



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Class: - B. Voc. MLT First Year

Semester:-I

Paper Code & Title:- BMLT 106 Hematology

Subject Teacher:-Ms.Sonphule S.S.

Sr.No.	Date	Day	Topic
			UNIT I
			1. Hematological Disorders
1	25-Aug-22	Thursday	Classification of Anemia
2	26-Aug-22	Friday	Iron Deficiency Anemia
3	27-Aug-22	Saturday	Distribution of body Iron, Iron Absorption
4	1-Sep-22	Thursday	causes of iron deficiency, lab findings
5	2-Sep-22	Friday	Megaloblastic Anemia :Causes, Lab findings
6	3-Sep-22	Saturday	Hemolytic Anemia,Definition, causes
7	8-Sep-22	Thursday	Hemolytic Anemia,Definition, causes
8	9-Sep-22	Friday	Classification & lab findings
9	10-Sep-22	Saturday	Bone Marrow :Cell composition of normal adult
10	15-Sep-22	Thursday	Bone Marrow :Cell composition of normal adult
11	16-Sep-22	Friday	Aspiration, Indication, Preparation & Staining
12	17-Sep-22	Saturday	Aspiration, Indication, Preparation & Staining
13	22-Sep-22	Thursday	Special Stain for Bone Marrow -Periodic Acid
14	23-Sep-22	Friday	Special Stain for Bone Marrow -Periodic Acid
15	24-Sep-22	Saturday	Schiff, Sudan Black, Myeloperoxidase
16	29-Sep-22	Thursday	Leukemia :Classification, Blood Picture
17	30-Sep-22	Friday	Leukemia :Classification, Blood Picture
18	1-Oct-22	Saturday	Differentiation of Blast Cells

2. Basic Hematological Techniques

19	6-Oct-22	Thursday	Characteristics of good technician
20	7-Oct-22	Friday	Preparation of specimen collection material
21	8-Oct-22	Saturday	Lab. request form
22	13-Oct-22	Thursday	Drawing a blood specimen by veinipuncture
23	14-Oct-22	Friday	Complications of veinipuncture.
24	15-Oct-22	Saturday	Patient after care
25	20-Oct-22	Thursday	Specimen rejection criteria for blood specimen
26	3-Nov-22	Thursday	Hemolysis of blood
27	4-Nov-22	Friday	Blood collection by skin puncture
28	5-Nov-22	Saturday	Arterial puncture



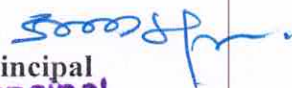


SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

29	10-Nov-22	Thursday	Deciding specimen types and selection
30	11-Nov-22	Friday	Anticoagulant- EDTA, Citrate,
31	12-Nov-22	Saturday	Oxalate, Heparin, sodium fluoride
32	17-Nov-22	Thursday	Separation of serum
33	18-Nov-22	Friday	Separation of plasma
34	19-Nov-22	Saturday	Changes in blood on keeping
35	24-Nov-22	Thursday	Maintenance of specimen identification
36	25-Nov-22	Friday	Transport of the specimen.
37	26-Nov-22	Saturday	Effect of storage on Blood Cell Morphology
38	1-Dec-22	Thursday	Universal precautions
39	2-Dec-22	Friday	Revision Unit I
40	3-Dec-22	Saturday	Revision Unit II


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

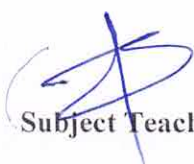
Class: - B. Voc. MLT Second Year

Semester:-III


Paper Code & Title:-BMLT 305 Medical Pathology I

Subject Teacher:- Ms.Sonphule S.S.

Sr.No.	Date	Day	Topic
Unit-1 Bacterial infection			
1	25-Aug-22	Thursday	Etiology, pathogenesis
2	26-Aug-22	Friday	Clinical features,
3	27-Aug-22	Saturday	laboratory diagnosis & epidemiology
4	1-Sep-22	Thursday	treatment and prophylaxis - Cholera
5	2-Sep-22	Friday	treatment and prophylaxis - Cholera
6	3-Sep-22	Saturday	Typhoid
Unit – 2 Bacterial infection			
7	8-Sep-22	Thursday	Etiology, pathogenesis
8	9-Sep-22	Friday	Clinical features,
9	10-Sep-22	Saturday	laboratory diagnosis & epidemiology
10	15-Sep-22	Thursday	treatment and prophylaxis - Diphtheria
11	16-Sep-22	Friday	Pulmonary Tuberculosis
12	17-Sep-22	Saturday	Pulmonary Tuberculosis
13	22-Sep-22	Thursday	Syphilis
14	23-Sep-22	Friday	Syphilis
Unit- 3 Viral infections			
15	24-Sep-22	Saturday	AIDS
16	29-Sep-22	Thursday	AIDS
17	30-Sep-22	Friday	Hepatitis A and B only
18	1-Oct-22	Saturday	Hepatitis A and B only
19	6-Oct-22	Thursday	Respiratory infections
20	7-Oct-22	Friday	Respiratory infections
21	8-Oct-22	Saturday	Respiratory infections
Unit 4 Infection by other Microorganisms			
22	13-Oct-22	Thursday	Malaria.
23	14-Oct-22	Friday	Malaria.
24	15-Oct-22	Saturday	Candidiosis
25	20-Oct-22	Thursday	Candidiosis
26	3-Nov-22	Thursday	Candidiosis


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Class: - B. Voc. MLT Third Year

Semester:- V

Paper Code & Title:- BMLT 504 Histopathology & Cytopathology

Subject Teacher:- Ms .Sonphule S.S.

Sr. No.	Date	Day	Topic
			Unit 1 :- Histopathology
1	25-Aug-22	Thursday	Importance of histopathology
2	26-Aug-22	Friday	Importance of histopathology
3	27-Aug-22	Saturday	Cell, tissue and their functions
4	1-Sep-22	Thursday	Cell, tissue and their functions
5	2-Sep-22	Friday	Methods of specimen collection
6	3-Sep-22	Saturday	Methods of specimen collection
7	8-Sep-22	Thursday	Examination of tissues and cells
8	9-Sep-22	Friday	Examination of tissues and cells

Unit 2 :- : Tissues Fixative

9	10-Sep-22	Saturday	Simple Fixative and their properties
10	15-Sep-22	Thursday	Simple Fixative and their properties
11	16-Sep-22	Friday	Micro anatomical fixative
12	17-Sep-22	Saturday	Micro anatomical fixative
13	22-Sep-22	Thursday	Histochemical fixatives
14	23-Sep-22	Friday	Histochemical fixatives

