

Volume No. 2

Issue No. 2



Deshbandhu College Library

Current Awareness Service

Current Contents

February 2023



Contents

S. No	Journals/Magazine	Volume/Issue No.	Page No.
1.	Down to Earth	Vol. 31 No. 18	1
2.	Down to Earth	Vol. 31 No. 19	2
3.	Economic and Political Weekly	Vol. LVIII No. 5	3
4.	Economic and Political Weekly	Vol. LVIII No. 6	4
5.	Economic and Political Weekly	Vol. LVIII No. 7	5
6.	Economic and Political Weekly	Vol. LVIII No. 8	6
7.	कुरुक्षेत्र	Vol. 69 No.4	7
8.	Kurukshetra	Vol. 71 No. 4	8
9.	Seminar	762	9
9.	Yojana	Vol. 67 No. 2	10
12	योजना	Vol. 67 No. 2	11

Down To 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

MULTIMEDIA EDITOR Arnab Pratim Dutta

CREATIVE DIRECTOR Ajit Bajaj

SUPPLEMENT EDITOR Souparno Banerjee

CHIEF CARTOONIST Sorif Gupta

REPORTING TEAM Shagun, Akshit Sangomla, Pulaha Roy, Taran Deol, Shuchita Jha, Rohini Krishnamurthy, Zumbish, Seema Prasad, Himanshu N

SUB EDITOR Dakshiani Palicha

WEB EDITORS Rajat Ghai, Preetha Banerjee, Nandita Banerji, Arya Rohini

DESIGN TEAM Chaitanya Chandan (Art Editor), Ritika Bohra, Tarun Sehgal (Senior Designers), Yogendra Anand (Illustrator), Shri Krishan

PHOTO EDITOR Vikas Choudhary

PHOTO LIBRARY Anil Kumar

PRODUCTION Rakesh Shrivastava, Gundhar Das

TECH SUPPORT Rajendra Rawat, Jaidev Sharma

MULTIMEDIA Joel Michael, Aishwarya Iyer, 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 31, No 18; 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 International Print-o-Pac
Limited, B-204, 205, Okhla Industrial Area, Phase I, New
Delhi-110020, India, and published at
41, Tughlakabad Institutional Area, New Delhi 110 062.

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

FOR ADVERTISEMENTS Jyoti Ghosh
jghosh@cseindia.org

FOR SUBSCRIPTIONS
KCR Raja, raja@cseindia.org



◀ Cover design: Ajit Bajaj

Down To Earth does not endorse the content of advertisements printed in the magazine. All disputes are subject to the exclusive jurisdiction of competent courts and forums in Delhi/New Delhi only.

Contents

HIMALAYA SPECIAL

06 Joshimath at risk

Excessive construction in a fragile terrain may have led to rapid subsidence in the Himalayan town

16 Clear connection

Data shows disasters on the rise in the Himalayan region in recent decades

20 Reckless planning

Rapid and unplanned urbanisation has made the ecologically sensitive mountain states more vulnerable

30 Desire for hydropower

Massive hydroelectric projects planned in seismically active areas of mountainous regions

38 Compound effect

A warming Himalayas and ecological degradation due to human actions make a deadly mix

48 Matter of survival

Sustainable strategies to ensure development of mountain states

EXPERT OPINION

Madhav Gadgil • C P Rajendran • Manoj Kumar and Raj Kiran Dhiman
• Anil Joshi • Himanshu Kulkarni • Indra D Bhatt • P D Rai

30 years

Down To 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
MULTIMEDIA EDITOR Arnab Pratim Dutta
CREATIVE DIRECTOR Ajit Bajaj
SUPPLEMENT EDITOR Souparno Banerjee
CHIEF CARTOONIST Sorit Gupta
REPORTING TEAM Shagun, Akshit Sangomla, Pulaha Roy, Taran Deol, Shuchita Jha, Rohini Krishnamurthy, Zumbish, Seema Prasad, Himanshu N
SUB EDITOR Dakshiani Palicha
WEB EDITORS Rajat Ghai, Preetha Banerjee, Nandita Banerji, Arya Rohini
DESIGN TEAM Chaitanya Chandan (Art Editor), Ritika Bohra, Tarun Sehgal (Senior Designers), Yogendra Anand (Illustrator), Shri Krishan
PHOTO EDITOR Vikas Choudhary
PHOTO LIBRARY Anil Kumar
PRODUCTION Rakesh Shrivastava, Gundhar Das
TECH SUPPORT Rajendra Rawat, Jaidev Sharma
MULTIMEDIA Joel Michael, Aishwarya Iyer, 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 31, No 19; 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 International Print-o-Pac Limited, B-204, 205, Okhla Industrial Area, Phase I, New Delhi-110020, India, 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 Jyoti Ghosh
jghosh@cseindia.org

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



◀ Cover design: Ajit Bajaj Cover illustration: Yogendra Anand

Down To Earth does not endorse the content of advertisements printed in the magazine. All disputes are subject to the exclusive jurisdiction of competent courts and forums in Delhi/New Delhi only.



