

# SHYAMA PRASAD MUKHERJEE COLLEGE

## DEPARTMENT OF ECONOMICS

### TEACHING PLAN

**Course and Year:** Indian Economy/AUGUST-DECEMBER 2022

**SEMESTAR-5<sup>TH</sup>**

**Taught individually /shared:** Individually By Mr AMULYA KUMAR SAHOO

**Paper:** B.A (HONS)-CBCS

**Faculty:** Economics

**No of Lecture (per week):**5

#### Teaching Plan

**Name of the Unit:** Economic Development since Independence

**Unit I: Economic Development since Independence**

a. Major features of the Economy at Independence

B. Growth and Development under different policy regimes Goals, constraints, institution and Policy framework

c. Assessment of Performances Sustainability and regional contrasts\

d. Structural changes

E. Savings and Investments

**Readings:**

1. Pulapre Balakrishnan, 2007, "The Recovery of India: Economic Growth in the Nehru Era", Economic and Political Weekly, November.
2. Vijay Joshi, 2016, India's Long Road: The Search for Prosperity, Allen Lane, Gurgaon, Ch .
3. Rakesh Mohan, 2019, Moving India to a new Growth Trajectory: Need for a Comprehensive Big Push, Brookings India, Section 1 and 2, 9-30.

4 Jagdish Bhagwati and Arvind Panagariya, 2012, *India's Tryst with Destiny*, Collins Business, Noida, pp. 4-5, 32-38.

5. Jean Dreze and Amartya Sen, 2013, *India: An Uncertain Glory*, Allen Lane, chapters 2, 3 (pp. 72-80 only)

**, No. of classes required to complete the unit (approx.): 15-18 Lectures  
FINISHED BY SECOND WEEK OF SEPTEMBER 2021**

**Name of the Unit: Population a**

**Unit 2: Human Capital: Demography, health and education**

**and Economic Development**

a. Demographic trends and issues

b. Education

c. Health and Malnutrition

Readings:

1. James, K.S., & Srinivas Goli, 2016, "Demographic Changes in India: Is the Country Prepared for the Challenge?" *Brown Journal of World Affairs*, Fall/Winter 2016, Volume XXIII, Issue I.
2. Desai, S., 2015, "Demographic deposit, dividend and debt", *The Indian Journal of Labour Economics*, 58, 217-232.
3. Vijay Joshi, 2016, *India's Long Road: The Search for Prosperity*, Allen Lane, Gurgaon, Ch 9.
4. Meenakshi, J. V., 2016, "Trends and patterns in the triple burden of malnutrition in India", *Agricultural Economics*, 47(S1), 115-134.

**No. of classes required to complete the unit (approx.): 10-12 Lectures**

**FINISHED BY SECOND WEEK OF OCTOBER 2021**

**Unit 3: Growth and Distribution: Poverty, inequality, unemployment and policy interventions**

1. Executive Summary, 2014, *Report of the Expert Group to Review the Methodology for Measurement of Poverty* (Rangarajan Committee report), GOI, 1-5
2. Himanshu, H., 2019, 'Inequality in India: A review of levels and trends' *UNU-WIDER Working Paper* 2019/42

3. Thomas, J. J. (2020). 'Labour Market Changes in India, 2005–18', *Economic & Political Weekly*, 55(34), 57
4. Drèze, J and Khera, R., 2016, 'Recent Social Security Initiatives in India' Available at <http://dx.doi.org/10.2139/ssrn.2800699>

**No. of classes required to complete the unit (approx.):** 10-12 Lectures

END BY FIRST WEEK OF NOVEMBER 2021

#### **UNIT 4: International Comparisons**

##### **Readings:**

1. Jean Dreze and Amartya Sen, 2013, India: An Uncertain Glory, Allen Lane, Chapter 3 (pp. 45-72)
2. Pranab Bardhan, 2010, Awakening Giants, Feet of Clay: Assessing the Economic Rise of China and India, OUP, Ch. 2.

**No. of classes required to complete the unit (approx.):** 8-10 Lectures  
Second week of November

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**No of classes required to complete the unit (approx.):**

1. Unit I: No of Classes (Approx 7-10 )
2. Unit II: No of Classes (Approx 10-15)
3. Unit III : No of Classes (Approx 10-15)
4. Unit IV : No of classes (Approx 7-10)

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**Sub topics to be covered and their order along with the respective time frames (if any)**

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NO

### Methodology of Teaching:

- Classroom teachings.
- Regular notes are given through group email and internal assessment submitted through on line.
- Student email group to undertake collective study and solve questions.

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CRITERIA OF ASSESSMENT: Class test, Writing term paper and presentation.

