



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

PROGRAM OUTCOME M.Sc:MICOBIOLOGY

PO1	Demonstrate holistic knowledge on the various facets of microbiology
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling microbes safely, following proper microbiological procedures, and so on.
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry, environment, genetics, agriculture, food, and others.
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 implement corrective actions.

COURSE : Bioprocess Technology

SUB CODE P16MB42

COURSE OUTCOME

CO1	Understand the strategies of strain selection and improvement
CO2	Understand the fermentation technology
CO3	Formulation and modification of media
CO4	Explain fermented foods, food intoxications, food spoilage and sanitation
CO5	Discuss legal protection, IPR

PO →	PO1	PO2	PO3	PO4	PO5
CO1	2	3	1	2	2
CO2	3	3	3	1	2
CO3	2	3	2	3	1
CO4	2	3	2	2	2
CO5	3	3	3	1	2
AVE	2.4	3	2.2	1.8	1.8

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOT	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	P17390401	ABINAYA.D	3	3	3	3	3	18	72
2	P17390402	ABIRAMI.B	3	3	3	3	3	18	72
3	P17390403	ANUSUYA.N	3	3	3	3	3	18	72
4	P17390404	BUVANESWARI.G	4	3	2	4	4	17	68
5	P17390405	DEEPA.P	4	4	4	4	4	20	80
6	P17390406	DEVADHARSHINI.G	4	4	3	3	3	17	68
7	P17390407	EZHILARASI.R	5	5	5	4	3	22	88
8	P17390408	GAYATHRI.K	3	3	3	3	4	16	64
9	P17390409	JAYABHARATHI.S	3	3	3	3	4	16	64
10	P17390410	OVIYA.S	3	3	3	3	4	16	64
11	P17390411	PAVITHRA.G	3	3	4	4	4	18	72
12	P17390412	POOJAMEENA.P	3	4	4	4	4	19	76
13	P17390413	PRIYALATHA.G	4	4	4	5	5	22	88
14	P17390414	PRIYANKA.A	5	4	4	3	4	20	80
15	P17390415	SIVARANJANI.R	3	5	4	3	3	18	72
16	P17390416	SOUNDHARYA.S	5	4	4	3	4	20	80
17	P17390417	VINITHA.B	4	4	4	3	5	22	88
AVERAGE			3.65	3.647	3.529	3.412	3.7647		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+	END SEM	TOTAL	%
CO1	3.76	75	78.76	92.66
CO2	3.79	75	78.79	92.69
CO3	3.68	75	78.68	92.56

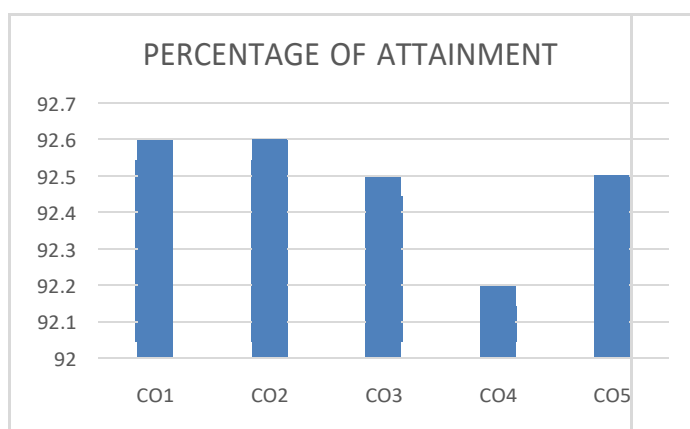
CO4	3.42	75	78.42	92.26
CO5	3.65	75	78.65	92.53

SUBJECT NAME: BIOPROCRSS TECHNOLOGY

SUBJECT CODE: P16MB42

NO. OF STUDENTS:17

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.6
CO2	92.6
CO3	92.5
CO4	92.2
CO5	92.5