COVER STORY

26

Race to decarbonise industries sees the US and EU shed their long-standing zeal for free trade and introduce protectionist policies at the cost of developing countries

14 Digest

Why the earthquake in Türkiye and Syria was so deadly

16 Union Budget

With allocation cuts in subsidies, rural India has little to cheer for

20 Jharkhand drought

The state ill-prepared despite undertaking ample water works

24 New energy source

Finland develops a battery using sand from construction sites

37 Bid for bio-CNG

All that ails production of this clean fuel in the country

41 Invasive species

Planned seaweed park in Tamil Nadu poses threat to coral



Suffrage in Shackles

10 After 72 years of adopting universal adult franchise in its Constitution, India has remained unperturbed to the cause of voting rights of prisoners.
— *Anweshya Panigrahi, Akankhya Panigrahi*

Covid Nationalism and Its Discontents

14 This article examines China's response to the spread of COVID-19, the framing of this response through nationalist narratives, and the eventual chaotic pivot from zero-Covid policy. — *Tansen Sen*

SDG India Index: A Critical Assessment

20 The Sustainable Development Goal India Index released by NITI Aayog continues to attract public attention. This article highlights a few methodological problems in the SDG India index. — *Md Zakaria Siddiqui, Mohd Feroze Khan*

SDGs and Small Tea Growers of Assam

24 Tea, the most popular beverage in the world, is also an important industry for the rural economy and acts as one of the contributors to the internationally agreed-upon Sustainable Development Goals. — *Apurba Saha, Edlina Kerketta*

Natural Rubber Sector in India

28 The changes experienced by natural rubber sector in India during the globalisation period and its consequent challenges are examined in this article. — *A Sajitha*

Contrasted Agrarian Change in Punjab

41 The scarcity of lucrative non-farm jobs and the stagnant or declining agricultural incomes for rural households in Punjab, especially for the Jat Sikhs, are causing distress. By selecting two villages of different types from Ludhiana and Jalandhar districts, this paper presents how the different conditions inherent to the villages led to sharply contrasted agrarian changes. — *Koichi Fujita, Akihiko Ohno & Kamal Vatta*

New Labour Codes and Women Workers

52 The union government has enacted four new codes amalgamating existing 29 labour legislations, and presently is in the process of finalising the rules. This paper examines the probable impact of such changes on women workers, in the context of the declining female labour force participation rate in the last few decades. Labour laws need to be reframed in such a manner that they contain measures that facilitate greater female participation in the labour market. — *Kingshuk Sarkar, Ellina Samantroy*

How Smart Are Indian Smart Cities?

59 This paper deals with the components of a "smart city" and the governmental actions required for their sustainability. It aims at analysing the perception of the people towards the smart city project and gauges their understanding of its components based on a purposive sampling method. On all fronts of the smart city components, it was found that the general public were not satisfied with the facilities available. — *Naina Sambher, D D Sharma*

EDITORIAL

Empowerment through Higher Education7

COMMENT

Fact-checking or Censorship by Other Means? ... 8

FROM THE EDITOR'S DESK

In Search of a Socially Enlightened Media..... 9

FROM 50 YEARS AGO 9

ALTERNATIVE STANDPOINT

Suffrage in Shackles: A Case for Enfranchising Prisoners in India
— *Anweshya Panigrahi, Akankhya Panigrahi* 10

COMMENTARY

Covid Nationalism and Its Discontents in China
— *Tansen Sen*14

Methodological Issues in SDG India Index: A Critical Assessment
— *Md Zakaria Siddiqui, Mohd Feroze Khan* 20

Sustainable Development Goals and Small Tea Growers of North-east Assam
— *Apurba Saha, Edlina Kerketta* 24

Natural Rubber Sector in India: Changes and Challenges
— *A Sajitha* 28

REFEREES CONSULTED IN 2022 34

BOOK REVIEWS

The Agricultural Dilemma: How Not to Feed the World—The Everyday Wars on World Agri-cultures
— *A R Vasavi* 35

Reworking Culture Relatedness, Rites, and Resources in the Garo Hills, North East India—Of Spirits and the State: The Universe of the Upland Garo Community
— *Richard Kamei* 38

SPECIAL ARTICLES

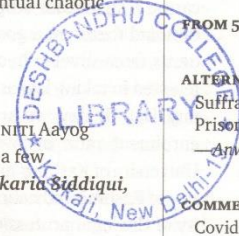
Contrasted Agrarian Change in Punjab, India: Case Study of Two Villages in Ludhiana and Jalandhar Districts
— *Koichi Fujita, Akihiko Ohno, Kamal Vatta*41

New Labour Codes and Implications for Women Workers
— *Kingshuk Sarkar, Ellina Samantroy* 52

How Smart Are Indian Smart Cities? A Case Study of Shimla
— *Naina Sambher, D D Sharma* 59

CURRENT STATISTICS 65

LETTERS 4



The Digital Personal Data Protection Bill, 2022

10 This bill can be best characterised as adopting a soft tone for businesses and granting the tiger claw to the state. — *P Arun*

COVID-19 and Female Unpaid Labour

14 The COVID-19 pandemic and the associated lockdowns have added to unpaid household labour for women. — *V Kalyan Shankar, Rohini Sahni*

Failure of Uttar Pradesh's Textile Policy

18 This article critically analyses why the Uttar Pradesh textile policy of 2017 fails to enhance the economic situation of the handloom workers. — *Lipi Ghosh*

Struggle for a Level Playing Field

21 Ensuring a level playing field for all sportspersons, especially sportswomen, requires a radical overhaul of all sports bodies. — *Jagmati Sangwan*

Green Finance

24 Green bonds can be a key part of strategies to incorporate climate action into financial decision-making and help developing countries meet their environmental obligations. — *Ismail Siddiqui, Navaneeth M S*

A Step Ahead in School Nutrition Programmes

27 The introduction of the Chief Minister's Breakfast Scheme in government and aided schools is a timely intervention to ensure nutritious food for children aged between five and nine. — *R Gopinath, R Rengalekshmi*

India's Exclusive Growth

35 In the period since the early 1990s, India's economy experienced exclusive growth, that is, growth that benefited the rich. The richest 10% of the population has been the recipient of a large and growing share of the incremental income generated by growth. This paper investigates, theoretically and empirically, the rise and persistence of exclusive growth. — *Ajit K Ghose*

To Patent or Not?

