

Work Plan (Even Semester 2025-26)

Teacher Name- Phunchok Dolker

Paper name: Basic Econometrics ECON024

Class type: B.A. (Prog.) with Economics as Major (Sem-IV)

Paper shared with: NA

Unit to be taken	Month wise schedule to be followed	Tests/Assignments/ Revision/Presentations etc
UNIT I: Regression Models (15 hours) OLS estimators, hypothesis Testing using software and practical application; multiple Regression Model - estimation, Testing and practical application using software like GRETL/EViews/ R/Stata/EXCEL etc. * Studenmund Ch1, 2, 4, 5	Jan (1st week) - feb(2nd week)	a. Internal Assessment (IA): 30 Marks <ul style="list-style-type: none">• Three class test, one for each unit(12 marks each), (Best of 2 would be considered)• 1st test - 26th feb• 2nd test - last week of March• 3rd test - last week of April• 6 marks for attendance
UNIT II: Qualitative variables and Estimation (15 hours) Application of qualitative variables, Nonlinear Models, Applications of dummy variables * Studenmund Ch-7 (till 7.3) , Gujarati & Porter- Ch-6 (till 6.5)	Feb (3rd week) - (4th week) march	b. Continuous Assessment (CA): 40 Marks <ul style="list-style-type: none">• Presentation and Viva- 20 marks• Solutions note book - 15 Marks• 5 marks for tutorial attendance -Revision and preparation Break -30th April

<p>UNIT III: Issues with Classical Assumptions (15 hours) Violation of normal distribution, Collinearity with independent variables, heteroscedasticity, autocorrelation, practical application * Gujarati & Porter- Ch3 (Pg78-79) for Jarque Bera Test for Normality of residuals * Studenmund Chapter 8, 9 (pg 273-289, only Durbin-Watson test to be done),10 (pg 306-321, only White's Test to be done)</p>	<p>(1 week) April - (4th Week) April</p>	
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Books used:

- Essential Readings

A.H. Studenmund, Using Econometrics: A Practical Guide,7th Edition , Pearson, 2017

D. N. Gujarati and D.C. Porter, Essentials of Econometrics, 4th Edition, McGraw Hill

International Edition, 2010.