



**MEENAKSHI CHANDRASEKARAN
COLLEGE OF ARTS AND SCIENCE**
(Affiliated to Bharathidasan University, Tiruchirappalli)
(UGC Recognized 2(f) & 12(B) Institution)

PROGRAM OUTCOME B.Sc., Microbiology

PO1	Demonstrate holistic knowledge on the various facets of microbiology.
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling microbes
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry, environment,
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes.
PO5	Analyze microbe-related problems, communicate them to peers/team members/other stakeholders and

COURSE :Immunology SUB CODE: 16SCCMB3

CO1	Describe the history of immunology and immune hematology.
CO2	Understand the immune system .
CO3	Demonstrate antigens and the various types of antigens.
CO4	Explain Immunodeficiency illnesses, antigen and antibody reactions.
CO5	Recognize hypersensitivity reactions as well as the foundational ideas behind transplantation and

PO →	PO2	PO3	PO4	PO5
CO1	0	1	3	1
CO2	0	0	3	0
CO3	1	0	3	0
CO4	0	1	3	1
CO5	1	0	3	0
AVERAGE	0.4	0.4	3	0.4

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO		
	SEMINAR (5)	ASSIGNMENT (5)
CO1	1	1
CO2	1	1
CO3	1	1
CO4	1	1
CO5	1	1
TOTAL	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 376981	AJITHA.C	5	3	3	5	4	20	80
2	CB16S 376982	ANITHA.V	4	4	4	4	4	20	80
3	CB16S 376983	ANUSUYA.V	4	4	4	4	3	19	76
4	CB16S 376984	BUSHRA.A	5	5	5	5	3	23	92
5	CB16S 376985	DHANALAKSHMI	2	3	2	2	3	12	48
6	CB16S 376986	DIVYA.R	5	5	5	3	3	21	84
7	CB16S 376987	DURGADEVI.J	4	4	4	4	4	20	80

8	CB16S 376988	DURGADEVI.S	5	5	3	4	3	20	80
9	CB16S 376989	GOWSIKAVENNI	4	4	4	4	3	19	76
10	CB16S 376990	JAYALAKSHMI.S	4	4	4	4	2	18	72
11	CB16S 376991	KAMALASRI.A	5	4	4	4	4	22	88
12	CB16S 376992	KOWSALYA.S	5	4	4	5	4	22	88
14	CB16S 376993	NANDHINI.V	4	4	4	4	4	20	80
15	CB16S 376994	NASREEN BANU.J	4	4	4	4	2	18	72
16	CB16S 376995	NISHA.B	3	4	4	4	5	20	80
17	CB16S 376996	PAVITHRA.P	4	4	4	4	4	20	80
18	CB16S 376997	PREMALATHA.K	4	4	4	4	4	20	80
19	CB16S 376998	RANJANI.C	5	4	4	4	5	22	88
20	CB16S 376999	SARANYA.M	4	4	4	4	4	20	80
21	CB16S 377000	SATHYA.M	5	5	5	4	4	23	92
22	CB16S 377001	SATHYA.V	3	3	3	5	5	19	76
23	CB16S 377002	SOUMIYA.R	5	4	4	4	5	22	88
24	CB16S 377003	SUGANYA.K	5	5	5	4	3	22	88
25	CB16S 377004	SUJI.R	2	4	2	3	2	13	52
26	CB16S 377005	SURYA.R	4	4	4	3	3	18	72
27	CB16S 377006	TAMILMANI.C	4	4	4	4	4	20	80
28	CB16S 377007	THAVANYA.R	4	4	4	4	4	20	80
29	CB16S 377008	VAISHNAVI.M	5	5	3	3	3	19	76
30	CB16S 377009	VETHASURUTHI.E	5	4	4	3	4	20	80
31	CB16S 377010	VIJAYA.S	3	4	4	5	3	19	76
32	CB16S 377011	VINOTHINI.T	3	4	4	5	4	20	80
33	CB16S 377012	YOGESHWARI.D	3	4	4	5	4	20	80
AVERAGE			4.094	4.094	3.875	4	3.625		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+	TOTAL	%
CO1	4	#REF!	#REF!
CO2	4.04	#REF!	#REF!
CO3	3.89	#REF!	#REF!
CO4	4.04	#REF!	#REF!
CO5	3.717	#REF!	#REF!

