



सत्यमेव जयते

## नीति आयोग NITI AAYOG



**DOCPLAN- NOVEMBER 2023**

**Compiled By:**

**Mr. Kumar Sanjay, Director (Library)**

**Mrs. Indira Rani, ALIO**

**NITI AAYOG**

**LIBRARY**

## CONTENTS

<b>AGRICULTURE</b>	<b>1</b>
<b>ECONOMICS</b>	<b>2</b>
<b>EDUCATION</b>	<b>3-6</b>
<b>ENERGY</b>	<b>7-8</b>
<b>FINANCE/BANKING</b>	<b>9</b>
<b>HEALTH</b>	<b>10-11</b>
<b>INDUSTRY</b>	<b>12</b>
<b>POLICY</b>	<b>13-14</b>
<b>RURAL DEVELOPMENT</b>	<b>15</b>

## **AGRICULTURE**

1. Venkatesh Athreya

[M S Swaminathan - An Outstanding Contributor to India's Agriculture and Rural Development](#)

EPW: Vol. 58, Issue No. 45-46, 11 Nov, 2023

M S Swaminathan contributed not only to agriculture and rural development in India but also helped other developing countries through his leadership of the International Rice Research Institute and many other international bodies devoted to research and practical application of advances in agricultural sciences with the primary objective of eliminating hunger and ensuring universal food and nutrition security.

## **ECONOMICS**

2. Atul Bagai and Manisha Choudhary

Designing a circular economy world

Yojana: November 2023

The High –Level Principles on Lifestyles for Sustainable Development, adopted by the G20 during India's Presidency, reflect the need for commitments to promote sustainable consumption and production. The time is now for collective actions to reduce the global material footprint while meeting basic needs for all. In doing so, it is imperative to create enabling conditions to spark the shift to circular and green economic growth, while catering to different developmental needs and national circumstances.

## **EDUCATION**

3. Sima Saigal

[Historical Thinking Skills - Why It Matters in School Education](#)

EPW: Vol. 58, Issue No. 44, 04 Nov, 2023

The rhetoric over “which history” should be taught to school students has always been a contentious issue. The debates generated in the process are understandable and imperative, as what young students learn about their past has a direct bearing on how they view their own identity, cultural heritage and nationality.

Governments across the world have therefore sought to influence their school history curricula, with the prime objective of shaping or reshaping notions of the countries' national identity. In the context of the Indian classrooms, what is baffling is the inability to tread a fine balance between what students should know about the past to how they should know.

4. Sudhanshu Bhushan

[The Political Economy of Curricula in Higher Education Institutions](#)

EPW: Vol. 58, Issue No. 47, 25 Nov, 2023

Three years of the implementation of the National Education Policy 2020 have witnessed several regulations and guidelines by the University Grants Commission regarding changes in the curriculum. It is important to examine the implications of these curricular changes. It is noted that the curriculum, instead of evolving through scientific inquiry, is influenced by the ideology of the state and the market.

5. Christine Mulhern

[Beyond Teachers: Estimating Individual School Counselors' Effects on Educational Attainment](#)

American Economic Review: Vol. 113 No. 11 November 2023

Counselors are a common school resource for students navigating complicated and consequential education choices. I estimate counselors' causal effects using quasi-random assignment policies in Massachusetts. Counselors vary substantially in their effectiveness at increasing high school graduation and college attendance, selectivity, and persistence. Counselor effects on educational attainment are similar in magnitude to teacher effects, but they flow through improved information and assistance more than cognitive or noncognitive skill development. Counselor effectiveness is most important for low-income and low-achieving students, so improving access to effective counseling may be a promising way to increase educational attainment and close socioeconomic gaps in education.

6. Leah K. Lakdawala, Eduardo Nakasone and Kevin Kho  
[Dynamic Impacts of School-Based Internet Access on Student Learning: Evidence from Peruvian Public Primary Schools](#)  
American Economic Journal: Economic Policy: Vol. 15 No. 4 November 2023

We investigate the impacts of school-based internet access on second graders' test scores, using over 2 million student observations from a panel of Peruvian public primary schools. We identify effects up to 6+ years after installation on different cohorts of second-grade students, exploiting variation in the timing of internet access induced by the rollout of a national program. We find positive but modest short-run impacts, but importantly, these effects grow for subsequent cohorts. Indeed, short-run estimates alone would have led to different conclusions. These dynamics underscore the value of extended evaluation windows to allow benefits of educational technology to materialize.

## **ENERGY**

7. Natalia Fabra and Imelda  
[Market Power and Price Exposure: Learning from Changes in Renewable Energy Regulation](#)  
American Economic Journal: Economic Policy: Vol. 15 No. 4 November 2023

Given the critical role of renewable energies in current and future electricity markets, it is important to understand how they affect firms' pricing incentives. We study whether the price-depressing effect of renewables depends on their degree of market price exposure. Paying renewables with fixed prices, rather than market-based prices, is more effective at curbing market power when the dominant firms own large shares of renewables, and vice versa. Our empirical analysis leverages several short-lived changes to renewables regulation in the Spanish market and shows that switching from full-price exposure to fixed prices caused a 2–4 percent reduction in the average price-cost markup.

