Telangana University

M.A Applied Economics

Syllabus

TELANGANA UNIVERSITY
DEPARTMENT OF APPLIED ECONOMICS
M.A. (APPLIED ECONOMICS)

COURSE STRUCTURE

First Year (First Semester)

Paper	Paper Title	Max. Marks	
		Final Exam	Internal Assessment
I	English Language - I	80	20
II	Second Language – I (Telugu/Hindi)	80	20
III	Fundamentals of Information Technology	80	20
IV	Mathematics - I	80	20
V	Basic Economics	80	20

First Year (Second Semester)

Paper	Paper Title	Max. Marks	
		Final Exam	Internal Assessment
I	English Language - II	80	20
II	Second Language – II (Telugu/Hindi)	80	20
III	Economic Geography	80	20
IV	Basic Statistics	80	20
V	Micro Economics - I	80	20

TELANGANA UNIVERSITY
DEPARTMENT OF APPLIED ECONOMICS
M.A. (APPLIED ECONOMICS)

COURSE STRUCTURE

Second Year (Third Semester)

Paper	Paper Title	Max Marks Final Exam	Internal Assessment
I	Communication Skills - I	80	20
II	~~Fundamentals of Logic~~ Environmental Studies	80	20
III	MS Office	80	20
IV	Mathematics - II	80	20
V	Micro Economics - II	80	20

Second Year (Fourth Semester)

Paper	Paper Title	Max Marks Exam	Internal Assessment
I	Communication Skills - II	80	20
II	~~Environmental Studies~~ Fundamentals of Logic	80	20
III	Data Base System	80	20
IV	Mathematical Statistics	80	20
V	National Income & Social Accounting	80	20

FYIPGPE SYLLABUS

Semester – I
Paper – 1.1
English Language – I

Unit-I

Occupation matters
Night pollution
The story of inserts.

Unit-II

[...]
The eternal pilgrim.
The challenges of the new millennium.

Unit-III

Unity of minds.
The lost child.
The child of exile.

Unit-IV

Grammar
Use of nouns, pronouns, verbs, adjectives, adverbs, prepositions, conjunctions, construction of sentences, paragraph writing.

Unit-V

Writing exercises from prose; comprehension- unseen passages from prose.

Books:

1. Durga Bhavani. et al (ed.). English Today, Foundation Books. Hyderabad, 2005.

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FYIPGPE SYLLABUS

Semester - 1
Paper - 12(a)
Telugu Language - 1

I   ప్రాచీన పద్య భాగం
1. కుమారసంభవం   ఈ పద్యం దివిషణ్యం నుండి (65-109)వరకు
2. ద్రౌపది పరిణయం   ఈ పద్య ఉద్ఘాటన పద్యం ద్వితీయాశ్వాసం
                        (100-1)వరకు

II   ఆధునిక పద్య భాగం
1. వేణుభక్త — కరుణశ్రీ
2. ప్రబంధం — రాయప్రోలు
3. కిన్నెర నడకలు — విశ్వనాథ సత్యనారాయణ

III   నవల — మూగనోములు — శ్రీదేవి

IV   వ్యాకరణం: సమాసాలు : 1. తత్పురుష 2. కర్మధారయ
      3. ద్వంద్వ 4. ద్విగు 5. బహువ్రీహి
      సంస్కృత సంధులు: సవర్ణదీర్ఘ, గుణ, వృద్ధి, యణాదేశ
      తెలుగు సంధులు: అకార, ఇకార, గ,స,డ,ద,వ,వాదేశ, సంధుల
                        త్రికసంధి సంధులు

V   అనువాదం

      ఆధార గ్రంథాలు:
      I   Semester :
1.   మత్స్యల సరాయి   — కరుణశ్రీ అస్తిరావు
2.   ఇంద్రప్రస్థ   — రాయప్రోలు సుబ్బారావు
3.   కిన్నెరసాని పాటలు   — విశ్వనాథ సత్యనారాయణ
4.   బాలవ్యాకరణం   — పరవస్తు చిన్నయసూరి
5.   సంస్కృత వ్యాకరణం   — విశ్వ వేంకటరాఘవి
                        | తెలుగు అకాడమి (హైదు

FYIPGPE
Semester-I
Paper - 1.2(b) Hindi

Unit I — शब्द कोश्क: शासनादेश के अनुसार सुलभ महत्वपूर्ण शैलियाँ
प्रकाशन, अनुवाद, निबंध लेखन -
1. महावीर प्रसाद द्विवेदी — ... ... अधिगम
2. रामचन्द्र शुक्ल — ... ...
3. महादेवी वर्मा — ... ...
4. रामधारी सिंह दिनकर — ... ...