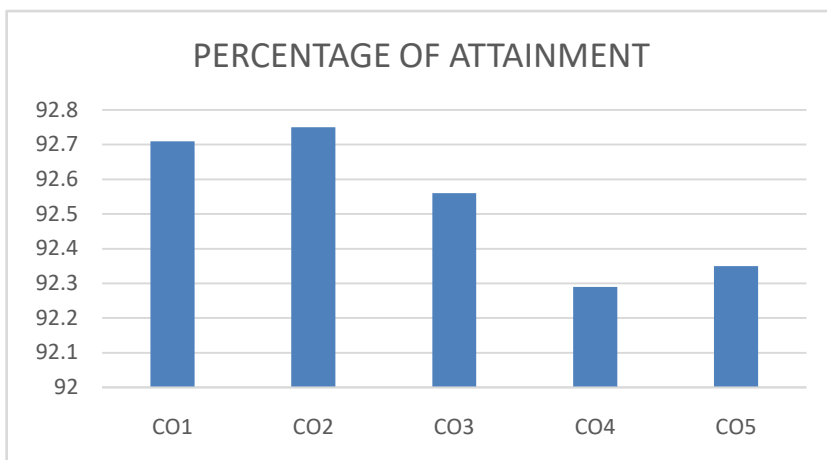
COURSE ATTAINMENT FOR B.SC., BIOTECHNOLOGY

SUBJECT IMMUNOLOGY

SUBJECT 16SCCMB3

NO.OF S 33

COURSE	PERCENTAGE OF ATTAINMENT
CO1	92.94
CO2	92.99
CO3	92.81
CO4	92.99



COURSE ATTAINMENT FOR B.Sc., BIOTCHNOLOGY

SUBJECT NAME:IMMUNOLOGY

SUBJECT CODE: 16SCCMB3

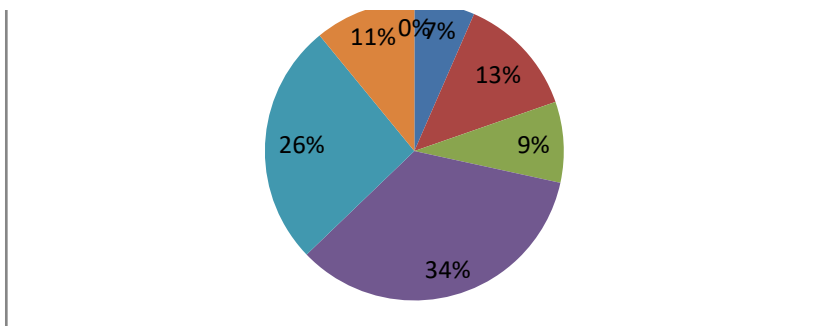
NO. OF STUDENTS: 33

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 -100	0	OUTSTANDING
80 - 89	3	EXCELLENT
75-79	6	DISTINCTION
70-74	4	VERY GOOD
60-69	16	GOOD
50-59	11	AVERAGE
BELOW 50	5	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	PERCENTAGE	STATUS
80-89	6.50%	EXCELLENT
75-79	13.04%	DISTINCTION
70-74	8.69%	VERY GOOD
60-69	34.18%	GOOD
50-59	26.08%	AVERAGE
BELOW 50	10.86%	RA

**COURSE OUTCOME
ASSESSMENT IN PERCENTAGE**

■ 80-89
 ■ 75-79
 ■ 70-74
 ■ 60-69
 ■ 50-59
 ■ BELOW 50
 ■ 0



PROGRAM OUTCOME B.Sc., MICROBIOLOGY

PO1	Demonstrate holistic knowledge on the various facets of microbiology.
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping
PO3	Apply microbiological principles to a wide range of fields such as medicine,
PO4	Demonstrate key practical competences in dealing with microorganisms for
PO5	Analyze microbe-related problems, communicate them to peers/team

COURSE :Introductory virology

SUB CODE

CO1	Describe the definitions, structure, and classification of viruses while introducing
CO2	Examine the cultivation, purification, characterization, separation, and testing of
CO3	Discover bacteriophages' classification and life cycle.
CO4	Recognize the fundamental characteristics of DNA-containing virus.
CO5	Classification of plant virus nomenclature.

PO →	PO4	PO5
CO1	3	1
CO2	3	0
CO3	3	0
CO4	3	1
CO5	3	0
AVERAGE	3	0.4

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO		
	SEMINAR (5)	ASSIGNMENT (5)
CO1	1	1
CO2	1	1
CO3	1	1
CO4	1	1
CO5	1	1
TOTAL	5	5

s.no	REG. NO	NAME	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 376981	AJITHA.C	3	5	4	20	80

