 per cent of fine/compensation amount (SC) 373
- Where account of corporate debtor was declared as NPA on 31-3-2013 and corporate debtor acknowledged debt in its balance sheet for financial year 2014-15 and there were OTS proposals made on 16-3-2017, 1-1-2018 and 16-5-2019, CIRP application filed on 22-1-2020 i.e. within three years from date of OTS proposals, was within limitation period (SC) 350
- There is nothing in provisions of Companies Act, 2013, which empowers ROC to enquire into antecedents and activities of a dissolved company; SEBI and MCA are appropriate authorities to enquire fraudulent share transactions and transactions of shares by struck off companies (Calcutta) 385
- Section 21 of Fugitive Economic Offenders (FEOs) Act, 2018 gives an overriding effect to FEO Act and therefore, special procedure prescribed under FEO Act will not get affected by any provision under Cr.P.C (Bombay) 392
- Where CoC after considering viability and feasibility of a resolution plan had approved same with 100 per cent vote share, such decision of CoC was a commercial decision which could not be interfered with and, therefore, resolution plan was rightly approved by NCLT (NCLAT - New Delhi) 459

PLUS Fortnightly Browser

**STATUTES [43-62]** 

**REPORTS** [313-478]

MAGAZINE [23-34]

Price : ₹ 600

### CONTENTS

### **STATUTES**

### NOTIFICATION

 Section 1 of the Companies (Amendment) Act, 2020 - Short title and commencement - Notified date of enforcement of section 5 - NOTIFICATION S.O. 4744(E) [F.NO. 1/3/2020-CL.I], DATED 30-10-2023 43

### **RULES/AMENDMENT RULES**

- Insurance Ombudsman (Amendment) Rules, 2023 Amendment in rules 7, 8, 10, 16 and 17 NOTIFICATION G.S.R. 828(E) [F. NO. S-14014/12/2022-INS.I], DATED 9-11-2023 43
- Limited Liability Partnership (Significant Beneficial Owners) Rules, 2023 - NOTIFICATION G.S.R. 832(E) [F. NO.17/30/2018-CL-V], DATED 9-11-2023 44

### **REPORTS: TABLE OF CASES**

- Anil Kumar, Suspended Director, SK Elite Industries India Ltd. ν. Jayesh Sanghrajaka (NCLAT - New Delhi) 459
- Axis Bank Ltd. v. Naren Sheth (SC) 350
- Bachhu Yadavv. Directorate of Enforcement Government of India (SC) 381
- ◆ Channel Nine Entertainment Ltd. v. SEBI (SAT Mum.)
   416
- Cressanda Solutions Ltd. v. Union of India (Cal.) 385
- Jamboo Bhandari v. M.P. State Industrial Development Corporation Ltd. (SC) 373
- Malavika Hedge v. Indusind Bank Ltd. (NCLAT Chennai)
   441
- Mehul Choksi v. State of Maharashtra (Bom.) 392
- Pramod Kumar Pathak v. ARFAT Petrochemicals (P.) Ltd. (SC) 347
- Raghavendran (R.) v. C. Raja John (SC) 320

DECEMBER 2023

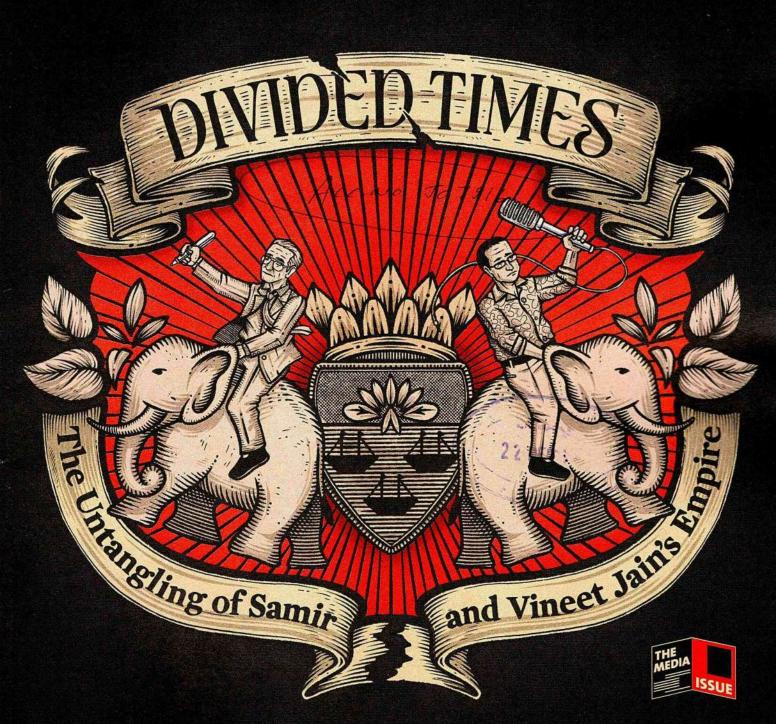
A JOURNAL OF POLITICS AND CULTURE

BBC India's illusory independence p.50

The art of least resistance p. 64



# CARAVAN



### CARAVAN

Editor-in-Chief, Publisher & Printer: Paresh Nath

Founder: Vishva Nath (1917-2002)

Acc-NO- Jo 7916



VOLUME 15 • ISSUE 12 DECEMBER 2023

DEC .

COVER STORY

24

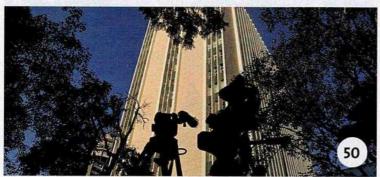
### **Divided Times**

The untangling of Samir and Vineet Jain's empire

### AATHIRA KONIKKARA

By all accounts, a partition of Bennett, Coleman and Company Limited appears imminent. Samir and Vineet Jain, who co-own and built the conglomerate, are set to part ways. Amongst the group's various entities, Samir is expected to take the Times of India, while Vineet will retain control of Times Now. This split marks a significant juncture in the media landscape—and a departure from the era when the conglomerate set industry standards. BCCL has been instrumental in shaping the current media landscape, but its business interests often came at the cost of journalistic depth. The group is no longer unrivalled in terms of both revenue and readership. Eleven years after this magazine last profiled the Jains, BCCL is no more the leading media conglomerate it once was. The businesses are strained, rumors of tensions between the brothers abound and the group is on the brink of division.





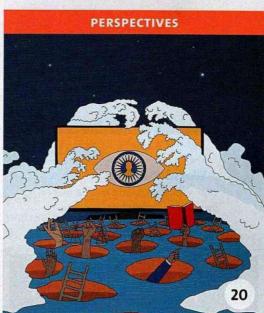
### 50 Standard Deviation

The illusion of BBC India's independent journalism SHAHID TANTRAY



### 64 Playing to the Gallery

How corporate patrons enable the art of least resistance



### 10 Points of Disorder

The inevitable evisceration of Sansad TV

AJACHI CHAKRABARTI

### 16 Coming of Age

How Telangana cinema is asserting its presence SWETHA KADIYALA

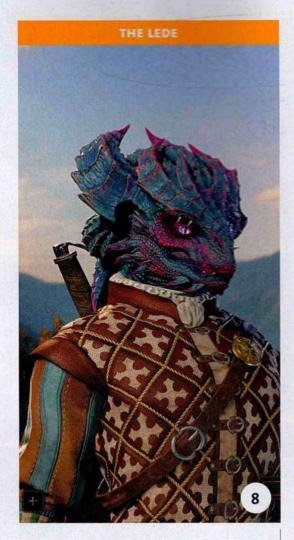
### 20 Drowning Voices

How legal frameworks are being used to throttle free speech and the media

3

ANANT NATH

DECEMBER 2023

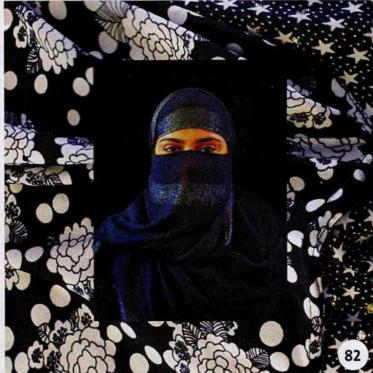




### 8 World Building

How video games serve as an uneasy refuge for queer Indian gamers

SHIRIN CHOUDHARY







### PHOTO ESSAY / GENDER

### **82** Archive of Dissent

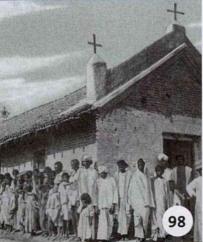
Documenting Shaheen Bagh's women-led sit-in PRARTHNA SINGH



THE BOOKSHELF
EDITOR'S PICK

112 114

### BOOKS



### 98 Articles of Faith

How the media covered religious conversions in Modi's first term ARSHU JOHN

THE CARAVAN

# The Economist

### CHRISTMAS DOUBLE ISSUE

DECEMBER 23RD 2023-JANUARY 5TH 2024

FEATURING: On safari in South Sudan • Global warming and wine Penguins and prejudice in America • Shoes and Indonesian capitalism China's new love of the beach • What tractors tell you about AI The price of a whale • Famous women DIY-ers • And much more...





