UNIVERSITY OF DELHI
DEPARTMENT OF ECONOMICS
UNIVERSITY OF DELHI

Subject:	B.A.(H) ECONOMICS DSC
Sem.:	II
Course & Code:	Intermediate Mathematical Methods for Economics ECON005
Credit:	4
Duration (per week):	4 hours (3 lectures + 1 tutorials)
Date & Time	23/01/2024 at 10:30 AM
Venue:	Amex, Department of Economics, Delhi University
Convenor:	Sugata Bag

College Teachers attended:

Sl. No.	Teachers Name	College
1	Ankur Jain	Ramjas College
2	Nidhi Gupta	SRC College
3	Sneha Bhardwaj	Deshbandhu Collected
4	Pratishtha Chaturvedi	Indraprastha College for Women
5	Bhavna Seth	Dyal Singh College
6	Priyambada Gupta	Shyam Lal College
7	Dr Harpreet Kaur	SGGBS College of Commerce
8	Deepanshi Rajput	Janki Devi Memorial College
9	Indranil Chowdhury	PGDAV College
10	Niti khandelwal Garg	Kirori Mal College
11	Anjali Gupta	Kalindi College
12	Ankur Jain	Ramjas College
13	Gita Golani	SPM College
14	Niti Bhutani	Hindu College
15	Deepanshu Yadav	SBS College
16	Sandeep Kanyal	ARSD College
17	Sonakshi Jain	Sri Venkateswara College
18	Anita	Lakshmibai College
19	Nidhi Pande Aggarwal	DCAC
20	Sanjeev Grewal	St Stephens College
21	Ranjan Swarnkar	ARSD College
22	Rupali Sharma	
23	Menka Singh	
24	Abhish Singh	

The attendees engaged in a discussion over two specific elements of the course: the extent of material covered and the format of the final term test paper. There was a discussion on bringing uniformity in the final term examination papers of Mathematical Economics across different semesters. The forum acknowledged that the scope is extensive and it is impractical to cover all the subsections of various mandated chapters in the primary textbook. The forum also

deliberated on a series of topics that are not contributing substantially to the course but are using a considerable amount of the limited classroom time. The following decisions were made:

1. Establish a sub-committee to conduct a comprehensive review of the syllabus and compile a list of topics that can be excluded.
2. Volunteers were invited for this sub-committee.
3. Sub-committee was formed, comprising the following members -

Anjali Bansal	Kalindi College
Anita Chauhan	Lakshmibai College
Niti Khandelwal Garg	Kirori Mal College
Sneha Bhardwaj	Deshbandhu College
Dipanshu	Shaheed Bhagat Singh College

4. After the sub-committee presents its recommendations, a subsequent meeting will take place on January 30, 2024.
5. The sub-committee convened via Google Meet on January 29, 2024 at 4 PM
6. Notice for the follow-up meeting was circulated immediately after that.

The follow-up second meeting took place on January 30, 2024. All the college teachers, who attended previously, joined again over Google Meet at 7:30 PM.

1. The recommendation put forth by the subcommittee was presented.
2. The sub-sections/results that the subcommittee recommended be eliminated were deliberated upon.
3. The subsequent recommendations were finally endorsed: –

A. The following sections/results were deemed irrelevant and or inadequately treated in the book (Sysaeter and Hammond, 2002) and hence will **be deleted** from the syllabus for students:

- Section 13.3 (Determinants of order *n*)
- Proof of Theorem 13.3 (Rules for Determinants), though the statement of the theorem should be retained.
- Proof of Formula 13.19 (Cofactor expansion of determinants of order n).
- Example. 15.27 (Linear Regression).
- Sections 16.6 and 16.7 on Leibniz's Formula
- Section 16.10 (Implicit Function Theorem).
- The Continuous version of Jensen's inequality (Pg. 643-44).
- Section 14.6 (Spectral Theorem)

B. The final term examination paper may consist of three sections, and each section will comprise questions with varying degrees of difficulty. The following scheme can be adopted:

- Section A: 40 marks (4 questions out of 6 carrying 10 marks each).
- Section B: 30 marks (3 questions out of 4 carrying 10 marks each).
- Section C: 20 marks (2 questions out of 3 carrying 10 marks each).

C. The book titled, "Linear Algebra and its Applications" (4^{th} edition, 2012) by David Lay may be continued with as a reference for teachers and not for students for the current academic session.