2	CB16S 376982	ANITHA.V	4	4	4	20	80
3	CB16S 376983	ANUSUYA.V	4	4	3	19	76
4	CB16S 376984	BUSHRA.A	5	5	3	23	92
5	CB16S 376985	DHANALAKSHMI.K	2	2	3	12	48
6	CB16S 376986	DIVYA.R	5	3	3	21	84
7	CB16S 376987	DURGADEVI.J	4	4	4	20	80
8	CB16S 376988	DURGADEVI.S	3	4	3	20	80
9	CB16S 376989	GOWSIKAVENNIL A.A	4	4	3	19	76
10	CB16S 376990	JAYALAKSHMI.S	4	4	2	18	72
11	CB16S 376991	KAMALASRI.A	4	4	4	22	88
12	CB16S 376992	KOWSALYA.S	4	5	4	22	88
14	CB16S 376993	NANDHINI.V	4	4	4	20	80
15	CB16S 376994	NASREEN BANU.J	4	4	2	18	72
16	CB16S 376995	NISHA.B	4	4	5	20	80
17	CB16S 376996	PAVITHRA.P	4	4	4	20	80
18	CB16S 376997	PREMALATHA.K	4	4	4	20	80
19	CB16S 376998	RANJANI.C	4	4	5	22	88
20	CB16S 376999	SARANYA.M	4	4	4	20	80
21	CB16S 377000	SATHYA.M	5	4	4	23	92
22	CB16S 377001	SATHYA.V	3	5	5	19	76
23	CB16S 377002	SOUMIYA.R	4	4	5	22	88
24	CB16S 377003	SUGANYA.K	5	4	3	22	88
25	CB16S 377004	SUJIL.R	2	3	2	13	52
26	CB16S 377005	SURYA.R	4	3	3	18	72
27	CB16S 377006	TAMILMANI.C	4	4	4	20	80
28	CB16S 377007	THAVANYA.R	4	4	4	20	80
29	CB16S 377008	VAISHNAVI.M	3	3	3	19	76
30	CB16S 377009	VETHASURUTHI.K	4	3	4	20	80
31	CB16S 377010	VIJAYA.S	4	5	3	19	76
32	CB16S 377011	VINOTHINI.T	4	5	4	20	80
33	CB16S 377012	YOGESHWARI.D	4	4	4	19	76
AVERAGE			3.875	3.969	3.625		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+	TOTAL	%
CO1	3.98	#REF!	#####
CO2	4	#REF!	#####
CO3	3.89	#REF!	#####
CO4	3.98	#REF!	#####
CO5	3.64	#REF!	#####

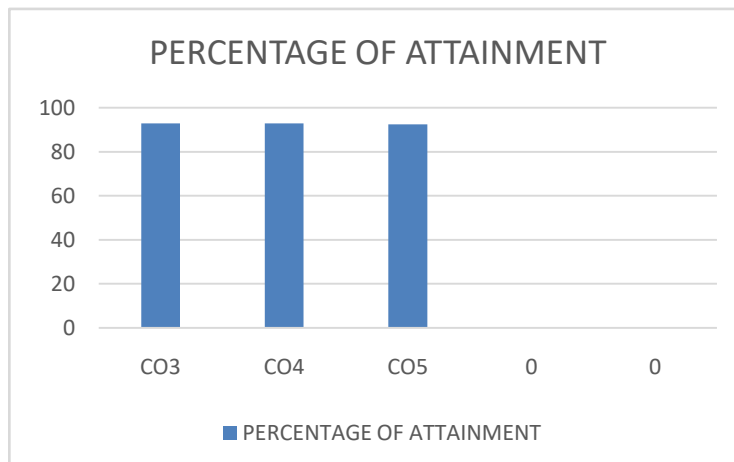
COURSE ATTAINMENT F C.,MICROBIOLOGY

SUBJEC Introductory virology

SUBJEC 16SCCMB4

NO.OF: 33

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.92
CO2	92.94
CO3	92.81
CO4	92.92
CO5	92.51



COURSE ATTAINMENT FOR B.Sc., microbiology

SUBJECT NAME: Introductory virology

SUBJECT CODE: 16SCCMB4

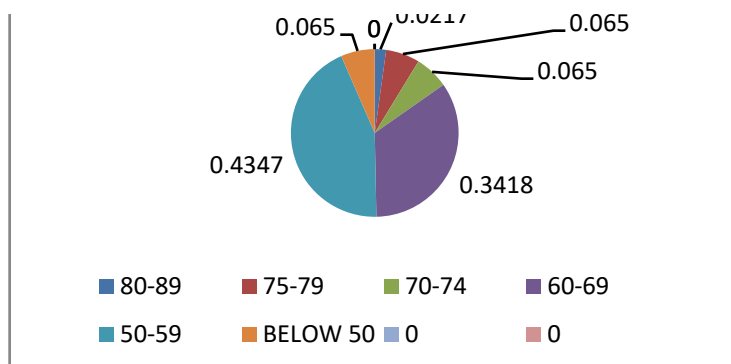
NO. OF STUDENTS: 33

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	NO. OF STUDENTS
90 -100	0
80 - 89	1
75-79	3
70-74	3
60-69	16
50-59	20
BELOW 50	3

COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	PERCENTAGE
80-89	2.17%
75-79	6.50%
70-74	6.50%
60-69	34.18%
50-59	43.47%
BELOW 50	6.50%

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

0.0217



B.Sc., Microbiology PROGRAM OUTCOME

COURSE : Ethnomedicine SUB CODE :16RSBE5:1

CO1	Understand plant nutrition and the evolution of food processing.
CO2	Illustrate human plant selection patterns for food, medicine, poison, ceremonial, and religion.
CO3	Analyze how to manage wild resources in the traditional way.
CO4	Recognize the legal framework that governs plant usage and access.
CO5	Applications of plants function on a daily basis.

PO →	PO2	PO3	PO4	PO5
CO1	3	2	2	1
CO2	3	3	2	2
CO3	3	1	3	1
CO4	3	2	2	2
CO5	3	3	3	2
AVERAGE	3	2.2	2.4	1.6

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO		
	SEMINAR (5)	ASSIGNMENT (5)
CO1	1	1
CO2	1	1
CO3	1	1
CO4	1	1
CO5	1	1
TOTAL	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 376981	AJITHA.C	4	4	4	4	4	20	80
2	CB16S 376982	ANITHA.V	4	3	4	4	4	19	76
3	CB16S 376983	ANUSUYA.V	4	4	4	4	4	20	80
4	CB16S 376984	BUSHRA.A	5	5	5	4	4	23	92
5	CB16S 376985	DHANALAKSHMI.K	3	3	3	3	3	12	48

6	CB16S 376986	DIVYA.R	4	4	4	4	5	21	84
7	CB16S 376987	DURGADEVI.J	4	4	4	4	4	20	80
8	CB16S 376988	DURGADEVI.S	4	4	4	4	5	21	84
9	CB16S 376989	GOWSIKAVENNIL A.A	3	4	4	4	4	19	76
10	CB16S 376990	JAYALAKSHMI.S	4	4	3	4	4	20	80
11	CB16S 376991	KAMALASRI.A	4	5	4	4	4	21	84
12	CB16S 376992	KOWSALYA.S	5	5	4	4	4	22	88
13	CB16S 376993	NANDHINI.V	4	4	4	4	4	20	80
14	CB16S 376994	NASREEN BANU.J	3	4	4	4	4	19	76
15	CB16S 376995	NISHA.B	4	4	4	4	3	19	76
16	CB16S 376996	PAVITHRA.P	4	4	4	4	4	20	80
17	CB16S 376997	PREMALATHA.K	5	4	4	4	4	21	84
18	CB16S 376998	RANJANI.C	3	3	5	5	5	21	84
19	CB16S 376999	SARANYA.M	4	4	4	3	3	19	76
20	CB16S 377000	SATHYA.M	5	5	5	3	5	23	92
21	CB16S 377001	SATHYA.V	3	5	3	4	4	19	76
22	CB16S 377002	SOUMIYA.R	4	4	4	4	5	21	84
23	CB16S 377003	SUGANYA.K	5	5	4	4	4	22	88
24	CB16S 377004	SUJI.R	3	3	3	3	2	13	52
25	CB16S 377005	SURYA.R	5	4	3	3	3	18	72
26	CB16S 377006	TAMILMANI.C	3	3	4	4	5	19	76
27	CB16S 377007	THAVANYA.R	4	4	4	4	4	20	80
28	CB16S 377008	VAISHNAVI.M	4	4	4	3	4	19	76
29	CB16S 377009	VETHASURUTHI.K	4	4	4	4	4	20	80
30	CB16S 377010	VIJAYA.S	4	4	4	4	4	20	80
31	CB16S 377011	VINOTHINI.T	4	4	4	4	4	20	80
33	CB16S 377012	YOGESHWARI.D	4	5	4	5	5	23	92
AVERAGE			3.969	4.063	3.938	3.875	4.03		

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+	TOTAL	%
CO1	3.98	#REF!	#REF!
CO2	4.07	#REF!	#REF!
CO3	3.98	#REF!	#REF!
CO4	3.89	#REF!	#REF!
CO5	4	#REF!	#REF!

