

Rajarshi Shahu Mahavidyalaya, Latur



(Autonomous)

Department of Biotechnology

Structured Work Plan for Teaching

Academic Year 2021-22 (Term I)

1. Details of Classes to be taught

| Sr. No | Class | Name of Teacher | Subject | Paper | Total Lectures |
|--------|-----------------|-------------------|---------------|--------------------------------------|----------------|
| 1. | B.Sc. III Sem V | Dr. S.S. Kulkarni | Biotechnology | U-RET-627 Recombinant DNA Technology | 45 (3 Credit) |

2. Summary of Lesson

| Sr. No | Unit and chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No. of Test/ Assignment with topic and date |
|--------|---|--------------------------|--------------------------|-------------------------------------|---|
| 1. | Unit I : Principles of Gene cloning | 12 | 02.08.2021 to 17.08.2021 | Carrier Guidance | |
| 2 | Unit II : r- DNA Techniques | 10 | 18.08.2021 to 16.09.2021 | Guest Lecture | Unit Test - I |
| 3 | Unit III : Library construction and screening | 11 | 20.09.2021 to 11.10.2021 | Quize | |
| 4 | Unit IV : Applications of r- DNA technology | 12 | 12.10.2021 to 26.11.2021 | Guest Lecture | Unit Test - II |

Date : 02.08.2021


Course Teacher


Head
Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 53


Principal
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Rajarshi Shahu Mahavidyalaya, Latur
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Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2021-22 (Term II)

1. Details of Classes to be taught

| Sr. No | Class | Name of Teacher | Subject | Paper | Total Lectures |
|--------|------------------|-------------------|---------------|---------------------------------------|----------------|
| 1. | B.Sc. III Sem VI | Dr. S.S. Kulkarni | Biotechnology | U-COB-705 Computational Biotechnology | 45 (3 Credit) |

2. Summary of Lesson

| Sr. No | Unit and chapter to be covered | Expected No. of Lectures | Date | Academic activities to be organized | No. of Test/ Assignment with topic and date |
|--------|--|--------------------------|--------------------------|-------------------------------------|---|
| 1. | Unit I : Introduction to bioinformatics and data generation | 12 | 02.02.2022 to 12.03.2022 | Guest Lecture | |
| 2 | Unit II : Biological Database and its Types Introduction to data types and Source. | 10 | 14.03.2022 to 13.04.2022 | | Unit Test -I |
| 3 | Unit III : Sequence Alignments and Visualization | 11 | 15.04.2022 to 14.05.2022 | Quiz | |
| 4 | Unit IV : Introduction to Genomics and Proteomics | 12 | 18.05.2022 to 27.05.2022 | Carrier Guidance | Unit Test II |

Date : 02.02.2022


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