### Our Christmas double issue

At the end of a year of grim geopolitics and resilient economies, we take stock. Assessing the risks in the Red Sea: leader, page 12. How to detoxify the politics of migration: leader, page n. Our country of the year: leader, page 13. Which economies performed best, page 49. What economists got wrong: leader, page 12. Plus 56 pages of festive delights...

### The world this year

8 A summary of political and business events

### Leaders

- 11 A world on the move How to detoxify migration politics
- 12 Trade and terrorism Red Sea, red alert
- 12 Errors in economics A dismal year for the dismal science
- 13 Our country of the year The centre can hold
- 14 Santa tech Make Xmas more efficient

### Letters

16 On investment in Europe, Napoleon, funeral cars, spy novels, euphemisms, flying lawn chairs

### **Christmas specials**

A seasonal extravagance After page 32

### Asia

- 17 China and Myanmar
- 18 India's unpopular metros
- 19 Japanese baby-making



### China

- 20 Robots on the rise
- 21 Jimmy Lai's trial
- 22 Chaguan Repression of ethnic minorities



### **United States**

- 23 Military aid for Ukraine
- 24 A Jersey success story
- 25 Reviving Louisiana Creole
- 26 Lexington Tupac or not Tupac?



>> Contents continues overleaf

### CHRISTMAS SPECIALS

### DECEMBER 23RD 2023-JANUARY 5TH 2024

### Features start after page 32

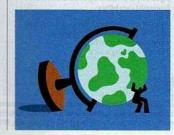
- 3 GUARDIANS OF EDEN On safari in South Sudan
- 6 MAKING AMERICA GODLY AGAIN Christians' love of Trump
- **8 GRAPE EXPECTATIONS** How global warming is changing wine
- 11 A TALE OF FIVE CITIES How Ukrainians are coping
- 14 PENGUINS AND PREJUDICE A parable of modern America





- 17 FOLLOWING FATIMAH'S SANDALS E-commerce in Indonesia
- 20 THE ECONOMICS OF TECHNOLOGY What tractors tell you about AI
- 22 BY THE SEASIDE China's new love of the beach
- 25 FROM PRISONER TO PRIME MINISTER Churchill's adventures in Africa

- 28 ESSAY: THE PRICE OF A WHALE Where capitalism and conservation meet
- 34 FROM STAR TO POWER Why Tamil movie heroes become politicians
- 37 SISTERS ARE DOING IT FOR THEMSELVES Famous women DIY-ers
- 39 THE GREEN MAN'S BURDEN The moral philosophy of climate change
- **42 PACIFIC PATHFINDERS** The best sailors in the world





- 44 DESERT ISLAND DISMAL SCIENCE Why economists love "Robinson Crusoe"
- 49 PUTIN'S SHOOTDOWN The truth about flight MH17
- 52 DRILLING FOR HYDROGEN The rush for colourless gold
- 55 GABON ON THE PRAIRIE America's last political machine
- 57 AI AND THE FILM INDUSTRY Farewell to the lions of Hollywood

### The Americas

- 27 Chile's constitution
- 28 A Mexican boondoggle



### Middle East & Africa

- 29 War and peace in the Red Sea
- 30 Israel's muddled goals
- 31 Palestinians' Christmas
- 31 Sudan's war worsens
- 32 What next for Congo?



### Europe

- 33 An interview with the AfD's co-leader
- 34 Ukraine's soldier shortage
- 35 French high heels
- 35 Euro-budget woes
- 36 Charlemagne Disunited Christmas



### Britain

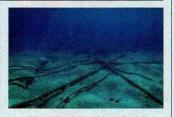
- 39 Andy Street's mayoralty
- 40 Recall petitions
- 41 Beards in the army
- 42 Bagehot At the darts



### **Business**

returns

- 43 Subsea data wars
- 45 A feud rattles India Inc
- 45 A Suez crisis for shipping
- 46 Bartleby Agony uncle
- **48 Schumpeter** Why Europe wins at luxury



### Finance & economics

- 49 Ranking economies
- 50 Hong Kong's struggles
- 51 Carbon offsets
- 52 Buttonwood The cockroach theory of crypto
- 53 Free exchange Where the state comes from



### Science & technology

- 54 Delivery robots
- 55 Resurrecting ancient viruses
- 56 A new supersonic engine



### Culture

- 57 The night before Christmas
- 58 Back Story No more heroes
- 59 A history of eggnog



### **Economic & financial indicators**

60 Statistics on 42 economies

### Obituary

62 Eric Freeman, reviver of old Gloucestershire

# The Economist

London, the invincible city

Iran is weaker than it looks

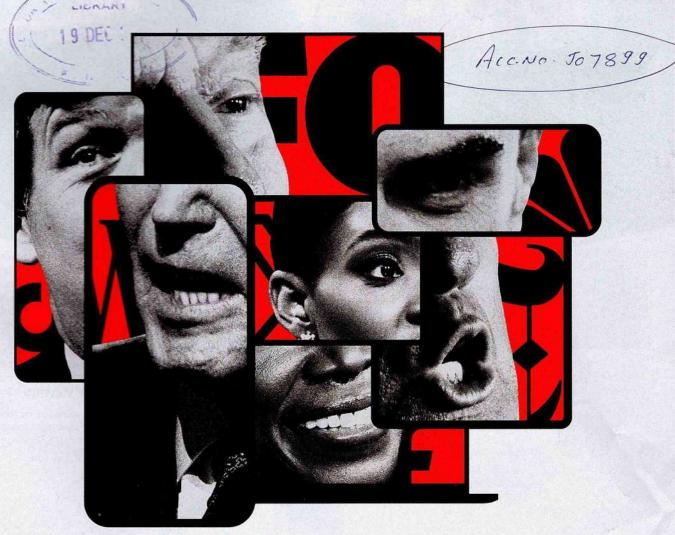
Russia's overheating war economy

The seismology of 70,000 Swifties

DECEMBER 16TH-22ND 2023

### THE MEDIA AND THE MESSAGE

Journalism and the 2024 presidential election





Australia	A\$15(Inc.GST
Bangladesh	TK650
Cambodia	US\$10.00
China	RMB90

)	Hong Kong	HK\$10
0	India	₹50
0	Indonesia	Rp130,00
0	Japan	¥1,363+Ta

Korea	Won13,000
Malaysia	RM33.00
Myanmar	
Nepal	NR850

New Zealand	NZ\$16.50
Pakistan	PKR1700
Philippines	Pesos500
SingaporeS\$	15.00 (Inc. GST)

Sri Lanka	Rs.1800
Taiwan	NT\$300
Thailand	Baht330
Vietnam	HISE10.00



### On the cover

Next year's election in America will test whether a healthy democracy needs a common set of facts: leader, page 7. No institution that enjoys the trust of Republican voters can stand up to Trump, page 27. Lexington's account of being ejected from the New York Times, page 28. Our data-crunching shows American journalism sounds much more Democratic than Republican, page 29

London, the invincible city Its resilience is a lesson to policymakers everywhere: leader, page 10. Despite Brexit and covid-19, London thrives:

Iran is weaker than it looks That reality should inform American policy: leader,

briefing, page 14

page 9. Iran's ageing rulers are preoccupied with succession, page 36

Russia's overheating war economy Wartime spending means Russia's economy is running dangerously hot, page 60

The seismology of 70,000 Swifties Their excitement can shake the Earth, page 64

> The digital element of your subscription means that you can search our archive, read all of our daily journalism and listen to audio versions of our stories. Visit economist.com

