

**BPS MAHILA VISHWAVIDYALAYA KHANPUR KALAN**

Extact of Resolution No. 7 of the 45th Meeting of Executive Council held on 30/12/2015.

**Resolution**

7. To consider and approve the recommendations made by the Academic Council vide Resolution No. 33 in its meeting held on 16/12/2015 in approving the addition/amendment in the Clause 3.2 (a) of Ph.D. Ordinance of BPSMV, Khanpur Kalan.

**Resolved** that the following additions/amendments in Clause 3.2 (a) of the Ph.D. Ordinance of BPSMV Khanpur Kalan for implementation from the Academic session 2016-17 may be approved as per recommendations made by the Academic Council vide Resolution No. 33 dated 16/12/2015:-

<b>Existing Clause 3.2(a) of Ph.D. Ordinance</b>	<b>Proposed Amendment/Addition</b>
The candidates who have qualified JRF (valid) conducted by the UGC/CSIR/DBT/DST/CBSE and ASRB etc. are exempted from Entrance Test and their admissions will be made on the available vacant seats as well as over and above the seats available in the concern department, subject to the constraint (of the supervisor-scholars ratio) in the Departments/Institutes of the University.	The candidates who have qualified JRF (valid) conducted by the UGC/CSIR/DBT/DST/CBSE and ASRB etc. are exempted from Entrance Test and their admissions will be made on the available vacant seats as well as over and above the seats available in the concerned department, subject to the constraint (of the supervisor-scholars ratio) in the Departments/Institutes of the University.  <b>However, they will submit a tentative proposal to discuss their research interest/area before the DRC.</b>

212

**B. P. S. MAHILA VISHWAVIDYALAYA, KHANPUR KALAN, SONIPAT**  
**Faculty of Commerce and Management**

**Scheme of Examinations for Pre-Ph.D. Course in**  
**Management**  
**(w.e.f. July, 2015)**

S.No.	Paper Code	Paper Title	Hours per Week			Total Credits per Week	Max Marks		
			L	P	T		Internal Marks	External Marks	Total Marks
Theory Papers :									
1	PHD-2101	Research Methodology	4	0	1	4.5 Credits	20	80	100
2	PHD-2103	Quantitative Techniques	4	0	1	4.5 Credits	20	80	100
3	PHD-2105	Essentials of Dissertation Writing	4	0	1	4.5 Credits	20	80	100
<b>Total Contact Hours/Credits</b>			<b>12</b>	<b>0</b>	<b>1.5</b>	<b>13.5 Credits</b>			<b>300</b>

### Instructions for Paper Setter/Examiner:

The question paper will have two sections. Section A will comprise of 7 small answer type questions of 4 marks each out of which a student will have to attempt 5 questions. Section B will contain 8 questions of 15 marks each ( 2 questions from each unit). The students will be required to attempt 4 questions ( 1 question from each unit).

### Course Objective:

This paper aims to equip the students with the knowledge and skills involved in the business research such as research process, research problem and data collection and qualitative research.

### Course Inputs:

#### Unit-I

Research: meaning, role, types and constraints in research. Concepts of data, information and intelligence; characteristics of valuable information. Meaning of theory and theory development. Role of concepts, propositions, variables and hypotheses in theory building.

#### Unit-II

Types of research design: exploratory, descriptive and casual. Major phases of research process. Organisational and ethical issues in research. Research problem: identification, research objectives and research hypotheses.

#### Unit-III

Measurement and scaling concepts: levels of scale measurement, criteria for good measurement (reliability and validity), attitude measurement- rating and ranking scales.

Primary data: meaning and methods of collections-survey research (interviews and questionnaire design), observation research (direct and indirect). Secondary data: meaning and sources.

#### Unit-IV

Qualitative research: meaning and uses; orientations to qualitative research-phenomenology, ethnography, grounded theory and case studies; techniques of qualitative research-focus group interviews, depth interviews, conversations, observation and thematic appreciation test.

### Suggested Readings:

1. Blaikie, N. (2000) Designing Social Research. Cambridge: Polity Press. ISBN: 0745617670
2. Boyd & Westfall: Marketing Research, Prentice Hall.
3. Cassell, C. and Symon, G. (2004) Essential Guide to Qualitative Research Methods in Organizational Research. London: Sage. ISBN: 0761948880

4. Cooper and Schindler: Business Research Methods, 8<sup>th</sup> edition, Tata McGraw Hill.
5. Creswell, John W.: Research Design-Qualitative & Quantitative Methods, New York, John Willy, 2002.
6. Easterby-Smith, M. Thorpe, R. & Lowe, A. (2002) Management Research: An Introduction, 2<sup>nd</sup> ed. London: Sage. ISBN: 0761972854
7. Flick, U., von Kardorff, E. and Steinke, I. (eds) (2004) A Companion to Qualitative Research. Sage, Thousand Oaks, CA. ISBN: 0761973753
8. Foddy, William. (1993) Constructing Questions for Interviews and Questionnaires: Theory and Practice in Social Research. Cambridge University Press, Cambridge. ISBN: 0521467330
9. Kothari, C. R.: Research Methodology, New Age International Publishers.
10. Kvale, S. (1996). Interviews: An Introduction to Qualitative Research Interviewing. London: Sage. ISBN: 080395820X
11. Malhotra, Naresh K.: Marketing Research an Applied Orientation, 5<sup>th</sup> edition, Pearson.
12. Partington, D. (Ed). (2002) Essential Skills for Management Research. London: Sage. ISBN: 0761970088
13. Shekharan & Uma: Business Research Methods-A Skill- Building Approach, 7<sup>th</sup> ed., New York, John Willy, 2002.
14. Yin, R.K. (1994) Case Study Research: Design and Methods, 2<sup>nd</sup> ed. London: Sage. ISBN: 0761925538