COURSE ATTAINMENT FOR M.SC., MICROBIOLOGY

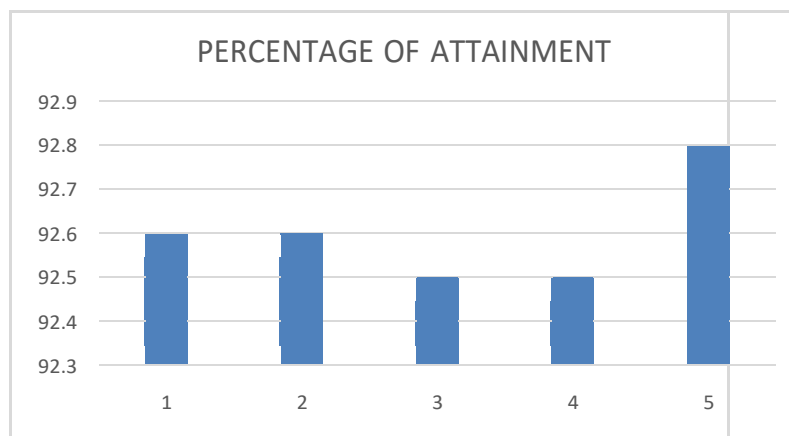
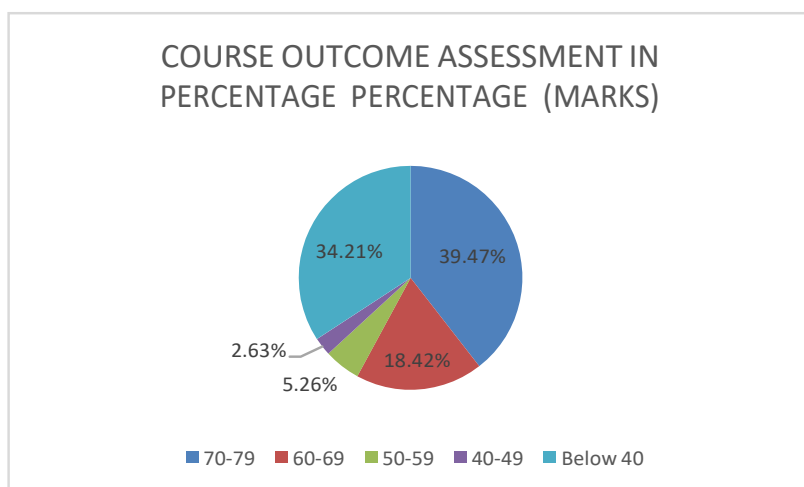
SUBJECT NAME:BIOPROCESS TECHNOLOGY

SUBJECT CODE :P16MB42

NO.OF STUDENTS:17

OUTCOME ASSESSMENT	COURSE STATUS
CAT (MA)	NO.OF STUDENTS
90-	0
80-89	0
70-79	15
60-69	7
50-59	2
40-49	1
Below	13

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATE (MAR)	PERCENTAGE	STATUS
70-79	39.47%	DISTINCTION
60-69	18.42%	VERY GOOD
50-59	5.26%	GOOD
40-49	2.63%	AVERAGE
Below	34.21%	REAPPEAR



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 safely, following proper microbiological procedures, and so on.
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry, environment, genetics, agriculture, food, and others.
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes
PO5	Engage in lifelong learning in the broadest context of scientific advancement

COURSE : Biochemistry SUB CODE : 16SACBC1

COURSE OUTCOME

CO1	Understand the biological & chemical nature and functions of cells.
CO2	Describe the basics of bio-molecules synthesizing mechanisms and their regulations.
CO3	Explain about biological energy sources and transferring molecules.
CO4	Illustrate the molecules associated with metabolic functional systems.
CO5	Examine the basics of bio-molecules' synthesizing mechanisms and regulations.

