Department of Economics,
Delhi School of Economics
University of Delhi

Minutes of Meeting

Subject	:	B.A (Hons.) Generic Elective Economics, Semester III/V/VII
Course	:	Digitalization and Development (GE-09) - ECON - 063
Date	:	8th August, 2023 at 3.30 p.m.
Venue	:	Department of Economics
Chair	:	Prof. Dibyendu Maiti

A meeting of the teachers was held and it was decided to constitute a sub-committee to recommend the topic-wise reading list:

1. Prof Ankur Bhatnagar
2. Dr Apoorva Gupta
3. Aakansha Aggarwal

Outline of Syllabus:

- UNIT I: Digital development - India and the World (09 hours)
- UNIT II: The transformation of management practices; work and employment; social net-works, trust and social capital in the digital economy; cultural and motivational aspects (12 hours)
- UNIT III: Unit ICTs, Digital Divide and the political economy of inequality (12 hours)
- UNIT IV: Access to ICT and poverty and wellbeing, work-life balance (12 hours)

References

- Unit 1:
    - Maiti, D., Castellacci, F., & Melchior, A. (2020). *Digitalisation and development: Issues for India and beyond* (pp. 3-29). Springer Singapore, Ch-1, till Page 18, available at: Digitalisation and Development: Issues for India and Beyond | SpringerLink
    - Goldfarb, A., & Tucker, C. (2019). Digital economics. *Journal of Economic Literature*, 57(1), 3-43, available at: Digital Economics (jstor.org)

- pib.gov.in/PressReleaseIframePage.aspx?PRID=1565669#:~:text=The Digital India program%2C launched in July 2015%2C,opportunity to further scale up its digital economy. GoI Report

- Unit 2 and 4:
  - Report: *The impact of Digital technologies on Human wellbeing: Evidence from the sciences of mind and brain*, by Paul Howard-Jones, available at: Howard-Jones-2011-impact-digital-technologies-on-wellbeing-copy1.pdf (thechildrensmediafoundation.org)
  - Singh, N. (2015). Information technology and its role in India's economic development: A review. *Development in India: Micro and Macro Perspectives*, 283-312, available at: Information technology and its role in India's economic development: A review (econstor.eu)
  - Digital India
- Unit 3:
  - ICTs and Effectiveness of Governance: A Cross-Country Study Anubha Agarwal and Dibyendu Maiti, Only pages: 321-332, 339-341, In Maiti, D., Castellacci, F., & Melchior, A. (2020). *Digitalisation and development: Issues for India and beyond*. Springer Singapore, available at: Digitalisation and Development: Issues for India and Beyond | SpringerLink
  - Report: Digital India: India Inequality Report 2022, Oxfam India, available at: Digital Divide_India Inequality Report 2022_PRINT with cropmarks.pdf (d1ns4ht6ytuzzo.cloudfront.net)

The maximum marks for the final exam question paper is 90 marks.

Internal Assessment: 30 marks - 6 marks for attendance and 24 marks can be allotted across 2 (12 marks each) topic wise test/assignments.

Continuous Assessment: 40 marks- 5 marks attendance and 35 for CA, which can take the form of group or individual work on projects/ presentations/synopsis that deal with the topics in the paper.

Guidelines for Paper examiners:
The students may be asked to answer 5 questions of 18 marks each, out of a total of 8 questions. Students get an open choice to attempt any 5 questions out of 8.
Each question may have 2 parts of 6 marks and 12 marks or a single question of 18 marks. .

Suggested Readings*:

- Cowgill, B. and Tucker, Catherine E. (2019), "Economics, Fairness and Algorithmic Bias." In preparation for The Journal of Economic Perspectives
- Heymann, E., & KK, M. S. (2017). Digital economics: How AI and robotics are changing our work and our lives. *Deutsche Bank Research*.
- Maiti, D., & Awasthi, A. (2020). ICT exposure and the level of wellbeing and progress: a cross country analysis. *Social Indicators Research*, *147*(1), 311-330 (Mathematical equations can be ignored) (375-383)
- Greenstein, S (2020) The Economics of Internet Infrastructure
- Hilbert, M. R. (2001). *From industrial economics to digital economics: an introduction to the transition*. ECLAC. (Only few initial pages, Ch-1)
- Economics of Information Technology Hal R. Varian, till Ch 5
- Ihm, J., & Hsieh, Y. P. (2015). The implications of information and communication technology use for the social well-being of older adults. *Information, Communication & Society*, *18*(10), 1123-1138.
- Agrawal, A., Gans, J. S., & Goldfarb, A. (2019). Artificial intelligence: the ambiguous labor market impact of automating prediction. *Journal of Economic Perspectives*, *33*(2), 31-50, available at: Artificial Intelligence (jstor.org)
  *For teachers only