



L. N. MITHILA UNIVERSITY

Kameshwaranagar, Darbhanga - 846004 (Bihar)

NOTIFICATION

The Vice Chancellor has been pleased to constitute a "Research Promotion and Innovation Cell" comprising of the following members to promote the Research and Innovation activities in the university:

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|--|---|-----------|
| 1. Dean | - | Chairman |
| Faculty of Commerce, L.N.M.U, Darbhanga | | |
| 2. Head | - | Member |
| University Department of Zoology, L.N.M.U, Darbhanga | | |
| 3. Principal | - | Member |
| C. M. Sc. College, Darbhanga | | |
| 4. Dr. Simant Srivastava | - | Member |
| Asst. Professor, University Department of Chemistry | | |
| L.N.M.U, Darbhanga | | |
| 5. Dr. Manuraj Sharma | - | Member |
| Asst. Professor, University Department of Geography | | |
| L.N.M.U, Darbhanga | | |
| 6. Dr. Ritesh Chourasia | - | Member |
| Asst. Professor, University Department of Physics | | |
| L.N.M.U, Darbhanga | | |
| 7. Development Officer | - | Member |
| L.N. M.U., Darbhanga | | Secretary |

The Cell will held periodic meeting to formulate definite plan of action to promote research and innovation activities in the university.

Sd/-
REGISTRAR

Memo No.: Dev. 978-986/17

Date: 22.10.2017

Copy forwarded to -

1. Persons concerned.
2. Secretary to the VC/PA to the Registrar, L. N. Mithila University, Darbhanga for information and necessary action



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Paper-I

Research Methodology

Full Marks: 100

Duration of Examination: 2 Hours

Questions shall consist of 3 parts:

Part-A : Short Questions (06 in number of which 04 to be answered, each carrying 10 marks) = 40

Part-B : Long Answer Question (04 to be asked of which 02 to be answered, each carrying 30 marks) = 60

1. Introduction to Research: What is Research; Why is Research Conducted; Stages in Research; Changing Nature and Expanding Scope of Research; Why Research Methodology.
2. Introduction to Major Research Methods: Natural Observation; Historical Research; Ethnographic Research; Cross-Sectional Study; Longitudinal Study; Cohort Study; Case Study; Correlational Research; Action Research; Quantitative and Qualitative Research; theoretical research, applied research and empirical research; Experimental Research: Cause and Effect Relationships, Hypothesis in Experiments, Principles of Experimentation, Classification of Experiments, Experimental Design, Requirements of a Good Experiment; Reasoning in Research : Introduction to Logical Terms; Evidences; Inductive and Deductive Reasoning; Fallacious Reasoning; Formal and Informal Fallacies; Common Fallacies.
3. Research Design: Study designs in quantitative research; Study designs in qualitative research; Other commonly used philosophy-guided designs; Choice of Variables; Constructing hypotheses, Mechanisms and Design for Data Collection; Collection of Primary Data: Observation, Interview, questionnaire and schedule Sample Surveys and Designed Experiments, Estimation without Sampling, Methods of data collection in qualitative research; Collection of Secondary Data; Data Integration; Using Publications and the Library; Using Academic Databases: Search Engines, Citation Indexes and Citation Analysis, Government of India Initiatives for

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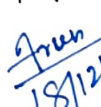
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Knowledge Management- INFLIBNET: e-ShodhSindhu, Shodhganga, ShodhGangotri, and N-List Projects.

4. Data analysis: Statistical analysis; Thematic analysis; Analysing narrative; Discourse analysis; Content analysis; Grounded Theory; Using computers in data analysis.
5. Ethics and Related Issues in Research: Concepts in Ethics in Research; Intellectual Property Rights; Scientific Values: Needed a Code of Conduct; Fraud and Misconduct in Science; Plagiarism: What is Plagiarism, Acknowledge Sources Appropriately, Paraphrasing, Direct and Indirect Quotations, Plagiarism Checking: ShodhShuddhi, UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018, LNMU Plagiarism Policy and Regulations-2018.
6. Writing a Research Proposal: Introduction; The research problem; Objectives of the study; Hypotheses to be tested; Study design; Measurement procedures; Analysis of data; Structure of the report; Problems and limitations.
7. The Structure of a Thesis: Thesis Vs Dissertation; Parts of a Thesis; Preliminary Pages of a Thesis: Title Pages, Certificate Pages, Acknowledgements, Table of Contents, List of Tables, List of Figures, Dedication; The Subject Proper: Introduction, Review of Literature, Materials and Methods, Results, Analysis/ Discussion, Summary/Conclusion, References, Appendixes; The Abstract; Formatting Requirements of a Thesis: Margins, Page Numbering, Design and Formatting of Chapters, Numbering the Sections, Lay-Out of Tables, Language and Style, Typeface and Fonts, Paper and Text Spacing; Thesis Editing.


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