PO	PO1	PO2	PO3	PO4	PO5
CO1	2	2	3	2	2
CO2	2	2	3	3	2
CO3	1	3	3	3	2
CO4	2	2	3	2	3
CO5	2	3	3	1	2
AVE	1.8	2.4	3	2.2	2.2

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST (15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOT	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL
1	CB18S 379591	GAYATHRI.R	3	3	3	4	5	18	72
2	CB18S 379592	JAYADEVI.K	3	3	3	4	5	18	72
3	CB18S 379593	KALAIVANI.V	3	3	3	4	5	18	72
4	CB18S 379594	KALPANADEVIL.G	3	3	2	4	5	17	68
5	CB18S 379595	KEERTHANA.S	4	4	4	4	4	20	80

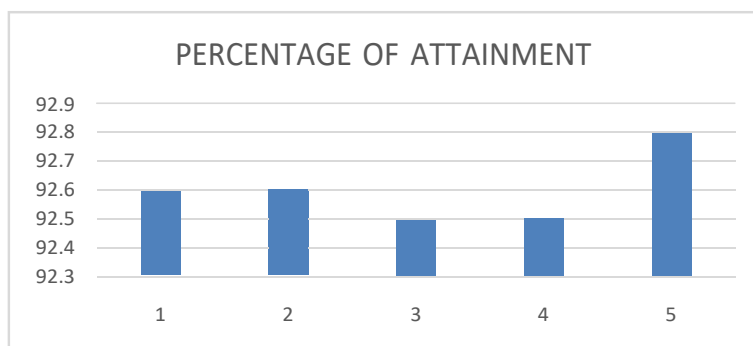
6	CB18S 379596	MUTHULAKSHMI.P	4	4	3	3	3	17	68
7	CB18S 379597	MUTHUSELVI.N	5	5	5	4	3	22	88
8	CB18S 379598	NANTHINI.M	3	3	3	3	4	16	64
9	CB18S 379599	NITHYASRI.V	3	3	3	3	4	16	64
10	CB18S 379600	NIVETHA.R	3	3	3	3	4	16	64
11	CB18S 379601	PRAVINA.S	3	3	4	4	4	18	72
12	CB18S 379602	PRIYADHARSHINI.J	3	4	4	4	4	19	76
13	CB18S 379603	PRIYADHARSHINI.S (21.01.200	4	4	4	5	5	22	88
14	CB18S 379604	PRIYADHARSHINI.S (27.12.200	5	4	4	5	4	22	88
15	CB18S 379606	RAJONI.R	4	5	4	3	4	20	80
16	CB18S 379607	RASIKA.R	4	4	4	3	3	18	72
17	CB18S 379608	SANTHIYA.S	4	4	4	4	4	20	80
18	CB18S 379609	SELCIYA.S	3	4	5	5	5	22	88
19	CB18S 379610	SEMPARUTHI.S	3	3	4	3	3	16	64
20	CB18S 379611	SHAHEEN BANU.M	4	4	3	3	4	18	72
21	CB18S 379612	SNEKA.G	4	3	3	4	4	18	72
22	CB18S 379613	SNEKA.S	4	4	4	4	4	20	80
23	CB18S 379614	SRILEKHA.M	4	4	4	5	5	22	88
24	CB18S 379615	SUBASHINI.M	5	4	4	3	4	20	80
25	CB18S 379616	SUBASRI.M	3	4	3	5	5	20	80
26	CB18S 379618	VINOTHINI.K	5	5	4	3	2	19	76
27	CB18S 379619	YUVASRI.G	5	4	4	2	3	18	72

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL	%
CO1	3.71	75	78.71	92.6
CO2	3.79	75	78.79	92.69
CO3	3.63	75	78.63	92.51
CO4	3.66	75	78.66	92.54
CO5	3.94	75	78.94	92.87

