

SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

(An ISO 9001:2015 & 14001:2015 Certified Institution)

(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

(Accredited by NAAC with "A" Grade) (Accredited by NBA for ECE, CSE, ISE, ME, EEE)

DEPARTMENT OF BIOTECHNOLOGY**Academic Year: 2022-23****COURSE FILE****INDEX****List of Documents**

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HOD

Head of the Department
 Dept. of Bio-Technology
 Sapthagiri College of Engineering
 No. 57/1, Chikkasandra
 Hesaraghatta Main Road
 Bangalore - 57

Principal

Sapthagiri College of Engineering
 15, Chikkasandra, Hesaraghatta Main Road
 Bengaluru - 560 057

VISION AND MISSION OF THE DEPARTMENT

VISION


To be a center of excellence in the field of Biotechnology equipped to create technically strong, ethically moral and global man power to endeavor for the welfare of mankind.

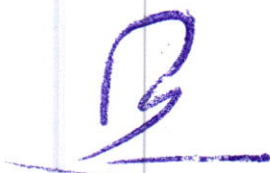
MISSION

M1. To impart innovative and value-added teaching with high research aptitude to forge connection between academia and industry

M2. To create awareness towards sustainable socio-ethical and environmental implications of biotechnological potentials.

M3. To develop new generation scholars and entrepreneurs in the field of Biotechnology to be instrumental in economic growth of the country.


Head of the Department
Dept. of Bio - Technology
Sapthagiri College of Engineering
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VISION AND MISSION OF THE INSTITUTE

VISION

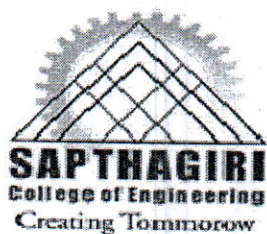
To be a best institution imparting **quality** engineering education to deal with **community** needs through **learning and performance**.

MISSION

- To **implement** path breaking student centric education methods.
- To augment talent, nurture **teamwork to transform to develop** individual as responsible citizen.
- To educate the students and faculties about entrepreneurship to meet vibrant **requirements of the society**.
- Strengthen **Industry-Institute Interaction** for knowledge sharing.

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DEPARTMENT OF BIOTECHNOLOGY

SUBJECT ALLOTMENT LETTER 2023-24 -ODD SEM

Name of the Faculty: **Dr. Seema S**

Designation: **Assistant Professor**

Allotted Theory Subjects:

Subject1	Subject Code	SEM	Subject 2	Subject Code	SEM	Subject 3	Subject Code	SEM	Signature of the Faculty
Social Connect and Responsibilities	BBT307	III	Unit operations	BBT302	III	Extraction methods and Herbal products	21BT582	V	

Allotted Labs:

Lab 1	Lab Code	SEM	Signature of the Faculty
Unit operations+ Lab	BBT302	III	
Bioprocess Engineering Laboratory	18BTL76	VII	

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BSCK307 – Social Connect & Responsibility 2022 Scheme & syllabus for 3rd sem		Semester	3 rd
Course Code	BSCK307	CIE Marks	100
Teaching Hours/Week (L:T:P: S)	0:0:3:1	SEE Marks	-----
Total Hours of Pedagogy	40 hour Practical Session +15 hour Planning	Total Marks	100
Examination nature (No SEE – Only CIE)	For CIE Assessment - Activities Report Evaluation by College NSS Officer / HOD / Sports Dept / Any Dept.		
Credits	01 - Credit		

Course objectives: The course will enable the students to:

1. Provide a formal platform for students to communicate and connect to the surrounding.
2. create a responsible connection with the society.
3. Understand the community in general in which they work.
4. Identify the needs and problems of the community and involve them in problem –solving.
5. Develop among themselves a sense of social & civic responsibility & utilize their knowledge in finding practical solutions to individual and community problems.
6. Develop competence required for group-living and sharing of responsibilities & gain skills in mobilizing community participation to acquire leadership qualities and democratic attitudes.

