

Government PG College for Women Rohtak
Department Of Botany



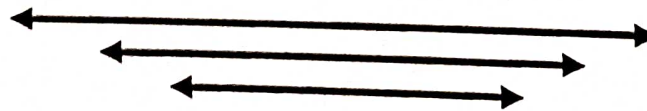
Field/Project Work Out Come


Aristotle wrote: "for the things we have to learn before we can do them, we learn by doing them." And we believe in "Give the pupils something to do, not something to learn; and the doing is of such a nature as to demand thinking; learning naturally results."

During field work students are motivated to do various processes/Experiential learning that involve effort, mistakes, reflection, and refinement of strategies. Properly dried, pressed and identified plant specimens are placed in thin paper folds (specimen covers) which are kept together in thicker paper folders and finally they are incorporated into the **herbarium** in their proper position according to a well known system of classification which leads to powerful personal learning experiences and engage learners to connect "what is learned to what is felt". It makes learning relevant and meaningful.

- Plant specimen collection and herbarium preparation serves as an invaluable conservatory of plant material of flora, collected from different parts of the campus and native places of students. Thus, they provide at one place, basic material for study of flora and vegetation of different places or regions.
- Since it serves as a permanent record of flora of those regions, collections in the herbarium provide evidence of the vegetation of a region, which may be destroyed due to some natural catastrophes.
- The specimens in the herbarium are advised to add data on their labels. These include data on habitat, habit, local names, colour of flowers or other characters of the plant, native uses of the plant, abundance or frequency of the species, associated plants, etc.
- Such data provides valuable material for proper morphological description and range of variation of a similar plant collected from a different region, range of distribution and variation in its uses in different places. Thus, a herbaria provide data for botanical, ethno-botanical and phytogeographical studies.
- The herbarium serves as an aid in teaching botany to students in institutions where a herbarium prepared and maintained by students, as it helps a teacher to show his students a plant specimen which may not be available fresh at the time of giving the course. It also helps students to identify local plants collected by them.

Every year students are required to preserve and submit various specimens as mentioned in their syllabi which lead to deep learning and they are able to address increasingly complex topics and begin to engage in design, problem-solving skills as well as Initiative and persistence. To contribute now and in the future, young people deserve experiential learning—community connected challenges that result in sustainable development of nation and world at large.




Veenu Sachdev

Govt. P.G. College for Women, Rohtak

Project on :- JPM

Submitted to :-

Dr. Radha Rathee

Submitted by :- Syoti Verma
B.Sc. Med. Final year

College Roll No. - 2188420080

Univ. Roll No. - 3164243

Certificate

This is to certify that the content of this project entitled "Integrated Pest management" by Jyoti Verma is the bonafide work of her submitted to Govt. P.G. College for Women, Rohtak for consideration in partial fulfillment of the requirement of UGC, Delhi. "The original work was carried out by her under my supervision in the academic year 2020-2021 on the basis of the declaration made by her. I report this project for evaluation.

Certified by :
Dr. Radha Rathore

REPORT



Name- Anjali
Roll No. - 2188420218
Class - B.Sc. (Med.) - III
Subject - Zoology
Uni. Roll No. - 2164189
Submitted to :
Dr. Radha Rathee

CERTIFICATE

This is to certify that Anjali Nehra of class B.Sc.(Med.)-III year has successfully completed this zoology report on the topic "Integrated Pest Management" prescribed by Dr. Radha Rathee, during session 2020-21.

CERTIFICATE

AND

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my teacher Dr. Radha Rathee who gave me the golden opportunity to do this wonderful work of Parental 'Integrated Pest Management', who also helped me in doing a lot of research & I came to know about so many new things. I am really thankful to her.

Secondly, I would also like to thank my parent & friends, who helped me a lot in finishing this work within the limited time. I am making this, not only for marks but to also increase my knowledge.



Govt. College For Women, Rohitak

Class - B.Sc. (Med.) - III year

Roll No. - 2188420218

Subject - Zoology

Topic - Integrated Pest Management

Submitted By:

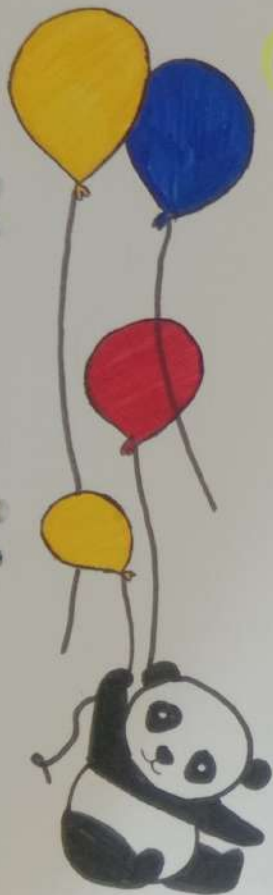
ANJALI

Submitted To:

Dr. RADHAA

RATHEE

UNI. ROLLNO. - 3164169



Govt. P. G. College For Women

Zoology Assignment

Topic :- Integrated Pest Management

Submitted To :- DR. RADHA RATHEE

Submitted By :- SAKSHI B.Sc.-III (M)

Class
Roll No. :- 2188420198

UNI.
Roll No. :- 3164407

ACKNOWLEDGEMENT

It is not possible to prepare a project Report without Assistance of other people. On the way outset of this Report, I would like to extend my sincere obligations towards all the Personages who helped me in the endeavor. Without their active guidance, help and cooperation and encouragement, I would not have made headway in the project.

I am extremely thankful and pay my gratitude to my Zoology Teacher **Dr. Radha Rathor** for her valuable guidance.

I also acknowledge with deep sense of reverence towards my Parents who have always supported me morally as well as Economically.



