



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME : BSc N&D	
RCCSND9 DIETETICS-II	COURSE OUTCOME	
	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABINAYA.S	CB15S393856	4	4	4	4	4	20	80
2	ABINAYA SUNDARI.S	CB15S393857	5	5	5	4	4	23	92
3	AJJUMMAANSARI.T	CB15S393858	5	5	4	5	5	24	96
4	ANJUKANWAR	CB15S393859	5	5	5	5	5	25	100
5	BALAKRISHNAN.U.R	CB15S393860	4	4	4	4	4	20	80
6	BHARANIKA.S	CB15S393861	4	4	4	4	4	20	80
7	BHUVANESWARI.R	CB15S393862	5	4	4	4	4	21	84
8	DHARANI.M	CB15S393863	5	5	5	5	5	25	100
9	DIVYA.K	CB15S393864	5	5	3	3	4	20	80
10	GAYATHIRI.M	CB15S393865	3	3	5	4	5	20	80
11	HAMSAVARTHANI.S	CB15S393866	5	5	5	5	5	25	100
12	JAYAMANI.S	CB15S393867	4	4	4	4	4	20	80
13	KRISHNAVENI.R	CB15S393868	4	4	4	4	4	20	80
14	LEENA JENIFER.J	CB15S393869	5	5	3	3	4	20	80
15	LINGAPERUMAL.M	CB15S393870	3	3	5	5	4	20	80
16	MADHAN.S	CB15S393871	5	4	3	5	3	20	80
17	MAHALAKSHMI.M	CB15S393872	5	5	4	5	4	23	92
18	MAHESWARGANDHI.S	CB15S393873	4	4	4	4	4	20	80
19	MALAVIKA.K	CB15S393874	3	5	5	3	4	20	80
20	MISHMA.M	CB15S393875	5	5	4	5	5	24	96
21	MOUNIKA.P	CB15S393876	5	5	5	4	4	23	92
22	NANDHINI.C	CB15S393877	5	4	5	3	3	22	88
23	NANDHINI.S	CB15S393878	5	4	4	5	3	20	80
24	PADMAPRIYA.E	CB15S393879	4	4	4	4	4	20	80
25	PORKODI.R	CB15S393880	5	5	5	5	4	24	96
26	PRIYADHARSHINI.M	CB15S393881	4	5	5	5	5	24	96
27	PRIYANKA.R	CB15S393882	5	5	4	4	4	22	88
28	SABARIMANI.B	CB15S393883	5	4	4	5	4	22	88
29	SAMEERA BANU.A	CB15S393884	5	5	5	5	4	24	96
30	SOWMIYA.V	CB15S393886	5	5	4	5	5	24	96



31	SUBALAKSHMI.S	CB15S393887	5	5	5	5	5	25	100
32	SURUDHI.V	CB15S393888	5	5	5	5	4	24	96
33	SURIYA.K	CB15S393889	4	4	4	4	4	20	80
34	TRESA JOSEPH.J	CB15S393890	5	5	4	5	4	23	92
35	UTHAYA.B	CB15S393891	4	3	4	5	4	20	80
36	VENCY LIBANA.H	CB15S393892	4	4	4	4	4	20	80
37	VENNILA.A	CB15S393893	4	4	4	4	4	20	80
38	VIDHYA.A	CB15S393894	4	4	4	4	4	20	80
39	VIDHYA.C	CB15S393895	4	4	5	4	4	21	84
40	VUJAYALAKSHMI.M	CB15S393896	5	4	5	4	4	22	88
41	YASMINE FATHIMA.N	CB15S393897	5	5	5	5	5	25	100
	AVERAGE		4.512195122	4.414634146	4.341463	4.365854	4.170731707		