### The world this week

5 A summary of political and business news

### Leaders

- 7 American journalism A distorted lens
- 8 British politics Rishi Sunak's strategic genius and the series
- 9 Iran's regime Weaker than it looks
- 9 Interest rates The Powell pivot
- 10 London Metropolished
- 11 Climate change A hopeful cop28

### Letters

12 On funding research, the United Arab Emirates, Argentina, Joe Biden, cocaine

### Briefing

14 London Invincible city





Bartleby How to entrust decisions to subordinates and not regret it, page 55



### Asia

- 19 Japan and ASEAN
- 20 Pets in India
- 21 India's judges and Kashmir
- 21 Bangladesh's election
- 22 Banyan Hsiao Bi-khim



### China

- 23 Macau tries to be Vegas
- 24 The dangers of surrogacy
- 25 Xi Jinping's proper title
- 26 Chaguan Cities compete for kids



### **United States**

- 27 Conservative media
- 28 Signs at the Times
- 29 Measuring media ideology
- 30 University presidents
- 31 Trump-trial fast track
- 31 Second-term plans
- 32 New York copies London



### The Americas

- 33 Mark Carney for PM?
- 34 A dose of shock therapy
- 35 Dissing Miss Universe



### Middle East & Africa

- 36 A tamer Iran
- 38 Congo's messy election
- 40 A new phase in the Gaza war



Acc NO. JOT 899

### Europe

- 41 Poland's new government
- 42 Turkey shifts policy
- 43 Rule of law in Spain
- 43 Russian TV gangsters
- 44 Charlemagne Stones of remembrance



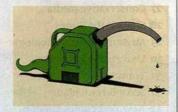
### Britain

- 45 The Rwanda gambit
- 46 What the new bill says
- 48 Bagehot Lucky Labour



### International

49 COP28 concludes in Dubai



### **Business**

- 51 The ad-free internet
- 53 Google's Epic fail
- 53 German business angst
- 54 TikTok's GoTo gambit
- 55 Bartleby How to delegate
- 56 Schumpeter Business and the border crisis



38 Congressions y election (o A new phase in the

### Finance & economics

- 57 China's capital flight
- 58 A \$230bn puzzle
- 59 Buttonwood Britain's dirt-cheap stocks
- 60 Wartime inflation
- 60 Travelling stockpickers
- 61 Europe's woes
- 62 Free exchange India's economic boom



### Science & technology

- 63 Lab-grown meat
- **64** Seismology (Taylor's version)
- 65 The future of chipmaking



### Culture

- 67 Conservative Hollywood
- 68 Charlie Chaplin, cancelled
- 69 "Amazing Grace"
- 69 Covid's influence on fiction
- 70 The best albums of 2023
- 71 Milton Friedman's legacy



### **Economic & financial indicators**

73 Statistics on 42 economies

### Obituary

74 Benjamin Zephaniah, poet of protest

tran is weaker than n'ioured.
That reslity should inform.
American policy: leader,
page-s. lien's ageing rulers an
preaccupied with succession
page 36.

Russia's overheating war economy Wartime spending means Russia's economy is

# The **Economist**

What if Trump stumbles?

Make or break for renewables

PISA tests: class divisions

Our books of the year

DECEMBER 9TH-15TH 2023

Acc. No. Jo. 7878

HOW PEACE IS POSSIBLE



Australia	A\$15(Inc.GST)
Bangladesh	TK650
Cambodia	US\$10.00
China	RMB90

Hong Kong	HK\$100
India	₹500
Indonesia	Rp130,000
lapan	¥1,363+Tax
SELECTION SELECTION	E OF THE

Korea	Won13,000
Malaysia	RM33.00
Myanmar	US\$10.00
Nepal	NR850

New Zealand	NZ\$16.50
Pakistan	PKR1700
Philippines	Pesos500
SingaporeS\$1!	5.00 (Inc. GST)

Sri Lanka	Rs.1800
Taiwan	NT\$300
Thailand	Baht330
Vietnam	US\$10.00



### On the cover

Do not dwell on the many ways the peace process can go wrong, but on bolstering the real possibility that it goes right: leader, page 11. Despite the war in Gaza, talk of a two-state solution will not go away: briefing, page 17

### What if Trump stumbles?

Our poll tracker suggests that the competition behind Donald Trump is coming to a head: leader, page 13, and analysis, page 34

### Make or break for renewables

Expanding renewable-energy capacity is becoming worryingly hard: leader, page 14. Supplychain dysfunction, rising interest rates and protectionism are making life tough, page 57. How to sell free trade to green types, page 67. In Europe green politicians struggle:
Charlemagne, page 50

PISA tests: class divisions Awful new grades come after years of educational stagnation in the rich world, page 55

### Our books of the year

The picks of 2023 transport readers to the top of mountains, out to sea and back in time, page 75

→ The digital element of your subscription means that you can search our archive, read all of our daily journalism and listen to audio versions of our stories. Visit economist.com

### The world this week

8 A summary of political and business news

### Leaders

- 11 Israel and Palestine How peace is possible
- 12 Mental health
  What Britain gets wrong
- 13 The Republican primary
  A race for second place
- 13 Treasury markets Gensler v Griffin
- 14 Decarbonisation Power trip

### Letters

16 On solar geoengineering, carbon accounting, Britain's Treasury, meetings, Dutch, public toilets

### Briefing

17 Israel and Palestine Two states—solution or delusion?



**Schumpeter** Saving humanity is all the rage right now, page 64



### Asia

- 21 Indian state elections
- 22 India and assassinations
- 23 The new geishas
- 24 Foreign students in Australia
- 24 North Korea's new ships
- 25 Banyan Wretched Rohingyas



### China

- 27 Rebuilding Ukraine
- 28 Fleeing Hong Kong
- 29 Where Kissinger is loved
- 30 Chaguan The risk of a trade war



### **United States**

- 31 The grizzlies' return
- 33 Replacing George Santos
- 33 Young views on Jews
- 34 Our primary-poll tracker
- 34 Voting rules in New Jersey
- 35 Downtown science labs
- **36 Lexington** The man who tried to save Washington



### The Americas

- 37 Venezuela v Guyana
- 38 Cuba's spy
- 40 Military clout



### Middle East & Africa

- 41 The final battle in Gaza
- 42 Red Sea attacks
- 43 The Palestinians' struggling economy
- 44 Netanyahu's irrelevance
- 44 Universal incomes
- 45 Stateless Kenyans



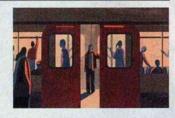
### Europe

- 46 Southern unemployment
- 47 Mining in Bosnia
- 48 NATO air policing
- 48 Armenia pokes the bear
- 49 Ukraine's war children
- 50 Charlemagne The green card



### Britain

- 51 Mental health in Britain
- 54 Bagehot The Spectocracy



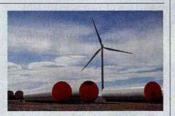
### International

55 The latest PISA results



### **Business**

- 57 Green-power blues
- 59 Big oil's methane deal
- 60 Europe's sturdy startups
- 61 Advertisers' X-odus
- 61 China's vanishing chairmen
- **62 Bartleby** What's wrong with Mondays?
- **64 Schumpeter** Musk, the messiah



### Finance & economics

- 65 China's economy
- 67 Japan's fiscal mess
- 67 Green free trade
- 68 Buttonwood Cheap banks
- 69 Fixing Treasuries
- 70 Trading terrorism
- 71 Free exchange What causes drug deaths?

### Science & technology

- 72 The world's biggest telescope
- 74 Roadrunners v Coyotes



### Culture

- 75 The best books of 2023
- 77 Staff books in 2023
- 79 Johnson Word of the year



### **Economic & financial indicators**

81 Statistics on 42 economies

### Obituary

82 Sandra Day O'Connor, a cowgirl at the Supreme Court

# The Economist

Is Putin winning?

America's most conservative court

Time for a methane deal

India's military modernisation

DECEMBER 2ND-8TH 2023

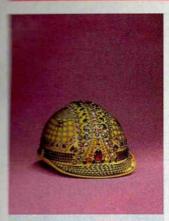
### **BLUE-COLLAR BONANZA**

Why conventional wisdom on inequality is wrong





ustralia	Hong Kong	HKS
ambodiaUS\$10.00		



### On the cover

The conventional view that inequality is rising inexorably is wrong: leader, page 9.

