**PROJECT DETAILS OF MAJOR STUDENT OF B.Sc. ZOOLOGY (SESSION 2023-24)**

**Total No. of students -- 8**

 **STUDENT`S NAME TOPIC**

1. Amreesh Cell Division (Mitosis & Meiosis)

2. Anjali Circadian Rhythm

3. Diva Dixit Structure and Functions of Cells & Cell Organelles

6. Priya Yadav Mendelian Inheritance

4. Khushi Yadav Biocontrol of Insect Pests

5. Niharika Singh Molecular Analysis of Genetic Diseases

7. Shalini Pal Effects of Climate Change

8. Shubansh Singh Morphological Taxonomy & DNA Barcoding

**Importance of Major Projects in Zoology**

**ABOUT** – A Zoology major project a solid foundation in the field of Biological Sciences, and allows the students to focus on specific areas of interest. It can be helpful in the following ways: -

1. **Understand the Impact of Animals on the Environment** - Zoology projects help the students to study how animals interact with the environment and how these interactions can affect the ecosystem. This can help the students to identify the threats to animals and their habitats, and develop ways to protect them.
2. **Learn about Animal Behaviour** - These projects can help the students to understand how animals function and behave, which can help them to devise ways for the better well-being of animals in farms.
3. **Developing a Better Understanding of Oneself** – These projects also allow the students to study about themselves, and how they are affected by their surrounding environment.
4. **Contribute to Conservation Efforts** – These projects also help the students to learn about the various conservation efforts being undertaken by the scientific community, and various international organisations and governments.
5. **Learn about Diseases that Affect Animals and Humans** – These projects also help the students to learn about various deadly diseases that affect the human population, and find ways for their cure and redressal.
6. **Pursue a Career in Life Sciences** – A Zoology major project can help prepare students to seek and pursue the careers of their choice in various disciplines of Zoology and related sciences.

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