Expected attainment in each CO -85%

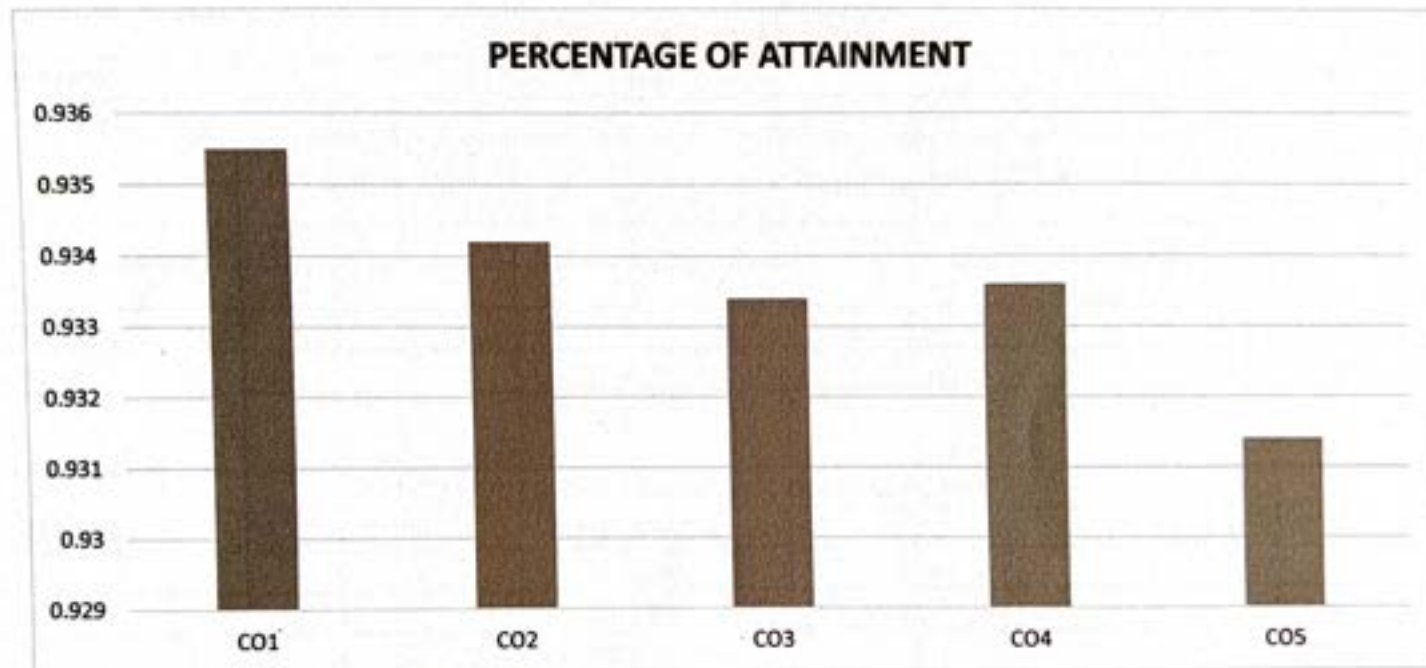
CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.52	75	79.52	93.55294118
CO2	4.41	75	79.41	93.42352941
CO3	4.34	75	79.34	93.34117647
CO4	4.36	75	79.36	93.36470588
CO5	4.17	75	79.17	93.14117647

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
 SUBJECT CODE : RCCSND9
 NO OF STUDENTS : 41

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.55%
CO2	93.42%
CO3	93.34%
CO4	93.36%
CO5	93.14%





COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
SUBJECT CODE : RCCSND9
NO OF STUDENTS : 41