Unit II — ... कोश्क: शासनादेश के अनुसार सुलभ महत्वपूर्ण, शैलियाँ
प्रकाशन, अनुवाद, निबंध, लेखन 40
1. हजारी प्रसाद (द्विवेदी) — आधुनिक ... ... पद
2. जैन द्वारे बापूजी — भारतीय ... की ...
3. प्रेमचन्द — ... ...
4. डॉ. रामकुमार वर्मा — ... ...

Unit III — उपयुक्त लेखकों का परिचय

Unit IV — व्याकरण ज्ञान:
(1) निर्देश अनुसार वाक्यों को लेखन (लिंग, वचन, वाच्य, काल)
(2) वाक्य शुद्धिकरण
(3) शब्द का वाक्यों में प्रयोग
(4) भाव विस्तार
(5) (...) ...

Unit V — पत्र लेखन: निवेदन, शिकायत, नियुक्ति पत्र आदि
(विषयादि पर)

... सहायक ग्रन्थ —
1. सरल हिन्दी व्याकरण, संकलन राज्य हिन्दी प्रकाशन ...
... लखनऊ
2. व्यावहारिक हिन्दी व्याकरण — ... ... हिन्दी संस्थान
लखनऊ, लखनऊ ...

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Semester – I
Paper – 1.3

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Unit – I

Concept of computer, computer capabilities, classification of computers, computer generation, types of computer systems, main components of a CPU, meaning of IT, areas of application of IT.

Unit – II

Software system & applications, hardware, operating system, input-output devices, keyboard, mouse, touch pad, touch screen, game controller, scanner, audio-visual devices, monitor, LCD, storage devices.

Unit - III
Computer network, uses of network, network structures, connecting networks, intranet, internet.

Unit - IV
Internet basics, working of internet, internet address, URL, search engines, ISP, Internet applications, accessing the internet, connecting a PC to internet, uses of internet.

Unit - V
Network security, issues and features, features of windows and their uses, types and uses of software.

References:

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FYIPGPE SYLLABUS

Semester – I
Paper – 1.4
MATHEMATICS – I

Unit-I

The real-number system – the concept of sets – functions – types of functions – rate of change and the derivative – the derivative and the slope of a curve – the concept of a limit – inequalities and absolute values – limit theorems – continuity and differentiability of a function – rules of differentiation – partial differentiation – determinants

Unit-II

Differentials – total differentials – the total differentiation – total derivative – derivatives of implicit function – exponential and logarithmic functions

Unit-III

Optimization – relative maximum and minimum – second derivative test – Maclaurin and Taylor series – Optimization conditions – Extreme values of functions of two variables – Effect of constraint – finding stationery values – quasiconvexity – Quasiconvexity - Least cost combination of inputs.

Unit-IV

Dynamics and integration – indefinite integrals – definite integrals – improper integrals – some economic applications of integrals – Domar growth model

Unit-V

Analytic geometry – straight line – various forms of equation of straight line – parabola and its properties

Text Books:

1. Alpha C. Chiang, Fundamental Methods of Mathematical Economics (Third Edition), Mc Graw Hill International Editions, Economics Series
   (For Unit-I: Section 2.2 to 2.5, 4.2 to 4.7 and 7.1 to 7.6)
   (For Unit-II: Sections 8.1 to 8.5 and 10.1 to 10.7)
   (For Unit-III: Sections 9.1 to 9.5, 11.1 to 11.6 and 12.1 to 12.7)
   (For Unit-IV: Section 13.1 to 13.6)
2. R.G.D. Allen, Mathematical Analysis for Economics, AITBS Publishers and Distributors, Delhi.
   (For Unit-V: Section 3.1 to 3.8)

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FYIPGPE Syllabus
Semester – I
Paper – 1.5
Basic Economics

Unit – I: Introducing Economics:

* an economists study – Problem of scarcity, choice, inputs and output, production ... ity curve, Opportunity cost, Rationale choice, Role of assumptions.

Unit – II: Elementary Concepts

Economic activity – level, pattern and change – concept of value added and GDP – the rate of growth. Price – real GDP-inflation-cost of living-indexation, Resources- Human, non-human. characteristics of resources: Per capita real GDP – Employment and unemployment, Okun's law.

Unit-III: Economic Phenomena: Concepts

The circuit of production, income and demand. Government and budgets – concepts of deficits – public debt. Foreign flows of goods, services, finance and technology – the balance of payments – deficits – reserves and the exchange rate. Poverty and human development.

Unit – IV: Economic Entities and Institutions

Households-income generation-labour allocation – household enterprises and their characteristics - markets – organised labour. Business enterprises - accounting-production ... investment decisions – pricing and markets. Public sector – public utilities and ... ion enterprises – surplus. Banking system – Money, capital, credit and the rate of interest. Financial system – financial markets and Commerce.