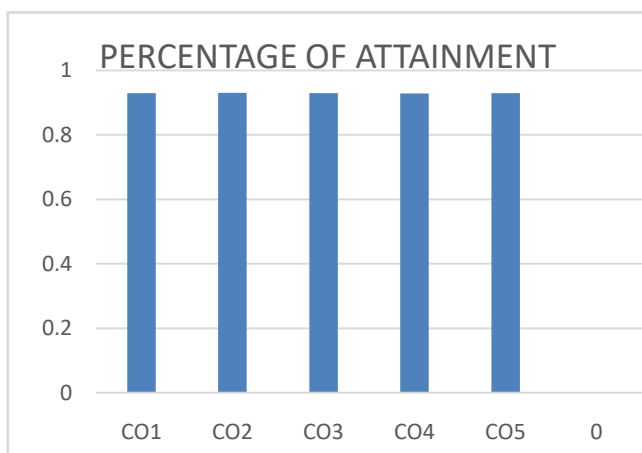
B.S.C., MICROBIOLOGY

SUBJEC Ethnomedicine

SUBJEC :16RSBE:1

NO. OF STUDENTS:33

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.91%
CO2	93.02%
CO3	92.91%
CO4	92.81%
CO5	92.94%



COURSE ATTAINMENT FOR B.Sc., BIOTCHNOLOGY

SUBJECT NAME: PLANT BIOTECHNOLOGY

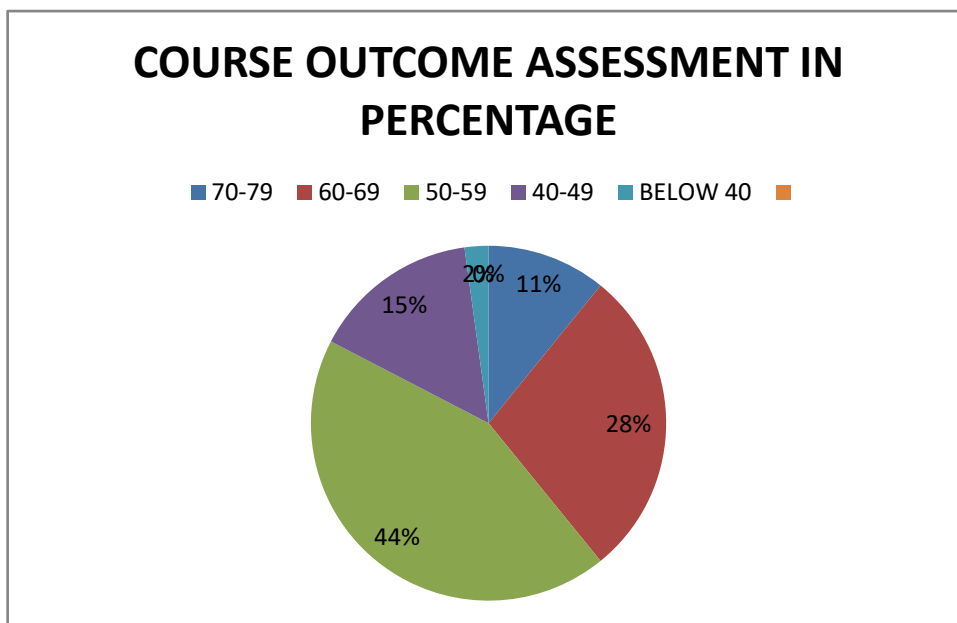
SUBJECT CODE: 16SCCBT5

NO. OF STUDENTS: 46

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	0	OUTSTANDING
80 - 89	0	EXCELLENT
70 - 79	5	DISTINCTION
60 - 69	13	VERY GOOD
50 - 59	20	GOOD
40 - 49	7	AVERAGE
BELOW 40	1	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	PERCENTAGE	STATUS
70-79	10.86%	DISTINCTION
60-69	28.26%	VERY GOOD
50-59	43.47%	GOOD
40-49	15.21%	AVERAGE

BELOW 40	2.17%	RA
-----------------	--------------	-----------



PO1	Demonstrate holistic knowledge on the various facets of microbiology.
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling microbes
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry, environment,
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes.
PO5	Analyze microbe-related problems, communicate them to peers/team members/other stakeholders and

CO1	Identify the basic concepts and ranges of agricultural and environmental microbiology.
CO2	Find information about plant disease control methods, pathogen entry, symptoms, and the disease cycle.
CO3	Understand microbial ecology and microorganisms that live in harsh settings
CO4	Describe the aquatic ecosystems and microbiological water quality testing.
CO5	Recognize the various garbage types, how to handle liquid and solid waste, and how to compost.

