Bodoland University

Department of Management Studies

Syllabus for Ph.D. Course Work

Course Structure in accordance with the Bodoland University Revised Ph.D. Regulations, 2020

Sl. No	Paper No	Course Name	Course Credit	Marks
1	Paper I	Research Methodology for Management	3	20 marks for internal evaluation and 80 marks for end semester examination
2	Paper II	Introduction to Computer Application for Research	3	20 marks for internal evaluation and 80 marks for end semester examination
3	Paper III	Overview of Relevant Subject Paper Elective I: Theoretical Foundations of Research in Finance Elective II: Human Resource/ Elective III: Marketing/ Elective IV: Operations/ Elective V: General Management	3	20 marks for internal evaluation and 80 marks for end semester examination
4	Paper IV	Literature Review	3	20 marks for internal evaluation and 80 marks for Report on Literature Review
5	Paper V	Research and Publication Ethics	2	50 Marks for end semester examination

Total Credits=14

The respective supervisors will conduct the courses for Paper III and Paper IV in the concerned area of research. The supervisor will submit the details of the courses to the DRC along with the comments of the subject expert for necessary approvals.

Internal evaluation may consist of assignments, presentations, and written examinations.

All extant rules notified by the University from time to time would be applicable.

Programme Outcomes (POs)
After completion of the Ph.D. programme, the researcher will be:
- Able to develop the critical thinking
- Able to apply the knowledge in problem solving
- Exhibit ethical behaviour in research
- Able to continuously upgrade the knowledge

Paper I
Research Methodology for Management

Credit 3

Course Outcomes (COs):
Upon successful completion of the course, the students will be able to:
- Understand the various characteristics, types, uses and limitations of management research
- Analyse the data by using different tools and techniques
- Interpret the data to logical conclusions and present it in the form of various reports encompassing therein charts, and diagrams

Unit I
Meaning and Significance of Research; Types of Research; Research Process; Identification of Research Problem; Formulation and Development of Hypothesis; Research Designs.

Unit II
Primary Data; Secondary Data; Questionnaire Design; Measurement and scaling: Primary Scales of Measurement, Comparative Scaling Techniques, Non-Comparative Scaling, Concept of Reliability and Validity.

Unit III
Samples & Census; Sampling Design Process; Non-Probability Sampling Techniques; Probability Sampling Techniques.

Unit IV
Preparing Research Report; Structure of Research Report; Preparing Research papers for Journals, Seminars and Conferences; Indexing; Impact factor of a journal, Citation Index.

Case Analysis and Self Study Assignments are compulsory.

Suggested Readings:
1. Mishra, P. *Business Research Methods*, Oxford University Press.
2. Chawla, D. and Sondhi, N. *Research Methodology Concepts and Cases*, Vikas Publishing House Pvt. Ltd., Noida.
3. Malhotra, N.K. and Dash, S. *Marketing Research An Applied Orientation*, Pearson India Education Services Pvt. Ltd., Noida.
4. Kothari, C.R. *Research Methodology: Methods & Techniques*, New Age International Publishers.
5. Saunders, M., Lewis, P. and Thornhi, A. *Research Methods for Business Students*, Pearson Education Ltd.
6. Bennet, Roger. *Management Research*, ILO, 1983.
7. Gupta, S.P. *Statistical Methods*, 43rd Ed., Sultan Chand, New Delhi.
8. Levin, R.I. and Rubin, D.S. *Statistics for Management*, Prentice Hall Inc, New Jersey.

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Paper II
Introduction to Computer Application for Research

Credit 3
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Course Outcomes (COs):
Upon successful completion of the course, the students will be able to:
- Understand the use of computer application in research
- Analyse the data by using basic statistical techniques
- Interpret the statistical results

PART - A: Basics of Computer Application (Prescribed by the University)

Unit I
- Operating system, System Software, Application Software.

- Use of Microsoft office word in word processing, graphical presentation, and preparation of documents.

- Power Point in graphical presentation and preparation of documents, Creating and printing a presentation, producing a slide show.

- Excel in data analysis, Editing and formatting worksheets, performing basic calculations, working with charts.

- Browsing internet for related literature and Inter Groups for sharing of data and result.

Part - B: Statistical Analysis

Unit II
Frequency Distribution; Measures of Central Tendency; Skewness; Kurtosis; Probability theory and Probability Distributions.

Unit III
Inferential statistics-Point & interval estimation, Tests of hypothesis: Use of Parametric and Nonparametric tests; Interpretation of Statistical Results.

Unit-IV
Correlation and Regression Analysis; Basics of Time Series Analysis; Data Preparation-editing, coding, classification & tabulation of data.

Scholars would be introduced to relevant statistical software like SPSS, Eviews etc.

Suggested Readings:
1. Gupta, S.P. *Statistical Methods*, 43rd Ed., Sultan Chand, New Delhi.
2. Levin, R.I. and Rubin, D.S. *Statistics for Management*, Prentice Hall Inc, New Jersey.
3. Box, G.E.P., Jenkins, G.M., Reinsel, G.C. and Ljung, G.M. *Time Series Analysis: Forecasting and Control*, Wiley.

Paper III
Elective I: Theoretical Foundations of Research in Finance

Credit 3

Course Outcomes (COs):
Upon successful completion of the course, the students will be able to:
- Understand the theories in Finance
- Analyse the theoretical framework for research

Unit I

Finance Theory-Evolution; Capital Structure Theories; Dividend Theories.

Unit II

Portfolio Theory; Risk and Return Theories; Asset Pricing Theories; Option Pricing Theory.

Unit III

Market Efficiency; Financial Reporting; Financial Crises.

Unit IV

Overview of Financial Modelling; Behavioural Finance and its Underlying Principles; Emerging theories of research.

Suggested Readings:

The list of cases/research papers and specific references including recent articles will be announced in the class at the time of launching the course.

Paper III
Elective V: General Management

Credit: 3

Course Outcomes (COs):
Upon successful completion of the course, the students will be able to:
- Understand the various contemporary research topics in general management
- Identify their area of interest for undertaking research
- Summarize the works of different scholars and authors for individual/group research

Unit I

Problem of asymmetric information: Types- adverse selection, lemons problem, moral hazard and principal agent problem, asymmetric information problem in different markets.

Unit II

Forensic Accounting- Education and Skill Sets, Consultancy, Non-Scientific Testimony, Investigative Service, difference between forensic accounting and auditing; Blockchain and crypto currency.

Unit III

Sustainability reporting; Carbon finance.

Unit IV

Public Systems Management- Concept, nature, scope and characteristics, governance.

Suggested readings:

The relevant research papers, articles and notes will be shared in the class.

Paper IV
Literature Review

Credit 3

Course Outcomes (COs):
Upon successful completion of the course, the students will be able to:
- Understand the related research work
- Summarize the works of different researchers in the area

Scholars will engage in review of literature related to his/her thrust area of research and submit a report for evaluation at the end of the semester. The selection of research problem and the preparation of the report will be in consultation with one of the research supervisors of the department.

Paper V
Research and Publication Ethics

Credit 2

As per Bodoland University Rules.