Unit 3: Section Cutting

15	24-Sep-22	Saturday	Microtome and microtome knives
16	29-Sep-22	Thursday	Sharpening and care
17	30-Sep-22	Friday	Technique of section cutting
18	1-Oct-22	Saturday	Mounting of sections,
19	6-Oct-22	Thursday	Frozen sections and Cryostat
20	7-Oct-22	Friday	Staining
21	8-Oct-22	Saturday	Dyes and their properties
22	13-Oct-22	Thursday	Theory of staining
23	14-Oct-22	Friday	Types of staining, Basic staining
24	15-Oct-22	Saturday	Hematoxylin and Eosin
25	20-Oct-22	Thursday	Common special stains
26	3-Nov-22	Thursday	PAS, Masson trichrome
27	4-Nov-22	Friday	Fleugens, Geimsa, PTAH





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Unit 4 : CYTOPATHOLOGY

28	5-Nov-22	Saturday	Cytology and cytopathology
29	10-Nov-22	Thursday	Method of specimen collection
30	11-Nov-22	Friday	Gynaecological samples
31	12-Nov-22	Saturday	Method of specimen collection
32	17-Nov-22	Thursday	Fixation and fixative. Common fixative
33	18-Nov-22	Friday	The Papanicolaou stain
34	19-Nov-22	Saturday	Preparation of stain and solutions
35	24-Nov-22	Thursday	Mounting of cell sample
36	25-Nov-22	Friday	Stains for histological sections
37	26-Nov-22	Saturday	Stains for hormonal evaluation,
38	1-Dec-22	Thursday	Stains for sex chromatin
39	2-Dec-22	Friday	Microorganism, parasites, carbohydrates
40	3-Dec-22	Saturday	Lipids and nucleic acid
41	8-Dec-22	Thursday	Revision
42	9-Dec-22	Friday	Revision
43	10-Dec-22	Saturday	Revision

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule



Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per plan	Syllabus Not Completed /Not Covered as per plan
1	B. Voc. MLT FY	BMLT 106 Hematology	25-Aug-22 to 27-Aug-22	UNIT I 1. Hematological Disorders Classification of Anemia. Iron Deficiency Anemia. Distribution of body Iron, Iron Absorption	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	25-Aug-22 to 27-Aug-22	Unit-1 Bacterial infection Etiology, pathogenesis, Clinical features, laboratory diagnosis & epidemiology (Typhoid)	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	25-Aug-22 to 27-Aug-22	Unit 1 :- Histopathology , Importance of histopathology. Cell, tissue and their functions.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	1-Sep-22 to 3-Sep- 22	Causes of iron deficiency, lab findings. Megaloblastic Anemia: Causes, Lab findings. Hemolytic Anemia, Definition, causes.	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	1-Sep-22 to 3-Sep- 22	Treatment and prophylaxis - Cholera Typhoid.	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	1-Sep-22 to 3-Sep- 22	Cell, tissue and their functions. Methods of specimen collection.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	8-Sep-22 to 10- Sep-22	Hemolytic Anemia, Definition, causes. Classification & lab findings. Bone Marrow: Cell composition of normal adult.	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	8-Sep-22 to 10- Sep-22	Unit – 2 Bacterial infection Etiology, pathogenesis Clinical features, laboratory diagnosis & epidemiology (Diphtheria)	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	8-Sep-22 to 10- Sep-22	Examination of tissues and cells Unit 2:- : Tissues Fixative Simple Fixative and their properties.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	15-Sep- 22 to 17- Sep-22	Bone Marrow :Cell composition of normal adult. Aspiration, Indication, Preparation & Staining	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	15-Sep- 22 to 17- Sep-22	Treatment and prophylaxis – Diphtheria. Pulmonary Tuberculosis	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	15-Sep- 22 to 17- Sep-22	Simple Fixative and their properties Micro anatomical fixative. Micro anatomical fixative	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. 75
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	22-Sep- 22 to 24- Sep-22	Special Stain for Bone Marrow -Periodic Acid Schiff, Sudan Black, Myeloperoxidase	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Patholgy I	22-Sep- 22 to 24- Sep-22	Syphilis. Unit- 3 Viral infections: AIDS	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	22-Sep- 22 to 24- Sep-22	Histochemical fixatives Unit 3: Section Cutting : Microtome and microtome knives	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	29-Sep-22 to 1-Oct-22	Leukemia: Classification, Blood Picture. Differentiation of Blast Cells.	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	29-Sep-22 to 1-Oct-22	AIDS, Hepatitis A and B	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	29-Sep-22 to 1-Oct-22	Sharpening and care, Technique of section cutting, Mounting of sections,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	6-Oct-22 to 8-Oct-22	2. Basic Hematological Techniques Characteristics of good technician Preparation of specimen collection material Lab. request form	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	6-Oct-22 to 8-Oct-22	Respiratory infections	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	6-Oct-22 to 8-Oct-22	Frozen sections and Cryostat, Staining. Dyes and their properties	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	13-Oct-22 to 15-Oct-22	Drawing a blood specimen by veinipuncture. Complications of veinipuncture. Patient after care. Unit 4 Infection by other Microorganisms Malaria. Candidiosis	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	13-Oct-22 to 15-Oct-22		Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	13-Oct-22 to 15-Oct-22	Theory of staining, Types of staining, Basic staining ,Hematoxylin and Eosin	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason Yes
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	20-Oct-22	Specimen rejection criteria for blood specimen	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	20-Oct-22	Candidiosis	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	20-Oct-22	Common special stains	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan, Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	3-Nov-22 to 5-Nov-22	Hemolysis of blood Blood collection by skin puncture. Arterial puncture	Completed
2.	B. Voc. MLT SY	BMLT 305 Medical Pathology I	3-Nov-22 to 5-Nov-22	Candidiosis	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	3-Nov-22 to 5-Nov-22	PAS, Masson trichrome, Fleugens, Geimsa, PTAH, Unit 4 : CYTOPATHOLOGY Cytology and cytopathology	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

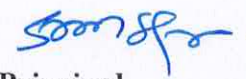
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	10-Nov-22 to 12-Nov-22	Deciding specimen types and selection Anticoagulant- EDTA, Citrate, Oxalate, Heparin, sodium fluoride	Completed
2.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	10-Nov-22 to 12-Nov-22	Method of specimen collection, Gynaecological samples, Method of specimen collection	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	17-Nov-22 to 19-Nov-22	Separation of serum Separation of plasma Changes in blood on keeping.	Completed
2.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	17-Nov-22 to 19-Nov-22	Fixation and fixative. Common fixative The Papanicolaou stain Preparation of stain and solutions.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

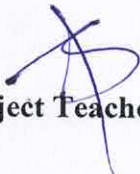
Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

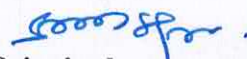
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 106 Hematology	24-Nov-22 to 26-Nov-22	Maintenance of specimen identification Transport of the specimen. Effect of storage on Blood Cell Morphology	Completed
3.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	24-Nov-22 to 26-Nov-22	Mounting of cell sample. Stains for histological sections Stains for hormonal evaluation,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT SY	BMLT 106 Hematology	1-Dec-22 to 3-Dec-22	Universal precautions , Revision Unit I & Revision Unit II	Completed
2.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	1-Dec-22 to 3-Dec-22	Stains for sex chromatin, Microorganism, parasites, carbohydrates, Lipids and nucleic acid	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)


Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

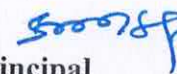
Sr. No.	Class	Subject/Paper Name	Week & Month	Syllabus Completed / Covered as per plan	Syllabus Not Completed / Not Covered as per plan
2.	B. Voc. MLT TY	BMLT 504 Histopathology & Cytopathology	5-Dec-22 to 7-Dec-22	Revision	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Class:-M.Sc. Biotechnology Second Year

Semester:-III

Paper Code & Title:-BT – XI Plant Biotechnology

Subject Teacher:- Ms.Sonphule S.S.