General Instructions - Pedagogy :

These are sample Strategies, which teachers can use to accelerate the attainment of the various course outcomes.

1. In addition to the traditional lecture method, different types of innovative teaching methods may be adopted so that the activities will develop students' theoretical and applied social and cultural skills.
2. State the need for activities and its present relevance in the society and Provide real-life examples.
3. Support and guide the students for self-planned activities.
4. You will also be responsible for assigning homework, grading assignments and quizzes, and documenting students' progress in real activities in the field.
5. Encourage the students for group work to improve their creative and analytical skills.

Contents :

The course is mainly activity-based that will offer a set of activities for the student that enables them to connect with fellow human beings, nature, society, and the world at large.

The course will engage students for interactive sessions, open mic, reading group, storytelling sessions, and semester-long activities conducted by faculty mentors.

In the following a set of activities planned for the course have been listed:

Social Connect & Responsibility - Contents**Part I:****Plantation and adoption of a tree:**

Plantation of a tree that will be adopted for four years by a group of BE / B.Tech students. (ONE STUDENT ONE TREE)

They will also make an excerpt either as a documentary or a photo blog describing the plant's origin, its usage in daily life, its appearance in folklore and literature -- Objectives, Visit, case study, report, outcomes.

Part II :**Heritage walk and crafts corner:**

Heritage tour, knowing the history and culture of the city, connecting to people around through their history, knowing the city and its craftsman, photo blog and documentary on evolution and practice of various craft forms -- Objectives, Visit, case study, report, outcomes.

Part III :**Organic farming and waste management:**

Usefulness of organic farming, wet waste management in neighboring villages, and implementation in the campus --

Objectives, Visit, case study, report, outcomes.

Part IV:

Water conservation:

Knowing the present practices in the surrounding villages and implementation in the campus, documentary or photoblog presenting the current practices – Objectives, Visit, case study, report, outcomes.

Part V :

Food walk:

City's culinary practices, food lore, and indigenous materials of the region used in cooking – Objectives, Visit, case study, report, outcomes.

Course outcomes (Course Skill Set):

At the end of the course, the student will be able to:

CO1: Communicate and connect to the surrounding.

CO2: Create a responsible connection with the society.

CO3: Involve in the community in general in which they work.

CO4: Notice the needs and problems of the community and involve them in problem –solving.

CO5: Develop among themselves a sense of social & civic responsibility & utilize their knowledge in finding practical solutions to individual and community problems.

CO6: Develop competence required for group-living and sharing of responsibilities & gain skills in mobilizing community participation to acquire leadership qualities and democratic attitudes.

Activities:

Jamming session, open mic, and poetry: Platform to connect to others. Share the stories with others. Share the experience of Social Connect. Exhibit the talent like playing instruments, singing, one-act play, art-painting, and fine art.

PEDAGOGY:

The pedagogy will include interactive lectures, inspiring guest talks, field visits, social immersion, and a course project. Applying and synthesizing information from these sources to define the social problem to address and take up the solution as the course project, with your group. Social immersion with NGOs/social sections will be a key part of the course. Will all lead to the course project that will address the needs of the social sector?

COURSE TOPICS:

The course will introduce social context and various players in the social space, and present approaches to discovering and understanding social needs. Social immersion and inspiring conversational will culminate in developing an actual, idea for problem-based intervention, based on an in-depth understanding of a key social problem.

Duration :

A total of 40 - 50 hrs engagement per semester is required for the 3rd semester of the B.E. /B.Tech. program. The students will be divided into groups. Each group will be handled by faculty mentor. Faculty mentor will design the activities (particularly Jamming sessions open mic, and poetry) Faculty mentors has to design the evaluation system as per VTU guidelines of scheme & syllabus.

