

GUIDELINES

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Synopsis

by

Ph.D Scholars



LINGAYA'S VIDYAPEETH

FARIDABAD

**INFLUENCE OF INSECTICIDES ON DEFENCE RELATED ENZYMES
AND CARBOHYDRATE METABOLISM IN AMERICAN COTTON**

SYNOPSIS

submitted to

Lingaya's Vidyapeeth

in the partial fulfillment for the

Degree of

Doctor of Philosophy

in

Physics

by

Hemant Kumar (MSFT002)



Department of Physics

School of Basic & Applied Sciences

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Name of the Student (Capital letters) : SANGEETA SHARMA
Registration Number : MHNS005
Major Subject : Physics
Name of Major Advisor : Dr M S Mahal (Professor of Physics)
Name of Department : Department of Physics
Name of College : School of Basic & Applied Sciences

1. **Title:** The title should be in capital letters. It should be concise, specific and reflect the proposed research programme as given below

INFLUENCE OF INSECTICIDES ON DEFENCE RELATED ENZYMES AND CARBOHYDRATE METABOLISM IN AMERICAN COTTON

2. **Introduction:** This section (comprising 2-3 pages) should highlight the scope and significance of the proposed research work along with the knowledge gaps and objectives of the study under separate sub-heads.

3. **Expected new knowledge:** Likely outcome of the study should be mentioned here.

4. **Review of literature:** An up-to-date and comprehensive review of relevant literature indicating history and developments of the proposed of research problem should be given.

5. **Technical programme:** The experiments should be planned in accordance with the objectives under the following sub-heads:

- i) Name of the experiment
- ii) Location: Field / Lab
- iii) Methodology
- iv) Observations to be recorded

v) Statistical analysis

6. **Collaboration (if any):** The consent of the Head of the Collaborating Department should be taken and nature of the collaboration be specified, if any.

7. **References:** List all the references in alphabetical order, giving all authors with initials after respective surname, year, full title of paper, abbreviated name of journal, volume and pages. Abbreviate all journals as in Chemical Abstracts, Biological Abstracts or World List of Scientific Periodicals.

Example: Kaur N, Sohal B S and Singh N (2011) Biochemical and physiological changes on *Bacillus thuringiensis* cotton after imidacloprid foliar spray. *Pestic Bioch Phys.* **99:** 2840–2846

Signature of the Student