



UNIVERSITY OF CALCUTTA

Notification No. CSR/36/19

It is notified for information of all concerned that the Syndicate in its meeting held on 08.08.2019 (vide Item No.27) confirmed by the Syndicate 27.08.2019 (Item No.01), approved some amendment in the paper "Data Analysis (ECO-A-SEC-3-1A-TH) as mentioned in the Syllabus of semester-III for Economics (Honours) under CBCS , vide previous University notification No.CSR/12/18 dt. 04.6.2018 under this University, as laid down in the accompanying pamphlet.

The above shall be effective from the Semester-3 Examination, 2019 & onwards.

SENATE HOUSE

KOLKATA-700 073

The 20th September, 2019.

A handwritten signature in black ink, appearing to read 'D Das'.

Prof.(Dr.) Debasis Das

Registrar (Acting)

royal.
20.9.19

Skill Enhancement Course I: ECO-A-SEC-3-1A-TH

Data Analysis

Total Marks: 100 [Theory(Th) 80 + Internal Assessment 10+Attendance: 10]

Total Credits: 2,

No. of Lecture hours: 30

[For Semester III]

Unit 1: Collection and representation of data	12 lecture hours
1.1 Collection of data (some methodological issues)	(4 lecture hours)
1.1.1 Census	
1.1.2 Sample survey	
1.2 Representation of data – Illustration with NSS Reports	(2 lecture hours)
1.3 The basics of data management in Stata / R / Eviews / SPSS / MS Excel	(6 lecture hours)
Unit 2: Indian Official Statistics (Basic concepts)	18 lecture hours
1. Central Statistical Office (CSO) – National Accounts Statistics (NAS)	(6 lecture hours)
2. National Sample Survey Office (NSSO) – Household Consumer Expenditure Survey Rounds, Employment and Unemployment Survey Rounds	(6 lecture hours)
3. Census of India – Population Census 2011	(4 lecture hours)
4. Reserve Bank of India (RBI) – Handbook of Statistics on Indian Economy (Selected parts: WPI, CPI) Concepts of price index, Measuring inflation.	(2 lecture hours)

Suggested Readings:

1. Goon, A. M, Gupta, M. K, and Dasgupta, B. *Fundamentals of Statistics (Volume One)*, The World Press Private Ltd
2. C.S.O. (2012), *National Accounts Statistics-Sources and Methods, 2012*,
Chapter 1: Historical Perspectives – Different series from the beginning
Chapter 2: Basic concepts - Domestic Product, National Income, Domestic Product at Factor Cost / Market Prices, Expenditure (Categories of expenditure), Production, Current versus Constant Prices
Chapter 5: Sequence of Accounts in 2008 System of National Accounts- An overview
Chapter 6: Regional Accounts

3. C.S.O. (2015), Changes in the new series of national accounts, BY 2011-12
Section 2: New series of national accounts - Guiding Principles for the New Series
4. Sample Design and Estimation Procedure of NSS 68th Round
5. Sample Registration System (SRS) in India - Chapter 1- Introduction, Chapter 2 - Population Composition
6. R.B.I. (2018), Handbook of Statistics on Indian Economy