Sr. No.	Date	Day	Topic
Unit-I: Plant Tissue Culture			
1	22-Aug-22	Monday	Structure and organization of PTC
2	23-Aug-22	Tuesday	Tissue culture media
3	24-Aug-22	Wednesday	Callus and suspension culture
4	25-Aug-22	Thursday	Somatic embryogenesis
5	29-Aug-22	Monday	Shoot tip culture, Protoplast culture
6	30-Aug-22	Tuesday	Embryo culture and embryo rescue
7	1-Sep-22	Thursday	Anther, Pollen and Ovary culture
8	5-Sep-22	Monday	Cryopreservation
9	6-Sep-22	Tuesday	DNA banking for germ plasm conservation
10	7-Sep-22	Wednesday	Application of tissue culture technology

Unit-II: Transgenic Crops

11	8-Sep-22	Thursday	Crops with resistance to biotic stresses
12	12-Sep-22	Monday	Viruses, fungal and bacterial diseases
13	13-Sep-22	Tuesday	Abiotic stresses
14	14-Sep-22	Wednesday	Terminator technology
15	15-Sep-22	Thursday	Ecological risk assessment of GM CROPS
16	19-Sep-22	Monday	Ecological risk assessment of GM CROPS

Unit-III: Microbes for Sustainable Agriculture

17	20-Sep-22	Tuesday	N ₂ fixing bacteria as microbial bio fertilizers
18	21-Sep-22	Wednesday	Symbiotic and non-symbiotic bacteria
19	22-Sep-22	Thursday	Microbial inoculants for sustainable agriculture
20	26-Sep-22	Monday	Microorganisms
21	27-Sep-22	Tuesday	Physiology and Production technology
22	28-Sep-22	Wednesday	Cyanobacteria
23	29-Sep-22	Thursday	Plant growth promoting rhizobacteria
24	3-Oct-22	Monday	Phosphate solubilizing microorganisms
25	4-Oct-22	Tuesday	Mycorrhizae





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Unit IV molecular markers & Plant Pathology

26	6-Oct-22	Thursday	Molecular marker aided breeding
27	10-Oct-22	Monday	RFLP
28	11-Oct-22	Tuesday	RAPD
29	12-Oct-22	Wednesday	Microsatellites
30	13-Oct-22	Thursday	AFLP
31	17-Oct-22	Monday	Classification of Plant Diseases
32	18-Oct-22	Tuesday	Plant Diseases: Causative agent
33	19-Oct-22	Wednesday	Mechanism of Action & Control Measures
34	20-Oct-22	Thursday	Chemical and Biological control

Unit-IV: Bio pesticides and IPM

35	31-Oct-22	Monday	Biological control
36	1-Nov-22	Tuesday	Plant bio pesticides
37	2-Nov-22	Wednesday	Botanicals & microorganisms pest control
38	3-Nov-22	Thursday	Biopesticides v/s chemical pesticides
39	7-Nov-22	Monday	Bt-based bio pesticides
40	9-Nov-22	Wednesday	Baculoviruses
41	10-Nov-22	Thursday	Trichoderma
42	14-Nov-22	Monday	Integrated Pest Management (IPM)
43	15-Nov-22	Tuesday	Status and future needs
44	16-Nov-22	Wednesday	Revision Unit I
45	17-Nov-22	Thursday	Revision Unit II
46	21-Nov-22	Monday	Revision Unit III
47	22-Nov-22	Tuesday	Revision Unit IV


Subject Teacher


Head of Department


Principal
**Swami Vivekanand
Mahavidyalaya, Udgir**





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

Class:-M.Sc. Microbiology Second Year

Semester:-III

Paper Code & Title:-MB 302 Recombinant DNA Technology

Subject Teacher:-Ms.S.S.Sonphule

Sr.No.	Date	Day	Topic
			Unit-I Basic tools of R - DNA Technology
1	22-Aug-22	Monday	Enzymes used with their types
2	23-Aug-22	Tuesday	Nucleases
3	24-Aug-22	Wednesday	Endonucleases
4	25-Aug-22	Thursday	Nomenclature & classification of type II
5	29-Aug-22	Monday	DNA ligation
6	30-Aug-22	Tuesday	DNA Manipulating enzymes
7	1-Sep-22	Thursday	Cloning Vectors
8	5-Sep-22	Monday	Plasmids
9	6-Sep-22	Tuesday	Cosmids, Phasmids
10	7-Sep-22	Wednesday	YACs, BACs, PACs
11	8-Sep-22	Thursday	Animal virus derived vectors
12	12-Sep-22	Monday	Expression vectors
13	13-Sep-22	Tuesday	Integrative vectors
14	14-Sep-22	Wednesday	Gene probes
15	15-Sep-22	Thursday	DNA and RNA probes

Nucleic acid amplification, Sequencing

16	19-Sep-22	Monday	Polymerase Chain Reaction (PCR)
17	20-Sep-22	Tuesday	Primer design, fidelity
18	21-Sep-22	Wednesday	DNA polymerase
19	22-Sep-22	Thursday	PCR and its applications
20	26-Sep-22	Monday	PCR based mutagenesis
21	27-Sep-22	Tuesday	PCR in molecular diagnostics
22	28-Sep-22	Wednesday	Viral and bacterial detection
23	29-Sep-22	Thursday	Methods of nucleic acid detection
24	3-Oct-22	Monday	Sequencing methods
25	4-Oct-22	Tuesday	Chemical DNA sequencing
26	6-Oct-22	Thursday	Automated DNA sequencing
27	10-Oct-22	Monday	RNA sequencing
28	11-Oct-22	Tuesday	DNA sequencing
29	12-Oct-22	Wednesday	Methods of nucleic acid hybridization





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – WINTER 2022

30	13-Oct-22	Thursday	Southern blotting
31	17-Oct-22	Monday	Northern blotting
32	18-Oct-22	Tuesday	DNA fingerprinting
33	19-Oct-22	Wednesday	Chromosome walking and jumping