SUBJECT NAME: BIOCHEMISTRY

NO. OF STUDENTS:35

PERCENTAGE OF ATTAINMENT	COURSE OUTCOME
92.6	CO1
92.6	CO2
92.5	CO3
92.5	CO4
92.8	CO5



COURSE ATTAINMENT FOR B.SC., MICROBIOLOGY

SUBJECT NAME: BIOCHEMISTRY

SUBJECT CODE :16SACBC1

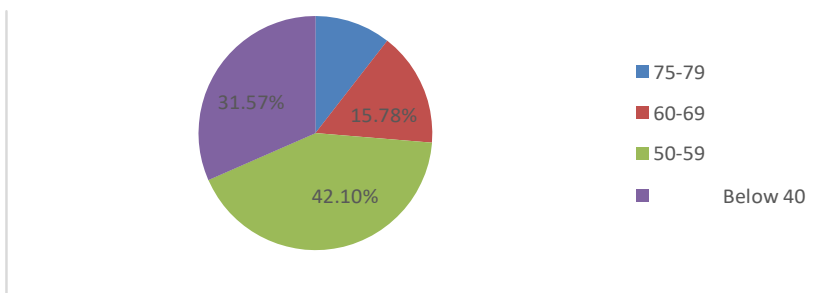
NO.OF STUDENTS:35

NO.OF STUDENTS	STATUS	CATE GOR Y
		(MAR KS)
0	OUTSTANDING	90-100
0	EXCELLENT	80-89
4	DISTINCTION	75-79
6	GOOD	60-69
16	AVERAGE	50-59
12	REAPPEAR	Below 40

RSE OUTCOME ASSESSMENT IN PERCENT		
CATE (MAR	PERCENTAGE	STATUS
75-79	10.52%	DISTINCTION
60-69	15.78%	GOOD
50-59	42.10%	AVERAGE
	31.57%	REAPPEAR

COURSE OUTCOME ASSESSMENT IN
PERCENTAGE PERCENTAGE (MARKS)

10.52%



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
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry,
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes
PO5	Demonstrate key practical competences in dealing with microorganisms for research purposes

COURSE : Agricultural and Environmental Microbiology

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

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST(15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL
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1	CB16S 376981	DEEBIKA.G	4	4	3	5	5	21	84	
2	CB16S 376982	DEVATHARANIM	4	4	4	5	5	22	88	
3	CB16S 376983	DHANALAKSHMI.A	4	4	4	5	5	22	88	
4	CB16S 376984	DIVYA BHARATHI.C	4	4	4	5	5	22	88	
5	CB16S 376985	DIVYA.S	4	4	4	5	5	22	88	
6	CB16S 376986	ELAVARASI.B	4	4	4	5	5	22	88	
7	CB16S 376987	FATHIMA APSARA.N	4	4	4	5	5	22	88	
8	CB16S 376988	GAYATHRI.S	4	4	4	4	4	20	80	
9	CB16S 376989	GOWSHIKA.S	4	4	4	5	5	22	88	
10	CB16S 376990	HATHEEJA.B	4	4	4	4	4	20	80	
11	CB16S 376991	JAYA SOORIYA.G	5	5	4	4	4	22	88	
12	CB16S 376992	JENIRABEGAM.M	4	4	5	5	5	23	92	
13	CB16S 376993	KABIYAYINI.K	5	4	5	5	5	24	96	
14	CB16S 376994	KAVIYA.B	4	5	5	5	5	24	96	
15	CB16S 376995	KEERTHIKA.K	5	5	4	3	4	21	84	
16	CB16S 376996	MAHALAKSHMI.J	5	4	4	3	4	21	84	
17	CB16S 376997	MOUNIKA.R	4	4	5	5	5	23	92	
18	CB16S 376998	MUSFEERA THASR	CB17	4	4	4	4	4	20	80
19	CB16S 376999	NADI PRIYANKA.S	5	4	4	4	4	21	84	
20	CB16S 377000	NADIYAMBAL.G	5	4	4	4	4	21	84	
21	CB16S 377001	NAHDHIYA.A	4	4	4	5	5	22	88	
22	CB16S 377002	NASIHA.A	5	5	4	3	4	21	84	
23	CB16S 377003	NASRIN.M	4	4	5	5	5	23	92	
24	CB16S 377004	NISHABANU.N	5	5	4	4	4	22	88	
25	CB16S 377005	NIVETHA.M	5	4	4	4	4	21	84	
26	CB16S 377006	NIVETHA.S (12.04.2001)	4	4	4	4	4	20	80	
27	CB16S 377007	NIVETHA.S(25.05.99)	4	4	4	4	4	20	80	
28	CB16S 377008	PAVITHRA.M	5	5	5	4	5	24	96	
29	CB16S 377009	PIREETHA.B	5	5	4	4	4	22	88	
30	CB16S 377010	PRIYA.M	5	5	4	4	4	22	88	
30	CB16S 377011	SABARISANTHIYA.R	4	4	4	4	4	20	80	
31	CB16S 377012	SABITHA.N	4	5	5	5	5	24	96	
AVERAGE			4.38	4.28	4.188	4.375	4.5			