Demographic change, technology and policy are transforming labour markets, page 60. Why economists are at war over inequality: Free exchange, page 66

Is Putin winning? Leader, page 10. How Putin is reshaping Russia to keep his war machine running: briefing, page 16. Support for Ukraine is less assured than it once was: Charlemagne, page 47. Political splits in Ukraine, page 43

America's most conservative court The Fifth Circuit Court of Appeals makes the Supreme Court look moderate by comparison—and is shaping its agenda, page 29

Time for a methane deal A chance at COP28 to limit a nasty source of emissions: leader, page 11, and analysis, page 67

India's military modernisation It's promising, but China is still far ahead, page 19

→ The digital element of your subscription means that you can search our archive, read all of our daily journalism and listen to audio versions of our stories. Visit economist.com

### The world this week

7 A summary of political and business news

### Leaders

- 9 Labour markets Blue-collar bonanza
- 10 War in Ukraine
  Is Putin winning?
- 11 The Israel-Hamas war America's role
- 11 Greenhouse gases
  Methane's moment
- 12 Henry Kissinger
  Sense and centenarian

### Letters

14 On cars in America, Spain, Indian whisky, "King Lear", Belgium, dinner etiquette

### Briefing and and and

16 Russia at war
For the fatherland



Obituary Henry Kissinger, the doyen of American statecraft, page 34



### Asia

- 19 Indian defence
- 21 Monument wars in India...
- 22 ...and in Sri Lanka
- 22 Taiwan's election
- 23 Japanese baby-making



### China

- 25 Climate villain or hero?
- 26 A nuclear binge
- 27 New disease fears
- 28 Chaguan A case of economic long covid



### **United States**

- 29 America's most conservative court
- 30 Taking on Obamacare
- 31 Renting v buying
- 31 Americans held abroad
- 32 Missing milk cartons
- 33 The Sackler controversy
- 34 Obituary Henry Kissinger



### **The Americas**

35 Who owns the Amazon?



### Middle East & Africa

- 38 What does Hamas want?
- 40 After the truce
- 41 African carbon markets
- 42 Debt-for-climate swaps



### Europe

- 43 Splits in Ukraine
- 44 Ukraine's arms worries
- 45 Will Wilders make it?
- 45 Germany's wrecked budget
- 46 Italian femicide
- **47 Charlemagne** The gloom before Christmas



### Britain

- 48 Trust in the police
- 49 The Dark Hedges
- 50 Bagehot Posts to policy



### International

51 Muslim attitudes to religion are changing



### **Business**

- 53 China's party-state capitalism
- 55 How to make it in India
- 56 Bartleby AI-model managers
- 57 Is America's EV revolution stalling?
- 57 Tesla's Swedish pickle
- 58 The baby Berkshire of tech
- 59 Schumpeter Charlie Munger



### Finance & economics

- 60 Workers' golden age
- 62 Good pay
- 63 China's stimulus
- 63 OPEC+'s failure
- 64 African oil
- 65 Buttonwood Short-sellers
- 66 Free exchange Inequality



### Science & technology

- 67 Methane and climate change
- 68 Methane and feedback loops
- 69 An AI crystal bonanza
- 70 How penguins sleep



### Culture

- 71 Film-making in China
- 72 Prizewinning indie publishers
- 73 Chroniclers of the American West
- 74 Russian gastro-diplomacy
- 74 The return of NFTS
- 75 The best podcasts of 2023



### **Economic & financial indicators**

76 Statistics on 42 economies

### Obituary

77 Saleemul Hug, voice of the vulnerable

Registered with Registrar of Newspapers under RNI No. MAHBIL/2013/51592. Postal Registration No. MCS/087/2021-23. Published on 4th of every month. Posted at Patrika Channel Sorting Office, Mumbai-400001. Posting date: 6th of every month.

ISSN 2349-7483



दि इंडियन बैंकर

English & Hindi Monthly

December 2023

Volume XI Issue 5 Mumbai
Pages: 68 Price: ₹60

Acc. NO. J07875

## **Evolving Credit Landscape For Indian Banking Sector**







### **Vision**

To work proactively for the growth of a healthy, professional and forward looking, banking and financial services industry, in a manner consistent with public good.

### **Office Bearers**

### Chairman

A K Goel

### **Deputy Chairmen**

Dinesh Kumar Khara

A S Rajeev

Madhay Nair

### **Honorary Secretary**

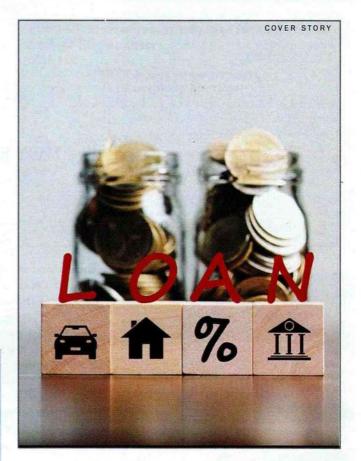
Dr N Kamakodi

### **Members**

Matam Venkata Rao R Subramaniakumar Shanti Lal Jain Zarin Daruwala A Manimekhalai Gaurav Gupta Swarup Kumar Saha Kaku Nakhate Ajay Kumar Srivastava Ashu Khullar K Satyanarayana Raju Aiay Kanwal Rajneesh Karnatak Vinod G Dadlani Ashwani Kumar Arti Patil **Devadatta Chand** Apekshita Thipsay Rakesh Sharma S Ramann

Harsha Bangari

Rajkiran Rai G



### **COVER STORY**

# Evolving Credit Landscape For Indian Banking Sector

- Dr Rashmi Tripathi

ARTICLE

### Public Procurement

22

12

An Analysis of the Process and its Effectiveness

- Prodosh Ganguly

Shyam Srinivasan

Amitabh Chaudhry

B Ramesh Babu

### Contents



The First Monthly Journal on Insurance in India in Service Since 1981

₹ 100/-



# THE SUBSIDER OF THE VOL. XXXXIII - NO. 12 - December 2023-ISSN-0971-4480

### In this issue

Historical Maritime Fraud - MV Cumberland-Negligence!! A Drawback of the Marine Insurance

The Role of Marketing and the Latest Trends in the B2B Insurance Industry

Embedded Insurance: Unleashing Innovation and Transforming the Customer Experience

Fire Hazards, Case Studies, Safety Requirements & Acumens for Insurance Underwriting

Report on
7th BIMTECH Insurance Colloquium - 2023
on the 3rd November,2023, at the MCA
Recreation Centre in Mumbai



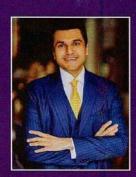
Mr S. G Afzal Biya Bani our Resident Editor interacted with Mr. Balasubramanian Pulicat, General Manager, Saudi Arabian Insurance Company BSC (C)/DAMANA, Bahrain



"Mr Atul D. Boda, Group Chairman, J. B. Boda Group, honoured with the Lifetime Achievement Award from BIMTECH"

"In an ever evolving digital landscape the emergence of embedded insurance has become a pivotal force driving innovation and reshaping the customer experience."

Rohit Boda Group Managing Director J. B. Boda Group



### Join RMAI Online

Certificate Course on Risk Management
Visit www.smartonlinecourse.co.in



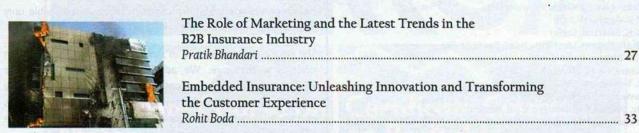
### Contents

### News

General Insurance News	07
Insurance Regulator Update	11
Health Insurance News	13
Life Insurance News	15
International News	18



### Articles



The Role of Marketing and the Latest Trends in the **B2B** Insurance Industry

Embedded Insurance: Unleashing Innovation and Transforming the Customer Experience 

Fire Hazards, Case Studies, Safety Requirements & Acumens for Insurance Underwriting 

Historical Maritime Fraud - MV Cumberland-Negligence!! A Drawback of the Marine Insurance

### **Features**

From the Editors Desk	05
Interview with Balasubramanian Pulicat, General Manager, Saudi Arabian Insurance Company BSC (C)/DAMANA, Bahrain	29
New Product Launches	44
Deductible can add to benefits	46
7th BIMTECH Insurance Colloquium - 2023	47
Legal Update	48
Insurance Caselaws	49
IRDAI Corner	51
Statistics - Non Life Insurance	53
Statistics - Life Insurance	54
Interview with Atul D. Boda, Group Chairman, J. B. Boda Group	55



The First Monthly Journal on Insurance in India in Service Since 1981

₹ 100/-



# VOL. XXXXIII - NO. 11 - November 2023-ISSN-0971-4480

### In this issue

Historical Maritime Fraud - Brillante Virtuoso - Pirate Conspiracy or Insurance Conspiracy?