Unit- III Cloning & Screening methodologies

34	20-Oct-22	Thursday	Insertion of foreign DNA
35	31-Oct-22	Monday	Transformation, Transfection
36	1-Nov-22	Tuesday	Chemical and Physical method
37	2-Nov-22	Wednesday	Microinjection, electroporation
38	3-Nov-22	Thursday	Gene transfer
39	7-Nov-22	Monday	Cloning and expression in yeast
40	9-Nov-22	Wednesday	Plant transformation technology
41	10-Nov-22	Thursday	Ti and Ri plasmids
42	14-Nov-22	Monday	Mechanism of DNA transfer
43	15-Nov-22	Tuesday	cDNA and genomic cloning
44	16-Nov-22	Wednesday	Construction of cDNA
45	17-Nov-22	Thursday	Hybridization

Unit-IV Applications of R-DNA technology

46	21-Nov-22	Monday	Applications of recombinant DNA In medicine
47	22-Nov-22	Tuesday	Agriculture,Forensic& veterinary sciences
48	23-Nov-22	Wednesday	Engineering microbes for the production
49	24-Nov-22	Thursday	Human genetic engineering and Gene therapy
50	28-Nov-22	Monday	Science and the constitution
51	29-Nov-22	Tuesday	Revision Unit I
52	30-Nov-22	Wednesday	Revision Unit II
53	1-Dec-22	Thursday	Revision Unit III
54	5-Dec-22	Monday	Revision Unit IV

Subject Teacher

Head of Department

Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences


Teacher Name: - Ms. Sonal S. Sonphule

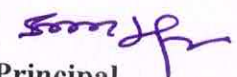
Sr.No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	M.Sc. Biotechnology SY Sem -III	BT – XI Plant Biotechnology	22-Aug- 22 to 25- Aug-22	Unit-I: Plant Tissue Culture Structure and organization of PTC, Tissue culture media, Callus and suspension culture, Somatic embryogenesis.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	22-Aug- 22 to 25- Aug-22	Unit-I Basic tools of R - DNA Technology Enzymes used with their types, Nucleases, Endonucleases, Nomenclature & classification of type II.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason -
- 3) Syllabus going ahead as per plan, Reason -
- 4) Remarks of Principal: - -


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem -III	BT – XI Plant Biotechnology	29-Aug- 22 to 1- Sep-22	Shoot tip culture, Protoplast culture , Embryo culture and embryo rescue, Anther, Pollen and Ovary culture.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	29-Aug- 22 to 1- Sep-22	DNA ligation, DNA Manipulating enzymes, Cloning Vectors	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan yes
- 2) Syllabus not completed / Covered as per plan. Reason -
- 3) Syllabus going ahead as per plan, Reason -
- 4) Remarks of Principal: - -

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

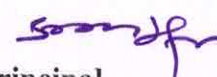
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem - III	BT – XI Plant Biotechnology	5-Sep-22 to 8-Sep-22	Cryopreservation , DNA banking for germ plasm conservation, Application of tissue culture technology. Unit-II: Transgenic Crops Crops with resistance to biotic stresses.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	5-Sep-22 to 8-Sep-22	Plasmids , Cosmids, Phasmids, YACs, BACs, PACs, Animal virus derived vectors,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason -
- 3) Syllabus going ahead as per plan, Reason -
- 4) Remarks of Principal: - -


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



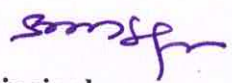
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem - III	BT – XI Plant Biotechnology	12-Sep-22 to 15-Sep-22	Viruses, fungal and bacterial diseases , Abiotic stresses, Terminator technology, Ecological risk assessment of GM CROPS.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	12-Sep-22 to 15-Sep-22	Expression vectors, Integrative vectors, Gene probes, DNA and RNA probes.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem - III	BT – XI Plant Biotechnology	19-Sep-22 to 22-Sep-22	Ecological risk assessment of GM CROPS Unit-III: Microbes for Sustainable Agriculture N2 fixing bacteria as microbial bio fertilizers, N2 fixing bacteria as microbial bio fertilizers. Symbiotic and non- symbiotic bacteria, Microbial inoculants for sustainable agriculture.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	19-Sep-22 to 22-Sep-22	Nucleic acid amplification, Sequencing Polymerase Chain Reaction (PCR) Primer design, fidelity DNA polymerase PCR and its applications,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

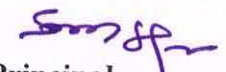
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem - III	BT – XI Plant Biotechnology	26-Sep-22 to 29-Sep-22	Microorganisms, Physiology and Production technology, Cyanobacteria, Plant growth promoting rhizobacteria.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	26-Sep-22 to 29-Sep-22	PCR based mutagenesis, PCR in molecular diagnostics, Viral and bacterial detection, Methods of nucleic acid detection.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason →
- 3) Syllabus going ahead as per plan, Reason →
- 4) Remarks of Principal: - →


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

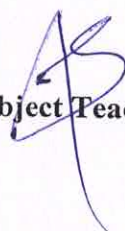
Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnology	3-Oct-22 to 6-Oct- 22	Phosphate solubilizing microorganisms, Mycorrhizae, Unit IV molecular markers & Plant Pathology Molecular marker aided breeding	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	3-Oct-22 to 6-Oct- 22	Sequencing methods, Chemical DNA sequencing, Automated DNA sequencing.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason Yes
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

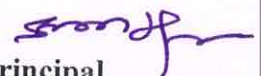
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnolog y	10-Oct-22 to 13-Oct-22	RFLP , RAPD, Microsatellites, AFLP	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	10-Oct-22 to 13-Oct-22	RNA sequencing, DNA sequencing, Methods of nucleic acid hybridization, Southern blotting.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnolog y	17-Oct-22 to 20-Oct-22	Classification of Plant Diseases , Plant Diseases: Causative agent, Mechanism of Action & Control Measures, Chemical and Biological control.	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	17-Oct-22 to 20-Oct-22	Northern blotting, DNA fingerprinting, Chromosome walking and jumping, Unit- III Cloning & Screening methodologies Insertion of foreign DNA.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan _____
- 2) Syllabus not completed / Covered as per plan. Reason Yes
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal: - _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/No t Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnolo gy	31-Oct-22 to 3-Nov-22	Unit-IV: Bio pesticides and IPM Biological control, Plant bio pesticides, Botanicals & microorganisms pest control, Biopesticides v/s chemical pesticides	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinan t DNA Technology		Transformation, Transfection, Chemical and Physical method, Microinjection, electroporation, Gene transfer.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnolo gy	7-Nov-22 to 10-Nov-22	Bt-based bio pesticides Baculoviruses, Trichoderma	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinan t DNA Technology	7-Nov-22 to 10-Nov-22	Cloning and expression in yeast, Plant transformation technology, Ti and Ri plasmids.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnology	14-Nov-22 to 17-Nov-22	Integrated Pest Management (IPM) Status and future needs, Revision Unit I Revision Unit II	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	14-Nov-22 to 17-Nov-22	Mechanism of DNA transfer, cDNA and genomic cloning, Construction of cDNA, Hybridization.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan _____
- 2) Syllabus not completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal: - _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Microbiology First Year Semester:-I	BT – XI Plant Biotechnology	21-Nov-22 to 24-Nov- 22	Revision Unit III Revision Unit IV	Completed
2.	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	21-Nov-22 to 24-Nov- 22	Unit-IV Applications of R-DNA technology Applications of recombinant DNA In medicine, Agriculture,Forensic& veterinary sciences, Engineering microbes for the production, Human genetic engineering and Gene therapy.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan _____
- 2) Syllabus not completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal: - _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

