

# International Summer School Manipal University Jaipur [ISSMUJ]-2023

[Hybrid Mode]

## Course/Project Overview

**Name of Course/Project.....Earthonomics**

Name of instructor: Dr. Shilpi Gupta & Dr. Thakur Dev Pandey

Session: June-July 2023

Language of instruction: English

Number of contact hours: 36

Credit awarded: 03

### Objective of Course/Project

After completion of this course'

- Student will discover that economists are too optimistic about the reliability of their data but also that economist in the past have been too pessimistic about the development of the world economy.
- Students will be able to shed light on economic debates about the role of government.
- Students will be able to build a model of the Earth economy and use that model to analyze the Great Recession of 2008.
- This course it enables students to analyse sustainability of economic processes and to understand how productivity is key for economic development.
- Students will discover why Earth Economics is important for monitoring and understanding Sustainable Development Goals from a truly global perspective
- Students will also better understand the behavior and advice of economists, become a better economist and know where to find Earth's data and how to analyse these world observations.

### Syllabus

**Introduction:** basic micro economics & macroeconomic tools and concepts and insights in highly relevant problems and recent developments in planet production, growth and governance; **Accounting for fluctuations in the Earth economy:** concept of Gross Planet Product (GPP), changes in the economic condition, business cycles and world's unemployment rate; **Investment and Saving:** equilibrium concept and relate (in)stability to comparative statics and scenario analysis policy relevant questions such as (over)population, global warming and hyperinflation. investment, saving and consumption and relate these concepts to the development of the Earth economy; **Government and the Earth Economy:** government spending and taxation, government expenditures and receipts, issue is the development of public debt, money and its functions in the Earth Economy; Money and Earth

Economic Equilibrium: money market, role and impact of monetary policy, the liquidity trap, ISLM model, role of government; **Long Run Challenges:** sustainability of economic processes, economic growth and economic development, Sustainable Development Goals

### Organization of course

Total contact hrs 36		
1st week:	10 hrs (classes)	2 hrs (self-study/project)
2nd week:	10 hrs (classes)	2 hrs (Mid term exam/assessment/discussion)
3rd week:	10 hrs (classes)	2 hrs (End term exam)

**Mode of lectures:** online lecture/online videos/case study/ discussion/ workshop/ hands-on

### Course/Project Plan

Lecture no.	Topic	Lecture mode	Instructor
L: 1-6	Introduction	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey
L: 7-12	Accounting for fluctuations in the Earth economy	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey
L: 13-18	Investment and Saving	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey
L: 19-24	Government and the Earth Economy	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey
L: 25-30	Money and Earth Economic Equilibrium	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey
L: 31-36	Long Run Challenges	Online lecture/online videos/ Discussion	Dr. Shilpi Gupta & Dr. Thakur Dev Pandey

### **Brief profile of the instructor**

**Dr. Shilpi Gupta, Ph. D, MBA (Finance)**  
Associate Professor

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