Guideline for Assessment Process:

Continuous Internal Evaluation (CIE):

After completion of the course, the student shall prepare, with daily diary as reference, a comprehensive report in consultation with the mentor/s to indicate what he has observed and learned in the social connect period. The report should be signed by the mentor. The report shall

Plan of Action (Execution of Activities)

Sl.NO	Practice Session Description
1	Lecture session in field to start activities
2	Students Presentation on Ideas
3	Commencement of activity and its progress
4	Execution of Activity
5	Execution of Activity
6	Execution of Activity
7	Execution of Activity
8	Case study based Assessment, Individual performance
9	Sector/ Team wise study and its consolidation
10	Video based seminar for 10 minutes by each student At the end of semester with Report.

- Each student should do activities according to the scheme and syllabus.
- At the end of semester student performance has to be evaluated by the faculty for the assigned activity progress and its completion.
- At last consolidated report of all activities from 1st to 5th, compiled report should be submitted as per the instructions and scheme.

Assessment Details for CIE (both CIE and SEE)

Weightage	CIE – 100%	
Field Visit, Plan, Discussion	10 Marks	<ul style="list-style-type: none"> • Implementation strategies of the project (NSS work). • The last report should be signed by NSS Officer, the HOD and principal. • At last report should be evaluated by the NSS officer of the institute. • Finally the consolidated marks sheet should be sent to the university and also to be made available at LIC visit.
Commencement of activities and its progress	20 Marks	
Case study based Assessment	20 Marks	
Individual performance with report		
Sector wise study & its consolidation 5*5 = 25	25 Marks	
Video based seminar for 10 minutes by each student At the end of semester with Report.	25 Marks	
Activities 1 to 5, 5*5 = 25		
Total marks for the course in each semester	100 Marks	

For each activity, 20 marks CIE will be evaluated for IA marks at the end of semester, Report and assessment copy should be made available in the department.

Students should present the progress of the activities as per the schedule in the prescribed practical session in the field. There should be positive progress in the vertical order for the benefit of society in general through activities.


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be evaluated on the basis of the following criteria and/or other relevant criteria pertaining to the activity completed. Marks allotted for the diary are out of 50. Planning and scheduling the social connect Information/Data collected during the social connect Analysis of the information/data and report writing Considering all above points allotting the marks as mentioned below

Excellent	: 80 to 100
Good	: 60 to 79
Satisfactory	: 40 to 59
Unsatisfactory and fail	: <39

Special Note :

NO SEE – Semester End Exam – Completely Practical and activities based evaluation

Pedagogy – Guidelines :

It may differ depending on local resources available for the study as well as environment and climatic differences, location and time of execution.

Sl No	Topic	Group size	Location	Activity execution	Reporting	Evaluation Of the Topic
1.	Plantation and adoption of a tree:	May be individual or team	Farmers land/ parks / Villages / roadside/ community area / College campus etc.....	Site selection /proper consultation/Continuous monitoring/ Information board	Report should be submitted by individual to the concerned evaluation authority	Evaluation as per the rubrics Of scheme and syllabus by Faculty
2.	Heritage walk and crafts corner:	May be individual or team	Temples / monumental places / Villages/ City Areas / Grama panchayat/ public associations/Government Schemes officers/ campus etc.....	Site selection /proper consultation/Continuous monitoring/ Information board	Report should be submitted by individual to the concerned evaluation authority	Evaluation as per the rubrics Of scheme and syllabus by Faculty
3.	Organic farming and waste management:	May be individual or team	Farmers land / parks / Villages visits / roadside/ community area / College campus etc.....	Group selection / proper consultation / Continuous monitoring / Information board	Report should be submitted by individual to the concerned evaluation authority	Evaluation as per the rubrics Of scheme and syllabus by Faculty
4.	Water conservation: & conservation techniques	May be individual or team	Villages/ City Areas / Grama panchayat/ public associations/Government Schemes officers / campus etc.....	site selection / proper consultation/Continuous monitoring/ Information board	Report should be submitted by individual to the concerned evaluation authority	Evaluation as per the rubrics Of scheme and syllabus by Faculty
5.	Food walk: Practices in society	May be individual or team	Villages/ City Areas / Grama panchayat/ public associations/Government Schemes officers/ campus etc.....	Group selection / proper consultation / Continuous monitoring / Information board	Report should be submitted by individual to the concerned evaluation authority	Evaluation as per the rubrics Of scheme and syllabus by Faculty