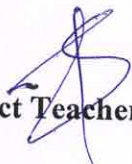
Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule


Sr.No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	M.Sc. Microbiology Second Year Semester:-III	MB 302 Recombinant DNA Technology	28-Nov-22 to 1-Dec-22	Science and the constitution Revision Unit II Revision Unit III Revision Unit IV	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan Yes
- 2) Syllabus not completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal: - —

Subject Teacher 

Head of Department 

Principal 
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

Class: - B. Voc.MLT First Year

Semester: - II

**Paper Code & Title:-BMLT 204 Advance Laboratory Science Techniques
& Testing Process**

Subject Teacher:-Ms.S.S.Sonphule

Sr.No.	Date	Day	Topic
UNIT - I			
1	16-Jan-23	Monday	Samples to be taken in medical laboratory
2	17-Jan-23	Tuesday	Sample Handling,
3	18-Jan-23	Wednesday	Blood sample collection
4	23-Jan-23	Monday	Method of blood sample collection
5	24-Jan-23	Tuesday	Samples other than blood samples
6	25-Jan-23	Wednesday	Procedure of sample transportation

UNIT II

7	30-Jan-23	Monday	Laboratory planning,
8	31-Jan-23	Tuesday	laboratory operations,
9	8-Feb-23	Wednesday	Care of laboratory glassware
10	13-Feb-23	Monday	Equipment and instruments
11	14-Feb-23	Tuesday	Specimen Handling
12	15-Feb-23	Wednesday	Disinfection & Sterilization of rubber goods
13	20-Feb-23	Monday	Laboratory equipment & other instruments

UNIT III

14	21-Feb-23	Tuesday	Method of Observing and reporting
15	22-Feb-23	Wednesday	Sample and report collection
16	27-Feb-23	Monday	Pathologists and other members of the team
17	28-Feb-23	Tuesday	Verbally informing the person in authority,

UNIT IV

18	1-Mar-23	Wednesday	Chemicals/reagents useful in sample analysis
19	6-Mar-23	Monday	Maintaining record of inventory
20	8-Mar-23	Wednesday	Test results
21	13-Mar-23	Monday	Test results
22	14-Mar-23	Tuesday	Availability of medical supplies
23	15-Mar-23	Wednesday	Availability of medical supplies
24	20-Mar-23	Monday	Diagnostic kits
25	21-Mar-23	Tuesday	Diagnostic kits






SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

26	27-Mar-23	Monday	Laboratory safety
27	28-Mar-23	Tuesday	Laboratory safety
28	29-Mar-23	Wednesday	Revision Unit I
29	3-Apr-23	Monday	Revision Unit II
30	5-Apr-23	Wednesday	Revision Unit III
31	10-Apr-23	Monday	Revision Unit IV


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

Class: - B. Voc.MLT Second Year

Semester: - IV

Paper Code & Title:-BMLT 402 Biomedical Waste Management

Subject Teacher:-Ms.S.S.Sonphule

Sr.No.	Date	Day	Topic
			Unit 1 :- Healthcare Waste & Biomedical Waste
1	19-Jan-23	Thursday	Definitions, Classification
2	20-Jan-23	Friday	Steps involved in Bio-medical Waste Management
3	21-Jan-23	Saturday	Bio Medical Waste Segregation,
4	27-Jan-23	Friday	Color Coding and Type of Container/ Bags
5	28-Jan-23	Saturday	Storage of Biomedical Waste
6	9-Feb-23	Thursday	Bio Medical Waste Collection
7	10-Feb-23	Friday	Collection, Packaging, Labeling, Interim Storage
8	11-Feb-23	Saturday	In House Transportation
9	16-Feb-23	Thursday	Central Storage for HCFs

Unit 2:- Segregation, Treatment & Disposal Of BMW

10	17-Feb-23	Friday	Treatment Option for Bio-medical Waste
11	23-Feb-23	Thursday	Yellow Category, Red Category,
12	24-Feb-23	Friday	White Category, Blue Category
13	25-Feb-23	Saturday	Spill Management Procedures
14	2-Mar-23	Thursday	Standards for Treatment and Disposal
15	3-Mar-23	Friday	Standards for Incineration
16	4-Mar-23	Saturday	Operating and Emission Standards
17	9-Mar-23	Thursday	Sterilization

Unit 3:- BMW Management

18	10-Mar-23	Friday	Responsibility, Out Reach Activities
19	11-Mar-23	Saturday	Responsibility, Out Reach Activities
20	16-Mar-23	Thursday	BMW Management At Outreach
21	17-Mar-23	Friday	BMW Management At Outreach
22	18-Mar-23	Saturday	Occasional Waste Generators
23	23-Mar-23	Thursday	Occasional Waste Generators





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

Unit 4 :- Management Requirements

24	24-Mar-23	Friday	Role of Health Care Facility
25	25-Mar-23	Saturday	Responsibility of the Healthcare Facility
26	31-Mar-23	Friday	Authorization
27	1-Apr-23	Saturday	HCFs Not Under Agreement with CBWTF
28	6-Apr-23	Thursday	Reporting to State Pollution Control Board
29	8-Apr-23	Saturday	Annual Reporting. Accident Reporting.
30	13-Apr-23	Thursday	Revision
31	15-Apr-23	Saturday	Revision


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

Class: - B. Voc.MLT Third Year

Semester: - VI

Paper Code & Title:-BMLT- 604 Hematology - III

Subject Teacher:-Ms.S.S.Sonphule

Sr.No.	Date	Day	Topic
			Unit 1:
1	19-Jan-23	Thursday	Definition and classification of anaemias
2	20-Jan-23	Friday	Definition and classification of anaemias
3	21-Jan-23	Saturday	Laboratory investigation for megaloblasticaemia,
4	27-Jan-23	Friday	Laboratory investigation for megaloblasticaemia,
5	28-Jan-23	Saturday	Laboratory investigation for iron deficiency anaemia
6	9-Feb-23	Thursday	Laboratory investigation for iron deficiency anaemia
7	10-Feb-23	Friday	Laboratory investigation for haemolyticaemia
8	11-Feb-23	Saturday	Laboratory investigation for haemolyticaemia