Unit-V: Economic Theory – A Survey

Nature of Economics, Purpose of Economic Theories. Economic interactions – processes not intuitively obvious – questions of economic theory. Traditions in economic theory. The demand and supply approach to economic theory. Different economic systems, economic reasoning (model building), techniques of economic analysis (diagrams, functional relationship, etc.)

References:
1. Lipsey Richard; Introduction to Positive Economics.
2. Leftwitch; Economic Theory.
3. Schultz Charles; National Income Analysis.
4. Palgrave; Dictionary of Economics.

Unit-I

Special kind of dressing
How to avoid arguments
Food, family & culture

Unit-II

Health-An issue of social justice
English in India today
I have a dream

Unit-III

Gajar Halwa
Out of place
The antecedent.

Unit-IV

Writing exercises from prose. Comprehension, Unseen passages from prose.

Unit-V

Extended writing – Writing instructions, Descriptions, Essay writing.

Books:
1. Durga Bhavani, et al (ed.), English Today, Foundation Books, Hyderabad, 2005.

I. ప్రాచీన పద్య భాగం

1. ప్రహ్లాద చరిత్ర – పోతన భాగవతం సప్తమ 130-18

2. సీతా పరిత్యాగము – కంకంటి పాపరాజు
   ఉత్తర రామాయణం
   షష్ఠ ఆశ్వాసం 266-285

II. ఆధునిక పద్య భాగం

1. ప్రబోధ – శ్రీశ్రీ – మహా ప్రస్థానం

2. మహాంధ్రోదయం – దాశరథి – మహాంధ్రోదయం నుండి

III. వర విక్రయము – నాటకము – కాళ్ళకూరి నారాయణరావు

IV.
అ) ఛందస్సు   బ) అలంకారం

1. ఉత్పలమాల   1. ఉపమాలంకారం

2. చంపకమాల   2. రూపకాలంకారం

3. కందపది   3. ఉత్ప్రేక్షాలంకారం

4. తేటగీతి   4. అర్థాంతరన్యాస అలంకారం.

V. వ్యాసం : సామాజిక, చారిత్రక, సాంస్కృతిక, వైజ్ఞానిక
   విషయాల పై

ఉపయుక్త గ్రంథాలు:

1. ఆధునిక కావ్య కవిత్వం- సం ప్రక్రియలు, ప్రయోగములు
   – డాక్టర్ సి నారాయణరెడ్డి

2. తెలుగు చందోవికాసం – రావెల సాంబశివరావుగారు
   (తెలుగు అకాడమి ప్రచురణ)

3. చంద్రాలోక సమన్వయం – పొన్నం శ్రీ

M.A. Semester- II
Paper- 2.2 (b) हिन्दी

Unit I — पद्य संचयी: सम्पादक - डॉ. वी. किशनराव, डॉ. एस. मोहन
2 — .... प्रकाशन, नयी दिल्ली

कबीरदास के दोहे

= रहीम के दोहे
= बिहारीलाल के दोहे
= मैथिलीशरण गुप्त — सरला
६ माखनलाल चतुर्वेदी — पुष्प की अभिलाषा

Unit II — E पद्य केसर्दि: सम्पादक - डॉ. टी. किशन
डॉ. एस. मोहन, रामायण प्रकाशन, नयी दिल्ली

१ जयशंकर प्रसाद — हमारा प्यारा भारतवर्ष
२ सूर्यकांत त्रिपाठी 'निराला' — भिक्षुक
३ सुमित्रानंदन पंत — ग्राम श्री
४ रामधारी सिंह 'दिनकर' — गीता का शर-शय्या से उपदेश
५ नागार्जुन — पालसी

Unit III — उपर्युक्त कवियों का परिचय
Unit IV — सामान्य निबंध
Unit V — अनुवाद: अंग्रेजी तथा तेलुगु के वाक्यों का हिन्दी में अनुवाद

सहायक पुस्तकें :
१. सरल हिन्दी व्याकरण, तथा हिन्दी भारत गंगा देहलवास
२. सामान्य निबंध

FYIPGPE Syllabus
Semester – II
Paper – 2.3
Economic Geography

Unit – I

Definition, nature, scope and recent trends of Economic Geography; it's relation with Economics and allied subjects. Sectors of economy – Primary, Secondary and Tertiary; the impact of economic activities on environment.

✓ Unit – II

Natural resources, classification – renewable and non-renewable – biotic and abiotic. Changing nature of economic activities; conservation and management of natural resources.

Unit – III

Agriculture – physical, economic, socio-cultural environment influencing crop production. Spatial distribution of major food and cash crops of the world. Major types of agriculture.