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+	END SEM	TOTAL	%
CO1	4.33	75	79.33	93.329
CO2	4.25	75	79.25	93.235
CO3	4.17	75	79.17	93.141
CO4	4.36	75	79.36	93.365
CO5	4.5	75	79.5	93.529

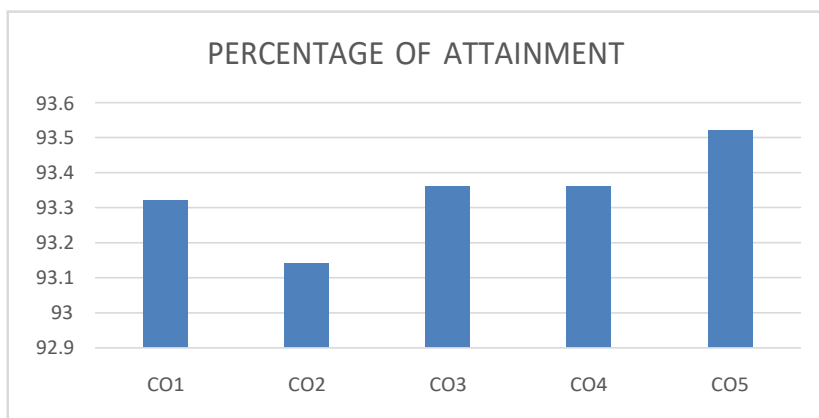
SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY

SUBJECT CODE: 16SCCMB7

NO. OF STUDENTS:31

COURSE OUTCOME	PERCENTAGE OF ATTAIMENT
CO1	93.32

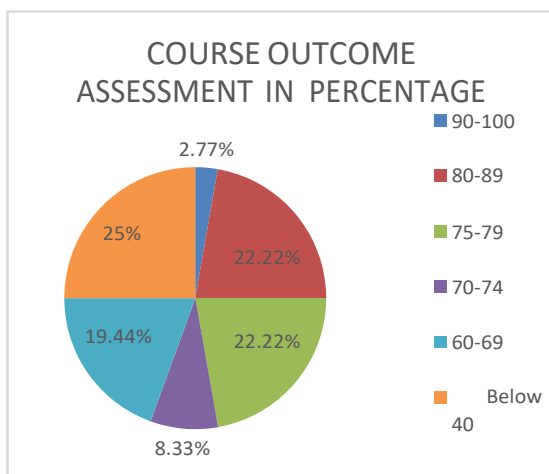
CO2	93.14
CO3	93.36
CO4	93.36
CO5	93.52



COURSE ATTAINME SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY
 SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY
 SUBJECT CODE :16SCCMB7
 NO.OF STUDENTS:31

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.O F	STATUS
90-100	1	OUTSTAN
80-89	8	EXCELLE
75-79	8	DISTINCT
70-74	3	VERY
60-69	7	GOOD
50-59	0	AVERAGE
Below 40	9	REAPPEA

SE OUTCOME ASSESSMENT IN PERCENT		
CATE (MAR	PERCENTAGE	STATUS
90-	2.77%	OUTSTANDING
80-89	22.22%	EXCELLENT
75-79	22.22%	DISTINCTION
70-74	8.33%	VERY GOOD
60-69	19.44%	GOOD
	25%	REAPPEAR