PO →	PO2	PO3	PO4	PO5
CO1	1	1	1	1
CO2	2	2	2	3
CO3	2	1	3	1
CO4	3	2	2	1
CO5	3	3	3	2
AVERAGE	2.2	1.8	2.2	1.6

CO	SEMINAR (5)	ASSIGNMENT (5)
CO1	1	1
CO2	1	1
CO3	1	1

CO4								1	
CO5								1	
TOTAL								5	
SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB15S 375736	ABARNA.A	4	4	5	5	5	23	92
2	CB15S 375737	ABINAYA.N	3	4	5	5	5	22	88
3	CB15S 375738	ABINAYA.R	4	4	4	4	4	20	80
4	CB15S 375739	ABIPRIYADHARSH INLR	4	4	4	4	5	21	84
5	CB15S 375740	AISHWARYA.S	5	5	5	5	5	24	96
6	CB15S 375741	ANUSHIYA.S	4	4	4	4	4	20	80
7	CB15S 375742	ARUNA.T	4	5	4	4	4	21	84
8	CB15S 375743	ATCHAYA.A	4	4	4	4	4	20	80
9	CB15S 375744	DHIVYA.D	5	4	4	4	4	21	84
10	CB15S 375745	DINEKA.M	4	4	4	4	4	20	80
11	CB15S 375746	ELAKIYA.B	4	4	4	4	4	20	80
12	CB15S 375747	ELAKKIYA.P	4	4	4	5	5	22	88
13	CB15S 375748	HEMA.B	4	5	5	4	4	23	92
14	CB15S 375749	ISHSURIYA.A	4	4	4	4	4	20	80
15	CB15S 375750	KALEESWARI.V	4	4	4	4	4	20	80
16	CB15S 375751	KAMALI.B	4	4	4	4	4	20	80
17	CB15S 375752	KANAKASUNDHA RI.G	5	4	4	4	4	21	84
18	CB15S 375753	KARTHIKA.C	4	5	4	4	4	21	84
19	CB15S 375754	KARTHIKA.S	4	5	4	4	4	21	84
20	CB15S 375755	KEERTHANA.V	4	4	4	4	4	20	80
21	CB15S 375756	KOWSALYA.K	5	5	5	5	4	24	96
22	CB15S 375757	LAVANYA.M	4	4	4	4	4	20	80
23	CB15S 375758	MANJULA.M	5	5	5	4	4	22	88
24	CB15S 375759	MANOSRI.S	4	4	4	5	5	23	92
25	CB15S 375760	MEHALA.M	4	4	4	4	4	20	80
26	CB15S 375761	MONIKA.S	4	4	4	4	4	20	80
27	CB15S 375762	NANTHINI.N	4	4	4	4	4	20	80
28	CB15S 375763	PARIMALA.P	5	4	4	4	4	21	84
29	CB15S 375764	PERIYANAYAKI.S	4	4	4	4	4	20	80
30	CB15S 375765	PREETHIKA.R	5	4	4	4	4	21	84
31	CB15S 375766	RENUKA.M	4	4	4	4	4	20	80
32	CB15S 375767	SAKANA.R	4	4	4	4	4	20	80
33	CB15S 375768	SATHIYABAMA.V	5	4	4	4	4	21	84
34	CB15S 375769	SIVARANJANI.N	5	4	4	4	4	21	84
35	CB15S 375770	SNEKHA.B	5	5	4	4	4	23	92
36	CB15S 375771	SORNAMUHL.R	4	4	4	4	4	20	80
37	CB15S 375772	SUDHANDHIRA.M	5	5	5	4	4	22	88
38	CB15S 375773	SUSMITHA.S	5	4	4	4	4	21	84
39	CB15S 375774	VIJAYAKUMARI.K	4	4	4	4	4	20	80

40	CB15S 375775	VINOTHA.S	4	4	4	4	4	20	80
			4.28	4.23	4.18	4.15	4.15		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+	TOTAL	%
CO1	4.30	4.30	5.06
CO2	4.26	4.26	5.01
CO3	4.17	4.17	4.91
CO4	4.15	4.15	4.88
CO5	4.13	4.13	4.86