43 India has undertaken many regulatory and legislative reforms to promote innovation and patent protection by universities and academic institutions. This paper provides an empirical estimation of the extent to which patenting by academic institutions in India is affected by factors like institutional policy frameworks, departmental differences, and individual researchers' characteristics. — *Akriti Jain, Ruchi Sharma & P Vigneswara Ilavarasan*

COVID-19 and Migrant Workers from Rural Bihar

54 More than half of the rural households had at least one migrant worker prior to the pandemic, and for 94% of these households, the migrant workers' livelihood was adversely affected. There was large-scale reverse migration with a huge fraction of returning migrants spending as much as four to five months in native villages with limited opportunities for alternative work. — *Gaurav Datt, Swati Dutta & Sunil Kumar Mishra*

Postscript

63 *Vikki Gayakavad* on the popularity of Hindi film songs in Greece; *Rajlakshmi Kanjilal* on the South Korean series *Extraordinary Attorney Woo*; *Suheel Rasool Mir* on Kashmir University's Naseem Bagh; and Last Lines by *Ponnappa*.

Economic & Political WEEKLY

EDITORIALS

The Budget Ignores the Demand Constraints7
Mechanisation without Decent Job Alternatives ...8

FROM THE EDITOR'S DESK

An Insight into the Manhole 9

FROM 50 YEARS AGO 9

COMMENTARY

A Soft Tone with a Tiger Claw:
A Critical Commentary on the Digital Personal
Data Protection Bill, 2022
— *P Arun* 10

COVID-19 and Female Unpaid Labour
— *V Kalyan Shankar, Rohini Sahni* 14

Failure of Uttar Pradesh's Textile Policy
— *Lipi Ghosh* 18

Struggle for a Level Playing Field Continues:
Protests by Wrestlers and Beyond
— *Jagmati Sangwan* 21

Green Finance: Perspectives in
Sustainable Finance Instruments
— *Ismail Siddiqui, Navaneeth M S* 24

A Step Ahead in School Nutrition Programmes:
The Case of Tamil Nadu
— *R Gopinath, R Rengalekshmi* 27

BOOK REVIEWS

*Rethinking Social Justice—Policy and Practice
of Social Justice in Tamil Nadu*
— *Raghubath Nageswaran,
Vignesh Karthik K R* 30

*Translating Myself and Others—Meditations on
the Imperfect Art of Translation*
— *Lucky Issar* 33

SPECIAL ARTICLES

India's Exclusive Growth
— *Ajit K Ghose* 35

To Patent or Not? Factors and Motivation
Affecting Indian Academic Patenting
— *Akriti Jain, Ruchi Sharma,
P Vigneswara Ilavarasan* 43

The COVID-19 Pandemic and Migrant Workers
from Rural Bihar
— *Gaurav Datt, Swati Dutta,
Sunil Kumar Mishra* 54

CURRENT STATISTICS 61

POSTSCRIPT

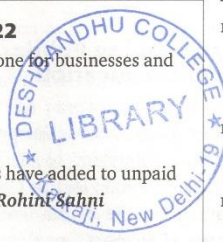
Where Madhubala Meets Socrates:
Hindi Film Songs and 'Being-in-common'
— *Vikki Gayakavad* (63),

On Popular Culture and Neurodiversity
— *Rajlakshmi Kanjilal* (64),

Naseem Bagh: In the Shade of Resistance
and Respite—*Suheel Rasool Mir* (65)

Last Lines (66)

LETTERS 4



A Train to Nowhere

7 Passenger traffic has fallen sharply as the railways prioritise high-end travel over ordinary passengers.

Social Significance of Modern Gardens

8 The state must cultivate more parks to ensure greater social and environmental cohesion.

Municipal Elections and the Constitution

10 Some of India's largest cities with a population of a little more or less than one crore have gone without a municipal government for several years.
— *Alok Prasanna Kumar*

Minimum Wages and Informal Jobs

13 The presence of a large informal sector as the mainstay of semi-skilled and unskilled workers raises questions on how the adoption of minimum wage in the formal sector could affect job opportunities. — *Saibal Kar, Yashika Khattar*

The Fragile Discourse of Caste in West Bengal

19 The objective of this article is to put forward a modest hypothesis to test, namely "to politicise caste in Bengal, it needs to be taken out from the fold of Hindu religion." — *Shiveshwar Kundu*

Railway Landscape and Urban Marginalisation

23 Indian cities, in the last few years, have shown substantial inclination towards rail-based transit-oriented development as a tool to make them more competitive in terms of liveability at a global scale. — *Iman Banerjee, Apala Saha*

Strengthening Municipal Finances

28 International experience from both developed and emerging economies suggests a much higher level of intergovernmental transfers to local governments. — *Meera Mehta, Dinesh Mehta & Dhruv Bhavsar*

Knowledge and Global Inequality

36 This paper characterises the current structure of the world economy as a combination of knowledge monopolies, which also become monopsonies, largely located in the headquarter economies of the global North, with producer companies mainly based on commoditised knowledge in the supplier economies of the global South. — *Dev Nathan*

Is There a 'Money Machine' Tax?