Unit 2 :

9	16-Feb-23	Thursday	Leukemia: definition and classification
10	17-Feb-23	Friday	Leukemia: definition and classification
11	23-Feb-23	Thursday	Cytochemical staining procedures
12	24-Feb-23	Friday	Laboratory test for assessing bleeding disorders
13	25-Feb-23	Saturday	Laboratory test for assessing bleeding disorders
14	2-Mar-23	Thursday	Laboratory investigation for DIC
15	3-Mar-23	Friday	Laboratory investigation for DIC

Unit 3 :

16	4-Mar-23	Saturday	Mechanism of fibrinolysis
17	9-Mar-23	Thursday	Mechanism of fibrinolysis
18	10-Mar-23	Friday	Tests for fibrinolysis
19	11-Mar-23	Saturday	Platelet function tests
20	16-Mar-23	Thursday	Techniques available for cytogenetic studies
21	17-Mar-23	Friday	Techniques available for cytogenetic studies

Unit 4 :

22	18-Mar-23	Saturday	Use of Radioisotopes in haematology
23	23-Mar-23	Thursday	Use of Radioisotopes in haematology
24	24-Mar-23	Friday	Use of Radioisotopes in haematology
25	25-Mar-23	Saturday	Safety measures for handling Radioisotopes



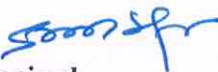


SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

26	31-Mar-23	Friday	Safety measures for handling Radioisotopes
27	1-Apr-23	Saturday	Safety measures for handling Radioisotopes
28	6-Apr-23	Thursday	Revision Unit I
29	8-Apr-23	Saturday	Revision Unit II
30	13-Apr-23	Thursday	Revision Unit III
31	15-Apr-23	Saturday	Revision Unit IV


Subject Teacher


Head Of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per plan	Syllabus Not Completed/ Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	16-Jan-23 to 18-Jan-23	UNIT - I Samples to be taken in medical laboratory Sample Handling. Blood sample collection.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	19-Jan-23 to 21-Jan-23	Unit 1 :- Healthcare Waste & Biomedical Waste Definitions, Classification Steps involved in Bio- medical Waste Management Bio Medical Waste Segregation,	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	16-Jan-23 to 18-Jan-23	Unit 1:- Definition and classification of anaemias. Definition and classification of anaemias Laboratory investigation for megaloblasticaemia.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	23-Jan-23 to 25-Jan-23	Method of blood sample collection Samples other than blood samples. Procedure of sample transportation.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	27-Jan-23 to 28-Jan-23	Color Coding and Type of Container/ Bags. Storage of Biomedical Waste.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	23-Jan-23 to 25-Jan-23	Laboratory investigation for megaloblastic anaemia. Laboratory investigation for iron deficiency anaemia.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	30-Jan-23 to 8-Feb-23	UNIT II - Laboratory planning, laboratory operations, Care of laboratory glassware	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	9-Feb-23 to 11-Feb-23	Bio Medical Waste Collection. Collection, Packaging, Labeling, Interim Storage. In House Transportation.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	30-Jan-23 to 8-Feb-23	Laboratory investigation for iron deficiency anaemia. Laboratory investigation for haemolyticaemia. Laboratory investigation for haemolyticaemia.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)


Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

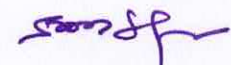
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	13-Feb-23 to 15-Feb-23	Equipment's & Instruments. Specimen Handling Disinfection & Sterilization of rubber goods.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	16-Feb-23 to 17-Feb-23	Central Storage for HCFs Unit 2:- Segregation, Treatment & Disposal Of BMW Treatment Option for Bio-medical Waste	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	16-Feb-23 to 17-Feb-23	Unit 2:- Leukemia: definition and classification. Leukemia: definition and classification	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	20-Feb-23 to 22-Feb-23	Laboratory equipment & other instruments. UNIT III Method of Observing and reporting. Sample and report collection.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	23-Feb-23 to 25-Feb-23	Yellow Category, Red Category, White Category, Blue Category Spill Management Procedures.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	20-Feb-23 to 22-Feb-23	Cytochemical staining procedures. Laboratory test for assessing bleeding disorders.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

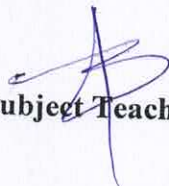
Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

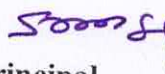
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	27-Feb-23 to 1-Mar-23	Pathologists and other members of the team. Verbally informing the person in authority. UNIT IV Chemicals/reagents useful in sample analysis.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	2-Mar-23 to 4-Mar-23	Standards for Treatment and Disposal. Standards for Incineration. Operating and Emission Standards.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	2-Mar-23 to 4-Mar-23	Laboratory investigation for DIC. Mechanism of fibrinolysis.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	6-Mar-23 to 8-Mar-23	Maintaining record of inventory. Test results	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	9-Mar-23 to 11-Mar-23	Sterilization. Unit 3:- BMW Management Responsibility, Out Reach Activities	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	9-Mar-23 to 11-Mar-23	Mechanism of fibrinolysis. Tests for fibrinolysis. Platelet function tests.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason Yes _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	13-Mar-23 to 15-Mar-23	Test results. Availability of medical supplies. Availability of medical supplies.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	16-Mar-23 to 18-Mar-23	BMW Management At Outreach. Occasional Waste Generators.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	6-Mar-23 to 8-Mar-23	Techniques available for cytogenetic studies. Unit 4 :Use of Radioisotopes in haematology	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

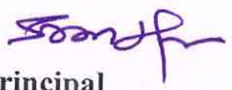
Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	20-Mar-23 to 21-Mar-23	Diagnostic kits. Diagnostic kits.	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	23-Mar-23 to 25-Mar-23	Occasional Waste Generators. Unit 4 :- Management Requirements. Role of Health Care Facility. Responsibility of the Healthcare Facility.	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	23-Mar-23 to 25-Mar-23	Use of Radioisotopes in haematology. Safety measures for handling Radioisotopes.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 204 Advance Laboratory Science Techniques & Testing Process	27-Mar-23 to 29-Mar-23	Laboratory safety Laboratory safety. Revision Unit I	Completed
2.	B. Voc. MLT SY	BMLT 402 Biomedical Waste Management	31-Mar-23 to 1-Apr-23	Authorization. HCFs Not Under Agreement with CBWTF	Completed
3.	B. Voc. MLT TY	BMLT- 604 Hematology - III	31-Mar-23 to 1-Apr-23	Safety measures for handling Radioisotopes	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. JS
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal. S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1	B. Voc. MLT FY	BMLT 203 Microbiology - II	10-Apr-23	Revision Unit IV	Completed
2.	B. Voc. MLT SY	BMLT 405 Microbial Physiology	13-Apr-23 to 15-Apr-23	Revision Revision	Completed
3.	B. Voc. MLT TY	BMLT - 601 R- DNA Technology	13-Apr-23 to 15-Apr-23	Revision Unit III Revision Unit IV	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason Yes
- 3) Syllabus going ahead as per plan, Reason Yes
- 4) Remarks of Principal:- Yes

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR

DEPARTMENT OF LIFE SCIENCES

TEACHING PLAN – SUMMER 2023

Class:- M.Sc. Biotechnology Second Year

Semester:-IV

Paper Code & Title:- BT - XVI: Environmental Biotechnology

Subject Teacher:- Ms.Sonphule S.S.