COURSE OUTCOME ASSESSMENT

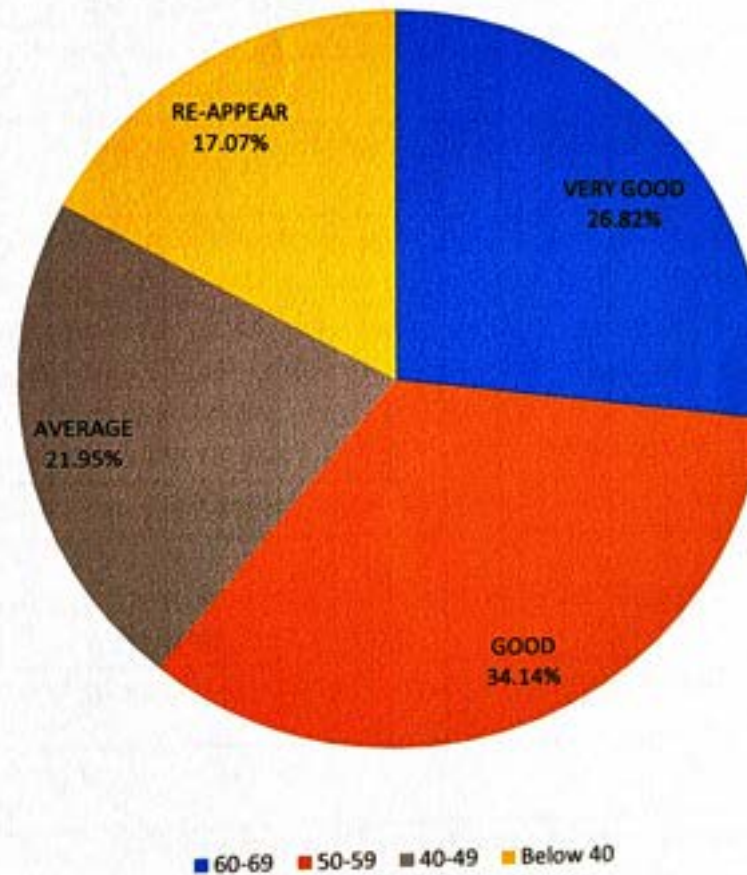
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	0	EXCELLENT
70-79	0	DISTINCTION
60-69	11	VERY GOOD
50-59	14	GOOD
40-49	9	AVERAGE
Below 40	7	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY(MARKS)	PERCENTAGE	STATUS
60-69	26.82%	VERY GOOD
50-59	34.14%	GOOD
40-49	21.95%	AVERAGE
Below 40	17.07%	RE- APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE




PRINCIPAL
Bharath College of Science and Management
Bharath Avenue (Near New Bus Stand)
THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

(UGC Recognized 2(f) & 12(b) Institution)

Attainment of Program outcomes and Course outcomes

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME-BSc., N&D - FOOD SCIENCE(RCCND1)

COURSE OUTCOME

CO1	Obtain knowledge of different food groups, their composition and their role in diet
CO2	Study different methods of cooking foods
CO3	Understand the major chemical reactions that occur during food preparation and storage
CO4	Obtain knowledge about the nutrients present in foods
CO5	Able to describe the techniques that can be used to monitor quality of raw ingredients and final products.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	3	2	3
CO3	3	3	2	2	2
CO4	3	2	3	3	3
CO5	3	3	2	3	3
Average	3	2.6	2.4	2.6	2.8

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



REGISTER NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
CB17S394686	AARTHIL.C	3	3	3	3	3	15	60
CB17S394687	AARTHIL.S	3	3	3	3	4	16	64
CB17S394688	ABDULMAJEED.F	3	3	3	3	3	15	60
CB17S394689	AMBIKA.R	3	3	3	3	4	16	64
CB17S394690	ANITHA.k	3	3	4	4	5	19	76
CB17S394691	ARAVIND.S	3	3	3	3	3	15	60
CB17S394692	ARAVINTHAN.P	3	3	3	3	3	15	60
CB17S394693	AWLIN SEREBIA.A	3	3	3	4	4	17	68
CB17S394694	AYASHA.A	4	4	4	4	4	20	80
CB17S394695	BHUVANESHWAR.LV	3	3	3	4	4	17	68
CB17S394696	BHUVANESHWAR.LG	3	3	3	3	3	15	60
CB17S394697	DEVADARSHINI.V	3	3	4	4	4	18	72
CB17S394698	DHIVYA.U	3	3	3	3	3	15	60
CB17S394699	DIVYA.S	3	3	3	3	4	16	64
CB17S394700	ELAMPARITHIL.L	3	3	3	3	3	15	60
CB17S394701	EZHIL.M	3	3	3	3	3	15	60
CB17S394702	GAYATHRI.J	3	3	3	3	4	16	64
CB17S394703	HARNISH TONY JAWAHARA	3	3	3	3	3	15	60
CB17S394704	INIYASREE.S	3	3	3	3	3	15	60
CB17S394705	JANAKI.G	3	3	3	3	3	15	60
CB17S394706	JENIFER. I	5	5	5	5	5	15	60
CB17S394707	JOTHISWAR.LV	3	3	3	3	4	16	64
CB17S394708	KARTHIKPRIYA.L	3	3	3	3	3	15	60
CB17S394709	KEERTHANA.RD	3	3	3	4	4	17	68
CB17S394710	KEERTHIKA.D	3	3	4	4	4	18	72
CB17S394711	KIRUTHIKA.K	3	3	3	3	3	15	60
CB17S394712	KIRUTHIKA.S	3	3	3	3	3	15	60
CB17S394713	MAHIMA.M	3	3	3	3	3	15	60