8. Bhupinder Singh Bhalla  
Energy Transition in India  
Yojana: November 2023

India's journey from conventional to renewable sources of electricity generation marks a monumental step towards a sustainable energy future. The Government's unwavering commitment to ambitious renewable energy targets, coupled with innovative policies and incentives, has set the stage for a greener energy landscape.

## **FINANCE/BANKING**

9. Justine George, Akhil Menon, Nithin Thomas

[From Fiscal Crisis to the Creation of Off-budget and Contingent Liabilities in Kerala - Concerns and Implications](#)

EPW: Vol. 58, Issue No. 44, 04 Nov, 2023

Kerala has become one of the most indebted states in India in recent years and faces severe debt sustainability issues. While Kerala has faced various levels of fiscal crisis since the 1980s, the nature of the crisis has undergone significant transformation in the last two decades, which can be attributed to the changing nature of fiscal federalism in India.

## **HEALTH**

10. Michael D. Frakes, Jonathan Gruber and Timothy Justicz

[Public and Private Options in Practice: The Military Health System](#)

American Economic Journal: Economic Policy: Vol. 15 No. 4 November 2023

Recent debates over health care reform, including in the context of the Military Health System (MHS) and Veterans Administration, highlight the dispute between public and private provision of health care services. Using novel data on childbirth claims from the MHS and drawing on the combination of plausibly exogenous patient moves and heterogeneity across bases in the availability of base hospitals, we identify the impact of receiving obstetrical care on versus off military bases. We find evidence that off-base care is associated with slightly greater resource intensity, but also notably better outcomes, suggesting marginal efficiency gains from care privatization.

11. Santosh Jain Passi and Shipra Gupta  
Developing talent in healthcare  
Kurukshetra: November 2023

The ensure continued progress, appropriate measures need to be taken to develop and promote talent among the masses, particularly our rural counterparts; and to hone talent, people need to practise their skills. The Ministry of Skill Development and Entrepreneurship, in collaboration with various ministries/organisations, has undertaken the initiative of training and skilling the masses in healthcare and allied sectors to bridge the gap between demand and supply of skilled manpower.

## **INDUSTRY**

12. Sunil Mani  
[Innovation Performance of India's Computer Software Services and Pharmaceutical Manufacturing Industries](#)  
EPW: Vol. 58, Issue No. 47, 25 Nov, 2023

While pharmaceutical and computer software industries have achieved considerable international acclaim, their growth performance so far has been primarily thought of as driven by labour arbitrage than by innovation efforts. This is especially so in the case of the software industry, where replication rather than innovation has been identified as the cause for its fast export growth. The number of innovations in both industries is rising, contributed chiefly by domestic firms in the former and foreign firms in the latter.

## **POLICY**

13. Régis Barnichon and Geert Mesters  
[A Sufficient Statistics Approach for Macro Policy](#)  
American Economic Review: Vol. 113 No. 11 November 2023

The evaluation of macroeconomic policy decisions has traditionally relied on the formulation of a specific economic model. In this work, we show that two statistics are sufficient to detect, often even correct, nonoptimal policies, i.e., policies that do not minimize the loss function. The two sufficient statistics are (i)

forecasts for the policy objectives conditional on the policy choice and (ii) the impulse responses of the policy objectives to policy shocks. Both statistics can be estimated without relying on a specific structural economic model. We illustrate the method by studying US monetary policy decisions.

14. Surender Singh, Ram Singh

[National Medical Devices Policy, 2023 - Inconsistences and Dilemmas](#)

EPW: Vol. 58, Issue No. 45-46, 11 Nov, 2023

The union government introduced the National Medical Devices Policy, 2023 to augment the capacity, capabilities and competence of the domestic medical devices manufacturing industry. However, the policy has many lacunae and missing links, which could undermine the aims to foster a strong domestic medical devices manufacturing. There is a need for reform, in line with the existing policy initiatives and to constitute a separate law and regulatory body for the industry. The policy needs to enhance the accessibility by changing the existing procurement system for the public health sector. It further needs to scale up domestic manufacturing capabilities, through production-linked incentives, to ensure affordable medical devices for all citizens.

## **RURAL DEVELOPMENT**

15. Purabi Pattanayak

Integrating technology into Rural Education and Capacity Building of Teachers

Kurukshetra: November 2023

The process of creating true change across rural India's diverse education landscape is one that requires a multipronged approach to ensure comprehensive and sustainable development. The future of the educational system is determined by a holistic approach, the empowerment of teachers, and digital infrastructure for bringing about transformative reforms. This article highlights all such initiatives that have been undertaken to nurture well-rounded individuals through the integration of technology.