Youth in Insurance and Reinsurance: A Transformative Force for the Future

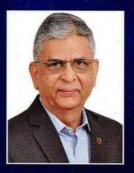
Importance of RegTech for Fintech & Insurtech

Safeguarding the Banking System in an Environment of Financial Cycles by Understanding Bankers Indemnity Policy

From Boardrooms to Bedrooms

The Changing Landscape of the Insurance Sector in India

The Changing Face of the Life Insurance Sector in India



"The US continues to see spiralling insured and economic losses as a result of the climate crisis. A billion-dollar loss now occurs less than every 20 days. It could be a hurricane, wildfire, flooding, heatwave, or drought."

Praveen Gupta Thinker & Thought Leader

"The involvement of youth in insurance and reinsurance is not only a necessity but a transformative opportunity in inject fresh perspectives, innovation, and technological advancement into the field."

Rohit Boda Group Managing Director J. B. Boda Group





Interview with Chunky Chhetry
President, Nepal Insurers' Association



"Taking more futuristic and forward-looking ingenuities, IRDAI has focused on insurance inclusion with an emphasis on accelerating new sectoral reforms and amending its regulations and policies."

Dr. Ashok Kumar Patnaik Associate Professor IIRM-Hyderabad



### Contents

### News

General Insurance News	07
Insurance Regulator Update	09
Health Insurance News	11
Life Insurance News	12
International News	15



### Articles

### Historical Maritime Fraud - Brillante Virtuoso -Pirate Conspiracy or Insurance Conspiracy? Youth in Insurance and Reinsurance: A Transformative Force for the Future Importance of RegTech for Fintech & Insurtech Sanjay Singh ..... Safeguarding the Banking System in an Environment of Financial Cycles by Understanding Bankers Indemnity Policy From Boardrooms to Bedrooms The Changing Landscape of the Insurance Sector in India The Changing Face of the Life Insurance Sector in India

### **Features**

From the Editors Desk	05
Interview with Chunky Chhetry, President, Nepal Insurers' Association & Chief Executive Officer, Sagarmatha Lumbini Insurance Co. Ltd., Nepal	29
New Product Launches	44
Factors one should consider when buying critical illness insurance cover	46
Insurance Caselaws	49
IRDAI Corner	51
Statistics - Non Life Insurance	. 53
Statistics - Life Insurance	54



 $IJBS^{\circ}$ 

The IUP Journal of

### Business Strategy

Vol. 20 No. 3 (Quarterly)

Hyderabad, September 2023

A Comparative Analysis of Performance, Operational Efficiency, Strategies and Competitive Advantage of Auto Parts Firms in India

Shapnam Marziya M, Rushit Gnanaroy and Subburaj L

Acc. No. J07901

5

Case-Based Research on Mergers and Acquisitions:

A Review

23

Surbhi, Sandeep Vij and Amit Kumar Sharma

Can Jochen Zeitz Engineer a Turnaround at Harley-Davidson?

48

Benudhar Sahu and Indu Perepu



IUP Publications
(A Division of The ICFAI Society)
www.iupindia.in



Acc No Jo 7902

The IUP Journal of

### Organizational Behavior

Role of Experiential Knowledge in Women's Empowerment Through Self-Help Groups: An SEM Analysis in Jammu & Kashmir John Mohammad Paray

5

Impact of Green HRM Practices on Environmental CSR of Indian Banks: A Comparative Analysis of a Public and Private Bank
Sarthak Mishra and Namita Rath

26

Perception of Fit and Workplace Fun as Drivers of Employee Engagement Antriksha Negi, Ravinder Pant and Nawal Kishor

51

Cultural Intelligence and Task Performance: Mediating Role of Cross-Cultural Adjustment in Indian IT Firms Kishore Babu Addagabottu and Nagaraju Battu

75

Determinants of Employee Job Satisfaction: An Empirical Study in India Vijeta Pundir, Anshul Taneja, Prachi Bansal,

98

IUP Publications

Shaivya Paliwal and Yashika Arora

(A Division of The ICFAI Society)
www.iupindia.in



### JOURNAL

# The Journal of ENTREPRENEURSHIP

Vol. 32 No. 2S November 2023

Special Issue: Appropriate Technologies and Entrepreneurship for Global Sustainability Development Guest Editor: Philippe Régnier

Acc. No. J07928

find this journal Online at journals.sagepub.com/home/joe ISSN 0971-3557





### The Journal of Entrepreneurship

895

Volume 32 Number 2S November 2023

Special Issue: Appropriate Technologies and Entrepreneurship for Global Sustainability Development Guest Editor: Philippe Régnier Contents Acc. No. J07928 Editorial 75 Guest Editorial 95 Articles Innovation, Appropriate Technologies and Entrepreneurship for Global Sustainability Development: A Review Until the Early Twenty-first Century 125 Philippe Régnier Technological Transformation and the Role of Frugal Innovations in Entrepreneurship Development in India 275 Binod Khadria and Ratnam Mishra Global De-risking and Local Risk-taking: Chinese Entrepreneurship and Technologies in Time of Global Challenges 475 Heini Shi Frugal Engineering of Advanced Frugal Innovations for Global Sustainability Entrepreneurship 695 Balkrishna C. Rao and Ingo Liefner

Strengthening Local Innovation and Entrepreneurial Ecosystems

Elizabeth Hoffecker, Francisco Ramos, Gordon Adomdza and Dan Frey

Analysis of an Entrepreneurial Ecosystem in Northern Haiti to Stimulate Innovation and Reduce Poverty Samuel Pierre, Jocelin Dupénor, Raymond Kernizan, Marc-Donald Vincent, Stéphane Dauphin-Pierre and Jimmy Pierre	1175
Business Opportunities of Information and Communication Technologies (ICTs) in Health Services for Democratic Republic of Congo Musandji Fuamba, Edmond Mutshipayi Badibanga and Kalanga-Nadine Kashale	1425
The Ignored Legitimation Paradox of Northern Technology-based New Ventures Encountering Southern Contexts: Case Study of a French e-Books Company Amira Laifi, Yabo Octave Niamié and Olivier Germain	1595

# THE MANAGEMENT ACCOUNTANT

ISSN 0972-3528

November 2023 | VOL 58 | NO. 11 | Pages - 124 | ₹ 100



# VING FORCE

gournal of



THE INSTITUTE OF COST ACCOUNTANTS OF INDIA

(Statutory Body under an Act of Parliament)

www.icmai.in

Enlisted in UGC-CARE REFERENCE LIST OF QUALITY JOURNALS

## INSIDE

### **NOVEMBER 2023**

### **COVER STORY**

MICRO, SMALL AND MEDIUM ENTERPRISES VIS-A-VIS GOVERNMENT E-MARKET PLACE: THE GROWTH STORY --- 27

TReDS -A SOLUTION TO MSMEs LIQUIDITY ISSUES? --- 31

COST MANAGEMENT THROUGH COMMODITY DERIVATIVE TRADING: OPPORTUNITY FOR THE MSMES IN INDIA TO BE FUTURE-READY --- 34

IMPLEMENTATION OF GST IN TIER - III CITIES OF INDIA: EVIDENCE FROM SMES OF THE ITANAGAR CAPITAL REGION --- 38

CASH MANAGEMENT OF SMES: CHALLENGES AND REMEDIES AN EMPIRICAL STUDY OF SMES IN NORTH BENGAL --- 44

THE ROLE OF ECOSYSTEMS IN FACILITATING MSMES' SCALING THROUGH DIGITAL TRANSFORMATION --- 50

A STUDY OF TECHNOLOGY ADOPTION DRIVERS AND BARRIERS IN INDIAN MSMES WITH RESPECT TO m-CRM --- 54

MICRO, SMALL, AND MEDIUM SCALE ENTERPRISES IN INDIA: CURRENT SCENARIO, PROBLEMS & PROSPECTUS ---- 57

MODERN CHALLENGES OF INDIAN WOMEN ENTREPRENEURS: A PRIMARY SURVEY BASED STUDY ---- 61

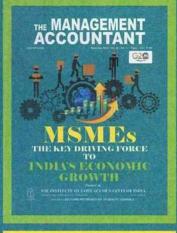
THE SYNERGY EFFECT OF INDO-AFRICA RELATION AND MSME ON DEVELOPMENT PROGRESSION ---- 64