CB17S394714	MENAKA.G	4	4	4	4	4	20	80
CB17S394715	MERBIN ASHA.S	3	3	4	4	5	19	76
CB17S394716	MICHAEL JANCY MARY.S	3	3	3	4	4	17	68
CB17S394717	NERUPA.S	4	4	4	4	4	20	80
CB17S394718	PAVITHRA.K	3	3	4	4	5	19	76
CB17S394719	PAVITHRA.T	4	4	4	4	5	21	84
CB17S394720	PRATHIBA. k	3	3	3	3	3	15	60
CB17S394721	PRATHIKA.B	3	3	3	3	3	15	60
CB17S394722	RAHINI.V	3	3	3	3	3	15	60
CB17S394723	RAJARAJESHWARI.P	3	3	4	4	4	18	72
CB17S394724	RAMYA.V	3	3	3	4	4	17	68
CB17S394725	RUFINA.A	3	3	3	3	4	16	64
CB17S394726	SADAMHUSSAIN.J	3	3	4	4	5	19	76
CB17S394727	SAKTHIPRIYA.S	3	3	3	3	3	15	60
CB17S394728	SETHUMADHAVAN.M	3	3	3	4	4	17	68
CB17S394729	SHIYAMALADEVI.R	3	3	3	3	3	15	60
CB17S394730	SIVASHENKA.S	3	3	3	3	3	15	60
CB17S394731	SUBHASRI.R	3	3	3	3	3	15	60
CB17S394732	SUMATHI.S	3	3	3	3	3	15	60
CB17S394733	SUVAITHIRA.A	3	3	3	3	3	15	60
CB17S394734	SWATHI.S	3	3	3	3	3	15	60
CB17S394735	UMAIRA BEEVLI	3	3	3	3	3	15	60
CB17S394736	VARSHA.B	3	3	3	3	3	15	60
CB17S394737	VIKASH EBI MERVIN.N	3	3	4	4	4	18	72
CB17S394738	YAZHINI.S	3	3	3	4	4	17	68
AVERAGE		3.11	3.11	3.26	3.40	3.60		



Expected attainment in each CO -85%				
CO	Int.Exam+Assignment	End sem	total	%
CO1	3.11	75	78.11	91.89
CO2	3.11	75	78.11	91.89
CO3	3.26	75	78.26	92.07
CO4	3.4	75	78.4	92.24
CO5	3.6	75	78.6	92.47