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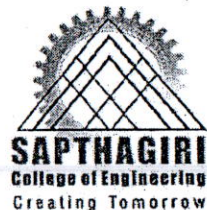
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F-ADM-02/RO

DEPARTMENT OF BIOTECHNOLOGY
TIME TABLE - ACADEMIC YEAR 2023-2024-ODD SEM
CLASS TIME TABLE

CLASS TIME TABLE - III SEMESTER					Lecture Hall : CLH114(Academic Block)				
1	Class Teacher Name	Dr Gowri Mirji		Mobile : 9738512842		gourimirji_bt@sapthagiri.du.in			
2	Proctor Name	Dr Gowri Mirji		Mobile : 9738512842		gourimirji_bt@sapthagiri.du.in			
3	Proctor Name	Dr Seema S		Mobile : 9686966056					
PERIOD	1	2		3	4		5	6	7
TIME/DAY	8:30–9:30	9:30–10:30	10:30–10:50	10:50-11:50	11:50-12:50	12:50-01:45	01:45-02:40	02:40-3:35	3:35-04:30
MON	BBT304 KB	BBT303 VSM	SHORT BREAK	BBT302 SS	BBT306B GM	Lunch Break (55 minutes)	Tutorial Classes		
TUE	BBT302 SS	BBT306B GM		BBT301 CS	BBT304 KB		← Technical Training →		
WED	BBT302 SS	BBT303 VSM		BBT304 KB	BBT301 CS		UO Lab-SS/KJ ////////// BC Lab -CBS/PB B1/B2		
THU	BBT301 CS	BBT303 VSM		BBT302 SS	BBT306B GM		BC Lab -CBS/RDL ////////// MB Lab -CS/KB B1/B2		
FRI	BBT301 CS	BBT303 VSM		BBT304 KB	BBT307 SS		MB Lab -CS/GM ////////// ADP Lab -PB/RL B1/B2		
SAT	BBT306B GM	← ADP-PB/KB //////////UO –SS/KJ Lab B1/B2 →							

Sl.No	Subject code	Subject Title	Subject Abb	Faculty Name	Faculty Code
1	BBT301	Cell Biology Genetics	C&G	Dr Soumya C	CS
2	BBT302	Unit operations+ Lab	UO+Lab	Dr Seema S/	SS/KJ
3	BBT303	Biochemistry+Lab	BC+lab	Dr Veena S More	VSM/CBS/PB/RDL
4	BBT304	Microbiology	MB	Dr Kiran Kumar B	KB
5	BBTL305	Microbiology Lab	MB Lab	Dr Soumya C/ Dr Kiran Kumar B/Dr Gowri	CS/KB/GM
6	BBTL358C	Analysis of Dairy Product Lab	ADP Lab	Dr. Pradima Britto/Prof.Rajalakshmi/Dr Kiran	PB/ RL/KB
7	BBT306B	Human Anatomy and Physiology	HP	Dr Gowri Mirji	GM
8	BBT307	Social Connect and Responsibilities	SCR	Dr Seema S	SS