### INTERVIEW



CMA G Srinivasan

Director (Finance) South Eastern Coalfields Ltd. (SECL), Chattisgarh



NOVEMBER VOL 58 NO.11 ₹100

70

SEBI REFORMS ESG RELATED REQUIREMENTS FOR MUTUAL FUNDS

(7)(2)

DICTUMS FROM KAUTILYA'S ARTHASHASTRA FOR DIGITAL TRANSFORMATION OF TREASURY AND DIGITREASURERS

(7)(4)

THE "NATIONAL" STORY WITH AN INTERNATIONAL AWARD - A TURNAROUND SUCCESS UNDER THE (8)(1)INSOLVENCY AND BANKRUPTCY CODE, 2016

TOMORROW'S ACCOUNTANT: MORE PERTINENT, STRATEGIC AND CREATIVE THAN EVER

(8)(6)

PERCEPTIONAL ANALYSIS ON THE INPUT TAX CREDIT UNDER THE GOODS AND SERVICES TAX

**(8)**(7)

IMPACT OF BEHAVIOURAL ASPECTS ON STOCK MARKET INVESTING

(9)(3)

FACTORS INFLUENCING CUSTOMER SATISFACTION IN ONLINE SHOPPING: AN EMPIRICAL STUDY ON SILIGURI METROPOLITAN YOUTH

(9)(7)

From the Editor's Desk	06
President's Communique	08
Chairman's Communique	13
ICMAI-CMA Snapshots	16
Book Review	
CORPORATE ENVIRONMENTAL MANAGEMENT - Towards a Green Economy	67
HANDBOOK ON SECRETARIAL AUDIT	68
Down the Memory Lane	104
News from the Institute	106
Statutory Updates	117

### We have expanded our Readership from 1 to 94 Countries

Afghanistan, Algeria, Argentina, Australia, Azerbaijan, Bahrain, Bangladesh, Belgium, Benin, Botswana, Brazil, British Indian Ocean Territory, Bulgaria, Cambodia, Cameroon, Canada, Chile, China, Colombia, Croatia, Czech Republic, Djiboutt, Egypt, France, Gambia, Germany, Ghana, Great Britain, Greece, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iraq, Ireland, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Lebanon, Liberia, Lithuania, Malawi, Malaysia, Mauritus, Mexico, Morocco, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nigeria, Oman, Pakistan, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russia, Rwanda, Saudi Arabia, Serbia, Seychelles, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Suriname, Sweden, Switzerland, Syria, Taiwan, Tanzania, Thailand, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Vietnam, Zaire, Zimbabwe.

Cover Image Source: https://www.civib.daily.com/hurning-bsug-memes-the-lifeline-of-the-indian-econo

# THE MANAGEMENT ACCOUNTANT

ISSN 0972-3528

October 2023 | VOL 58 | NO. 10 | Pages - 124 | ₹ 100



AccNO 507933

# RENEWABLE ENERGY INDIA EMERGE AS A GLOBALIEADER IN ENERGY TRANSITION

Journal of



(Statutory Body under an Act of Parliament)

www.icmai.in

Enlisted in UGC-CARE REFERENCE LIST OF QUALITY JOURNALS



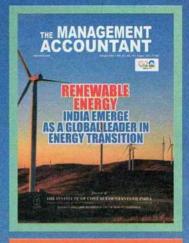
## INSIDE

OCTOBER 2023

#### **COVER STORY**

SMART GRID, AI, IOT AND BIG DATA: POWERING INDIA'S RENEWABLE ENERGY REVOLUTION --- 20

COAL INDIA LTD:
ROLE IN INDIA'S ENERGY TRANSITION --- 26



OCTOBER VOL 58 NO.10 ₹100

RENEWABLE NATURAL CAPITAL AND ENERGY FOR SUSTAINABLE DEVELOPMENT IN INDIA:
A STUDY OF PHARMACEUTICAL INDUSTRY IN INDIA --- 30

DEVELOPING THE COUNTRY'S RENEWABLE ENERGY SECTOR: BENEFITS FROM FOREIGN DIRECT INVESTMENT --- 38

OPPORTUNITIES AND CHALLENGES FOR G-20 COUNTRIES TRANSITION TO RENEWABLE ENERGY: LEADERSHIP ROLE OF INDIA --- 44

A COMPREHENSIVE ANALYSIS OF PRODUCTION, UTILIZATION AND FUTURE PROSPECTS FOR GREEN HYDROGEN FOR A SUSTAINABLE FUTURE ---- 50

STEERING TOWARDS A GREENER AND SAFER FUTURE:
A STUDY OF ELECTRIC VEHICLES IN MAJOR STATES OF INDIA ---- 54

EMPOWERING GLOBAL ENERGY TRANSITION: ASSESSING INDIA'S
G20 PRESIDENCY INITIATIVES AND ENERGY EFFICIENCY STRATEGIES --- 58

0

INTERVIEW



**CMA Pradip Kumar Das** 

Chairman & Managing Director Indian Renewable Energy Development Agency Limited's (IREDA), New Delhi

(6)(2)

#### SUSTAINABILITY LEAF

CREATING SUSTAINABLE CITIES -MUNICIPALITIES AND THE POTENTIAL OF SEBI'S GREEN BOND FRAMEWORK

**6**8

#### DIGITAL TRANSFORMATION

HACKERS, MALICIOUS AND ETHICAL HACKING -TRANSMUTATION FROM WISHFUL OPTION TO A CRITICAL SUCCESS FACTOR

72

#### MEDIATION ACT, 2023

MEDIATION: THE ROLE ENHANCER FOR CMAS (8)(0)

#### LEAN THINKING

LEAN THINKING OVERVIEW: STREAMLINING PROCEDURES FOR VALUE AND EFFICIENCY

(8)(4)

#### ESG

ESG RATINGS AND FIRM'S PROFITABILITY

(9)(0)

#### DUAL CLASS SHARES

DIFFERENTIAL VOTING RIGHTS IN

9(4)

#### BANKING

DOES NPA HAVE AN IMPACT ON FINANCIAL PERFORMANCE: AN EMPIRICAL STUDY OF TOP 10 BSE LISTED PUBLIC SECTOR BANKS IN INDIA BY MARKET CAPITALISATION

(1)(1)(1)

From the Editor's Desk	06
President's Communique	08
ICMAI-CMA Snapshots	18
Book Review	66
Down the Memory Lane	106
News from the Institute	108
Statutory Updates	116

#### We have expanded our Readership from 1 to 94 Countries

Afghanistan, Algeria, Argentina, Australia, Azerbaijan, Bahrain, Bangladesh, Belgium, Benin, Botswana, Brazil, British Indian Ocean Territory, Bulgaria, Cambodia, Cameroon, Canada, Chile, China, Colombia, Croatia, Czech Republic, Djibouti, Egypt, France, Gambia, Germany, Ghana, Great Britain, Greece, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iraq, Ireland, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Lebanon, Liberia, Lithuania, Malawi, Malaysia, Mauritus, Mexico, Morocco, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nigeria, Oman, Pakistan, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russia, Rwanda, Saudi Arabia, Serbia, Seychelles, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Suriname, Sweden, Switzerland, Syria, Taiwan, Tanzania, Thailand, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Vietnam, Zaire, Zimbabwe.