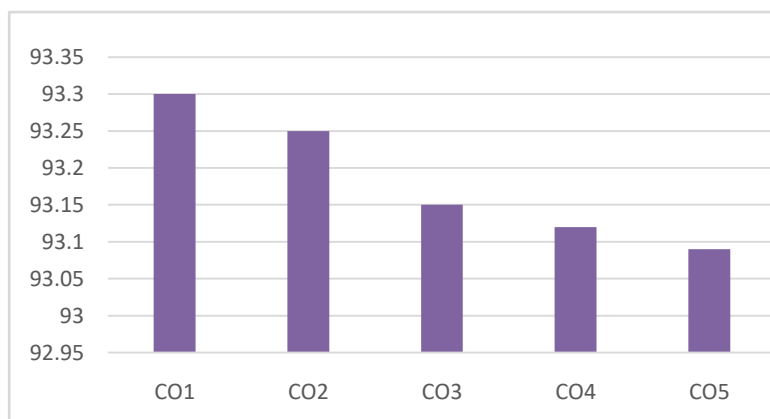
COURSE ATTAINMENT FOR UG BIOTECHNOLOGY

SUBJECT NAME: Agricultural and Environmental Microbiology

SUBJECT CODE: 16SCCMB6

NO. OF STUDENTS: 41

COURSE OUTCOME	
CO1	
CO2	
CO3	
CO4	
CO5	



COURSE ATTAINMENT FOR UG BIOTECHNOLOGY

SUBJECT NAME: IMMUNOTECHNOLOGY

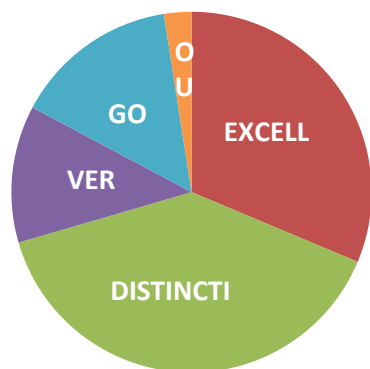
SUBJECT CODE:16SCCMB6

NO. OF STUDENTS:41

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 -100	0	OUTSTANDING
80 - 89	13	EXCELLENT
70 - 79	16	DISINCTION
60 - 69	5	GOOD
50 - 59	6	VERY GOOD
40 - 49	6	AVERAGE
BELOW 40	0	RA
COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	PERCENTAGE	STATUS
80-89	28%	EXCELLENT

70-79	35%	DISINCTION
60-69	11%	VERY GOOD
50-59	13%	GOOD
40-49	13%	AVERAGE

COURSE OUTCOME PERCENTAGE



B.Sc., Microbiology PROGRAM OUTCOME

PO1	Demonstrate holistic knowledge on the various facets of
PO2	Make use of fundamental skills such as cultivating microorganisms,
PO3	Apply microbiological principles to a wide range of fields such as
PO4	Demonstrate key practical competences in dealing with
PO5	Analyze microbe-related problems, communicate them to

**JECT NAME: Basics of Microbiology SUBJECT CODE: 22SCC
SUBJECT COI 16SCCMB1**

COURSE : Fundamentals of Microbiology

CO1	Understand the historical Developments in Microbiology.
CO2	Recognize the usage of microscope.
CO3	Describe eubacteria, archaebacteria and actinomycetes
CO4	Classification of microorganisms.
CO5	Understand the concept of microbial growth, culture media and the

PO →	PO4	PO5
CO1	2	1
CO2	3	2
CO3	2	1
CO4	2	2
CO5	3	1
AVERAGE	2.4	1.4

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO			SEMINAR (5)		SIGNMENT (5)		
CO1			1		1		
CO2			1		1		
CO3			1		1		
CO4			1		1		
CO5			1		1		
TOTAL			5		5		
SNO	REG. NO	NAME	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB17S 378301	ABINAYA.D	5	5	5	22	88
2	CB17S 378302	ABINAYA.K	3	5	4	18	72
3	CB17S 378303	ABITHA.A	3	5	4	18	72
4	CB17S 378304	ABITHA.M	5	5	5	23	92
5	CB17S 378305	AFIYA.M	3	5	4	18	72
6	CB17S 378306	AKALYA.K	5	2	3	20	80
7	CB17S 378307	ANJUGA.G	5	3	2	20	80
8	CB17S 378309	ASHIKA.M	4	3	3	18	72
9	CB17S 378310	BOOMIKA.V	5	3	2	20	80
10	CB17S 378311	DHANUSHA.P	5	3	2	20	80
11	CB17S 378312	DHIVYABHARATHI	5	5	4	24	96
12	CB17S 378313	DIVYA.M	4	4	2	22	88
13	CB17S 378315	DURGADEV.I.R	3	4	2	15	60
14	CB17S 378316	GAYATHRI.T	4	5	3	18	72
15	CB17S 378317	ISHRA SAHIN.M	4	5	3	18	72
16	CB17S 378318	KARTHIKA.M	4	3	3	19	76
17	CB17S 378319	KARTHIKA.S	4	3	3	18	72
18	CB17S 378320	KEERTHANA.G	5	5	3	18	72
19	CB17S 378321	KEERTHANA.P	4	3	3	18	72
20	CB17S 378322	KOWSALYA.R	5	5	5	24	96
21	CB17S 378323	MALINI.C	5	5	2	22	88
22	CB17S 378324	MANJU.D	5	5	4	24	96
23	CB17S 378325	NISHANTHINI.M	4	5	5	20	80
24	CB17S 378326	NITHYAPRIYA.M	5	5	3	23	92
25	CB17S 378328	PAVITHA.A	3	3	3	15	60
26	CB17S 378329	PRABA.T	5	5	3	23	92
27	CB17S 378330	PRABHA NITHI.M	3	3	2	18	72
28	CB17S 378331	PRADEEPA.C	3	2	2	17	68
29	CB17S 378332	PRIYA.V	4	3	3	18	72
30	CB17S 378333	ROHINI.M	4	3	3	18	72
31	CB17S 378334	SANDHIYA.R	4	4	5	19	76
32	CB17S 378335	SANGEETHA.R	3	2	4	16	64