45 This analysis, based on more than four decades of time series data on sales tax/value added tax/goods and services tax in India, does not reveal any nonpareil revenue potential of VAT or the VAT-based GST system. Though the GST revenue has started growing at a faster pace since mid-2020, it is yet to meet its target. — *Anita Rath*

Aggregate Demand and Economic Growth in India

55 Applying the autoregressive distributed lag to the co-integration model and incorporating the structural changes in policies since 1991, it is found that in the long run, out of the five components that significantly influence the aggregate demand and hence the economic growth of India, the private final consumption expenditure plays the most significant role followed by private fixed investment. — *Umesh Bhagat, Hrushikesh Mallick*

Economic & Political WEEKLY

EDITORIALS

A Train to Nowhere7
Social Significance of Modern Gardens8

FROM THE EDITOR'S DESK

Power Plays Out through Distribution and Dispersion 9

FROM 50 YEARS AGO9

LAW & SOCIETY

Municipal Elections and the Constitution
— *Alok Prasanna Kumar* 10

COMMENTARY

Does Minimum Wage Affect Informal Jobs across States in India?
— *Saibal Kar, Yashika Khattar* 13

The Fragile Discourse of Caste in West Bengal
— *Shiveshwar Kundu* 19

Railway Landscape and Urban Marginalisation: Rethinking Transit-oriented Development
— *Iman Banerjee, Apala Saha* 23

Options for Strengthening Municipal Finances
— *Meera Mehta, Dinesh Mehta, Dhruv Bhavsar* 28

BOOK REVIEWS

Mobility as Capability: Women in the Informal Economy—At the Intersections of Patriarchy and Informality
— *Gayatri Nair* 32

Making India Great Again: Learning from Our History—In Search of a Knowledge Society
— *Upamanyu Sengupta* 33

SPECIAL ARTICLES

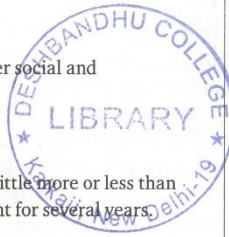
Knowledge and Global Inequality: Monopoly-cum-Monopsony Capitalism
— *Dev Nathan* 36

Is There a 'Money Machine' Tax? Revenue Efficiency of State VAT and GST
— *Anita Rath* 45

Understanding the Structural Dynamics of Aggregate Demand Components and Economic Growth in India
— *Umesh Bhagat, Hrushikesh Mallick* 55

CURRENT STATISTICS 64

LETTERS 4



The Land–Sea Conundrum

10 The new transcontinental linkages are challenging the monopoly of international trade management by Western maritime powers. — *Atul Bhardwaj*

FYUP and the NEP 2020

14 The four-year undergraduate programme has been adopted by an executive order of the government without any proper deliberation. — *Sudhanshu Bhushan*

The Dam Safety Act, 2021

17 The asymmetrical arrangements in political and administrative aspects of the Dam Safety Act, 2021 are interrogated in this article. — *Rajesh C S, Ashwati C K & Manu Sharma*

EWS Reservation and Social Justice

20 With the Supreme Court’s pronouncement in its favour, the reservation for economically weaker sections has become infallible. — *Harish S Wankhede*

Making Election Manifestos Legally Binding

23 Even if the election manifestos are made legally binding, its implementation would remain incumbent upon the Election Commission’s competency. — *Gokul Krishnan, Jehosh Paul, Revati Pillai & Saurabh Raj*

Review of Urban Affairs

29 Six papers examine a wide range of contemporary issues in Indian cities from multidisciplinary perspectives.

Women Corporators and the Gendered State

31 Little is known regarding how women politicians at the local level influence everyday political work. This paper focuses on narratives from 14 women corporators in the newly formed Vasai–Virar City Municipal Corporation in the context of expanded electoral representation for women in cities. — *Lalitha Kamath, Kanak Rajadhyaksha*

WhatsApp and Urban Waste Management

38 Using the cases of two participatory policies for waste management in Mumbai—Advanced Locality Management and Swachh Mumbai Prabodhan Abhiyan—this paper explores WhatsApp as a platform for citizen–government interactions in urban policy implementation. — *Jennifer Spencer*

Street Vending in Master Plans Post 2014

45 The paper posits that the progressive policies of spatial protection for the street vendors directly contradict the state planning practices of addressing informality that rests on restrictive control of the informal and centralisation of planning powers. — *Aravind Unni*

Women Waste Pickers of Kolkata

51 The women waste pickers of Dhapa, Kolkata seem to withstand the dehumanising disposition of their work by embodying a liminal “hybrid” identity to dissociate from their corporeal and sensorial selves. — *Shreyasee Dasgupta*

Cultural Ecologies of Urban Lakes

57 How competition between different caste groups shapes urban political ecologies is explored in this paper. Urban communities mobilise narrowly defined caste associations to strategically make claims to place, and lobby for resources and recognition. — *Pullanna Vidyapogu, Indivar Jonnalagadda*

Socio-spatial Relations in Delhi’s E-waste Market

62 This paper offers new insights on the caste segmentation of commerce in urban India and the role of kin networks and “community capital” in consolidating Seelampur’s status as a key node within India’s e-waste economy. — *Aakansha Jain, Vinay Gidwani*

Postscript

71 *Tapas Mitra* revisits football history and memory; *Surya Sankar Sen* reflects on his friendship with a cattle smuggler; *Mrinmoy Pramanick* examines the legend of Behula; and Last Lines by *Ponnappa*.

Economic & Political WEEKLY

EDITORIALS

Death of a Dream 7
Political Developments in Maharashtra 8

FROM THE EDITOR’S DESK

Should Sympathy Matter in Politics? 9

FROM 50 YEARS AGO 9

STRATEGIC AFFAIRS

The Land–Sea Conundrum: Connectivity and Contest — *Atul Bhardwaj* 10

COMMENTARY

Four-year Undergraduate Programme: Boon or Bane of the NEP 2020—*Sudhanshu Bhushan* 14
The Dam Safety Act, 2021: Asymmetry in Indian Federalism
—*Rajesh C S, Ashwati C K, Manu Sharma* 17
Does EWS Reservation Redraft the Principles of Social Justice?—*Harish S Wankhede* 20
Making Election Manifestos Legally Binding: A Wild Goose Chase—*Gokul Krishnan, Jehosh Paul, Revati Pillai, Saurabh Raj* 23

BOOK REVIEWS

The Demolition and the Verdict: Ayodhya and the Project to Reconfigure India—Judging Ayodhya —*Sanjay R Hegde* 26
Women and Work in Rural India—Women’s Contribution in the Rural Production Process —*Sona Mitra* 27