### **INTERNAL ASSESSMENT**

Tentative date of assessments/ assignments (time frame): Tentative date of assessments/ assignments (time frame):

**FIRST INTERNAL ON LAST WEEK OF SEPTEMBER**

**SECOND INTERNAL ON THIRD WEEK OF OCTOBER**

**THIRD INTERNAL ON FIRST WEEK OF OCTOBER**

### Criteria of Assessment:

**OUT OF THREE INTERNAL THE BEST TWO BE INCLUDED WHICH IS DIVEDED INTO 10 + 10=20(5 MARK FOR ATTENDENANCE)**

Additional reading/tools

Discussing last previous question papers with respect to unit wise for better understanding of the conepts

Referring the current trends of current Indian economy by various examples basically impact of covid-19

- Ahluwalia, M. S., 2019, "India's economic reforms: Achievements and Next Steps", *Asian Economic Policy Review*, 14(1), 46-62.
- K Basu and A Maertens, 2007, "The pattern and causes of economic growth in India.
- Muralidharan, K, 2019, "Reforming the Indian School Education System" in *What the Economy Needs Now*, (ed.) Abhijit Banerjee, Gita Gopinath, Raghuram Rajan, and Mihir Sharma, Juggernaut.
- The paradox of declining female work participation in an era of economic growth.' *The Indian Journal of Labour Economics*,

I have adhered to the above mentioned teaching plan and have completed the course on time.

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# SHYAMA PRASAD MUKHERJEE COLLEGE

## DEPARTMENT OF ECONOMICS

### TEACHING PLAN

***Course and Year:*** Skill Enhancement Course (SEC) II: DATA ANALYSIS/AUGUST-DECEMBER

***2022SEMESTAR-***

***5<sup>TH</sup>***

***Taught individually : Individually By Mr AMULYA KUMAR SAHOOPaper:***

***B.A (P)-CBCS***

***Faculty: Economics***

***No of Lecture (per week):4***

#### Teaching Plan

**Name of the Unit: 1.**

Introduction to available software and how it deals with data Levine et al. Chapter 1 Sections 1.1-1.3; Appendix B: B.1 to B.5. Tattar et. al. Chapter 1, Sections 1.1,1.2 (Page 1-5). Gardener: Chapter 1 (pp. 1 – 9); Chapter 2 (except “Viewing Name Objects”)

**No. of classes required to complete the unit (approx.):** 6-8 Lectures

**FINISHED LAST WEEK OF AUGUST2020**

**Name of the Unit: 2.**

Data cleaning: checking for outliers, cleaning variable names, consistency checks Suggestion: Also include data organisation: categorical and numerical Levine et. al. Chapter 1, Section 1.4 onwards; Chapter 2, Sections 2.1-2.2. Tattar et. al. Chapter 1, Sections 1.4,1.5 and 1.6 (Page 6-10). Abedin & Das: Chapter 1 (pp. 7 – 13, Variables, categorical and Numerical), Gardener: Chapter 3 (pp. 82 – 85, Names) Tattar: Chapter 14 (only section 14.3.2, for outlier) van der Loo and Jonge: (pp. 1-8) [for Consistency Checks, data validation]

**No. of classes required to complete the unit (approx.): 15-20 Lectures**

### **UNIT III:**

Data visualisation: scatter plots, line graphs, box plots and other graphical formats Levine et. al. Chapter 2, Section 2.3 to 2.5. Tattar et. al. Chapter 2 (page 15-18, 29-31, 41-46). Gardener: Chapter 7 (pp 215 – 239; Box plots, Scatter plots, Pair Plots (optional), Line chart, Pie chart), (pp. 245 – 256; Bar Chart)

**No. of classes required to complete the unit (approx.): 10-12 Lectures**

#### **Unit-4 Probability & Probability Distribution (10 lectures)**

Introduction to probability theory. Notions of random experiment, sample space, event, probability of an event. Conditional probability. Independence of events.

P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.

H.R. Speegel, L.J. Stephens & N. Kumar (4th Edition), Schaum Series

#### **Unit- 5 Estimation of population parameters from sample data. Unbiased estimators for population mean and variance. (15 lectures)**

Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.

P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.

H.R. Speegel, L.J. Stephens & N. Kumar (4th Edition), Schaum Series

#### **Unit -6 Basics of index numbers: price and quantity index numbers. (05 lectures)**

P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.

H.R. Speegel, L.J. Stephens & N. Kumar (4th Edition), Schaum Series

END BY LAST WEEK OF NOVEMBER

**Readings:1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).**

- Test 1 Scheduled in second week of October

**Criteria of Assessment:** The students are assessed on comprehension and clarity of concepts based on learning and application.



Additional reading /tools and utility

1. Practicing past year papers for better understanding the concepts abot the subject.
2. Sending pdf and ppt of the units finished
3. Sharing you tube channels link for learn the methodology .
4. Using of excels for enhancing skills
5. Referring the P.h.karmel and M.Polasek(1978),Applied statistics for Economists,4<sup>th</sup> edition book for understanding the concepts

I have adhered to the above mentioned teaching plan and have completed the course on time.

Amulya Kumar Sahoo

Teacher name

AMULYA KUMAR SAHOO