33	CB17S 378336	SANTHIYA.S				18	
34	CB17S 378337	SARMILA.M.R	3	3	3	17	68
35	CB17S 378338	SHYMA.B	4	3	3	20	80
36	CB17S 378339	SOWMIYA.K	5	4	3	23	92
37	CB17S 378340	SRIMATHI.S	3	3	3	19	76
38	CB17S 378341	VEDHANAYAGLM	3	3	3	19	76
AVERAGE			4.0811	3.8378	3.2162		

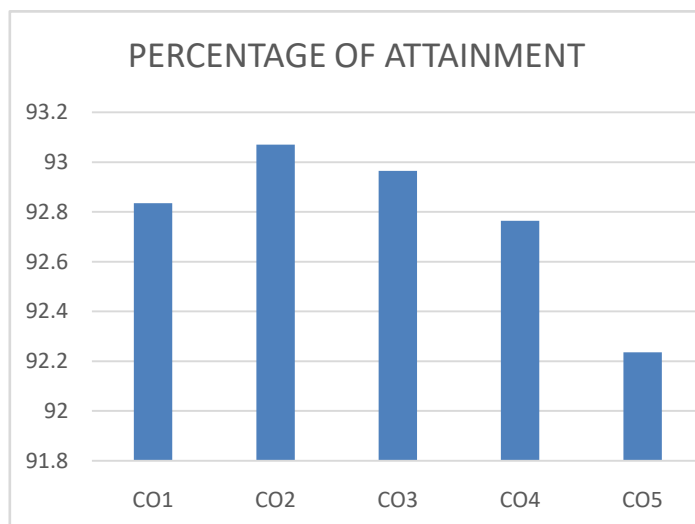
COURSE ATTAINMENT FOR B.Sc., BIOTECHNOLOGY

SUBJECT NAME Fundamentals of Microbiology

SUBJECT CODE 16SCCMB1

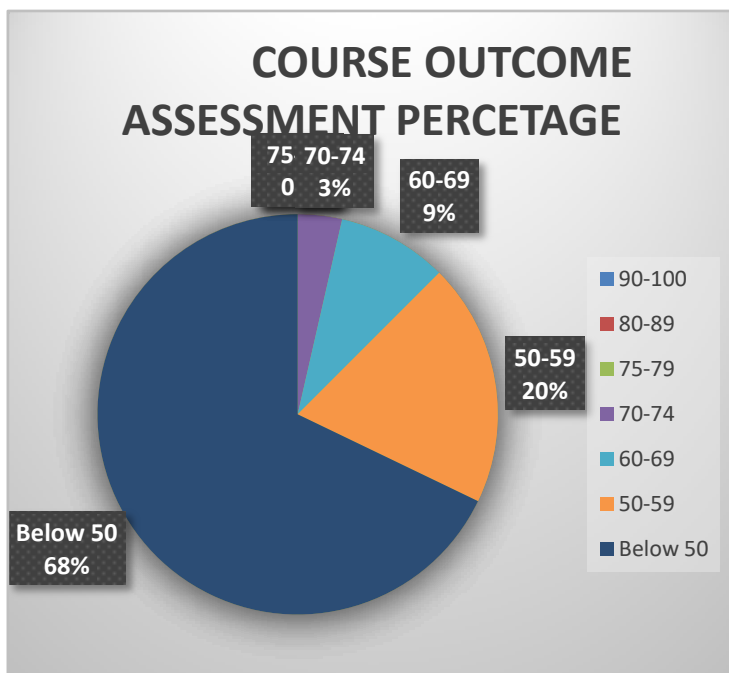
NO. OF STUDENTS 38


COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.8353
CO2	93.0706
CO3	92.9647
CO4	92.7647
CO5	92.2353



COURSE	
CATEGORY (MARKS)	NO. OF STUDENTS
90-100	0
80-89	0
75-79	0
70-74	2
60-69	5
50-59	11
0-49	38

COURSE	
CATEGORY (MARKS)	PERCENTAGE %
90-100	0
80-89	0
75-79	0
70-74	4.347826087
60-69	10.86956522
50-59	23.91304348
Below 50	82.60869565




 PRINCIPAL
 Meenakshi Chandrasekaran
 College of Arts and Science
 Karambayam, Pattukkottai-614623
 Thanjavur-District