

**Delhi School of Economics
University of Delhi**

Course: EC 602, Public Economics II, MA Economics – Semester IV

Lecture Title: AI, Digitalisation, and Public Economics (Lecture 1)

Guest Lecturer: Deepak Mishra

Email: dmishra@icrier.res.in

Lecture 1

General Reading List

- World Bank (2016). *Digital Development*. World Development Report. Overview and Chapter 3, Washington DC.
<https://www.worldbank.org/en/publication/wdr2016>
- OECD (2025). *Governing with Artificial Intelligence: The State of Play and Way Forward in Core Government Functions*. OECD. Paris.
<https://doi.org/10.1787/795de142-en>.
- Erik Brynjolfsson, Alex Pentland, Nathaniel Persily, and Condoleezza Rice (2025). *The Digitalist Papers: Artificial Intelligence and Democracy in America*. Stanford Digital Economy Lab. California.
<https://www.digitalistpapers.com/volume1>

Specific Reading List

vTaiwan Case Study

Hsiao, Lin, Tang, Narayanan and Sarahe (2018)

<file:///C:/Users/Deepak%20Mishra/Downloads/vtaiwan-empirical-study.pdf>

Moats and Tseng (2024)

<https://www.tandfonline.com/doi/epdf/10.1080/1369118X.2023.2230286?needAccess=true>

Brazil's Sao Paulo Case Study

Sousa, Silva, Machado and Vaz (2025)

<https://arxiv.org/pdf/2509.16724>

World Development Report (2016)

<https://www.worldbank.org/en/publication/wdr2016>

China Case Study

Rogier Creemers

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3175792

Kostka, Genia (2019)

<https://journals.sagepub.com/doi/epub/10.1177/1461444819826402>

Lecture 2: Reading List (topic-wise)

Aadhaar Case Studies

- Karthik Muralidharan, Paul Niehaus and Sandip Sukhtankar. 2021. Identity Verification Standards in Welfare Programs: Experimental Evidence from India. NBER Working Paper #26744
https://www.nber.org/system/files/working_papers/w26744/w26744.pdf
- Karthik Muralidharan, Paul Niehaus and Sandip Sukhtankar. 2016. Building State Capacity: Evidence from Biometric Smartcards in India. American Economic Review. vol. 106, no. 10, October 2016 (<https://www.aeaweb.org/articles?id=10.1257%2Faeer.20141346&utm>)

State of India's Digital Economy (SIDE)

- Deepak Mishra, Mansi Kedia, Aarti Reddy, Cledwyn Fernandez, Sanjana Shukla, Krithika Ramnath, and Sruthi Vanguri. 2025. Estimation and Measurement of India's Digital Economy. Ministry of Electronics and Information Technology (Meity).
<https://www.meity.gov.in/static/uploads/2025/01/5ff397f9e8152d5562ed4cef1a6b767b.pdf>
- Deepak Mishra, Mansi Kedia, Aarti Reddy, Krithika Ramnath and Sruthi Vanguri. 2025. *State of India's Digital Economy*. Indian Council of Research on International Economic Relations
https://icrier.org/pdf/State_of_India_Digital_Economy_Report_2025.pdf
- Deepak Mishra, Aarti Reddy, Shailly Gupta, and Jiya Bharti. 2025. *State of India's Digital Economy: A Subnational Perspective*, ICRIER.
https://icrier.org/pdf/ISIDE_A-Subnational-Perspective_2025.pdf

AI and Jobs

- Erik Brynjolfsson, Danielle Li, Lindsey Raymond. 2025. Generative AI at Work. The Quarterly Journal of Economics, Volume 140, Issue 2, May 2025, Pages 889–942,
<https://doi.org/10.1093/qje/qjae044>
- Deepak Mishra, Mansi Kedia, Aarti Reddy, Cledwyn Fernandez, and Agrima Khanduri. 2026. AI and Jobs: This Time is No Different. Indian Council for Research on International Economic Relations (<https://icrier.org/pdf/AI-and-Jobs.pdf>)

Digital Public Infrastructure (DPI)-- optional

- World Bank. 2025. Digital Public Infrastructure and Development: A World Bank Group Approach.
<https://documents1.worldbank.org/curated/en/099031025172027713/pdf/P505739-84c5073b-9d40-4b83-a211-98b2263e87dd.pdf>
- David Eaves, Diane Coyle, Beatriz Vasconcellos, and Sumedha Deshmukh. 2025. The Economics of Shared Digital Infrastructures
<https://www.ucl.ac.uk/bartlett/publications/2025/mar/economics-shared-digital-infrastructures>
- David Eaves, Mansi Kedia. 2025. Exploring Different Financing Models for Digital Public Infrastructure and Why They Matter
<https://www.global-solutions-initiative.org/publication/exploring-different-financing-models-for-digital-public-infrastructure-and-why-they-matter/>
- Amitabh Kant and Nandan Nilekani. 2024. *Report of India's G20 Task Force on Digital Public Infrastructure*. Government of India
<https://www.pib.gov.in/Pressreleaseshare.aspx?PRID=2033389®=3&lang=2>