COURSE ATTAINMENT FOR B.Sc.,NUTRITION AND DIETETICS

SUBJECT NAME: FOOD SCIENCE

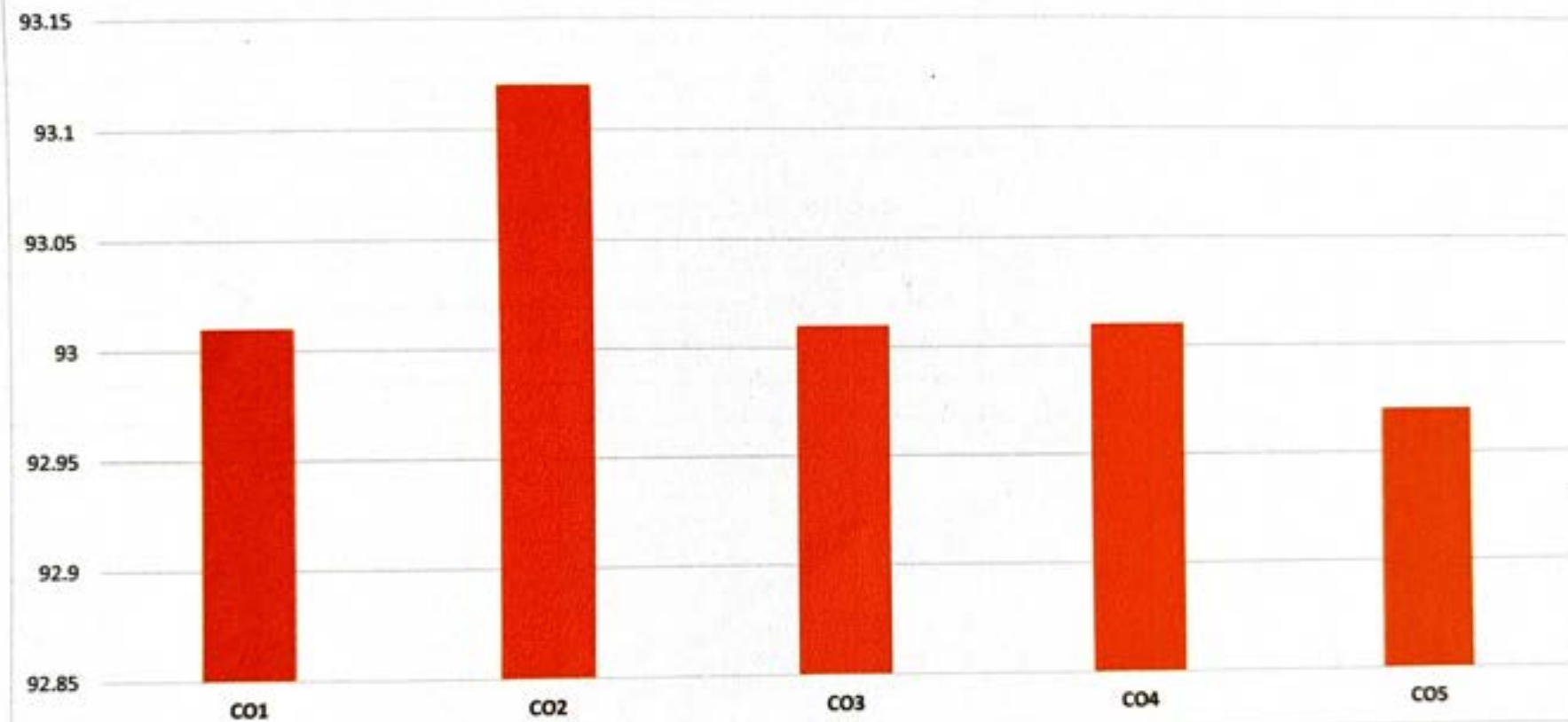
SUBJECT CODE :16SCCND1

NO.OF STUDENTS:52

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.9
CO2	92.9
CO3	92.9
CO4	93.2
CO5	93.5



PERCENTAGE OF ATTAINMENT



COURSE OUTCOME ASSESSMENT

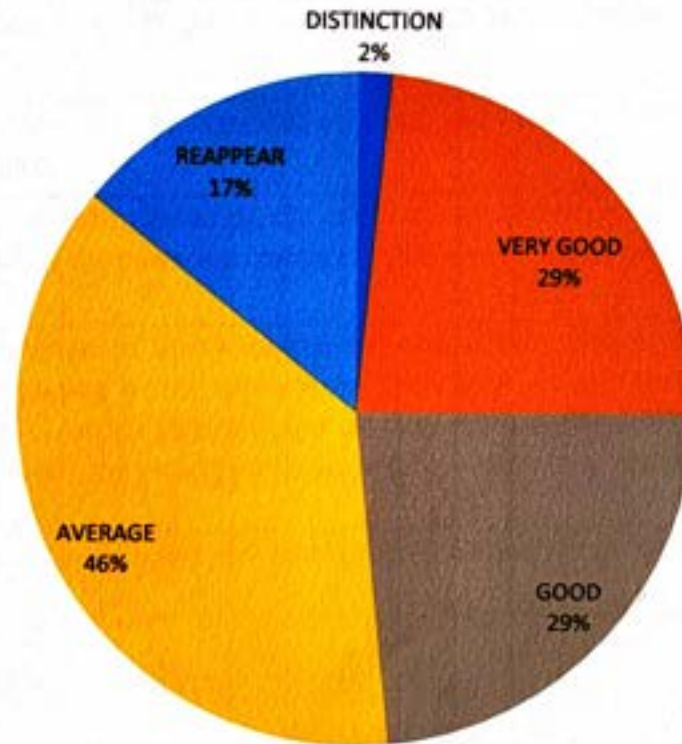
CATEGORY MARKS	NO OF	STATUS
90 and above (100)	0	OUTSTANDING
80-89	0	EXCELLENT
70-79	1	DISTINCTION
60-69	3	VERY GOOD
50-59	15	GOOD
40-49	24	AVERAGE
below 40	9	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
70-79	2%	DISTINCTION
60-69	29%	VERY GOOD
50-59	29%	GOOD
40-49	46%	AVERAGE
below 40	17%	RE-APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49 ■ below 40