REVIEW OF URBAN AFFAIRS

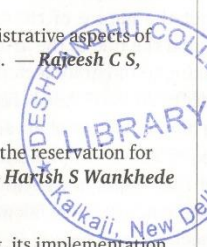
Incomplete Visions and Riven Realities in the Indian City—*Ashima Sood* 29
‘We Must Persevere and Persuade, Not Lose Our Tempers and Shout’: How Women Corporators Experience and Shape the Gendered State under Conditions of Urban Transformation —*Lalitha Kamath, Kanak Rajadhyaksha* 31
Participation through WhatsApp in Urban Waste Management: Citizen–Government Relations and Outcomes in Mumbai’s Participatory Waste Management Policies—*Jennifer Spencer* 38
Planning the Informal: Locating Street Vending in Master Plans Post 2014—*Aravind Unni* 45
Invisible Custodians: A Critical Inquiry into the Continuing Obscurity of Women Waste Pickers at Dhapa Landfill of Kolkata —*Shreyasee Dasgupta* 51
Cultural Ecologies of Urban Lakes: The *Bathukamma* Festival, Caste Associations and Resource Claims in Hyderabad —*Pullanna Vidyapogu, Indivar Jonnalagadda* 57
Community Capital: Socio-spatial Relations in Delhi’s Seelampur E-waste Market —*Aakansha Jain, Vinay Gidwani* 62

CURRENT STATISTICS 67

POSTSCRIPT

Memories of Football: A Reverie—*Tapas Mitra* (71),
The Myth of Rashidun—*Surya Sankar Sen* (72),
Behula Never Can Be a Widow
—*Mrinmoy Pramanick* (73), Last Lines (p 74)

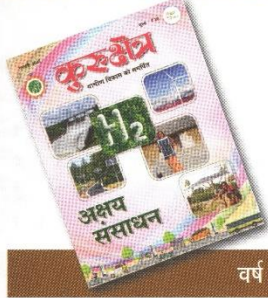
LETTERS 4



कुरुक्षेत्र

इस अंक में

वर्ष : 69 ★ मासिक अंक : 04 ★ पृष्ठ : 52 ★ माघ-फाल्गुन 1944 ★ फरवरी 2023



वरिष्ठ संपादक : ललिता खुराना
संयुक्त निदेशक : डी.के.सी. हृदयनाथ
आवरण : राजिन्द्र कुमार

संपादकीय कार्यालय
कमरा नं. 655, प्रकाशन विभाग, सूचना भवन,
सी.जी.ओ. काम्प्लेक्स, लोधी रोड,
नई दिल्ली-110 003
ई-मेल : kuru.hindi@gmail.com

वेबसाइट : publicationsdivision.nic.in

@publicationsdivision

@DPD_India

@dpd_India

कुरुक्षेत्र सदस्यता शुल्क
पत्रिका ऑनलाइन खरीदने के लिए bharatkash.gov.
in/product पर तथा ई-पुस्तकों के लिए Google play,
Kobo या Amazon पर लॉग-इन करें।
वार्षिक साधारण डाक: ₹ 230
ट्रेकिंग सुविधा के साथ: ₹ 434

कुरुक्षेत्र की सदस्यता की जानकारी लेने, एजेंसी संबंधी
सूचना तथा विज्ञापन छपवाने के लिए संपर्क करें-

अभिषेक चतुर्वेदी, संपादक, पत्रिका एकांश
प्रकाशन विभाग, कमरा सं. 779, सातवां तल,
सूचना भवन, सीजीओ परिसर,
लोधी रोड, नयी दिल्ली-110003

नोट: सदस्यता शुल्क जमा करने के बाद पत्रिका प्राप्त
होने में कम से कम 8 सप्ताह का समय लगता है।

पत्रिका न मिलने की शिकायत हेतु ई-मेल :
pdjucir@gmail.com या दूरभाष: 011-24367453
पर संपर्क करें।



कुरुक्षेत्र में प्रकाशित लेखों में व्यक्त विचार
लेखकों के अपने हैं। यह आवश्यक नहीं कि सरकारी
दृष्टिकोण भी वही हो। पाठकों से आग्रह है कि
कॉरिसर मार्गदर्शक किताबों/संस्थानों के बारे में
विज्ञापनों में किए गए दावों की जांच कर लें।
पत्रिका में प्रकाशित विज्ञापनों की विषय-वस्तु के
लिए 'कुरुक्षेत्र' उत्तरदायी नहीं है।

फरवरी 2023

नवीकरणीय संसाधनों से सतत विकास 5
-अविनाश मिश्रा, अरुणलाल के.

भारत में अक्षय ऊर्जा 11
-परमेश्वर लाल पोद्दार

अक्षय ऊर्जा से पर्यावरण संरक्षण 16
-रितेश जोशी, कंचन पुरी और तनुजा पुरी

अक्षय ऊर्जा के बढ़ते कदम 20
-निमेष कपूर

राष्ट्रीय ग्रीन हाइड्रोजन मिशन 26

अक्षय संसाधनों से साकार होगा लाइफ मिशन 29
-अनुभव मिश्रा

अक्षय ऊर्जा से बदलता ग्रामीण महिलाओं का जीवन 35
-मौसमी कबिराज और प्राची सिंघल

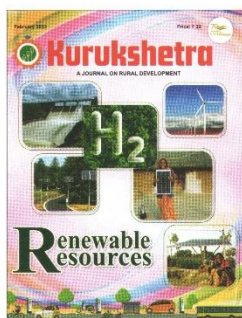
अक्षय संसाधनों के बारे में जन जागरूकता 41
-देवव्रत सामंत, नितिशा निगम