112-

**Pre – Ph.D. Course Work**  
**Quantitative Techniques**  
**PHD-2103**

**L-T-P**  
**4-1-0**  
**Time: 3 Hours**

**Max. Marks: 100**  
**External Theory 80**  
**Internal Marks 20**

**Instructions for Paper Setter/Examiner:**

The examiner shall set nine questions in all covering the whole syllabus. Question No.1 will be compulsory covering all the units and shall carry 7 small questions of 4 marks each out of which a student will have to attempt 5 questions. The rest of the eight questions will be set from all the four units. The examiner will set two questions from each unit out of which the candidate shall attempt four questions selecting one question from each unit. All questions shall carry 15 marks each.

**Course Objective:**

The objective of this course is to make the students learn about the application of statistical tools and techniques for decision- making.

**Course Inputs:**

**Unit-I**

Introduction to SPSS, Preparation of data files: Define variables, Data entry, Data coding, Issues in Data Cleaning, Missing values, Recoding, Improper codes etc.

**Unit-II**

Data Normalization- Identifying Outliers, Box Plots, QQ Plots, Histograms, Stem & Leaf, Standard Deviation, Extreme values, KS Test and Lavence Test Descriptive statistics : Comparative Mean, Mean Plots, Standard Deviation, Bi-variant Correlation etc.

**Unit-III**

Parametric Testing : assumptions and validation, Validity, One Sample T test, independent T test, Pair Sample T Test, One way ANOVA, Post Hoc; Non Parametric Test: Chi-Square test, Mann-Witney U test, Wilcoxon Sign Rank test, Kruskal Wallis test, Friedman test, Speaman's rank- order correlation test.

**Unit-IV**

Regression Analysis – Assumptions and types; Factor Analysis – Assumptions, Types etc.

**Pre – Ph.D. Course Work  
Essentials of Dissertation Writing**

**PHD-2105**

**L-T-P**

**4-1-0**

**Internal Marks: 20**

**External Marks: 80**

**Time: 3 Hours**

**Instructions for Paper Setter/Examiner:**

The question paper will have two sections. Section A will comprise of 7 small answer type questions of 4 marks each out of which a student will have to attempt 5 questions. Section B will contain 8 questions of 15 marks each ( 2 questions from each unit). The students will be required to attempt 4 questions ( 1 question from each unit).

**Course Objective:**

The purpose of this paper is to make student learn about write about how to write a dissertation in a presenting manner.

**Course Inputs:**

**Unit-I**

Basic concepts: Thesis, Literature Review, Methodology, Argumentation Analysis, Synthesis, Comprehension, Knowledge, Analogy, Homology, Paradigm, Criticism. Literature Review: Importance, Role and Purpose, Writing the review.

**Unit-II**

Research and Writing: research paper as a form of exploration & communication. Plagiarism: definition, consequences, forms. The mechanics of writing: spelling, punctuation, italics, names of persons, numbers, titles of work in research paper, quotations, capitalization & personal names in languages other than English.

**Unit-III**

The format of the research paper documentation: Preparing the list of works cited; Citing sources in the text, Abbreviations.

**Unit-IV**

Structure & content of the research proposal, Citing references, Presentation of a dissertation, Managing information and keeping records. Do's & don'ts for reviewing, Indicators of good research.

**Suggested Readings:**

1. Estelle M. Philips D.S. Pugh (1987) "A Handbook for students and their Supervisors". UBS Publishers' Distributors Ltd., New Delhi.
2. Gibaldi Joseph (2004) "MLA Handbook for Writers of Research Papers", Sixth Edition, East West Press Pvt. Ltd., New Delhi.
3. Giboldi, Joseph (2004), MLA Handbook for Writers of Research Papers, Sixth Edition, East West Press, New Delhi.

4. Glatthorn Allan A. (1998) "Writing the Winning Dissertation – A Step-by-Step Guide, Corwin Press, Inc. Thousand Oaks, California.
5. Hart Chris (1998) "Doing a Literature Review", SAGE Publications, New Delhi.
6. Hart, C. (1998) *Doing a Literature Review: Releasing the Social Science Research Imagination*. Sage, London. ISBN: 0761959750
7. Huff, A. (1999) *Writing for Scholarly Publication*. Sage, Thousand Oaks, CA. ISBN: 0761918051
8. Lerary, Zina O' (2005) "The Essential Guide to Doing Research", Vistaar Publications, New Delhi.
9. Punch Keith F (2000) "Developing Effective Research Proposals, SAGE Publications, New Delhi.
10. Rudestam Kjell Erik, Rae R. Newton (2001) "Surviving Your Dissertation" 2<sup>nd</sup> Edition. SAGE Publications, New Delhi.
11. Thomas R. Murray (2003) "Blending Quantitative & Quantitative Research Methods in Theses and Dissertations" Corwin Press, Inc. Thousand Oaks, California.
12. Wallace, M. and Wray, A. (2006) *Critical Reading and Writing for Postgraduates*. Sage Publications. ISBN 1412902223
13. Walliman Nicholas (2003) "Your research project", SAGE Publications, New Delhi.