

Discipline Specific Elective (DSE) Course 1d: Official and National Development Statistics

Course Title & Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Prerequisite of the course (if any)
		Lecture (45 Hours)	Tutorial (15 Hours)	Practical (00 Hours)		
DSE 1d: Official and National Development Statistics	4	3	1	0	NIL	NIL

Course Objectives:

- To provide the important information on Indian Official Statistical System.

Course Learning Outcomes: After successful completion of this course, student will be able to:

- Learn about the role and function of National and State Statistical Organizations.
- Knowing important sectors of Indian official statistics system (National and State) with their important regular publications.
- Understanding important data collection mechanism in different sectors.
- Finding important reasons for non-response while collecting Official Statistics.
- Learning concepts of National Accounts with the release.
- Finding statistics related to industries, foreign trade, balance of payment, cost of living, inflation, educational and other social statistics.
- Knowing socio-economic indicators, gender awareness/statistics, important surveys, and censuses pertaining to official statistics.

Unit I (11 Hours)

An overview of national and international statistical systems. National Statistical Organization: Vision and Mission, Central Statistical Office (CSO), National Sample Survey Office (NSSO); roles and responsibilities; important publications. Indian State statistical organizations: Important role, function and activities. Organization of large-scale sample surveys.

Unit II (12 Hours)

National Statistical Commission: Need, constitution, its role, functions, etc.; Legal acts/provisions/support for Official Statistics. Data collection & compilation mechanism, processing, analysis and dissemination systems, agencies involved. Population growth in developed and developing countries, evaluation and performance of family welfare programmes.

Unit III (10 Hours)

Scope and content of population census of India, method of data collection. Sector wise statistics: Agriculture, Environment and Forestry, Health, Education, Women, and Child, etc. Important surveys & censuses, indicators, agencies, and usages, etc.

Unit IV (12 Hours)

National Accounts: Definition, basic concepts, issues, the strategy, collection of data and release. System of collection of agricultural and forestry statistics, crop forecasting and estimation, productivity, fragmentation of holdings, support prices. Statistics related to industries, foreign trade, balance of payment, cost of living, inflation, educational and other social statistics. Socio-Economic Indicators, Gender Awareness/Statistics.

Tutorial:

Tutorial sessions will include at least one activity such as group discussion/presentation/problem solving exercise based on the material covered in the lectures along with scholastic work related to the conceptual understanding of the subject.

Essential Readings:

1. Ministry of Statistics and Programme Implementation (MoSPI). Statistical System in India. Government of India.
2. Saluja, M.R. (2017). *Measuring India. The Nation's Statistics System*, OUP Catalogue, Oxford University Press.

Suggested Readings:

1. Directorate General of Commercial Intelligence and Statistics (DGCIS). Monthly Statistics of the Foreign Trade of India. Calcutta: DGCIS.
2. Forest Survey of India (2023). India State of Forest Report. Dehradun: Forest Survey of India.
3. Ministry of Agriculture and Farmer's Welfare, Government of India. Pocket Book of Agricultural Statistics.
4. Panse, V.G. (1954). *Estimation of Crop Yields. Food and Agricultural Organization*.
5. Reserve Bank of India. Handbook of Statistics on the Indian Economy. Mumbai: Reserve Bank of India
6. UNESCO. Principles and recommendations for population and housing censuses. Revision 3. New York: United Nations.