सौर ऊर्जा: मानव जाति का भविष्य 46
-श्रवण शुक्ल



प्रकाशन विभाग के विक्रय केंद्र

नई दिल्ली	पुस्तक दीर्घा, सूचना भवन, सीजीओ कॉम्प्लेक्स, लोधी रोड	110003	011-24367260
दिल्ली	हाल सं. 196, पुराना सचिवालय	110054	011-23890205
नवी मुंबई	701, सी-विंग, सातवीं मंजिल, केंद्रीय सदन, बेलापुर	400614	022-27570686
कोलकाता	8, एस.प्लानेड ईस्ट	700069	033-22488030
चेन्नई	'ए' विंग, राजाजी भवन, बसंत नगर	600090	044-24917673
तिरुअनंतपुरम	प्रेस रोड, नई गवर्नमेंट प्रेस के निकट	695001	0471-2330650
हैदराबाद	कमरा सं. 204, दूसरा तल, सीजीओ टावर, कवादिगुडा सिकंदराबाद	500080	040-27535383
बैंगलुरु	फर्स्ट फ्लोर, 'एफ' विंग, केंद्रीय सदर, कोरामंगला	560034	080-25537244
पटना	बिहार राज्य कोऑपरेटिव बैंक भवन, अशोक राजपथ	800004	0612-2683407
लखनऊ	हॉल सं-1, दूसरा तल, केंद्रीय भवन, क्षेत्र-ए, अलीगंज	226024	0522-2325455
अहमदाबाद	4-सी, नैच्युन टॉवर, चौथी मंजिल, एचपी पेट्रोल पंप के निकट, नेहरू ब्रिज कार्पर, आश्रम रोड, अहमदाबाद	380009	079-26588669



CHIEF EDITOR
Rakeshrenu

EDITOR
Shiela Chaudhary
Pankhuri Awasthi

JOINT DIRECTOR (PRODUCTION)
D.K.C. Hrudhainath

COVER DESIGN
Rajender Kumar

EDITORIAL OFFICE

Room No. 653,
Publications Division,
Soochna Bhawan, C.G.O. Complex,
Lodhi Road, New Delhi-110003
Phone : 011-24362859
Email : kurukshetrajournal@gmail.com

For Subscription Enquiries,
Grievances, Renewals and Agency
Information, Please Contact:

Journals Unit
Publications Division, Room No. 779,
Soochna Bhawan, C.G.O. Complex,
Lodhi Road, New Delhi-110 003
(Monday-Friday, 9:30 AM-6:00 PM)
Phone : 24367453 FAX: 24365610
Email : pdjucir@gmail.com
Website : publicationsdivision.nic.in

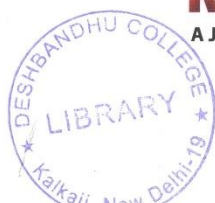
Facebook: @publicationsdivision
Twitter: @DPD_India
Instagram: @dpd_india

For Online Sale, please log on to
bharatkosh.gov.in/product, and for
e-books, please visit Google Play,
Kobo or Amazon.

Subscription*:
Inland
1 Year : ₹ 230

Abroad (Air Mail)
One Year
₹ 530 (SAARC Countries)
₹ 730 (Other Countries)

* Revised from April 2016
Issue Onwards



Kurukshetra

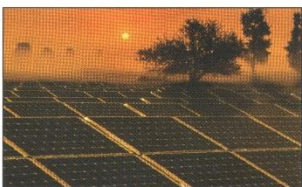
A Journal on Rural Development


Vol. 71 No. 4 Pages 52


February 2023


CONTENTS


- **Sustainable Development through Renewable Resources**
Avinash Mishra
Arunlal K. 5



- **Public Awareness About Renewable Energy Sources**
Debabrata Samanta
Nitish Nigam 28


- **Transition to Clean Energy**
Irtif Lone 34
- **Powering Growth in Agriculture Sector**
Dr. Jagdeep Saxena 12


- **Renewable Energy Transforming Rural Women**
Mousumi Kabiraj
Prachi Singhal 39


- **Decarbonisation of Transport Sector**
Randheer Singh 18


- **India: A Green Hydrogen Global Hub**
Rajiv Theodore 45


- **Mitigating Environmental Issues**
Ritesh Joshi
Kanchan Puri
Tanuja Puri 24

Sales Emporia: • **Delhi** - BM (I/c), Publications Division, CGO Complex, Soochna Bhawan, Lodhi Road, New Delhi-110003 (011-24365609); Hall No. 196, Old Secretariat, Delhi 110054 (011-23890205) • **Kolkata** - BM (I/c), Publications Division, 8, Esplanade East, Kolkata-700069 (033-22482576) • **Mumbai** - BM (I/c), Publications Division, 701, C-Wing, 7th Floor, Kendriya Sadan, Belapur, Navi Mumbai-400614 (022-27570686) • **Chennai** - BM (I/c), Publications Division, 'A' Wing, Rajaji Bhawan, Besant Nagar, Chennai - 600090 (044-24917673) • **Thiruvananthapuram** - BM, Publications Division, Press Road, Near Govt. Press, Thiruvananthapuram - 6950001 (0471-2330650) • **Hyderabad** - BM, Publications Division, Room No. 204, 2nd Floor, C.G.O. Towers, Kavadiyada, Hyderabad-500080 (040-2535383) • **Bengaluru** - BM (I/c), Sales Unit, Floor, 'F' Wing, Kendriya Sadan, Koramangala, Bengaluru - 560034 (080-25537244) • **Patna** - BM, Publications Division, Bihar State Co-operative, Bank Building, Ashoka Rajpath, Patna-800004 (0612-2675823) • **Lucknow** - BM, Publications Division, Hall No. 1, 2nd Floor, Kendriya Bhawan, sector - H, Aliganj, Lucknow - 226024 (0522-2325455) • **Ahmedabad** - Sales Unit, Publications Division, 4-C, Neptune Tower, 4th Floor, Nr HP Petrol Pump, Nehru Bridge Corner, Ashram Road, Ahmedabad Gujarat -380009 (079-26588669) • **Guwahati** - Publications Division, Assam Khadi and Village Industries Board, Ground Floor, MRD Road, Chandmari, Guwahati - 781003 (0361-2668237/2664613)

Kurukshetra seeks to carry the message of Rural Development to all people. It serves as a forum for free, frank and serious discussion on the problems of Rural Development with special focus on Rural Uplift.

