



KARNATAK UNIVERSITY, DHARWAD
ACADEMIC (S&T) SECTION
ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
ವಿದ್ಯಾಮಂಡಲ (ಎಸ್&ಟಿ) ವಿಭಾಗ



Tele: 0836-2215224
e-mail: academic.st@kud.ac.in
Private Nagar, Dharwad-580003
ಪಾಪಟ ನಗರ, ಧಾರವಾಡ - 580003

NAAC Accredited
'A' Grade 2014

website: kud.ac.in

No. KU/Aca(S&T)/RIH-274/BOS /Economics(UG) /20-21 1038

Date: 19 OCT 2020

NOTIFICATION

Sub: Regarding introduction of the syllabus of Economics UG under C.B.C.S.
w.e.f. the academic year 2020-21 & onwards.

- Ref: 1. UGC Letter DO No. 1-1/2016(SECY), dt. 10.08.2016.
2. Special BOS Res. No. 05, dt. 22.07.2020.
3. Special Faculty Res. No. 05, dt. 07.08.2020.
4. Special Academic Council Res. No. 20, dt. 21.08.2020.
5. Vice-Chancellor's order dated 8 OCT 2020

Adverting to the above, it is hereby notified to the Principals of all constituent and affiliated degree colleges coming under the jurisdiction of Karnatak University, Dharwad that the Economics UG syllabus for I to IV Semester which is annexed herewith in Annexure-A is introduced under C.B.C.S. from the academic year 2020-21 & onwards

Hence, the contents of this notification may please be brought to the notice of the students and all the concerned. The prescribed C.B.C.S. syllabus may also be obtained through K.U.website (www.kud.ac.in).

Hanumanthappa K.T.
(Dr. Hanumantappa K.T.)
REGISTRAR

To,

1. The Chairman, BOS Economics(UG), Dept. of Economics, K.U.Dharwad.
2. The Chairman, Dept. of Economics, K.U.Dharwad.
3. The Principals of all the constituted and affiliated degree colleges under the jurisdiction of Karnatak University, Dharwad.(The same may be sent through e-mail)
4. The Registrar (Evaluation), K.U.Dharwad.

Copy fives to:

1. Dr. M.A.Jalihah, Dean, Faculty of Social Science, Dept. of Psychology, K.U.Dharwad.
2. The Director, IT Section, Examination Section, K.U.Dharwad for information and to upload on K.U.Website (www.kud.ac.in).

Copy to:

1. PS to Vice-Chancellor, K.U.Dharwad.
2. S.A. to Registrar, K.U.Dharwad.
3. O.S., Exam UG / Confl / QP / GAD Section, K.U.Dharwad.
4. The System Analyst, Computer Unit Exam Section, K.U.Dharwad.

KARNATAK UNIVERSITY
DEPARTMENT OF STUDIES IN ECONOMICS



**Choice Based Credit System (CBCS) Syllabus for
Economics for
Bachelor of Arts Degree (B.A) (General)**

With effect from 2020-21 and onwards
Version: 2020-2021/1.0

KARNATAK UNIVERSITY
PAVATE NAGAR, DHARWAD

**BA Economics (CBCS)
Third Semester (DSE)**

Course: Economic Development and Policy of India
Course Code: DSC-1C-Econ

Course objectives: *This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post- Independence period.*

Learning Outcomes: *The course enables the student to know the structure of the Indian economy and also helps to know where it stands in the world and how it compares with its neighbors and peers. The course also enables the student to know the strengths and weaknesses of Indian economy and makes the student aware of every individual's role in the metamorphosis of our economy*

Unit - 1: Structural changes in the Indian Economy

National Income of India – estimates, trends, growth, composition and limitations; Trends in occupational distribution of population; Trends in tax-gdp ratio and expenditure-gdp ratio; Trends in Current account and balance of payments.