Cover Image Source

https://reneweconomy.com.aie/renewable-energy-now-accoints-for-a-third-of-globa power-capacity-69547/

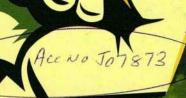
## THE MANAGEMENT ACCOUNTANT

ISSN 0972-3528

September 2023 | VOL 58 | NO. 09 | Pages - 124 | ₹ 100







# DEFENCE SECTOR Marching towards

Journal of



THE INSTITUTE OF COST ACCOUNTANTS OF INDIA

(Statutory Body under an Act of Parliament)

www.icmai.in

Enlisted in UGC-CARE REFERENCE LIST OF QUALITY JOURNALS

## SEPTEMBER 2023

#### COVER STORY

INDIA'S DEFENCE READINESS IN A COST CONSCIOUS WAY -ROLE OF CMAS ---- 25

CHALLENGES AND OPPORTUNITIES
IN THE AREAS OF DEFENCE FINANCE AND ECONOMICS:
NAVIGATING A COMPLEX LANDSCAPE ---- 27

DEFENCE FINANCE RESHAPED: EMPOWERING INDIA'S SECURITY THROUGH SMART ECONOMICS ---- 30

CHALLENGES AND OPPORTUNITIES IN THE INDIAN DEFENCE SECTOR: A STRATEGIC PERSPECTIVE - THE WAY FORWARD ---- 32

GROWING SIGNIFICANCE OF MSMES IN INDIAN AEROSPACE MANUFACTURING---- 36

MANAGING DEFENCE RESOURCES SMARTLY: THE CRUCIAL ROLE OF CMAS IN INDIA'S COST-CONSCIOUS READINESS ---- 40

MAKE IN INDIA IN INDIAN DEFENCE: A PROSPECT OF DEVELOPMENT FOR MICRO. SMALL & MEDIUM ENTERPRISES --- 43

IGNITING YOUNGER MINDS THROUGH DEFENCE START UPS --- 46

EMPLOYEE ENGAGEMENT IN INDIAN MILITARY ORGANIZATIONS: INSIGHTS FROM INTERVIEWS WITH MILITARY ORGANIZATION HEADS --- 50

GREEN INITIATIVES IN INDIAN DEFENCE SECTOR A JOURNEY TOWARDS SUSTAINABILITY --- 54

#### INTERVIEW



CMA Ramesh Kumar Dash

Director (Finance) Garden Reach Shipbuilders & Engineers Ltd., Kolkata

(5)(7)

THE MANAGEMENT

**DEFENCE SECTOR** 

AATMANIRBHARTA

THE ISSUED OF COST ACCOUNTS IN INCHES

SUSTAINABILITY LEAF

SEBI REFORM ON ESG RATING PROVIDERS

(6)(0)

#### DIGITAL TRANSFORMATION

Web3 AND TOKENISATION FOR ASSET CREATION BY COMMON PEOPLE WITH FRAGMENTED OWNERSHIP THROUGH BTaaS

63

#### HIRED CAR ECOSYSTEM

RE-IMAGINING HIRED TRAVEL CAR INDUSTRY IN INDIA

(7)(0)

#### INVENTORY VALUATION

INVENTORY VALUATION UNDER INCOME TAX ACT BY INQUIRY BEFORE ASSESSMENT: AMENDMENT IN SECTION 142(2A) OF INCOME TAX ACT 74

THE TAXACT

#### RISK MANAGEMENT

MODELLING NIFTY VOLATILITY: APPLICATION OF HYBRID GARCH MODELS

(7)(6)

#### GREEN FINANCE

GREENWASH

82

#### MARGINAL COSTING

MULTI-PRODUCT FIRMS: MATHEMATICAL DERIVATION OF COMPOSITE BREAK-EVEN POINT

8)(5)

#### IND A

IMPACT OF IND AS IMPLEMENTATION A STUDY ON PROFITABILITY OF SELECT INDIAN COMPANIES

(8)(8)

#### DREDICTIVE ANALYTICS

PREDICTIVE ANALYTICS AND THE ENHANCED STRATEGIC ROLE OF MANAGEMENT ACCOUNTANTS

9(3)

#### SSO - A CATALYST FOR GROWTH AND FELICIENCY

SHARED SERVICES ORGANISATION: A CULTURE THAT FOSTERS GROWTH, EFFICIENCY AND SUSTAINABLE VALUE CREATION

(9)(6)

From the Editor's Desk	06	
President's Communique	08	
Chairman's Communique	12	
Council Committees: 2023-2024	14	
ICMAI-CMA Snapshots	21	
Down the Memory Lane	100	
News from the Institute	103	

We have expanded our Readership from 1 to 94

Afghanistan, Algeria, Argentina, Australia, Azerbaijan, Bahrain. Bangladesh, Belgium, Benin, Botswana, Brazil, British Indian Ocean Territory, Bulgaria, Cambodia, Cameroon, Canada, Chile, China, Colombia, Croatia, Czech Republic, Djibouti, Egypt, France, Gambia, Germany, Ghana, Great Britain, Greece, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iraq, Ireland, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Lebanon, Liberia, Lithuania, Malawi, Malaysia, Mauritius, Mexico, Morocco, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Nigeria, Oman, Pakistan, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russia, Rwanda, Saudi Arabia, Serbia, Seychelles, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Suriname, Sweden, Switzerland, Syria, Taiwan, Tanzania, Thailand, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States of America, Vietnam, Zaire, Zimbabwe.



### UNIVERSITY NEWS

A Weekly Journal of Higher Education

#### **Association of Indian Universities**

Vol. 61 • No. 48 • November 27-December 03, 2023

Acc. No. J07848

#### Moumita Das, Suresh Garg and Ramesh Sharma

Designing Curriculum and Assessments for Outcome-based Learning in Indian Higher Education Institutions: Some Key Considerations

#### **Danveer Gautam and Rajani Ranjan Singh**

Changing Landscape of Higher Education in India through National Education Policy—2020

#### **Digvijay Singh**

A Ray of Hope against Menace of Ragging

#### **Kushagri Singh and Deepty Gupta**

STEM in Higher Education in India: How Far We Are?

#### S Abdul Nazeer

Horticulture: The Key Booster of Country's Economy

Convocation Address

0 5 DEC 2123



### **UNIVERSITY NEWS**

A Weekly Journal of Higher Education

**Association of Indian Universities** 

Vol. 61 • No. 47 • November 20-26, 2023

Acc. NO. J07847

### Special Issue

on

## INTEGRATING BHARTIYA KNOWLEDGE SYSTEM WITH HIGHER EDUCATION

on the occasion of

AIU EAST ZONE VICE CHANCELLORS' MEET-2023-24

hosted by

THE ASSAM ROYAL GLOBAL UNIVERSITY, GUWAHATI

on

NOVEMBER 21-22, 2023

#### **Table of Contents**

	orial istla Rama Devi <mark>Pani</mark>	7
Kno	ing the Tone for AIU East Zone Vice Chancellors' Meet on Integrating Bhartiya wledge System with Higher Education ankaj Mittal and Sistla Rama Devi Pani	9
The	Assam Royal Global University, Assam: A Profile	12
1.	Bhartiya Knowledge System and North-East India  — S P Singh	17
2.	Embedding Bhartiya Knowledge System for Futuristic Education  — Ramesh Sharma and Suresh Garg	20
3.	Revitalizing Bhartiya Traditional Knowledge for Sustainable Development and Technological Advancement  - Sagar Onkarrao Manjare	27
4.	Challenges in Communication and Dissemination of Traditional Knowledge  — Debabrata Das and Rashida T Noorain	34
5.	Significance of Indian Knowledge Systems in Evolving Modern Management Practices  – B Bhargava Teja	37
6.	Integrating Folk Literature in Higher Education  – Nalin K Shastree	47
7.	Decoding the Wealth of Tribal Knowledge: The Unique Ways of Understanding the Habitat, Culture and Contributions  – Gouri Srivastava	57
8.	Integrating Bhartiya Knowledge System in Higher Education for Potential  Transmission of Our Culture and Tradition  - Abhijit Bora	63
9.	Return of Vishwa Guru Status: Strategies to Maintain and Propagate  Ancient Indian Wisdom for Global Welfare  - Sarika Dixit	MIA
10.	Integration of Bhartiya Knowledge System in Higher Education for Preservation and Propagation	
11.	- Jayantibhai V Patel  Culture in Education and Education in Culture: Preserving and Transmitting  Bhartiya Knowledge System  - K C Vashishtha and Karnica Vyas	73 78