The views expressed by the authors in the articles are their own. They do not necessarily reflect the views of the Government or the organisations they work for.

The readers are requested to verify the claims in the advertisements regarding career guidance books/institutions. Kurukshetra does not own responsibility. Maps used are for illustration & study purpose and may not strictly conform to the official map. Images, graphics and illustrations, wherever used, are mostly sourced from government channels and are indicative in nature. Final Editing rights will vest with Kurukshetra Team.

762

MENTAL HEALTH LANDSCAPE

a symposium on

psychosocial disability

symposium participants

- 10 **THE PROBLEM**
Posed by **Roma Bhagat**, Advocate, Delhi, and **Seema Baquer**, Independent Consultant, disability issues, Delhi
- 14 **MY INVISIBLE EXISTENCE**
Shampa Sengupta, Founder, Sruti Disability Rights Centre and Joint Secretary, National Platform for the Rights of the Disabled, Kolkata
- 16 **FROM PATIENT TO PRACTITIONER**
Ganesh Anantharaman, Practitioner of Lacanian Psychoanalysis, Chennai
- 19 **LET'S TALK ABOUT RECOVERY**
Prateeksha Sharma, Bright Side Family Counseling Centre, Delhi-Faridabad
- 23 **CARER PERSPECTIVE**
Deepika Nair and **Vijay Rajkumar**, Development professionals
- 27 **ROLE OF INSTITUTIONAL CARE IN PSYCHIATRY**
Krishna Prasad Muliya, Additional Professor, Department of Psychiatry, NIMHANS, Bengaluru, and **Pratima Murthy**, Director and Senior Professor of Psychiatry, NIMHANS, Bengaluru
- 32 **FINANCING OF MENTAL HEALTH IN INDIA**
Rachana Parikh, Senior Programme Officer, PATH, Delhi; and **Indranil**, Health Economist and Professor, O.P. Jindal Global University, Sonapat
- 36 **A CONTINUING DEPRIVATION OF THE LAW**
Amita Dhanda, Head, Centre for Disability Studies and Centre for Legal Philosophy and Justice Education, NALSAR University of Law, Hyderabad
- 40 **THE DESTITUTE MENTALLY ILL**
M. Manohar, Founder and President, INSED, Sangareddy
- 42 **LAW ENFORCEMENT AND MENTAL HEALTH**
Kanwaljit Deol, IPS, Retd. Director General of Police; and National Human Rights Commission, Delhi
- 45 **OUT OF SIGHT, OUT OF MIND!**
Madhurima Dhanuka, Programme Head, Prison Reforms Programme, Commonwealth Human Rights Initiative India, Kolkata
- 49 **THE INVISIBLE WOUND**
Arvinder Singh, Founder and Director, Ashoka Centre for Well-Being, Ashoka University, Sonapat
- 52 **MENTAL HEALTH IN CONFLICT**
Mahnoor Yar Khan, Drama Therapist, Hyderabad
- 55 **COMMUNITY BASED REHABILITATION**
Abdul Mabood, Founder and Director, Snehi, Delhi
- 58 **THE NEXT GENERATION**
Pallavi Baraya, Health and Education Consultant, Delhi
- 63 **BOOKS**
Reviewed by **Chandrashekhar Dasgupta**, **Shivshankar Menon** and **Kathryn Hardy**
- COVER



प्रधान संपादक : राकेशशेणु
 वरिष्ठ संपादक : कुलश्रेष्ठ कमल
 संपादक : डॉ ममता रानी

संपादकीय कार्यालय

648, सूचना भवन, सीजीओ परिसर,
 लोदी रोड, नयी दिल्ली-110 003

संयुक्त निदेशक (उत्पादन) : डीकेसी हृदयनाथ
 आवरण : बिन्दु वर्मा

योजना का लक्ष्य देश के आर्थिक विकास से सम्बन्धित मुद्दों का सरकारी नीतियों के व्यापक संदर्भ में गहराई से विश्लेषण कर इन पर विमर्श के लिए एक जीवंत मंच उपलब्ध कराना है।

योजना में प्रकाशित लेखों में व्यक्त विचार लेखकों के अपने और व्यक्तिगत हैं। ज़रूरी नहीं कि ये लेखक भारत सरकार के जिन मंत्रालयों, विभागों अथवा संगठनों से संबद्ध हैं, उनका भी यही दृष्टिकोण हो।

योजना में प्रकाशित विज्ञापनों की विषयवस्तु के लिए योजना उत्तरदायी नहीं है।

योजना में प्रकाशित आलेखों में प्रयुक्त मानचित्र व प्रतीक आधिकारिक नहीं हैं, बल्कि सांकेतिक हैं। ये मानचित्र या प्रतीक किसी भी देश का आधिकारिक प्रतिनिधित्व नहीं करते हैं।

योजना लेखकों द्वारा आलेखों के साथ अपने विश्वसनीय स्रोतों से एकत्र कर उपलब्ध कराए गए आंकड़ों/तालिकाओं/इन्फोग्राफिक्स के सम्बन्ध में उत्तरदायी नहीं है। योजना किसी भी लेख में केस स्टडी के रूप में प्रस्तुत किसी भी ब्रांड या निजी संस्थाओं का समर्थन या प्रचार नहीं करती है।