Unit -2: Demographic Profile, Poverty and Unemployment

Broad demographic features- trends in growth, density, age, sex, size, composition; Census 2011; concept of demographic dividend; Communicable diseases and their impact on economy
Unemployment-definition and classification, types, extent;
Poverty: poverty line - extent and measurement; Methods to tackle poverty; recent schemes/programmes to eradicate poverty and unemployment;
Inequality in India–Measures and trends

Unit - 3: Agriculture in India

Classification of Agriculture and allied activities in System of national accounts (SNA); Land use and cropping pattern in India ; Trends in agricultural production, causes of low productivity; Agricultural finance - Agricultural marketing; Agricultural price policy and minimum support prices ; Food security – Agricultural Insurance; National Agriculture Policy

Unit -4: Industry and Service sectors

Classification of Industries; Industrial Policy of 1956 and 1991; Snapshot of large scale industries in India; MSMEs: Role in Indian Economic development-problems- Globalisation and MSMEs.
Service sector: Classification in SNA; Emergence of FMCGs, IT, ITES, BT, Transport and Communication sectors, E-commerce; Recent Government policies- Skill India, Start up, Make in India.

Unit 5: Fiscal and External Sector

Fiscal Sector: Sources of Central Government Revenue; Items of Public Expenditure and major subsidies; Concepts of Deficits: Fiscal, Budgetary, Revenue and Primary deficits.
External Sector: Volume, Composition, Direction of India's International Trade

**BA Economics (CBCS)
Fourth Semester (DSC)**

Course: Mathematics and Statistics for Economics
Course Code: DSC-1C-Econ

Introduction:

To meet the growing needs of economy & society, and also to cater to the changes in technology, there is a need to bring continuous modifications in the subject and its content. After all, relevance is the touchstone of any syllabus. Hence the department has decided to bring necessary changes in the BA Economics Course Structure and its syllabi. In this backdrop, the department proposes to introduce 'Mathematics and Statistics for Economics' as a core course for BA Fourth Semester.

Course Objective:

The objective of this course is to acquaint the students of economics with basic methods of analyses using mathematics and statistics. The course aids the students of economics in understanding the importance of decision sciences in determining the choice.

Nature:

The course is intended for BA economics students who perceptibly have an aversion to mathematics and statistics. Therefore the basic nature of study would be descriptive. However as the subject demands it, the subject is applicative also:

Learning Outcomes: *The course enables the student to demonstrate an understanding of the basic mathematical and statistical concepts, understand and solve the problems based on the limit and differentiation concept. The student will be able to demonstrate the understanding of basics of probability theory and theoretical distributions. The student will be able to appreciate the regression and correlation tools and be able to solve based on these concepts in economics.*

Syllabus

Unit I: Introduction and Revision of basic concepts

Nature and Scope of Mathematical Economics - Importance and Limitations of Mathematics in Economic Theory; Ratios, Proportions and Variations; Functions, Variables, Constants, Parameters; Absolute and Arbitrary Constant, Equation and Identities, Inverse functions

Unit II: Derivatives of Function

Concept of Continuity and Limit - Rules of Differentiation: Application to Derive MR and MC. Elasticity of Demand - Revenue and Profit Maximization and Cost Minimization

Unit- 3: Probability Theory

Introduction to set theory. Concept of probability, Classical and empirical definitions of probability, laws of addition and multiplication, discrete random variable – its concept, mean and variance. .

Unit-4: Theoretical distributions:

Unit-5: Regression Analysis

Two variable linear regression analysis - estimation of regression lines (Least square method) and regression coefficients - their interpretation and properties, standard error of estimate

References:

1. Rosser, Mike, Basic Mathematics for economists, second edition, 2003, Routledge, London
2. Carl P Simon and Lawrence Blume, W W Norton and Company, 1994, New York, London
3. Gupta S P, Statistical Methods, S. Chand, New Delhi.
4. Gupta, S.C and Kapoor, V.K., Fundamentals of Applied Statistics, Sultan Chand & Sons, new Delhi
5. Salvatore, D. Mathematics and Statistics, Schaum's Series, Tata McGraw Hill
6. Mehta and Madnani, 2017, Mathematics for Economists, Sultan Chand and Sons, New Delhi
7. Bose D, An Introduction to Mathematical Economics, Himalaya Publishing House, Mumbai.
8. Veerachamy R, Quantitative Methods for Economics, New Age International (P) Ltd., New Delhi
9. S. C. Gupta, Fundamentals of Statistics, Himalaya Publishing House, Delhi