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
PO3	Apply microbiological principles to a wide range of fields such as medicine, industry,
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes
PO5	Demonstrate key practical competences in dealing with microorganisms for research purposes

COURSE : Agricultural and Environmental Microbiology

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

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)		
	UNIT TEST(15)	SEMINAR (5)	ASSIGNMENT (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL
1	CB16S 376981	MALAVIKA.P	4	4	3	5	5	21	84
2	CB16S 376982	MAMTHA.E	4	4	4	5	5	22	88
3	CB16S 376983	MERLIN MARIYA.M	4	4	4	5	5	22	88
4	CB16S 376984	NIVETHA.G	4	4	4	5	5	22	88
5	CB16S 376985	NIVETHA.R	4	4	4	5	5	22	88
6	CB16S 376986	PAGIRATHI.R	4	4	4	5	5	22	88
7	CB16S 376987	PAVITHRA.I	4	4	4	5	5	22	88
8	CB16S 376988	PAVITHRA.S (07.05.2001)	4	4	4	4	4	20	80
9	CB16S 376989	PAVITHRA.S (26.05.2001)	4	4	4	5	5	22	88
10	CB16S 376990	PRAGADEESWARI.S	4	4	4	4	4	20	80
11	CB16S 376991	PRIYADHARSHINI.S	5	5	4	4	4	22	88
12	CB16S 376992	RAMYA.V	4	4	5	5	5	23	92
13	CB16S 376993	RASHEEKA.A	5	4	5	5	5	24	96
14	CB16S 376994	SANGEETHA.C	4	5	5	5	5	24	96
15	CB16S 376995	SARANYA.D	5	5	4	3	4	21	84
16	CB16S 376996	SARIKA.I	5	4	4	3	4	21	84
17	CB16S 376997	SELVAPRIYA.K	4	4	5	5	5	23	92
18	CB16S 376998	SHAFRIN BANU.Z	CB18	4	4	4	4	20	80
19	CB16S 376999	SINEKA.R	5	4	4	4	4	21	84
20	CB16S 377000	SIVAPRIYA.S	5	4	4	4	4	21	84
21	CB16S 377001	SIVASAKTHI RAMAJAYA	4	4	4	5	5	22	88
22	CB16S 377002	SNEKA.R	5	5	4	3	4	21	84
23	CB16S 377003	SUMAIYA.A	4	4	5	5	5	23	92
24	CB16S 377004	SURAKSHA.R	5	5	4	4	4	22	88
25	CB16S 377005	SWATHIKA.S	5	4	4	4	4	21	84
26	CB16S 377006	VISHMA.K	4	4	4	4	4	20	80
AVERAGE			4.35	4.19	4.154	4.423	4.538		

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+	END SEM	TOTAL	%
CO1	4.33	75	79.33	93.329
CO2	4.25	75	79.25	93.235
CO3	4.17	75	79.17	93.141
CO4	4.36	75	79.36	93.365
CO5	4.5	75	79.5	93.529

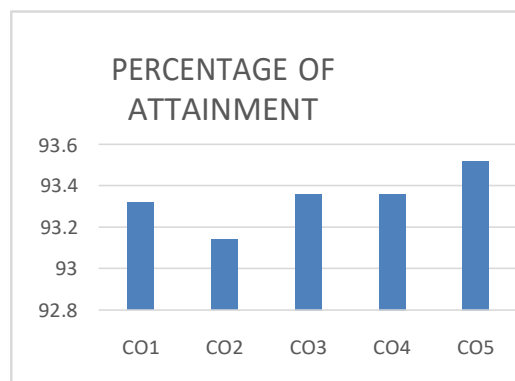
SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY

SUBJECT CODE: 16SCCMB7

NO. OF STUDENTS:31

COURSE OUTCOME	PERCENTAGE OF ATTAIMENT
CO1	93.32
CO2	93.14
CO3	93.36

CO4	93.36
CO5	93.52



COURSE ATTAINMENT FO SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY

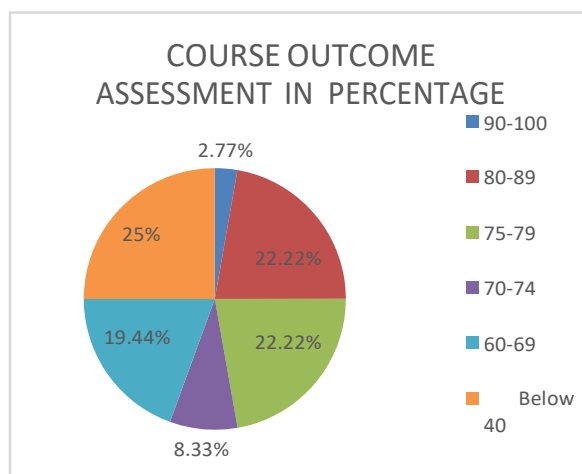
SUBJECT NAME: AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY

SUBJECT CODE :16SCCMB7

NO.OF STUDENTS:31

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.O F	STATUS
90-100	1	OUTSTAN
80-89	8	EXCELLE
75-79	8	DISTINCT
70-74	3	VERY
60-69	7	GOOD
50-59	0	AVERAGE
Below 40	9	REAPPEA

SE OUTCOME ASSESSMENT IN PERCENT		
CATE (MAR)	PERCENTAGE	STATUS
90-	2.77%	OUTSTANDING
80-89	22.22%	EXCELLENT
75-79	22.22%	DISTINCTION
70-74	8.33%	VERY GOOD
60-69	19.44%	GOOD
	25%	REAPPEAR



PROGRAM OUTCOME

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

COURSE : IMMUNOLOGY

CO1	Describe the history of immunology and immunohematology.
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

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

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	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARK
1	CB18C 57837	KIRUTHIKA.V	5	4	5	4	5	23	92
2	CB18C 57838	MADHUMATHI.K	4	4	3	5	5	21	84
3	CB18C 57839	MADHUSRI.S	4	4	4	5	5	22	88
4	CB18C 57840	MAHESWARI.R	4	4	4	5	5	22	88
5	CB18C 57841	MALINI.G	4	4	4	5	5	22	88
6	CB18C 57842	MANIMALA.S	4	4	4	5	5	22	88
7	CB18C 57843	MARIYAM.A	4	4	4	5	5	22	88
8	CB18C 57844	MISTIKA ROSY.K	4	4	4	5	5	22	88

9	CB18C 57845	MOUNIKA.A	4	4	4	4	4	20	80
10	CB18C 57846	MOUNIKA.T	4	4	4	5	5	22	88
11	CB18C 57847	NALINI.R	4	4	4	4	4	20	80
12	CB18C 57848	NANCY.J	5	5	4	4	4	22	88
13	CB18C 57849	NANDHINI.A	4	4	5	5	5	23	92
14	CB18C 57850	NARMADHA.B	5	4	5	5	5	24	96
15	CB18C 57851	NISHA.S	4	5	5	5	5	24	96
16	CB18C 57852	NISHALI.P	5	5	4	3	4	21	84
17	CB18C 57853	PAPITHA.R	5	4	4	3	4	21	84
18	CB18C 57854	PRAVEENA.A	4	4	5	5	5	23	92
19	CB18C 57855	PRAVEENA.B	4	4	4	4	4	20	80
20	CB18C 57856	PRIYADHARSHINI	5	4	4	4	4	21	84
21	CB18C 57857	PRIYADHARSHINI	5	4	4	4	4	21	84
22	CB18C 57858	PRIYADHARSHINI	4	4	4	5	5	22	88
23	CB18C 57859	RESHMA.S	5	5	4	3	4	21	84
24	CB18C 57860	SANMUGA PRIYA.	4	4	5	5	5	23	92
25	CB18C 57861	SANTHIYA.R	5	5	4	4	4	22	88
26	CB18C 57862	SANTHIYA.S	5	4	4	4	4	21	84
27	CB18C 57863	SATHYAPRIYA.N	4	4	4	4	4	20	80
28	CB18C 57864	SHARMILA.M	4	4	4	4	4	20	80
29	CB18C 57865	SINDHU.S	5	5	5	4	5	24	96
30	CB18C 57866	SIVARANJANI.R	5	5	4	4	4	22	88
31	CB18C 57867	SOUMIYA.R	4	4	5	5	5	23	92
32	CB18C 57868	SRIMATHI.M	5	5	4	4	4	22	88
33	CB18C 57869	THENMOZHI.S	5	4	4	4	4	21	84
34	CB18C 57870	UMABHARATHI.V	4	4	4	4	4	20	80
35	CB18C 57871	VANMATHI.A	4	4	4	4	4	20	80
36	CB18C 57872	VARSHINI.N	5	5	5	4	5	24	96
37	CB18C 57874	SRIMATHI.S	5	5	4	4	4	22	88
38	CB18C 57875	VEDHANAYAGI. M	5	4	4	4	4	21	84