PRINCIPAL

Bharath College of Science and Management
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THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and Course outcomes

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
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PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME: B.Sc : N&D

COURSE CODE & COURSE TITLE	COURSE OUTCOME	
RCCSND5 DIETETICS-I	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
ABINAYA.S	CB15S393856	3	3	3	3	3	15	60
ABINAYA SUNDARI.S	CB15S393857	5	3	3	4	4	19	76
AJJUMMAANSARI.T	CB15S393858	5	3	3	3	3	17	68
ANJUKANWAR	CB15S393859	5	4	4	3	4	20	80
BALAKRISHNAN.U.R	CB15S393860	3	3	3	3	3	15	60
BHARANIKAS	CB15S393861	5	4	4	4	4	21	84
BHUVANESWARI.R	CB15S393862	5	3	3	3	3	17	68
DHARANIM	CB15S393863	4	4	4	4	4	20	80
DIVYA.K	CB15S393864	5	3	3	3	3	17	68
GAYATHIRI.M	CB15S393865	3	3	3	3	2	14	56
HAMSAVARTHANIS	CB15S393866	5	4	4	4	4	21	84
JAYAMANIS	CB15S393867	3	3	3	3	3	15	60
KRISHNAVENI.R	CB15S393869	3	3	3	4	3	16	64
LEENA JENIFER.J	CB15S393870	3	3	3	4	4	17	68
LINGAPERUMAL.M	CB15S393871	3	3	3	3	3	15	60
MADHAN.S	CB15S393872	3	3	3	3	3	15	60
MAHALAKSHMI.M	CB15S393873	3	3	3	3	3	15	60
MAHESWARGANDHI.S	CB15S393874	3	3	3	3	3	15	60
MALAVIKA.K	CB15S393875	3	3	3	3	3	15	60
MISHMA.M	CB15S393876	4	4	4	4	4	20	80
MOUNIKA.P	CB15S393877	5	3	3	3	4	18	72
NANDHINI.C	CB15S393878	5	3	3	3	4	18	72
NANDHINI.S	CB15S393879	3	3	3	3	3	15	60
PADMAPRIYA.E	CB15S393881	3	3	3	3	5	17	68
PORKODI.R	CB15S393882	3	3	3	3	5	17	68
PRIYADHARSHINI.M	CB15S393883	3	3	5	3	3	17	68
PRIYANKA.R	CB15S393884	3	3	3	3	5	17	68
SABARIMANIB	CB15S393886	3	3	3	3	3	15	60
SAMEERA BANU.A	CB15S393887	4	4	4	4	5	21	84



SOWMIYA.V	CB15S393890	5	3	3	3	3	17	68
SUBALAKSHMI.S	CB15S393891	5	4	4	4	4	21	84
SURUDHI.V	CB15S393892	4	4	3	4	4	19	76
SURIYA.K	CB15S393893	3	3	3	3	3	15	60
TREESA JOSEPH.J	CB15S393894	4	3	3	4	5	19	76
UTHAYA.B	CB15S393895	4	3	3	3	3	16	64
VENCY LIBANA.H	CB15S393896	5	4	4	3	3	19	76
VENNILA.A	CB15S393897	5	3	3	3	3	17	68
VIDHYA.A	CB15S393898	4	3	3	3	3	16	64
VIDHYA.C	CB15S393899	3	3	3	3	3	15	60
VIJAYALAKSHMI.M	CB15S393900	4	3	3	3	3	16	64
YASMINE FATHIMA.N	CB15S393901	5	5	4	4	4	22	88
AVERAGE		3.87	3.24	3.26	3.29	3.53		



Expected attainment in each CO -85%

CO	nt.Exam+Assignmen	End sem	total	%
CO1	3.87	75	78.87	92.79
CO2	31	75	106	124.71
CO3	3.26	75	78.26	92.07
CO4	3.29	75	78.29	92.11
CO5	3.53	75	78.53	92.39