Sr.No.	Date	Day	Topic
UNIT -1: Ecology & Environment			
1	16-Jan-23	Monday	Interactions between environment and biota
2	17-Jan-23	Tuesday	Habitat and ecological niches
3	18-Jan-23	Wednesday	Energy flow, food chain
4	19-Jan-23	Thursday	Food web and trophic levels
5	23-Jan-23	Monday	Ecological pyramids and recycling,
6	24-Jan-23	Tuesday	N.P.C and S cycles in nature
7	25-Jan-23	Wednesday	Concepts and theories of evolution
8	30-Jan-23	Monday	Population ecology
9	31-Jan-23	Tuesday	Global environmental problems
10	8-Feb-23	Wednesday	Ozone depletion
11	9-Feb-23	Thursday	UV-B greenhouse effect
12	13-Feb-23	Monday	Acid rain
13	14-Feb-23	Tuesday	Impact in biotechnological approaches

UNIT – II Biofuels

14	15-Feb-23	Wednesday	Environmental Biotechnology and biofuels
15	16-Feb-23	Thursday	Biogas; bioethanol; biodiesel
16	20-Feb-23	Monday	Bio hydrogen
17	21-Feb-23	Tuesday	Description of the industrial processes involved
18	22-Feb-23	Wednesday	Microorganisms and biotechnological interventions
19	23-Feb-23	Thursday	Microbiologically enhanced oil recovery (MEOR)
20	27-Feb-23	Monday	Bioleaching of metals
21	28-Feb-23	Tuesday	Production of bioplastics
22	1-Mar-23	Wednesday	Production of bio surfactants
23	2-Mar-23	Thursday	Bio emulsifiers

UNIT – III: Environmental pollution

24	6-Mar-23	Monday	Types of pollutions
25	8-Mar-23	Wednesday	Methods for the measurement of pollution
26	9-Mar-23	Thursday	Methodology of environmental management
27	13-Mar-23	Monday	Air pollution and its control through Biotechnology





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

28	14-Mar-23	Tuesday	Water Pollution and control
29	15-Mar-23	Wednesday	Need for water management
30	16-Mar-23	Thursday	Measurement and sources water pollution
31	20-Mar-23	Monday	Kind of aquatic habitats, (fresh and marine)
32	21-Mar-23	Tuesday	Distribution and impact of environmental factors
33	23-Mar-23	Thursday	Aquatic biota, productivity
34	27-Mar-23	Monday	Mineral cycles and biodegradation
35	28-Mar-23	Tuesday	Aquatic ecosystems.

UNIT – IV: Waste water treatment

36	29-Mar-23	Wednesday	Waste water collection
37	3-Apr-23	Monday	Physico-chemical properties of water
38	5-Apr-23	Wednesday	Physical, chemical and biological treatment
39	6-Apr-23	Thursday	Activated sludge oxidation ditches, trickling filter,
40	10-Apr-23	Monday	Towers, rotating discs, rotating drums, oxidation ponds.
41	11-Apr-23	Tuesday	Anaerobic digestion
42	12-Apr-23	Wednesday	Treatment schemes for waste waters of dairy
43	13-Apr-23	Thursday	Coastal water systems and man-made reservoirs
44	17-Apr-23	Monday	Biology and ecology of reservoirs.

Unit V: Xenobiotic

45	18-Apr-23	Tuesday	Ecological considerations
46	19-Apr-23	Wednesday	Decay behavior and degradative plasmids
47	20-Apr-23	Thursday	Hydrocarbons, substituted hydrocarbons
48	24-Apr-23	Monday	Oil pollution, surfactants, pesticides
49	25-Apr-23	Tuesday	Bio pesticides in integrated pest management
50	26-Apr-23	Wednesday	Bioremediation of contaminated soils
51	27-Apr-23	Thursday	Solid waste: Sources and management

Subject Teacher

Head of Dept.

Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023

Class:- M.Sc. Microbiology Second Year

Semester:-IV

Paper Code & Title:- MB 401 Fermentation Technology

Subject Teacher:- Ms. Sonphule S.S.

Sr.No.	Date	Day	Topic
Unit-I Microbial Fermentations			
1	16-Jan-23	Monday	Metabolic pathways and metabolic control
2	17-Jan-23	Tuesday	Industrial production of citric acid
3	18-Jan-23	Wednesday	lactic acid
4	19-Jan-23	Thursday	Enzymes - alpha amylase
5	23-Jan-23	Monday	lipase, xylase
6	24-Jan-23	Tuesday	Pectinases, proteases
7	25-Jan-23	Wednesday	Acetone- butanol
8	30-Jan-23	Monday	Lysine and Glutamic acid
9	31-Jan-23	Tuesday	Alcoholic beverages
10	8-Feb-23	Wednesday	Distilled beverages Beer, Wine
Unit-II Microbial production of therapeutic compounds			
11	9-Feb-23	Thursday	Microbial production of therapeutic compounds
12	13-Feb-23	Monday	β -lactum
13	14-Feb-23	Tuesday	Minoglycosides
14	15-Feb-23	Wednesday	Ansamycines
15	16-Feb-23	Thursday	Peptide antibiotics
16	20-Feb-23	Monday	Biotransformation of steroids
17	21-Feb-23	Tuesday	Vit.B-12
18	22-Feb-23	Wednesday	Riboflavin fermentation
Unit- III Modern trends in microbial production			
19	23-Feb-23	Thursday	Production of bioplastics (PHB,PHA)
20	27-Feb-23	Monday	Bioinsecticides
21	28-Feb-23	Tuesday	Biopolymer- dextran
22	1-Mar-23	Wednesday	Alginates, xanthan, pullulan
23	2-Mar-23	Thursday	Biofertilizer
24	6-Mar-23	Monday	Nitrogen fixer Azotobacter
25	8-Mar-23	Wednesday	Phosphate solubilising microorganisms)
26	9-Mar-23	Thursday	Single cell protein production of biological
27	13-Mar-23	Monday	Weapons with reference to anthrax.
28	14-Mar-23	Tuesday	Useful features of biofuels
29	15-Mar-23	Wednesday	The substrate digester
30	16-Mar-23	Thursday	Biogas production





