

# ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಸ್ನಾತಕೋತ್ತರ ಅರ್ಥಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಹಾಗೂ ಸಂಶೋಧನಾ ವಿಭಾಗ

ಎರಡನೇ ಮಹಡಿ, ಡಾ. ಪರಮೇಶ್ವರ ಬ್ಲಾಕ್-II, ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ತುಮಕೂರು-572103

ಪ್ರೊ. ವಿಲಾಸ್ ಎಂ. ಕಾದ್ರೋಳಕರ್  
ಪ್ರಾಧ್ಯಾಪಕರು ಹಾಗೂ ಅಧ್ಯಕ್ಷರು

ಸಂಖ್ಯೆ:ತು.ವಿ.ಸಾ.ಅ.ಅ.ಸಂ.ವಿ/ 2022-23/

ದಿನಾಂಕ: 23.01.2023

ಗೆ,

ಮಾನ್ಯ ಕುಲಸಚಿವರು  
ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ತುಮಕೂರು.

ಮಾನ್ಯರೇ,

ವಿಷಯ:- 2022-23 ನೇ ಸಾಲಿನ ಪಿಹೆಚ್.ಡಿ ಅಧಿಸೂಚನೆ ಹೊರಡಿಸಲು ಪಠ್ಯಕ್ರಮವನ್ನು ರಚಿಸಿ  
ಕೊಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ:- ತು.ವಿ.ಸಂ.ವಿ:ಪಿಹೆಚ್.ಡಿ:2022-23/882 ದಿನಾಂಕ: 11.01.2023.

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PAD 23/1/23 ಮೇಲ್ಕಂಡ ವಿಷಯ ಹಾಗೂ ಉಲ್ಲೇಖಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸ್ನಾತಕೋತ್ತರ ಅರ್ಥಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮತ್ತು  
ಸಂಶೋಧನ ವಿಭಾಗಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರಸ್ತುತದಲ್ಲಿ ಜಾರಿ ಇರುವ ಪಠ್ಯಕ್ರಮದಲ್ಲಿ 2020-21 ನೇ ಸಾಲಿನ  
ಪಿಹೆಚ್.ಡಿ ಪಠ್ಯಕ್ರಮದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಇರುವುದಿಲ್ಲವೆಂದು ಈ ಮೂಲಕ ತಿಳಿಸಲಾಗಿದೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

(ಡಾ. ವಿಲಾಸ್ ಎಂ ಕಾದ್ರೋಳಕರ್)  
Chairman

Board of Studies in Economics [PG]  
Tumkur University  
Tumkur-572103

ಅಡಕ : ಪ್ರಥಮ ಮತ್ತು ದ್ವಿತೀಯ ಪತ್ರಿಕೆಗಳ ಪಠ್ಯಕ್ರಮ

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## Syllabus for Pre-Ph.D. Coursework in Economics, 2022

### Paper -I: Research Methodology

#### Unit - 1: Foundations of Research

Research: Meaning, Characteristics; Types; Criteria of Good Research, significance, Research Methods v/s Methodology, Theoretical Foundation; Research concepts, variables and facts; Problems and Applicability in Social Research; Subjectivity v/s Objectivity in Social Research; Plagiarism and Ethical Issues in Research. Problems encountered by researchers in India.

#### Unit - 2: Research Process

Research Process- Factors involved in the process. Research Problem: Identification of the Problem. Review of Literature: Need for Reviewing Literature, Sources of Literature, capturing the gaps; Formulation of objectives and hypothesis; Research Design: Meaning, Need, Features of Good Design, Types of Research Design, Developing a Research Plan.

#### Unit-3: Data collection and Sampling

Data Collection: Primary and Secondary Data, Advantages/Disadvantages. Data Collection Techniques: Observation Method, Survey - Interview schedule and Questionnaire Method, Merits and Demerits; Pilot Study, Case Study, Field Study; Rapid participatory Appraisal. Sampling: Meaning, Principles, Sampling Process, Types of Sampling, Sample Size, Advantages and Disadvantages and Errors in Sampling.

