



SECOND SEMESTER 2020-21

COURSE HANDOUT

Date: 17.01.2021

In addition to part I (General Handout for all courses appended to the Time table), this portion gives further specific details regarding the course.

COURSE NO. : **ECON F244**
COURSE TITLE : **ECONOMICS OF GROWTH AND DEVELOPMENT**
INSTRUCTOR-IN-CHARGE : **DR. RAHUL ARORA**

1. Course Description

Economic growth and Economic development: Meaning of growth and development and their importance; **Economic Growth:** Theories versus Models of economic growth; Concepts and Methods of growth theory; Exogenous Growth Models - The Harrod–Domar model, Neoclassical models of growth: One sector and Two sector; Technical Progress: representation, classification, measurement, transmission, and its endogenous form; **Economic Development:** Theories of Economic Development; Problems and Policies related to – Poverty & Inequality, Population growth, and Environment; Globalization: International Trade, Institutions, and economic development

2. Scope and Objective of the Course

The main objective is to understand the actual meaning of economic growth and economic development. This would be done by studying various models of economic growth, theories of economic development, and their relevance & applications. The knowledge of theories and models would help the students to better understand the entire economic system and its growth over time. The application part will be covered by the ‘project component’ which includes empirical testing of various hypotheses related to growth and development. This would help the students to better understand the current issues in economic development and growth. Overall, this course would lay foundation for the students to understand the real issues in economic development.

3. Text Book

TB1 – Jones, Hywel G., *An Introduction to Modern Theories of Economic Growth*, McGraw-Hill, Republished in 1976.

TB2 – Ray, Debraj, *Development Economics*, Oxford University Press, New Delhi, 17th impression, 2010.



4. Reference Books

- **R1** – Todaro, M.P. and Smith, S.C., *Economic Development*, 12th Edition, 4th impression, 2019.
- **R2** – Thirlwall, A.P., *Economics of Development*, Palgrave Macmillan, 9th Edition, Reprinted in 2018.
- **R3** – Gupta, K.R., *Economic Growth Models*, Atlantic Publishers, 2014.

5. Course Plan

Module	Lecture/Tutorial	Reference Text	Learning outcome
1. Economic growth and Economic development: An Introduction	L1.1: Course Introduction and Initial discussion	Course Introductory PPT	Understanding of course contents and their significance
2. Concepts related to Economic Growth Models	L2.1: Economic growth: Theories, Models, & Reality L2.2: Concepts & Methods of Growth Theory Tutorial 1: Practice of concepts used in growth theory	Chapter 1 & 2 (TB1) & Class notes	Knowledge of preliminary concepts related to growth models
3. Exogenous growth models	L3.1-2: The Harrod Model of economic growth L3.3: The Domar Model of economic growth Tutorial 2: Practice questions on HD model and Project Assignment topics distribution L3.4-6: Neoclassical one sector model of growth L3.7-9: Neoclassical two sector model of growth Tutorial 3: Statistical Software and Database Usage for project assignment	Chapter 3 – 5 (TB1) and Class notes	Understanding of exogenous growth models and growth processes
4. Technical Progress	L4.1-2: Representation and classification L4.3: Technical Progress in growth models L4.4: Measurement of technical progress L4.5-6: Transmission of technical progress and endogenous form of technical progress	Chapter 7, 8, & 9 (TB1) and Class notes	Knowledge of concepts related to technical progress and their usage in growth models



BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, Pilani
Pilani Campus
AUGS/ AGSR Division

	Tutorial – 4 and 5: Empirics related to growth models		
5. Theories of Economic Development	L5.1: Rostow Stages of Economic Growth and HD Model L5.2-3: Theories of structural changes Tutorial 6: Discussion on factors affecting economic development	Chapter 3 – 4 (R1) and Class notes	Understanding of classical theories of economic development
6. Poverty, Inequality and development	L6.1: Measurement of inequality L6.2: Poverty measurement L6.3: Indices for measuring other parameters of development Tutorial 7: Empirical exercise	Chapter 5 (R1) and Class notes	Knowledge on major issues in economic development and related policies
7. Population growth and development	L7.1-2: Theories and issues related to development Tutorial 8: Empirical exercise	Chapter 6 (R1) and Class notes	
8. Environment and development	L8.1-2: Theories and issues related to development	Chapter 10 (R1) and Class notes	
9. Globalization: International Trade, Institutions and economic development	L9.1: Trade and Development L9.2: International Institutions & Development Tutorial 9: Technical details related to international trade	Chapter 11 & 12 (R1) and Class notes	
10. Group Presentations (Group of 4 students)	L10.1-7: Two to three presentations per lecture/tutorial Tutorial 10 & 11: Presentations	Group Research work	Estimation of economic models/theories

6. Evaluation Scheme

Component	Duration In Minutes	Weightage	Max. Marks	Date & Time	Nature of Component
Quiz-1	30	10 %	20	11 th Feb 2021	Online Evaluation (Open Book)
Mid-Semester Examination	90	35 %	70	March 2021	
Quiz-2	30	10 %	20	1 st April 2021	
Project [Report + Presentation]	--	10 % [5 + 5]	20 [10 + 10]	9 th April Onwards	
Comprehensive Examination	120	35 %	70	5 th May 2021	

* Dates are tentative and subject to change as per the circumstances. Any change will be communicated well in advance.



BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, Pilani
Pilani Campus
AUGS/ AGSR Division

7. Consultation Hour:

Students can approach me any time via email (rahul.arora@pilani.bits-pilani.ac.in). Their queries will be answered through email/online meeting/phone call as per the level of the query.

8. Notices

For course related announcements, please check your email regularly. All the information will also be communicated during the class.

9. Make-up Policy

Make-up for the Mid-Sem and Comprehensive examinations shall be granted only in genuine cases after thorough examination of the application. Only those requests would be entertained for thorough examination who have applied *prior or within the day of exam* with valid reason. Please do not make any request after the application period is over. Those requests would not be entertained. The conduct of make-up (platform of taking make-up, type of questions, and time of make-up) is to be decided by the Instructor-In-Charge only. Student has no right to interfere in this policy. **Also, no make-up request shall be considered for the Quizzes.**

10. Note

Evaluative components will be conducted during scheduled hours as specified. Changes, if any, will be communicated well in advance. Please quote your ID number and name before requesting anything related to the course. The arrangement of internet facility and required gadgets is on the students to access the live classes and class material.

Instructor-in-charge
ECON F244