

**Pre-Ph.D. Syllabi- 2018**  
**P.G. Department of Economics**

<b>Paper -721: RECENT TRENDS IN ECONOMICS</b>			
		<b>Lectures</b>	<b>Credits</b>
<b>A</b>	<b>New Classical Economics</b>	<b>8-10</b>	<b>1</b>
	The New Classical Position		
	The Rational Expectations Concepts and Its Implications		
	New Classical Policy Conclusions		
	The Keynesian Countercritique, the question of Persistence		
	The Extreme Informational Assumptions of Rational Expectations		
	Auction Market Versus Contractual Views of the Labour Market		
<b>B</b>	<b>Real Business Cycles and New Keynesian Economics</b>	<b>8-10</b>	<b>1</b>
	Real Business Cycle Models- Central Features, A Simple RBC Model		
	Macroeconomic Policy in a Real Business Cycle Model, Robert Lucas and Real Business Cycle Theory		
	New Keynesian Economics- Sticky Price (Menu Cost) Models, Efficiency Wage Models, Insider-Outsider Models and Hysteresis		
<b>C</b>	<b>Gender Economics</b>	<b>10-12</b>	<b>1</b>
	Amartya Sen's capability theory		
	Becker's theory of family and gender discrimination		
	Capability approach and gender: Nussbaum's basic capabilities framework-women empowerment and economic development, Conceptualizing and measuring Empowerment		
<b>D</b>	<b>Contemporary Economic Issues- India and Odisha</b>	<b>12-15</b>	<b>1</b>
	Globalization and Economic Development - ( Bhagwati, Rodrik and Reinert )		
	Socio-Economic issues and Regional Imbalance in India and Odisha, Economic backwardness and KBK region of Odisha, Key issues in regional development of Odisha, Farmers' suicide- causes, consequences and solutions, Distressed Migration of Labour- Issues and Challenges		
	Goods and Services Tax (GST) - Benefits and expected problems and solutions; Direct Tax code- benefits, problems and solutions; Budgetary trends in contemporary India- a critical evaluation of these trends.		
	Aging and Development- The Economics of aging		

<b>Paper -722: Research Methodology-I</b>			
		<b>Lectures</b>	<b>Credits</b>
<b>A</b>	<b>Scope of Research and Ethics</b>	<b>8-10</b>	<b>1</b>
	Introduction and Scope		
	Research problem: Identification, Selection, Formulation of research objectives		
	Research design: Components, Types and Importance		
	Research ethics, Institutional ethics committee		
	Plagiarism - Pitfall		
<b>B</b>	<b>Technical Writing</b>	<b>8-10</b>	<b>1</b>
	Types of technical documents; Full length research paper, Short/Brief communications, Letters to editor, Book chapter, Review, Conference report, Project proposal		
	Components of a full length research paper; Title/Topic statement, Abstract/key words, Aims and objectives, Hypothesis building, Rationale of the paper, Work plan, Materials and methodology, Results and discussion, Key issues and arguments, Acknowledgement, Conflict of interest statement, bibliography, Technical Resumes & Cover Letters		
	Components of a research proposal; Project summary Key words, Origin of the proposal, Major Objectives Methodology, Overview of status of Research and Development in the subject, Importance of the proposed project in the context of current status, Bibliography		
<b>C</b>	<b>Scientometrics</b>	<b>10-12</b>	<b>1</b>
	How to cite and how to do referencing		
	Literature search technique, using SCOPUS, Google Scholar, PUBMED, Web of Science, Indian Citation Index, and RG		
	Styles of referencing; APA, MLA, Oxford, Harvard, Chicago		
	Annotated bibliography		
	Tools for citing and referencing, Mendeley, Grammarly, Endnote etc		
<b>D</b>	<b>Presentation and Communication skills</b>	<b>10-12</b>	<b>1</b>
	Tables, Figures and Pictures using Excel		
	PowerPoint slide preparation		
	Preparation of Posters		
	Electronic submission of manuscripts		
	Communication skills, oral and poster		

<b>Paper- 723: Research Methodology-II</b>			
		<b>Lectures</b>	<b>Credits</b>
<b>A</b>	<b>IPR and Cyber Law</b>	<b>8-10</b>	<b>1</b>
	Patents		
	Patent laws, process of patenting a research finding		
	Intellectual property (IP), Intellectual property right (IPR)		
	Copyright, Trademarks, GI		
	Cyber laws		
	COPE		
<b>B</b>	<b>Quantitative Data Analyses</b>	<b>10-12</b>	<b>1</b>
	Types of data, Data collection - Methods and Tools		
	Hypothesis testing		
	Normal and Binomial distributions and their property		
	Tests of significance: Student <i>t</i> -test, <i>F</i> -test, <i>Chi-square</i> test		
	Correlation and Regression		
	ANOVA – One-way and Two-way, Multiple-range test		
<b>C</b>	<b>Computer Fundamentals</b>	<b>10-12</b>	<b>1</b>
	Introduction to MS-Office software: MS-Word (Track change)		
	MS-Excel		
	MS-Power Point		
	MS-Access		
	Features for Statistical data analysis using computers and software, Microsoft Excel Data Analysis ToolPak, SPSS E-Views, STATA		
<b>D</b>	<b>Applied Econometrics – Tools &amp; Techniques</b>	<b>12-15</b>	<b>1</b>
	OLS estimation and interpretation; BLUE properties; Matrix approach		
	Violation of assumptions-Multicollinearity, Heteroscedasticity, Autocorrelation		
	Simultaneous Equation model estimation, LPM, Logit, Probit and Tobit Models		
	Time Series Analysis with E-views/STATA; Unit roots tests, ARCH/GARCH models, VAR models, Cointegration		