12.	Music-Yoga Fusion Programme in Curriculum for Holistic E  — Sri Arun Dubey	ducation	82
13.	Ancient Bhartiya Wisdom in Modern Context: Everlasting Knowledge System Heritage for Human Development – Meenu Sharma and Baishalee Rajkhowa	elfa Rama Devi Pani	86
14.	Preserving the Legacy of the <i>Vishwa Guru</i> : Approaches to St Ancient Indian Knowledge for Global Well-being  – <i>Anjali Shokeen</i>	ustain and Promote	
15.	Between the Visual and the Verbal: Shri Sankardeva's Vision – Krishna Barua	of Aesthetics	96
16.	18 Siddhars and Siddha Medicine: The Forgotten Indian Sain Medical Knowledge		99
17.	Literary Work of Sant Tulsidas : The Legend of Bhartiya Kr		103
18.	Paradigms of Learning the Traditions  – Kshama Pandey and Neetu Singh	and Technological Advancement  – Sugar Cukurrao Manjare	105
19. 4£	Harnessing Traditional Tribal Knowledge Treasure in India b Potential of Digital Platform — Subhajit Panda and Navkiran Kaur	y Unlocking the	110
20.	Integrating Bhartiya Knowledge System in the Teaching-lear Holistic Development in Higher Education Institutions – Aruna Dev Rroy and Baishalee Rajkhowa	ning Framework for	120
21.	Return of Bharat's Vishwa Guru Status: Understanding Wa Propagate Ancient Bhartiya Wisdom for Global Welfare	ys to Maintain and STARSHA A BLOCK TO STARSHA A BLO	107
Con	- Meenu Sharma and Arpee Saikia  vocation Address	the Habitat, Culture and Contributions  — Court Streetawn	127
At	imya omvoisity, itajkot, oajarat	Integrating Bhartiya Koowledge System in	131
Can	npus News		133
The		Return of Firmar Garu Status; Strategies b Ancient Indian Wisdom for Global Welfan - Sanker Duxi	136 139
Adv	rertisement and another another and another another another and another an	Integration of Bhartiya Knowledge System and Expension.  Jacumilitati Field	142

Rs. 30.00 ISSN-0566-2257



## UNIVERSITY NEWS

A Weekly Journal of Higher Education

#### **Association of Indian Universities**

Vol. 61 • No. 46 • November 13-19, 2023

Acc. NO. JO7846

**B L Gupta** 

The National Education Policy – 2020: Value Addition for Quality Education through Student Clubs and Quality Circles

N Mani and R Revathi

Innovative Assignment and Teaching Methods in Economics

Sonali Jaiswal and Vivek Nath Tripathi

Children with Cyber Bullying: A Parental Style for Their Children

Bijaya Kumar Sahoo

Efficacy of Online Support Services: A Case Study of Indira Gandhi National Open University Regional Centre, Raipur

**Droupadi Murmu** 

Remarkable Marine Positioning of India

- Convocation Address

0 5 DEC 2123

NOIDA



### UNIVERSITY NEWS

A Weekly Journal of Higher Education

#### **Association of Indian Universities**

Vol. 61 • No. 45 • November 06-12, 2023

05 DEC 213 ACC. NO. Jo 7865

Digambar Shirke, Avanish Patil and Dattatraya Machale

Salute to the Freedom Fighters: AKAM Celebration Everyday

Asit Kumar Das, Sudhakar C. Agarkar and Taiyeba Tabassum

Evolution of Science and Technology Education in India: An Overview in the Light of National Education Policy —2020

Subhajit Panda and Navkiran Kaur

Technology Enhanced Assessment towards Enhanced Productivity of Educational Systems Resources

Ashok G. Matani

A Study on Changes in Study Habits After the Pandemic

Satya Pal Malik

Higher Education is a Powerful Tool to Build a Knowledge Society

- Convocation Address

*Ushus-Journal of Business Management* Vol. 22, No. 3 July - September 2023 ISSN 0975-3311 https://doi:10.12725



Acc. NO . J07805

# Shus

JOURNAL OF BUSINESS MANAGEMENT

64

#### **Table of Contents**

## Editorial Acc. No. Jo 7805

#### Articles

Digitalization Impacting Marketing Strategies and	
Practices	
Sunanda Vincent Jaiwant	1
Sustainable Marketing: Electric Vehicles'	
Commitment to a Sustainable Future	
Renati Jayaprakash Reddy & Anita Kurian	13
Landing Page Via Perceived Interactivity for Four	
Generational Cohorts	
Mary Rani Thomas & Jain Mathew	27
The Perception of Customers Towards Sustainable	
Practices in Indian Banks	
Sina E. S. & D. Vennila	47

The Flywheel: A New Digital Marketing Model	
Kiran Vazirani & Sunanda Vincent Jaiwant	63



# YOJANA

**DECEMBER 2023** 

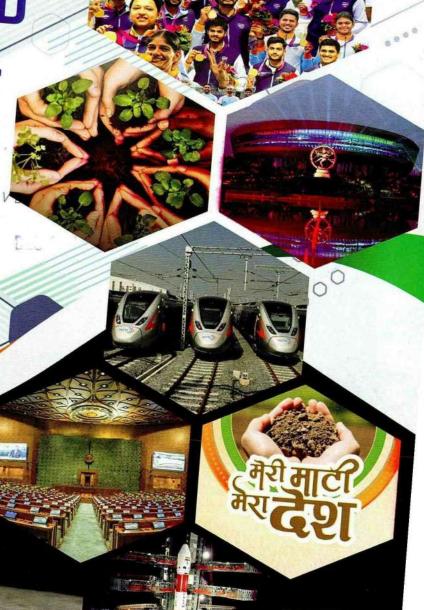
A DEVELOPMENT MONTHLY

₹22

Acc. NO. J07857

YEAR-END SPECIAL

R MADHAVAN



#### **DECEMBER 2023**

Volume-67



YOJANA

Since 1957

DEVELOPMENT MONTHLY

CHIEF EDITOR

MANOGYAN RANT PAL

Acc. NO. J07857

Rig Veda

IN THIS ISSUE

#### EDITOR SHUCHITA CHATURVEDI

#### **OUR REPRESENTATIVES**

Ahmedabad: JS Patel, Bengaluru: Yashwant Shehnai, Bhubaneswar: Itishree Singh Rathaur, Chennai: Sanjay Ghosh, Guwahati: Maruf Alam, Hyderabad: Krishna Vandana P, Jalandhar: Gagandeep Kaur Devgan, Kolkata: Sumita Chakraborty, Mumbai: Sangeeta Godbole, Thiruvananthapuram: Sudha S Namboothiry.

JOINT DIRECTOR, PRODUCTION

D K C HRUDHAINATH

COVER DESIGN BINDU VERMA

Yojana (English): Room No. 647, Soochna Bhawan, CGO Complex, Lodhi Road, New Delhi-110 003. E-mail (Editorial): sec-yojanaeng-moib@gov.in

YOJANA, a development monthly published since 1957, is a theme-based journal providing in-depth analyses and views on socio-economic issues in the broader framework of government policies. Although published by the Ministry of Information and Broadcasting, YOJANA is not restricted to expressing the official point of view.

#### DISCLAIMER

- The views expressed in various articles are those of the authors and they do not necessarily reflect the views of the Government or the organisation/s they work for.
- Maps/flags used in the articles are only indicative and they do not reflect the political map or legal representation of the flag of India/any other country.
- The infographics/figures are provided by the authors through their reliable sources and YOJANA claims no responsibility for the same.
- Images, graphics and illustrations, wherever used, are mostly sourced from government channels and are indicative in nature.
- YOJANA does not own responsibility regarding the contents of the advertisements. The readers are requested to verify the claims made in the advertisements regarding courses, careerauidance books or institutions.
- YOJANA doesn't endorse or promote any brands or private entities presented as case studies in any of the articles.

#### SUBSCRIPTION/GRIEVANCES

Email: pdjucir@gmail.com Phone: 011-24367453 (Monday-Friday, 9:30 am- 6:00 pm)

Postal Address: Abhishek Chaturvedi, Editor, Journals Unit, Publications Division, Room No. 779, Soochna Bhawan, CGO Complex, Lodhi Road, New Delhi-110 003.

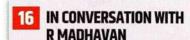
Please note that it will take atleast eight weeks to start your subscription. Kindly raise your queries/grievances about non receipt of the journals only after this period.

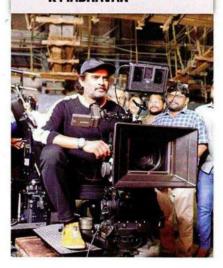
- 7 INDIA'S MOONSHOT Sudheer Kumar N
- INDIA'S GROWING STATURE
  A RISING POWER
  Suian Chinov

Let noble thoughts come to us from all sides.

- 25 SPORTING PROWESS
  THE YEAR OF HISTORIC WINS
- 34 REDEFINING MOBILITY
  TRANSFORMING LANDSCAPE
  OF TRANSPORT SECTOR
- 43 INDIA'S INDUSTRY SECTOR
- 52 AGRICULTURE AND RURAL DEVELOPMENT: KEY INITIATIVES 8 ACHIEVEMENTS

Dr Jagdeep Saxena









## UPCOMING ISSUE EASE OF DOING BUSINESS

Number of pages: 60

Details of the Sales Outlets of the Publications Division on Page 40

YOJANA is published in Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu, and Urdu.