Name of the Course	**Basic Research Methods for Information Professional**
Course Code	BAS-505
Credit Hours	3
Objectives	1. To learn basic research skills while conducting research process. 2. To get overview of the basic research terminologies. 3. To identify popular research designs and methods. 4. To get basic understanding about ethical principles of research. 5. To practically learn data analysis techniques.
Contents	**Unit-I Introduction to research** 1.1 What is research? 1.2 Research process 1.3 Basic research terminologies 1.4 Types of research **Unit-II How to conduct literature review** 2.1 Information seeking and retrieval 2.2 Keyword development and mind mapping 2.3 Critical analysis 2.4 Synthesis **Unit-III Identifying research problem** 3.1 Researchable and non-researchable topics 3.2 Realistic and feasible research topics 3.3 Identifying gap of literature **Unit-IV Understanding research questions and hypotheses** 4.1 Identification of researchable and non-researchable research questions 4.2 Development **Unit-V Research designs and popular research methods** 5.1 Qualitative research design 5.2 Quantitative research design 5.3 Survey method 5.4 Case study **Unit-VI Sampling techniques** 6.1 Types 6.2 Application **Unit-VII Data collection techniques** 7.1 Questionnaires 7.2 Interviews **Unit-VIII Data Analysis Ethical principles of research** 8.1 Qualitative analysis 8.2 Quantitative analysis 8.3 Ethical considerations

Teaching & Learning Strategies	A combination of lecturing, presentations, and discussions will be used to conduct the course. Students will be expected to read extensively ahead of each class session and actively participate in discussions and practical work.
Assignments	Research Project (25 marks)
Recommended Reading Material	Beck, S. E., & Manuel, K. (2008). *Practical research methods for librarians and information professionals*. New York: Neal-Schuman Publishers. Connaway, L. S., & Powell, R. R. (2010). *Basic research methods for librarians*. Santa Barbara: Libraries Unlimited Connaway, L. S., & Radford, M. L. (2016). *Research methods in library and information science*. Santa Barbara: Libraries Unlimited. Guthrie, G. (2010). *Basic research methods: An entry to social science research*. Los Angeles: Sage Publications Patten, M. L., & Newhart, M. (2017). *Understanding research methods: An overview of the essentials*. New York: Routledge. Pickard, A. J. (2013). *Research methods in information*. London: Facet Publishing Walliman, N. (2017). *Research methods: The basics*. New York: Routledge.

Assessment and Examinations:

Sr.#	Elements	Weightage	Details
1	Midterm Assessment	35%	Written test (at the mid-point of the semester)
2	Formative Assessment	25%	Assignment, presentation and quiz
3	Final Assessment	40%	Written test (at the end of the semester)