THANKING YOU

CHHAVI

Certificate


This is to certify that this assignment of subject Zoology on the topic Integrated Pest Management has been prepared by Sakshi of class, B.Sc-III(Medical) and Roll no.- 2188420198 under the guidance of teacher, DR. RADHA RATHEE in the session 2020-2021

Teacher's Signature

Acknowledgement

I would like to express my special thanks of gratitude to my Zoology teacher, DR. RADHA RATHEE for her able guidance and support in completing this assignment of Integrated Pest Management.

This assignment helped me learn a lot of new things and acquire so much knowledge. I would like to thank my parents, friends and classmates as each one of them helped me in making my project. It was really wonderful for me to complete this project (assignment).

THANK YOU! 



INTEGRATED PEST MANAGMEN

SUBMITTED To:-
DR. RADHA RATEE

SUBMITTED By:-
HIMANSHI
UJAS ROLL NO. :- 2183420169
UNI. ROLL NO. :- 3164228

Certificate

This is to certify that Himanshi student of class - BSc (Medical) Final Year has successfully completed her assignment on topic Integrated Pest Management under the guidance of Dr. Radha Rathie.

External Examiner

Radha
Dr. Radha Rathie
(Department of
Zoology)

Acknowledgement

In the accomplishment of this assignment successfully, many people have best owed upon me and their heart pledged support, this time I am utilising to thank all the people who have been concerned with this assignment.

Primarily, I would like to thank God for being able to complete this project, Then I would like to thank my professor Dr. Radha Rathie, whose valuable guidance has helped me to patch this assignment. Her suggestions and instructions has served as the major contributor towards completion of the assignment.

Then, I would like to thank my parents and friends who have helped me with their valuable suggestions and guidance.

Himanshi
(class roll No.: 2138420169
BSc (Medical) Final Year

ZOOLOGY PROJECT

TOPIC -

INTEGRATED PEST MANAGEMENT



Submitted By -

- Aastha -

- 2188420161

- Univ Roll- 3164157

CERTIFICATE

This is to certify that Arashta student of
B.Sc Medical 3rd year has successfully
completed the Zoology project on the topic
Integrated Pest Management (IPM).

Zoology

Govt. P.G. College for Women, Rohtak

Project on :- JPM

Submitted to :- Dr. Radha Rathee

Submitted by :- Syoti Verma
B.Sc. Med. Final year

College Roll No. - 2188420080

Univ. Roll No. - 3164243

Govt. P.G COLLEGE FOR WOMEN

ZOOLOGY REPORT

ON

INTEGRATED PEST MANAGEMENT (IPM)

Session - 2020 to 21

SUBMITTED To:

Dr. Radha Rathee

SUBMITTED BY:

CHHAVI

Bsc (M) 3rd Year

Class Roll No. 2188420195

Univ Roll - 3164206

Certificate

This is to certify that the content of this project entitled "Integrated Pest management" by Tyoti Verma is the bonafide work of her submitted to Govt. P.G. College for Women, Rohtak for consideration in partial fulfillment of the requirement of UGC, Delhi.

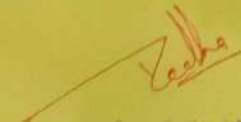
"The original work was carried out by her under my supervision in the academic year 2020-2021 on the basis of the declaration made by her. I report this project for evaluation.

Zeelka
Certified by :
Dr. Radha Rathore

CERTIFICATE

THIS IS TO CERTIFY THAT CHHAVI OF
CLASS BSC (M) 3rd Year HAVING CLASS ROLL NO.
2188420195 AND UNIVERSITY ROLL NO. 3164206
HAS SUCCESSFULLY COMPLETED ZOOLOGY REPORT ON
TOPIC INTEGRATED PEST MANAGEMENT. UNDER
GUIDANCE OF ZOOLOGY PROFESSOR Dr. Radha Rathee
DURING ACADEMIC YEAR 2020-21.

EXTERNAL EXAMINER
SIGNATURE


TEACHER SIGNATURE

Department of Zoology -
Student strength and details of Field Work,
Project Report - (2020-21)

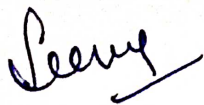
| | | | |
|-----------|----------------------|-----|---|
| 2020-2021 | 1 st Sem. | 194 | <ul style="list-style-type: none"> ➤ Parasitic adaptation from Protozoa to Helminthes ➤ DNA types , structure and its model preparation ➤ Survey diversity of particular Family/ Taxa in your surroundings area ➤ Microscopy: Principles, and its significance ➤ Staining Technichques and their significance |
| | 2 nd Sem. | 191 | <ul style="list-style-type: none"> ➤ Survey diversity of particular Family/ Taxa in your surroundings' area ➤ Vermicomposting: Earthworm, rearing and economics of the project. ➤ Apiculture: Rearing of bees and honey production. ➤ Evolutionary significance of larvae belonging to different groups of invertebrates. |

Veery

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|-----------|----------------------|-----|---|
| 2020-2021 | 3 rd Sem. | 160 | <ul style="list-style-type: none">• Migration in Fishes• Ornamental fishes |
| | 4 th Sem. | 160 | <ul style="list-style-type: none">• Parental care in Amphibians• Dentition in Mammals• Migration of Birds• Survey of Diversity |

Seemy

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|-----------|----------------------|-----|---|
| 2020-2021 | 5 th Sem. | 134 | <ul style="list-style-type: none">• Pearl Culture• Prawn Culture• Visit to fish breeding center- Lake/Reservoir |
| | 6 th Sem. | 134 | <ul style="list-style-type: none">• Apiculture• Sericulture |



Dr. Seema Jain

Associate Professor in Zoology