

**Deen Dayal Upadhyaya Gorakhpur University,
Gorakhpur**



Syllabus
for
Ph.D. Course Work
in
Defence & Strategic Studies
2024 – 2025

**Department of Defence & Strategic Studies
Faculty of Science
Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur**

Course Nature	Course Code	Core Courses	Credit
Compulsory Course	DSS 600	Research Publication and Ethics	02
	DSS 601	Research Methodology	05
	DSS 602	Research Approaches in Defence and Strategic Studies	05

DSS -600	Research Publication and Ethics	Credit : 02
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Course Objective:

This will be a common syllabus which is to be prepared by the university.

DSS -601	Research Methodology	Credit : 05
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Course Objective:

The objective of the course is to make students knowledgeable about the research process and to enable them to pursue research work competently.

UNIT- 1

1. Meaning, objectives and types of research.
2. Research methods.
3. Research cycle and development of research plan.

UNIT- 2

1. Synopsis designing and formulation
2. Research Problem: definition, necessity and selection of research problem.
3. Hypothesis: meaning, types and characteristics.

UNIT- 3

1. Review of literature: Utility and methods.

2. Data collection: collection, classification and graphical presentation of data.
3. Research writing, reference and bibliography.

UNIT-4

1. Working with MS-Word: introduction, preparing word document.
2. Working with MS-Excel and Power Point: introduction and application.
3. Use of internet and search engines: introduction and application.

UNIT-5

1. Intellectual Property Rights (IPR): introduction.
2. Types of IPR; patents, copyrights and trademarks.
3. Importance of application of IPR.

Suggested Readings:

1. Garg, B.L., Karadia, R. Agarwal, F. & Agarwal, U.K., 2002. An Introduction to Research methodology, RBSA Publishers.
2. Kothari, C.R., 1990. Research Methodology: Methods and Techniques. New Age International, .
3. Day, R.A., 1992. How to write and publish a Scientific paper, Cambridge University Press.
4. Fink, A., 2009. Conducting Research Literature Reviews: From the internet to paper, Sage Publications.
5. Saxena, V.P., 2013. Lecture Notes on Research Methodology, Indra Publishing House.
6. Beall, J., 2012- Predatory publishers are corrupting open access. Nature, 489 (7415)
7. Sinha, P.K. & Sinha, Priti , Computer Fundamentals, BPB Publications.

Course Outcome:

1. Student would gain knowledge about fundamentals of research methodology.
2. It will develop understanding of the basic framework of research process.
3. Would skill student to identify various sources of research problem and data collection.
4. It will develop understanding of the formulations of research topic, research questions, hypotheses and research design.
5. Would develop understanding of the techniques of data collection, data analysis and data interpretation.
6. Acquire competencies in reviewing literature, applying various methods for collecting primary and secondary data, analysing collected data, developing hypothesis, drawing inferences from data analysis and report writing.

DSS-602	Research Approaches in Defence and Strategic Studies	Credit- 5
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Course Objective

Objective of this course proposed under Pre-PhD course work is to make the student aware of currently trending research method and innovation in the field of Defence and Strategic Studies so that Research Scholar can conduct their research work in an articulated manner.

UNIT- 1

1. Research methods in Defence and War Studies.

UNIT- 2

2. Public Policy analysis in Defence and Strategic Studies

UNIT- 3

3. Sociological methods in Defence and Strategic Studies

UNIT- 4

4. Database for Defence and Strategic Studies

UNIT- 5

5. Researching public opinion on security and defence policy

Suggested Readings:

1. Delphine Deschaux- Dutard (Eds), Research Methods in Defence Studies, Routledge, New York, 2021
2. Caneinas H., Castro, C (Eds), Qualitative Methods in Military Studies, Routledge, London, 2011
3. Bryman A., Social Research Methods, Oxford University Press, 2016
4. Galbreath D, Deni J.R. (Eds), Routledge Handbook of Defence Studies, London, 2018
5. Alden, C, Aron A, Foreign Policy Analysis: New Approaches, Oxon, Routledge, London, 2012