Unit – IV
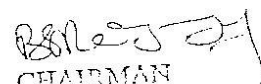
Minerals – energy resources-global trends of energy production and consumption. Industries – factors of localization, Iron and Steel, Cotton textile industries.

Unit – V

International trade – Major international trade routes. World Trade Organisation (WTO) and globalization and their impact on developing countries of the world.

References:

1. Hartshorne, T.N. and Alexander, J.W.: Economic Geography, Prentice Hall, New Delhi.
2. Jones, C.F. and Darkenwald, C.G.: Economic Geography, MacMillan Co., New York, 1975.
3. Guha and Chattoraj : A New Approach to Economic Geography, World Press, Calcutta.
4. Liong G.H. and Morgen, G.C.: Human and Economic Geography, Oxford University Press, London, 1982.

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FYIPGPE Syllabus
Semester – II
Paper – 2.4
BASIC STATISTICS

Unit - I

Definition, applications and limitations of statistics. Planning and execution of a statistical survey. Primary and secondary data. Different methods of collecting primary data. Drafting and pre-testing of a questionnaire. Sources of secondary data. Editing of primary and secondary data

Census versus sampling method. Judgment, quota, convenience, simple random, stratified, systematic, cluster and multistage sampling methods. Sampling and non sampling errors.

Unit - II

Meaning and objectives of classification. Geographical, chronological, qualitative and quantitative classification. Formation of discrete and continuous frequency distributions

Significance of diagrams and graphs. One and two dimensional bar diagrams and pie diagrams. Graphs of one and two or more variables. Histogram, frequency polygon, frequency curve and ogives.

Unit - III

Requisites of a good average. Computation, merits, demerits and uses of arithmetic mean, median, mode, harmonic mean and geometric mean.

Significance of measuring variation. Requisites of a good measure of dispersion. Computation, merits, demerits of range, quartile deviation, mean deviation, standard deviation and coefficient of variation. Lorenz curve.

Difference between dispersion and skewness. Karl Pearson's and Bowley's coefficients of skewness. Moments about origin and central moments. Kurtosis based on moments.
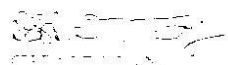
Unit-IV

Use of index numbers. Classification of index numbers. Methods of construction of index numbers. Unweighted index numbers. Quantity and value index numbers. Tests of adequacy of index numbers. Chain index numbers and their construction. Base shifting. Splicing and deflating of index numbers. Consumer index numbers and index numbers for industrial production.

Unit-V

Utility of time series analysis. Components of a time series. Measurement of trend by graphic, semi-averages, moving averages and least squares methods. Measurement of seasonal variations by simple average, ratio –to-trend, ratio-to-moving average and link relative methods. Measurement of cyclic variations by residual method. Measurement of irregular variations. Forecasting the future values in the time series.

Books:

1) Gupta, S.P. Statistical Methods, Sultan Chand and sons, New Delhi.
2) Gupta, S.C. and Kapoor, V. K., Fundamentals of Mathematical Statistics, Sultan Chand and sons, New Delhi.

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MICRO ECONOMICS - I

Unit-I

Definitions of economics, scope of micro economics, basic concepts : Scarcity, marginal, incremental, opportunity cost, risk, uncertainty, positive and normative economics, static and dynamic economic analysis, inductive and deductive methods, partial and general equilibrium, market period, short period and long period, Average revenue and marginal revenue.

Unit-II

Consumer behavior analysis. Demand: Types of demand. Elasticity of demand: Price, income and cross elasticity. Relationship between average revenue, marginal revenue and price elasticity. Measurement of elasticity, influencing factors of elasticity of demand and its uses. Cardinal and ordinal utility analysis. Separation of price effect (Hicks and Slutsky methods), consumer's surplus. Revealed preference theory. Modern utility index. Concept of demand forecasting.

Unit-III

Cost analysis: Nature of total cost, total fixed cost and total variable cost, average fixed cost, average variable cost, average cost, in the short run. Marginal cost and relationship between MC and AC. Derivation of long run average cost curve. Opportunity cost, explicit and implicit cost, real cost, separable and non-separable cost, historical and replacement cost. Cost functions.

Unit-IV

Production analysis: Concept of production function. Law of diminishing returns and its applications. Iso-product curves: properties of iso-product curves. producer's equilibrium, expansion path, economic region of production, returns to scale. Supply function, elasticity of supply and economies of scale.

Unit-V

Market structure analysis: Meaning of market, types of markets i.e. Local, regional, national and international market. Perfect competition: features. price-determination in the short run, shape of revenue curves, equilibrium conditions of firm, equilibrium output determination in the short run. Price determination in the long run under different cost conditions. Equilibrium output determination in the long run.

References:

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