योजना घर मंगाने, शुल्क में छूट के साथ दरों व प्लान की विस्तृत जानकारी के लिए पृष्ठ-54 पर देखें।

योजना की सदस्यता का शुल्क जमा करने के बाद पत्रिका प्राप्त होने में कम से कम 8 सप्ताह का समय लगता है। इस अवधि के समाप्त होने के बाद ही योजना प्राप्त न होने की शिकायत करें।

योजना न मिलने की शिकायत या पुराने अंक मंगाने के लिए नीचे दिए गए ई-मेल पर लिखें -

pdcjucir@gmail.com

या संपर्क करें-

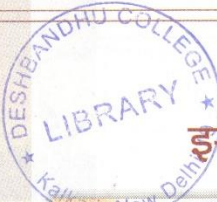
दूरभाष : 011-24367453

(सोमवार से शुक्रवार सभी कार्य दिवस पर
 प्रातः 9:30 बजे से शाम 6:00 बजे तक)

योजना की सदस्यता की जानकारी लेने तथा विज्ञापन छपवाने के लिए संपर्क करें-

अभिषेक चतुर्वेदी, संपादक, पत्रिका एकांश
 प्रकाशन विभाग, कमरा सं. 779, सातवां तल,
 सूचना भवन, सीजीओ परिसर, लोदी रोड,
 नयी दिल्ली-110003

@DPD_India
 @publicationsdivision
 @dpd_india



इस अंक में

प्रमुख आलेख

नए भारत के लिए पहल
 अनुराग सिंह ठाकुर.....7



विशेष आलेख

हमारी युवा शक्ति के
 सामर्थ्य का विकास
 भरत लाल.....11

फिट इंडिया: स्वस्थ भविष्य की ओर
 राशि शर्मा, पूरबी पटनायक17



नियमित स्तंभ

जी-20 अध्यक्षता : 'ऑनलाइन सुरक्षित रहें' अभियान और 'जी-20 डीआईए'
 का शुभारंभ.....48

विकास पथ.....55

आगामी अंक : केन्द्रीय बजट



प्रकाशन विभाग के देश भर में स्थित विक्रय केन्द्रों की सूची के लिए देखें पृ.सं. 24

हिंदी, असमिया, बांग्ला, अंग्रेज़ी, गुजराती, कन्नड़, मलयालम, तमिल, तेलुगु, मराठी, ओडिया, पंजाबी तथा उर्दू में एक साथ प्रकाशित।

युवा एवं खेल



फोकस

युवा और स्वास्थ्य
 डॉ चंद्रकांत लहरिया,
 डॉ रोडनी वाज़.....21



युवाओं के लिये मददगार पहलकदमियां
 हेमांग जानी.....25

युवाशक्ति और पर्यावरण
 अविनाश मिश्र, मधुवंती दत्ता.....29

फुटबॉल की दुनिया
 शिवेन्द्र चतुर्वेदी.....33

डिजिटल अर्थव्यवस्था का नया स्वरूप
 बालेंदु शर्मा दाधीच.....37

भारत के युवा सितारे.....41

जानकारी और संवाद का प्रभावी मंच
 आकाश त्रिपाठी.....46

मिसाल बनते विभिन्न राज्यों के
 स्पोर्ट्स आयकन

संजय श्रीवास्तव.....49



CHIEF EDITOR
RAKESHRENU

EDITOR
PANKHURI AWASTHI
SHUCHITA CHATURVEDI

OUR REPRESENTATIVES

Ahmedabad: Sumanben A Machhar, Bengaluru: BK Kiranmai, Bhubaneswar: Itishree Singh Rathaur, Chennai: Sanjay Ghosh, Guwahati: Maruf Alam, Hyderabad: Krishna Vandana P, Jalandhar: Gagandeep Kaur Devgan, Kolkata: Khurshid Mallick, Mumbai: Umesh Ujgare: Thiruvananthapuram: Roy Chacko.

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, career-guidance 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 at least eight weeks to start your subscription. Kindly raise your queries/grievances about non receipt of the journals only after this period.

SUBSCRIPTION-RELATED DETAILS : Page 53

Website: www.publicationsdivision.nic.in

@DPD_india | @YojanaJournal

@publicationsdivision

@dpd_india

Let noble thoughts come to us from all sides.
Rig Veda

IN THIS ISSUE

LEAD ARTICLE

INITIATIVES FOR NEW INDIA

Anurag Singh Thakur.....7



FOCUS ARTICLE

YOUTH & HEALTH

Dr Chandrakant Lahariya,
Dr Rodney Vaz.....22



SPECIAL ARTICLES

NURTURING EXCELLENCE OF OUR YUVA SHAKTI

Bharat Lal11

FIT INDIA: TOWARDS A HEALTHY FUTURE

Rashi Sharma, Purabi Pattanayak17



ENABLERS FOR EMPLOYMENT

Hemang Jani 27

YOUTH FOR ENVIRONMENT SUSTAINABILITY

Avinash Mishra,
Madhubanti Dutta 30

WORLD OF FOOTBALL

Shivendra Chaturvedi 34

SHAPING DIGITAL ECONOMY

Balendu Sharma Dadhich 38

YOUTH ICONS OF INDIA (TECHNOLOGY, SPACETECH & SPORTS) 43

LEADING INDIA TOWARDS TECHADE

Akash Tripathi..... 47



REGULARS

G20 – Launch of 'Stay Safe Online' Campaign and 'G20 Digital Innovation Alliance' 50
DEVELOPMENT ROADMAP Cover-III

UPCOMING ISSUE: UNION BUDGET



Number of pages: 56

Details of the Sales Outlets of the Publications Division on Page 14

YOJANA is published in Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu, and Urdu.



Prepared and Compiled by

**Dr. Shalender Singh Chauhan
Librarian**

and

Ms. Mahima Pandey