

**Name of the Programme: M. A. Economics**

**Course Code: ECO 601      Title of Course: Data Sources for the Indian Economy**

**Number of Credits: 4**

**Effective from AY: 2022-23**

<b><u>Prerequisites for the course:</u></b>	Graduate in any discipline	
<b><u>Objective:</u></b>	To learn the different sources of data available in the public domain both in India and globally. This will cover different domains of data requirements for economics research. Students would learn the extent and limitations of different data sources.	<b>Contact Hours per module</b>
<b><u>Content:</u></b>	<b>Module 1:</b>  <b>Macroeconomic Data Source</b>  Sources of the Government of India – Ministry of Finance, Reserve Bank of India, Niti Ayog Sources of Multilateral agencies – World Bank, International Financial Statistics, United Nations Private Sources – CMIE, EPWRF	<b>15</b>
	<b>Module 2:</b>  <b>Microeconomic Data Sources</b> (including Demography, Labour, Agriculture and Industry)  Sources of the Government of India – National Sample Organisation (NSSO data), Ministries of GoI, Census of India, Annual Survey of Industries, NFHS Sources of Multilateral agencies – Living Standards Private Sources – CMIE, IHDS, NCAER, IIPS, EPWRF	<b>15</b>

	<p><b>Module 3:</b></p> <p><b>International Trade Data Sources</b></p> <p>Sources of the Government of India – Government of India (DGCIS, Ministry of Commerce, RBI)</p> <p>Sources of Multilateral agencies – United Nations (COMTRADE, WITS, UNCTAD, UNEP), World Bank (WDI), IMF (DOTS), WTO</p> <p>Private Sources – CMIE, EPWRF, WTC, GTAP, CEIC</p> <p><b>Module 4:</b></p> <p><b>Public Finance, and natural resources</b></p> <p>Sources of the Government of India – Finance Commission reports, Budget of the government of India and state governments, MOSPI, MOEFCC, RBI, DPSE</p> <p>Sources of Multilateral agencies – IBRD, UNEP, IPCC</p> <p>Private Sources – CMIE, EPWRF</p>	<p>15</p> <p>15</p>
<b><u>Pedagogy:</u></b>	<ul style="list-style-type: none"> <li>● Chalk and talk aided by ICT enabled lectures</li> <li>● PC lab exercises</li> <li>● Assignments and presentations</li> <li>● Group activity</li> <li>● MOOC (or similar) Component</li> </ul>	
<b><u>References Readings</u></b>	<p><b>Core Reading</b></p> <p>C1. Handbook of Statistics on Indian Economy, Reserve Bank of India (various years)</p> <p>C2. Economic Survey, Ministry of Finance, Government of India (various years)</p> <p>C3. Handbook of Statistics on Indian States, Reserve Bank of India (various years)</p> <p>C4. Report on Currency and Finance, Reserve Bank of India (various years)</p> <p><b>Additional References</b></p> <p>A1. NSSO (2001) Concepts and Definitions Used in NSS, National Sample Survey Organisation, Ministry of Statistics &amp; Programme Implementation, Government of India,  <a href="https://mospi.gov.in/documents/213904/0/concepts_go">https://mospi.gov.in/documents/213904/0/concepts_go</a></p>	

	<p><a href="https://www.econstor.eu/handle/10419/129020">Iden.pdf/e98fc072-8660-edd9-f179-ce95674f4ca5?t=1615539414160</a></p> <p>A2. Egger, Peter and Wolfmayr, Yvonne (2014) What Economists Should Know About International Goods Trade Data, WIFO Working Papers No. 475, Austrian Institute of Economic Research (WIFO), Vienna, <a href="https://www.econstor.eu/handle/10419/129020">https://www.econstor.eu/handle/10419/129020</a></p> <p>A3. Donaldson, Dave and Adam Storeygard (2014) The View from Above: Applications of Satellite Data in Economics, <i>Journal Of Economic Perspectives</i>, 30(4)(pp. 171-98)</p> <p>A4. Auffhammer, Maximilian, Solomon M. Hsiangy, Wolfram Schlenker and Adam Sobelz (2013) Using Weather Data and Climate Model Output in Economic Analyses of Climate Change, <i>Review of Environmental Economics and Policy</i>, 7(2), 2013, (pp. 181–198)</p> <p>A5. World Bank (2021) World Development Report 2021 : Data for Better Lives. Washington, DC: World Bank. <a href="https://openknowledge.worldbank.org/handle/10986/35218">https://openknowledge.worldbank.org/handle/10986/35218</a></p> <p>A6. Human Development Report, UNDP (various years)</p> <p>A7. World Trade Statistical Review, WTO (various years)</p>	
<b><u>Learning Outcomes</u></b>	Students will know how to access data from open-domain data sources and help them undertake empirical research in a fruitful manner.	