FACULTY OF ECONOMICS & BUSINESS

SYLLABUS

FOR

INTERDISCIPLINARY COURSE IN ECONOMICS (PG)
(UNDER CREDIT BASED EVALUATION AND GRADING SYSTEM)

EXAMINATIONS: 2019-20

GURU NANAK DEV UNIVERSITY
AMRITSAR

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**SCHEME OF COURSES:**

**INTERDISCIPLINARY COURSE FOR PG LEVEL**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Title</th>
<th>Credits</th>
<th>Mid Sem. Marks</th>
<th>End Sem. Marks</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOL051</td>
<td>Economic Analysis (Odd Semester)</td>
<td>4-0-0</td>
<td>20</td>
<td>80</td>
<td>100</td>
</tr>
<tr>
<td>EOL052</td>
<td>Indian Economic Issues and Policies (Even Semester)</td>
<td>4-0-0</td>
<td>20</td>
<td>80</td>
<td>100</td>
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<tr>
<td>EOL053</td>
<td>Applied General Statistics (Even Semester)</td>
<td>4-0-0</td>
<td>20</td>
<td>60</td>
<td>100</td>
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INTERDISCIPLINARY COURSE IN ECONOMICS (PG)
(UNDER CREDIT BASED EVALUATION AND GRADING SYSTEM)

(ODD SEMESTER)

EOL051 : ECONOMIC ANALYSIS

Time: 3 Hrs.                                                                                                             Credits: 4–0–0
Total Marks: 100                                                                                                         Mid Semester Marks: 20
Mid Semester Examination: 20% weightage                                                                                   End Semester Marks 80
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

SECTION A
Demand analysis: meaning, determinants and law of demand. Supply : meaning, determinants and law of supply. Market price determination.
Production function: short period and long period. Cost function: short period and long period. Price determination under different market forms (Perfect competition and Monopoly).

SECTION B
National Income : Concept and measures. Different measures of national income.
Psychological law of consumption; Investment : Meaning and forms; Inflation : Meaning and causes.
Inflation-Unemployment trade-off (Phillips Curve).

SECTION C
Economic Development: meaning and measurement (PQLI, HDI); Growth, Poverty and Income distribution relationship; Theory of social dualism, models of dualistic economies – Lewis and Todaro’s Model.

SECTION D
The Pure Theory of International Trade: The theory of comparative advantage and Heckscher Ohlin model and its empirical testing.
The theory and practice of Commercial Policy: Secular deterioration in terms of trade of developing countries; Tariff and non-tariff developing barriers to trade. Bilateralism and multilaterism.
References:
2. Edwin Mansfield (Ed.) : Microeconomics (Selected Reading) 2nd Edition
   International Thomson Publishing Company, CIncinnati, Ohio, USA, 1998 (Ch. - 11,13)
   London, I 999(Ch. 8,9,11,12,14)
10. Griffin,K.B. and Enos, J.L.: Planning Development
EOL052 : INDIAN ECONOMIC ISSUES AND POLICIES

Time: 3 Hrs. Credits: 4–0–0
Total Marks: 100
Mid Semester Marks: 20
End Semester Marks 80

Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

SECTION A
International Trade : Foreign Trade, foreign investment and foreign exchange reserves.
Banking sector: Banking sector reforms and its performance during liberalization period. RBI – Recent monetary and credit policy.

SECTION B
Industrial Development in India: Recent national manufacturing policy; Industrial sickness in India : Problems and policy; Industrial competitiveness and role of competition policy; Recent policies on micro, small and medium enterprises; Recent industrial infrastructure development policy in India.

SECTION C
Agricultural Issues : Role of agriculture in Indian economic development; Mechanisation of Indian agriculture; Green revolution in India; Problems of small farmers in India.

SECTION D
Rural credit and indebtedness of farmers.
Major Taxes and Burden of Taxation in India; Public Expenditure in India : Trends and Issues; India’s Fiscal Policy.

References:
INTERDISCIPLINARY COURSE IN ECONOMICS (PG)
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(EVEN SEMESTER)

EOL053 : APPLIED GENERAL STATISTICS

Time: 3 Hrs.                                               Credits: 4–0–0
Total Marks: 100
Mid Semester Marks: 20
End Semester Marks 80

Mid Semester Examination: 20% weightage
End Semester Examination: 80% weightage

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

SECTION A
Type of data; Meaning and methods of computing different measures of central tendency, dispersion, skewness and kurtosis; meaning and distinction between correlation and regression analysis; Methods of computing Pearson’s product moment and Spearman’s rank correlation coefficients; estimation of simple regression equation.

SECTION B
Classical definition of probability, concept of conditional probability and laws of probability (without proof; with simple examples); Concept of a random variable and its probability distribution; Characteristic features of bionomial, Poisson, exponential and normal distributions; Some areas of applications of each of these distributions.

SECTION C
Usefulness of sampling; Meaning and method of drawing a simple random sample (with and without replacement); Concept of a statistic and its standard error; Meaning and method of constructing confidence interval (for sample mean).

SECTION D
Concepts of hypotheses testing; distinction between null and alternative hypotheses, two-types of errors in hypotheses testing, level of significance and p-value of a test; Z and t-tests for significance of difference between means of two samples; 2 -test for goodness of fit and independence of attributes.

References: