POLBA MAHAVIDYALAYA

Departmental Lesson Plan 2024-2025

Name of the Department: **Department of Botany**

Name of the Programme: **B.Sc General under CBCS and NEP (3 Year Major and Minor under CCFUP)**

Name of the Course: (Subject): **Botany**

Period of the Lesson Plan: 2nd JULY2024 TO 30TH JUNE 2025

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Academic periods** | **Class** | **Paper** | **Topic to be covered** | **No. of Lectures** | **Name of the Teachers** | **Date of internal**  **Assessment** |
|  | **SEM-I**  **(NEP)** | **BOTN1011**  **(Major)** | **PLANT DIVERSITY AND EVOLUTION** | **58** | Dr.A.Banerjee  Dr.S.Mazumdar  S.Seal  T.Ghosh | 3RD WEEK OF DECEMBER,2024 |
| **BOTN1051**  **(SEC)** | **BIOFERTILIZER** | **50** | Dr.S.Mazumdar  T.Ghosh | 3rd WEEK OF DECEMBER,2024 |
| **BOTN1021**  **(Minor)** | **PLANT DIVERSITY AND EVOLUTION** | **61** | Dr.A.Banerjee  Dr.S.Mazumdar  S.Seal  T.Ghosh | 3RD WEEK OF DECEMBER,2024 |
|  |  |  |  |  |  |
| **JULY’24 TO JAN’25** |  |  |  |  |  |
| **BOTN1031**  **(Multi-Botany)** | **BIODIVERSITY AND ITS CONSERVATION** | **50** | Dr.S.Mazumdar  S.Seal | 3RD WEEK OF DECEMBER,2024 |
|  |  |  |  |  |  |
|  | **SEM-III (NEP)** | **BOTN 3011(Major)** | **MICROBIOLOGY** | **60** | Dr.S.Mazumdar  Dr.A.Banerjee  S.Seal | 2NDWEEK OF DECEMBER,  2024 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  | **BOTN 3012(Major)** | **ARCHEGONIATE** | **60** | Dr.A.Banerjee  S.Seal  T.Ghosh | 2ND WEEK OF DECEMBER,2024  2ND WEEK OF DECEMBER,2024  2ND WEEK OF DECEMBER,2024 |
|  |  | **BOTN 3031 (Multidisciplinary botany)**  **BOTN 3051(SEC)** | **PLANT BIOTECHNOLOGY**  **MEDICINAL BOTANY** | **56**  **60** | Dr.A.Banerjee  Dr.S.Mazumdar  S.Seal  T.Ghosh  Dr.A.Banerjee  Dr.S.Mazumdar  S.Seal  T.Ghosh |
|  | **SEM-V (CBCS)** | **DSE1ATH**  **DSE1APR** | **ECONOMIC BOTANY &BIOTECHNOLOGY** | **60** | Dr.A.BANERJEE  Dr.S.Mazumdar | 1ST WEEK OF DECEMBER,2024 |
|  |  |  |  |  | S.Seal |
|  |  |  |  |  | T.Ghosh |
| **FEB’25**  **To**  **JUN 25** | **SEM-II** | **BOTN2011**  **(Major)** | **BIOMOLECULES AND CELL BIOLOGY** | **60** | Dr.A.BANERJEE  Dr.S.Mazumdar  S.Seal  T.Ghosh | 2ND WEEK OF MAY,2025 |
|  | **(NEP)** | **BOTN2051**  **(SEC)** | **ORGANIC CULTIVATION AND PROTECTED AGRICULTURE** | **40** | Dr.S.Mazumdar  T.Ghosh. | 2ND WEEK OF MAY,2025 |
| **BOTN2021**  **(Minor)** | **BIOMOLECULES AND CELL BIOLOGY.** | **68** | Dr.A.BANERJEE  Dr.S.Mazumdar  S.Seal  T.Ghosh. | 2ND WEEK OF MAY,2025 |
| **BOTN 2031**  **(Multi-Botany)** | **MEDICINAL PLANTS AND PHYTOCHEMISTRY** | **40** | Dr.S.Mazumdar  S.Seal. | 2ND WEEK OF MAY,2025 |
|  |  |  |  |  |  |
|  | **SEM-IV** | **BOTN 4011 (MAJOR)** | **PHYCOLOGY** | **60** | Dr.A.BANERJEE | 2ND WEEK OF MAY,2025 |
|  | **(NEP)** |  |  |  |  |
|  |  |  | 2ND WEEK OF MAY,2025 |
|  |  | **BOTN 4012 (MAJOR)** | **MYCOLOGY** | 40 | T. Ghosh  Dr.S.Mazumdar |
| **BOTN 4013 (MAJOR)** | **PLANT PATHOLOGY** | 60 | Dr.A.BANERJEE  S.Seal. | 2ND WEEK OF MAY,2025 |
| **BOTN 4021 (MINOR)** | **PLANT PHYSIOLOGY AND METABOLISM** | 52 | Dr.A.BANERJEE  S.Seal.  T. Ghosh  Dr.S.Mazumdar | 2ND WEEK OF MAY,2025 |
|  | **SEM-VI (CBCS)** | **DSE-1BTH**  **DSE-1BPR** | **CELL BIOLOGY, GENETICS and MOLECULARBIOLOGY** | **60** | Dr.A.BANERJEE  Dr.S.Mazumdar  S.Seal | 1ST WEEK OF MAY,2025 |
|  |  |  |  |  | T.Ghosh |
|  |  | **SEC-4** | **MEDICINAL BOTANY** | **30** | T.GHOSH | 1ST WEEK OF MAY,2025 |
|  |  |  |  |  | Dr.S.Mazumdar |