**CURRICULUM PLAN (Aug.-Dec, 2024)**

**Vikash yadav**

Subject- **Apiculture (SEC; Practical)**

Class**- B. Sc. Zoology Sem. I**

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| **Date** | **Contents** |
| 23/09/2024 | **Study of morphological structures of honey bee through permanent slides/photographs- mouth parts, antenna, wings, legs (antenna cleaner, mid leg, pollen basket), sting apparatus** |
| 30/09/2024 | **Study of the life history of honey bee, *Apis cerana indica* and *Apis mellifera* from specimen/ photographs - Egg, larva, pupa, adult (queen, drone, worker)** |
| 07/10/2024 | **Study of natural bee hive and identification of queen cells, drone cells and brood** |
| 14/10/2024 | **Study of artificial hive** **(Langstroth/Newton), its various parts** **and beekeeping equipment** |
| 21/10/2024 | **Permanent/temporary mount of pollen grains from flowers** |
| 28/10/2024 | **Analysis of honey- purity, biochemical analysis** |
| November- December | * **Revision** * **Viva** * **Mock Practical Examination** |