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
DEPARTMENT OF LIFE SCIENCES
TEACHING PLAN – SUMMER 2023


31	20-Mar-23	Monday	Bioethanol from sugar
32	21-Mar-23	Tuesday	Molasses, starch
33	23-Mar-23	Thursday	Cellulosic materials
34	27-Mar-23	Monday	Ethanol recovery
35	28-Mar-23	Tuesday	Microbial production of hydrogen gas
36	29-Mar-23	Wednesday	Biodiesel from hydrocarbons

Unit-IV Immobilization techniques, IPR and Patents

37	3-Apr-23	Monday	Some industrial techniques
38	5-Apr-23	Wednesday	Enzyme immobilization
39	6-Apr-23	Thursday	Application and advantages
40	10-Apr-23	Monday	Immobilization in pharmaceutical
41	11-Apr-23	Tuesday	Food and fine chemical industries
42	12-Apr-23	Wednesday	Intellectual Property Rights (IPR)
43	13-Apr-23	Thursday	Patents, Trademarks, copyrights,
44	17-Apr-23	Monday	Secrets, Patenting of biological materials
45	18-Apr-23	Tuesday	International cooperation Obligations with patent
46	19-Apr-23	Wednesday	Applications, implication of patenting
47	20-Apr-23	Thursday	Hybridoma technology
48	24-Apr-23	Monday	Patenting of higher plants and animals
49	25-Apr-23	Tuesday	Transgenic organisms and isolated genes
50	26-Apr-23	Wednesday	Patenting of genes and DNA sequences
51	27-Apr-23	Thursday	Plant breeders rights and farmers rights


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir





SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	16-Jan-23 to 19-Jan-23	UNIT -1: Ecology & Environment Interactions between environment and biota, Habitat and ecological niches, Energy flow, food chain, Food web and tropic levels	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	16-Jan-23 to 19-Jan-23	Unit-I Microbial Fermentations Metabolic pathways and metabolic control, Industrial production of citric acid, lactic acid, Enzymes - alpha amylase.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. JS
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	23-Jan-23 to 25-Jan-23	Ecological pyramids and recycling, N.P.C and S cycles in nature, Concepts and theories of evolution,	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	23-Jan-23 to 25-Jan-23	lipase, xylase, Pectinases, proteases, Acetone- butanol,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	30-Jan-23 to 9-Feb-23	Population ecology , Global environmental problems, Ozone depletion, UV-B greenhouse effect	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	30-Jan-23 to 9-Feb-23	Lysine and Glutamic acid, Alcoholic beverages, Distilled beverages Beer, Wine, Unit-II Microbial production of therapeutic compounds Microbial production of therapeutic compounds.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	13-Feb-23 to 16-Feb-23	Acid rain , Impact in biotechnological approaches, UNIT – II Biofuels Environmental Biotechnology and biofuels, Biogas; bioethanol; biodiesel	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	13-Feb-23 to 16-Feb-23	β -lactum, Minoglycosides, Ansamycines, Peptide antibiotics,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	27-Feb-23 to 2-Mar-23	Bioremediation of metals , Production of bioplastics, Production of bio surfactants, Bio emulsifiers	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	27-Feb-23 to 2-Mar-23	Bioinsecticides, Biopolymer- dextran, Alginates, xanthan, pullulan, Biofertilizer.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	6-Mar-23 to 9-Mar-23	UNIT – III: Environmental pollution Types of pollutions, Methods for the measurement of pollution, Methodology of environmental management	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	6-Mar-23 to 9-Mar-23	Nitrogen fixer Azotobacter, Phosphate solubilising microorganisms), Single cell protein production of biological,.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	13-Mar-23 to 16-Mar-23	Air pollution and its control through Biotechnology, Water Pollution and control, Need for water management, Measurement and sources water pollution.	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	13-Mar-23 to 16-Mar-23	Weapons with reference to anthrax. Useful features of biofuels, The substrate digester, Biogas production.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	20-Mar-23 to 23-Mar-23	Kind of aquatic habitats, (fresh and marine , Distribution and impact of environmental factors, Aquatic biota, productivity	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	20-Mar-23 to 23-Mar-23	Bioethanol from sugar Molasses, starch, Cellulosic materials.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule



Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	27-Mar-23 to 29-Mar-23	Mineral cycles and biodegradation , Aquatic ecosystems., UNIT – IV: Waste water treatment, Waste water collection	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	27-Mar-23 to 29-Mar-23	Ethanol recovery, Microbial production of hydrogen gas, Biodiesel from hydrocarbons.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason —
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23

Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences


Teacher Name: - Ms. Sonal S. Sonphule



Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	3-Apr-23 to 6-Apr-23	Physico-chemical properties of water , Physical, chemical and biological treatment, Activated sludge oxidation ditches, trickling filter,	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	3-Apr-23 to 6-Apr-23	Unit-IV Immobilization techniques, IPR and Patents Some industrial techniques, Enzyme immobilization, Application and advantages.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason Yes
- 3) Syllabus going ahead as per plan, Reason —
- 4) Remarks of Principal:- —


Subject Teacher


Head of Department


Principal
Principal
Swami Vivekanand
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	10-Apr-23 to 13-Apr-23	Towers, rotating discs, rotating drums, oxidation ponds. Anaerobic digestion, Treatment schemes for waste waters of dairy, Coastal water systems and man-made reservoirs	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	10-Apr-23 to 13-Apr-23	Immobilization in pharmaceutical, Food and fine chemical industries, Intellectual Property Rights (IPR), Patents, Trademarks, copyrights,	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. _____
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal

Principal
Swami Vivekananda
Mahavidyalaya, Udgir



SWAMI VIVEKANAND MAHAVIDYALAYA UDGIR
ACADEMIC YEAR 2022-23



Weekly Teaching Progress Report (Year 2022-23)

Department – Life Sciences

Teacher Name: - Ms. Sonal S. Sonphule

Sr. No.	Class	Subject/ Paper Name	Week & Month	Syllabus Completed/ Covered as per Plan	Syllabus Not Completed/Not Covered as per Plan
1.	M.Sc. Biotechnology SY Sem:-IV	BT - XVI: Environmental Biotechnology	24-Apr-23 to 27-Apr-23	Oil pollution, surfactants, pesticides, Bio pesticides in integrated pest management, Bioremediation of contaminated soils, Solid waste: Sources and management	Completed
2.	M.Sc. Microbiology SY Sem-IV	MB 401 Fermentation Technology	24-Apr-23 to 27-Apr-23	Patenting of higher plants and animals, Transgenic organisms and isolated genes, Patenting of genes and DNA sequences, Plant breeders rights and farmers rights.	Completed

Remarks:

- 1) Syllabus Completed / Covered as per plan. Yes
- 2) Syllabus Not Completed / Covered as per plan. Reason _____
- 3) Syllabus going ahead as per plan, Reason _____
- 4) Remarks of Principal:- _____

Subject Teacher

Head of Department

Principal
Principal
Swami Vivekananda
Mahavidyalaya, Udgir