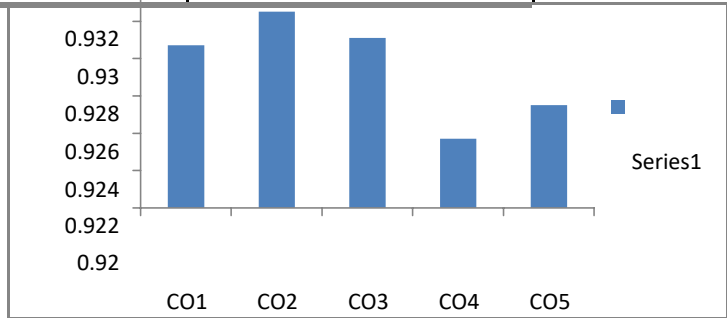
#REF!			0.00	0.00	0.00	0.00	0.00	
#REF!	2018-2019							0
#####	2018-2019							4.63
CO1	3.94							4.81
CO2	4.09							4.67
CO3	3.97							4.14
CO4	3.52							4.31
CO5	3.67							3.67

ATTAINMENT FOR UG BIOTECHNOLOGY

**SUBJECT
NAME:
IMMUNOTE
CHNOLOGY
SUBJECT
CODE:
16SMBEBT3**

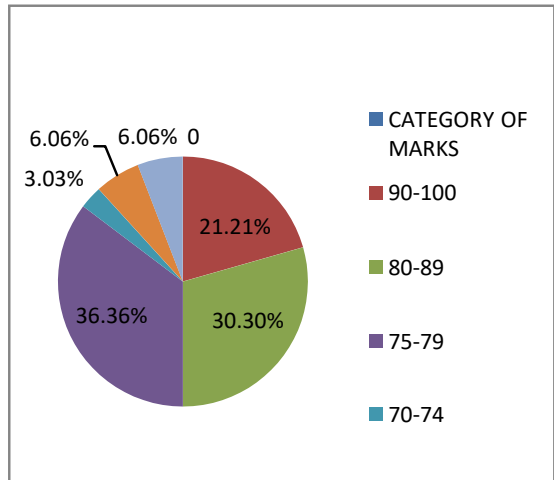
COURSE OUTCOME	PERCENTAGE OF
CO1	92.87


CO2	93.95
CO3	92.91
CO4	92.37
CO5	92.55



CATEGORY OF MARKS	NO.OF STUDENTS
90-100	7
80-89	10
75-79	12
70-74	1
60-69	2
50-59	2
0-49	0

CATEGORY OF MARKS	PERCENTAGE
90-100	21.21%
80-89	30.30%
75-79	36.36%
70-74	3.03%
60-69	6.06%
50-59	6.06%




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