Time Table Coordinator

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TIME /DAY	SEM	8:30-9:30	9:30-10:30	10:30-10:50	10:50-11:50	11:50-12:50	12:50-01:45	01:45-02:40	02:40-03:35	03:35-04:30	
MON	III	BBT304-KB	BBT303- VSM	Short Break	BBT302-SS	BBT306B-GM	Lunch Break	←----- Tutorial Classes -----→			
	V	21BT54-RL	21BT56-PB		21BT53-CBS	21BT52-KB		21BT51-KJ	21BT582-SS	Tutorial Classes	
	VII	18BT752-RDL/GM	18BT71-KJ		18BT742-CS/RL	18BT732-PB		←----- Project Phase I -----→			
TUE	III	BBT302-SS	BBT306B-GM	Short Break	BBT301-CS	BBT304-KB		←----- Technical Training -----→			
	V	21BT54-RL	21BT52-KB		21BT582-SS	21BT51-KJ		21BT53-CBS	CIV	Tutorial Classes	
	VII	18BT732-PB	18BT71-KJ		18BT72-CBS	Technical Training		←----- BPE Lab-B1-KJ/RL -----→			
WED	III	BBT302-SS	BBT303-VSM		BBT304-KB	BBT301-CS		←----- UO Lab-SS/KJ - B1//////// BC Lab -CBS/PB- B2-----→			
	V	←----- IMM-GM/CS- B1//////// BI Lab RL/KB-B2 -----→				21BT53- CBS		←----- Technical Training -----→			
	VII	18BT72-CBS	18BT742-CS/RL		18BT752-RDL/GM	Technical Training		←----- Project Phase I -----→			
THU	III	BBT301-CS	BBT303-VSM		BBT302- SS	BBT306B-GM		←----- BC Lab -CBS/RDL - B1//////// MB Lab -CS/KB - B2-----→			
	V	←----- IMM-GM/CBS//////// BI Lab RDL/KB- B2/B1 -----→				21BT51- KJ		21BT52-KB	21BT56-PB		
	VII	18BT71-KJ	18BT72-CBS		18BT732-PB	Technical Training		←----- BPE Lab- B2-KJ/RL -----→			
FRI	III	BBT301-CS	BBT303-VSM	Short Break	BBT304-KB	BBT307-SS		←----- MB Lab -CS/GM-B1////////ADP Lab PB/RL-B2-----→			
	V	21BT56-PB	21BT54-RL		21BT51-KJ	21BT53-CBS		←----- Tutorial Classes -----→			
	VII	-----	18BT72-CBS		18BT752-RDL/GM	18BT742-CS/RL		←----- BPE Lab- B3-KJ/SS -----→			
SAT	III	BBT306B-GM	←----- ADP-PB/KB -B1////////UO -SS/KJ Lab- B2 -----→								
	V	21BT54-RL	21BT52-KB	Short Break	21BT53-CBS	21BT56-PB					
	VII	18BT732-PB	18BT71-KJ		18BT742-CS/RL	-----					

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INDIVIDUAL TIME TABLE -Dr. Seema S Lecture Hall: CLH 114 (Academic Block)									
Class Teacher Name									
		Mobile :9686966056				Email : seemas@sapthagiri.edu.in			
PERIOD	1	2		3	4		5	6	7
TIME	8:30	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	-	-	-	-	-	-	-	-	-
	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30
MON			Short Break	BBT302		Lunch Break (55 minutes)		21BT582	
TUE	BBT302			21BT582					
WED	BBT302						← UO Lab-B1 →		
THU				BBT302					
FRI					BBT307		← BPE Lab-B3 →		
SAT		← UO Lab B2 →							
Subjects Allocation									
Sl.No	Subject Code	Subject Title			Subject Abbreviation				
1	21BT582	Extraction methods and Herbal products			E &H				
2	BBT307	Social Connect and Responsibilities			SCR				
3	BBT302	Unit operations			UO				
4	BBT302	Unit operations+ Lab			UO+Lab				
5	18BTL76	Bioprocess Engineering Laboratory			BPE Lab				

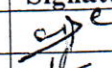
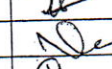
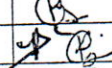
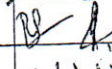
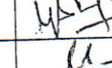

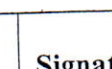
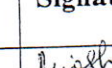
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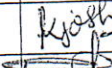
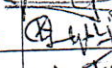
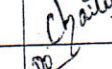
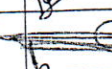

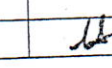
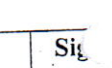
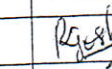
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DEPARTMENT OF BIOTECHNOLOGY
Subject Allotment for ODD Semester 2023-24

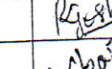
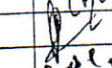


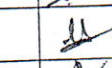
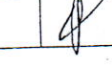