#### Unit-4: Processing and Analysis of Data

Processing of Data: Checking, Editing, Coding, Classification and Tabulation, Diagrammatic and Graphic Presentation of Data: Bar Diagram, Multiple Bar Diagram, Subdivided Bar Diagram, Pie-Diagram, Line Chart/Graphs, Histogram, Frequency Polygon; Graphical Representation.

#### Unit - 5: Application of Statistical Tools and Report Writing

Use of basic Statistics – Mean, Median, Mode, Range, Quartile Deviation, Mean Deviation, Standard Deviation, Regression and Correlation. Testing of Hypothesis- T test, F test Z test, Chi-square test. Use of Statistical Software: MS Excel and SPSS Package. Report: Types of Reports - Steps in Report Writing, Research Report Format, Writing the Report. Documentation: Appendices, Footnote, Endnotes, References and Bibliography.



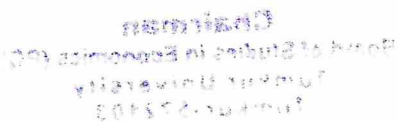
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Anand Kulkarni  
Chairman  
Board of Studies in Economics (BOS)  
Tumkur University  
Tumkur-572103

  
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## Syllabus for Pre-PhD Coursework in Economics, 2022

### Paper - II: Economics (Specialization Paper)

#### Unit - 1: Growth and Development Economics

Economic Growth, Economic Development and its measurement-Sustainable Development, Harrod-Domar model, Neo Classical growth models- Solow's model, Approaches to development-Balanced and Unbalanced growth, Critical Minimum Effort, Joan Robinson's Model; Choice of Techniques and Appropriate Technology; Vicious circle of poverty.

#### Unit - 2: International Economics

Theories of International trade-Classical and modern; Concepts of Terms of trade Equilibrium/ Disequilibrium in Balance of Payments-Absorption and Monetary approaches for adjustment in the Balance of Payments, Functions and working of BRICS and SAARC. Major issues in India's Trade Policies; Recent developments in International Trade/ Theories.

#### Unit -3: Public Economics

Market Failure; Voting systems, Arrow's Impossibility Theorem; Rent Seeking and Directly Unproductive Profit Seeking (DUP) Activities; Benefit Approach and Ability to Pay Approach; Theory of Public Goods; Tiebout Model; Modern Theory of Incidence; Indian Public finance -Trends in Revenue and expenditures of the Central and State Governments, Analysis of the union budget, Review of GST.

#### Unit - 4: Econometrics

Methodology of Econometrics, Simple Linear Regression Model, Assumptions, Estimation - Properties of Estimates; Gauss Markov Theorem- Normality Assumptions-Statistical Inference- Testing Hypothesis. Fitness of the Model:  $R^2$  and Adjusted  $R^2$ . Nature, Tests, Consequences and Remedial Steps for the Problems of Hetero- scedasticity, Auto-correlation and Multi-collinearity; Problems of Specification Error-Errors in Measurement. Introduction to Simultaneous Equation Models. Functional forms and economic Interpretations. Dummy Variable Regression-Techniques and Uses, Models.

#### Unit - 5: Approaches to Rural Development

Rural Problems, Poverty, Unemployment, Inequality, Panchayat Raj Institutions, Non-Governmental Organizations, Public Distribution System, Rural Infrastructure. Rural Development Models; Contribution of Lipton, Gandhi, VKRV Rao, Lalith Sen Gadgil and PURA Model.

#### Unit - 6: Rural Development Strategies

Rural Development Programmes; Micro Level Planning- Design and Evaluation of Rural Development Projects - Block Plans. Location theory of rural services Losch, Christaller, Weber and Isard Models, Rural Industrialization. Sustainable Agricultural Development, Rural Credit System; Institutional and Non Institutional Sources

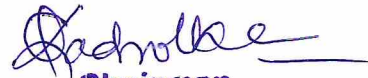


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