Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
Department of Commerce
Pre-PhD Course-work in Commerce

Pre-PhD Course-work in Commerce

Programme Outcomes (POs):

PO1: **Fundamentals:** Enhancing knowledge of Research, its processes, methodology, and numerical ability.

PO2: **Problem-Solving Skills:** Ability to imbibe problem-solving skills in real-life research of businesses

PO3: **Applicability:** Developing expertise to apply the knowledge into application in different forms of business organizations.

PO4: **Ethical Practices:** Identification, Promotion, and Encouragement of Ethical business practices in performing research activities.

PO6: **Environmental Concern:** Promoting research for better environmental concerns.

PO7: **Societal Connection:** Promoting research that has larger benefits for society.

Programme-Specific Outcomes (PSOs):

As the course is designed to imbibe research acumen among prospective research scholars, setting the following PSOs seems apt:

PSO1: Identifying, and applying concepts acquired through the programme in meaningful business research.

PSO2: Knowledge of Databases, software, and hands-on experience in using these tools in the field of research

PSO3: Inculcation of better inferential ability, inquisitiveness, and zeal to search for sustainable and cost-effective outcomes for the society at large.

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Unit	Content	Lectures
	PPCW -01 Research Methodology (Compulsory for all)	
	Learning objective: To provide knowledge about research methodology so to apply the concept in real research area.	
Unit	**Content**	**Lectures**
I	**Introduction:** Meaning, Objectives, Significance and Types of research, Selection and Formulation of Research Problems	06
II	**Hypotheses:** Meaning and Characteristics of Working Hypotheses, Problem in formulating Hypotheses, Sources of Hypotheses, Origin of Hypotheses, Types and Significance of Hypotheses	08
III	**Research Design:** Meaning, Objectives, and contents of Research Design, Types of Experimental Research Design	10
IV	**Sampling and Data Sources:** Sources of Data – Primary and Secondary Sources of Data; Collection of primary and secondary data; Sampling Methods, Calculation of Standard errors.	10
V	**Statistical Inference:** Brief discussion on select parametric and non-parametric tests and their interpretation; **Processing of Data:** Analysis and Interpretation of Data and Thesis writing.	06
	Total Lectures (hours)	**40**

Suggested Readings:
1. Bennet, Roger : Management Research, Routledge, New York
2. Fowler, Floyd, J. JR. : Survey Methods, Sage Publication, New Delhi
3. Gupta, S.P. : Statistical Methods, Vikas Publishing House, New Delhi
4. Kothari, C.R. : Research Methodology, New Age International, New Delhi
5. Singh, S.D., Research Methodology
6. Kapil, H.K., Research Methodology
7. Shukla and Dwivedi, Research Methodology

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Course Outcomes:

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PPCW-01: Research Methodology

CO1: To provide basic understanding about research process

CO2: To develop inquisitiveness among students about the business processes happening in real life

CO3: To acquaint them with the idea of sample and population and incorporating the same in their prospective research work

CO4: To provide basic understanding of software handling related to research work

CO5: To guide and encourage them for ethical research writing

CO	PO						PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3
CO1	3	3	3				3		
CO2	2	3	3				3		
CO3	3	3	3						3
CO4	2		3					3	
CO5				3					2

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PPCW-02 Computer Applications in Research (Compulsory for all)		
Learning objective: The objective of this paper is make familiar the students with data analysis and report writing through computerised application.		
Unit	**Content**	**Lectures**
I	Introduction to Computers, Personal Computers and its main components, Modern Information Technology-Basic Idea of Local Area Network (LAN) and Wide Area Network (WAN), E-mail, Application of Internet Technologies in Research.	06
II	Word Processing- Introduction and working with MS word in MS office. Spread Sheet- Working with Excel, formatting function, Chart.	08
III	Advance Usage of MS Excel for Research: Use of Data Analysis Tool Pack, Megastat Add-on	08
IV	Presentation with Power Point- Power point basics, Creating presentations with graphics, sound effects and animation effects.	06
V	Usage of statistical packages for analysis in research-SPSS, E-Views	12
	Total Lectures (hours)	40

Suggested Readings:
1. Date, C.J., An Introduction to Database Systems-Addison Wesley, Massachusetts
2. Mansfield, R., The Compact Guide to MS Office, BPB Publication, Delhi.
3. Summer, M., Computer concepts and Uses, 2nd edition, Englewood Cliffs, New Jesey, Prentice Hall Inc.

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Course Outcomes:

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PPCW-02: Computer Applications in Research

CO1: To provide basic information about Computers and its journey of development from generation to generation

CO2: To provide working knowledge of handling Word Processing, Spread Sheet, and Presentation Software

CO3: To guide them to apply computer skills in research using hands-on experience

CO4: To provide elementary knowledge about specific research software for futuristic research

CO	PO						PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3
CO1	3						3		
CO2	2	3	3					3	
CO3	2	3	3						3
CO4	2	2	3						3

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	PPCW-03 Accounting and Finance (Compulsory for all)	
Learning objective: To Impart knowledge about different aspects of Accounting and Finance.		
Unit	**Content**	**Lectures**
Unit-1	Understanding the Financial Statements; Techniques of Financial Statement Analysis- Ratio Analysis: Meaning, Types, Computation and Interpretation of Different Ratios.	**12**
Unit-2	Funds Flow Analysis and Cash Flow Analysis(as per AS-3)	**10**
Unit-3	Financial Management-Meaning, Objectives. Capital Budgeting Techniques; Cost of Capital	**06**
Unit-4	Capital Structure Decisions; Working Capital Management.	**06**
Unit-5	Structure of Indian Financial System; Money Market and Capital Market; Financial Services and	**06**
	Total Lectures (hours)	**40**

Suggested Readings:
1. Gupta, S. P & Gupta, K. L..; Management Accounting, Sahitya Bhawan, Agra
2. Pandey, I.M.; Management Accounting, Vikas Publishing House, New Delhi
3. Bhalla. V.K. Investment Management: Security Analysis and Portfolio Management, Sultan Chand, New Delhi.
4. Gupta, S.P.: Financial Management, Sahitya Bhawan, Agra
5. Khan, M.Y. and Jain, P.K.: Financial Management, Tata McGraw Hill, New Delhi

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Pre-PhD Course-work in Commerce

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Pre-PhD Course-work in Commerce

PPCW-03: Accounting and Finance

CO1: To provide basic understanding of financial statements at applied level.

CO2: To help students in identifying flow of funds and cash in an organisation

CO3: To provide applied knowledge of financial management and its components.

CO4: To guide students about Indian Financial System especially about the Money and Capital Market as well as different financial services.

CO	PO						PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3
CO1	3						3		
CO2	3	3	3				3		3
CO3	3	3	3				3		3
CO4	3	2	2						3