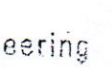
III Semester

Sl.No.	Subject Code	Subject Title	Department	Name of the Faculty	Signature
1	BBT301	Cell Biology Genetics	BT	Dr Soumya C	
2	BBT302	Unit operations+ Lab	BT	Dr Seema S	
3	BBT303	Biochemistry+Lab	BT	Dr Veena S More/Dr Chaitra B S/Dr Pradima	
4	BBT304	Microbiology	BT	Dr Kiran Kumar B	
5	BBTL305	Microbiology Lab	BT	Dr Soumya C/ Dr Kiran Kumar B/Dr Gowri	
6	BBTL358 C	Analysis of Dairy Product Lab	BT	Dr. Pradima Britto/ Prof.Rajalakshmi	
7	BBT306 B	Human Anatomy and Physiology	BT	Dr Gowri Mirji	
8	BBT307	Social Connect and Responsibilities	BT	Dr Seema S	

V Semester

Sl.No.	Subject Code	Subject Title	Department	Name of the Faculty	Signature
1	21BT51	Biokinetic and Bioreaction engineering	BT	Dr Kavitha Joshi	
2	21BT52	Immunotechnology +lab	BT	Dr Kiran Kumar B/Prof Ramya D L /Dr Gouri Mirji/Dr Soumya/Dr.Chaitra	
3	21BT53	Structural Biology and Analytical Techniques	BT	Dr Chaitra B S	
4	21BT54	Genomics, Proteomics and Bioinformatics	BT	Prof.Rajalakshmi	
5	21BTL55	Bioinformatics Lab	BT	Prof. Rajalakshmi /Dr Kiran Kumar B / Prof Ramya D L	
6	21BT56	Research Methodology and IPR	BT	Dr. Pradima Britto	
7	21CIV57	Environmental Studies	CIVIL	Prof.Bhavya C H	
8	21BT582	Extraction methods and Herbal products	BT	Dr.Seema S	

VII Semester

Sl.No.	Subject Code	Subject Title	Department	Name of the Faculty	Signature
1	18BT71	Bioprocess Engineering	BT	Dr Kavitha Joshi	
2	18BT72	Clinical & Pharmaceutical BT	BT	Dr.Chaitra B S	
3	18BT732	Bioreactor Design Concepts	BT	Dr. Pradima Britto	
4	18BT742	Agricultural Biotechnology	BT	Dr Soumya C/Prof.Rajalakshmi	
5	18BT752	Open elective-Forensic science	BT	Prof.Ramya D L/Dr Gowri Mirji	
6	18BTL76	Bioprocess Engineering Laboratory	BT	Dr. Kavitha Joshi / Dr Seema S/Prof.Rajalakshmi	
7	18BTL77	Project Work Phase - 1	BT	Dr.Seema S	
8	18BTP71	Internship	BT	Dr. Pradima Britto	

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DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING
LESSON PLAN FOR THE ACADEMIC YEAR: ODD SEM 2023-2024
Lesson Plan-Teaching Diary

Course	Social connect and responsibilities			Course code	21SCR36		
Faculty	Dr Seema Sakkara			Semester	3 rd		
Elective	Contact Hours /week			Total Hours	Assessment		Credits
Core	L	T	P	15	CIE	SEE	1
		-	-		50	50	


Period	Planned Date	Topic Planned	Actual Date	Topic covered	Remarks
1	17/11	Discussion on subject Social responsibilities	17/11	Discussion on subject Social responsibilities	
2	24/11	Batches done & Estimation on activity	24/11	Batch done & activity details	
3	1/12	plantation subject the plant & adoption of plants	1/12	plantation topic adopted by each group	
4	8/12	Discussed about the history, culture of city	8/12	Discussion about culture of city	
5	15/12	Activity carried out by making chart	15/12	Activity carried out by chart	
6	22/12	Explanation given on the each place	22/12	Explanation given on the each place	
7	29/12	Discussed about organic farming	29/12	Discussed about organic farming	
8	5/1	waste management responsible to manage waste	5/1	Detail on waste management responsible to manage waste	
9	12/1	water conservation types	12/1	conservation of water & different types	



DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING
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Lesson Plan-Teaching Diary

10	26/2	water conservation knowledge by painting	29/2	water conservation activity by painting	
11	9/2	Food walk discussed ratione region special food	23/2	Arranged on 26/2 - by BT	Intendy
12	16/2	report submission ratione food practices	9/3	IA Lab	
13			16/3	Food walk activity done	
14			23/2	Report on Activity	
15			1/3	Report finalize	
16					
17					
18					
19					
20					
21					
22					
23					


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Department of Biotechnology

STUDENT ELIGIBILITY LIST 2023-24

Branch: Biotechnology

Sem: III

Sl No.	Name	USN	Remarks	Gender
1	ANANYA S	1SG22BT001	Regular	F
2	ANUSHA DIVAKAR NAIK	1SG22BT002	Regular	F
3	ANUSHKA A	1SG22BT003	Regular	F
4	ARPITHA M A	1SG22BT004	Regular	F
5	CHAITANYA S	1SG22BT005	SNQ R	F
6	CHAITRASHREE R	1SG22BT006	Regular	F
7	CHANDANA K R	1SG22BT007	Regular	F
8	DEEPTI S GOWDA	1SG22BT008	Regular	F
9	GUNASHREE T K	1SG22BT009	Regular	F
10	HARSHITH B N	1SG22BT010	Regular	M
11	HARSHITHA G	1SG22BT011	SNQ R	F
12	HARSHITHA K S	1SG22BT012	Regular	F
13	HITESH K U	1SG22BT013	Regular	M
14	HITHASHREE M	1SG22BT014	Regular	F
15	JAHNAVI B U	1SG22BT015	Regular	F
16	JAYAVARDHINI R	1SG22BT016	SNQ R	F
17	KEERTHANA H BHONGALE	1SG22BT017	Regular	F
18	KEERTHANA M	1SG22BT018	Regular	F
19	LAVANYA K	1SG22BT019	Regular	F
20	LIKITH GOWDA C	1SG22BT020	Regular	M
21	M AJAY KUMAR	1SG22BT021	Regular	M
22	MANJULA S	1SG22BT022	Regular	F
23	MOHAMMED SAHIL SINWAN	1SG22BT023	Regular	M
24	NAGARJUNA N V	1SG22BT024	Regular	M
25	NAGASHREE N HEDGE	1SG22BT025	Regular	F
26	NAGESHA V	1SG22BT026	Regular	M
27	NANDITHA S	1SG22BT027	Regular	F
28	NIHARIKA S	1SG22BT028	Regular	F
29	POORVI L	1SG22BT029	Regular	F
30	PRATIKSHA YADAV	1SG22BT030	Regular	F
31	PRIYANKA C R	1SG22BT031	Regular	F
32	R SANDHYA	1SG22BT032	Regular	F
33	RAKSHA H D	1SG22BT033	Regular	F
34	SAMINA ANWAR AMARAVATI	1SG22BT034	Regular	F
35	SAMSKRUTHI N	1SG22BT035	Regular	F
36	SHARATH KUMAR N	1SG22BT036	Regular	M
37	SNEHA K	1SG22BT037	Regular	F
38	SONAALI S	1SG22BT038	Regular	F


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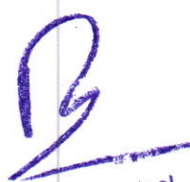
Department of Biotechnology

39	SONAM SINGH R	1SG22BT039	Regular	F
40	SPANDANA S	1SG22BT040	Regular	F
41	SPOORTHY B S	1SG22BT041	Regular	F
42	TEJASWINI N	1SG22BT042	Regular	F
43	VANDANA C N	1SG22BT043	Regular	F
44	VARSHA R	1SG22BT044	Regular	F
45	VARSHINI A	1SG22BT045	Regular	F
46	VIDYA M S	1SG22BT046	Regular	F
47	VINDHU T H	1SG22BT047	Regular	F



HOD-BT

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