COURSE ATTAINMENT FOR B.Sc N&D

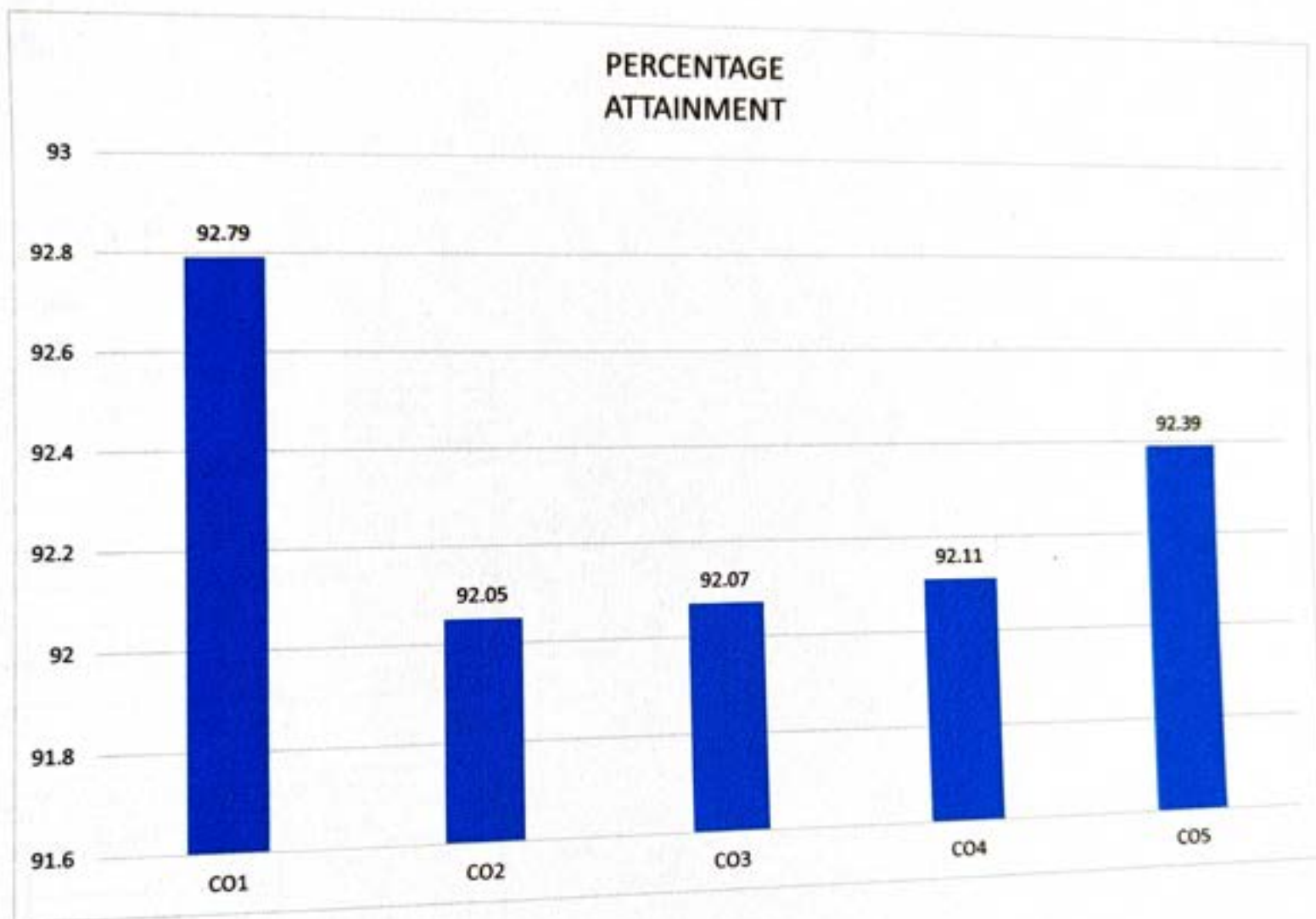
SUBJECT NAME: DIETETICS-I

SUBJECT CODE :RCCSND5

NUMBER OF STUDENTS : 41

COURSE OUTCOME	PERCENTAGE ATTAINMENT
CO1	92.79
CO2	92.05
CO3	92.07
CO4	92.11
CO5	92.39





COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME :DIETETICS-I

SUBJECT CODE : RCCSND5

NO OF STUDENTS :41

COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME :DIETETICS-I

SUBJECT CODE : RCCSND5

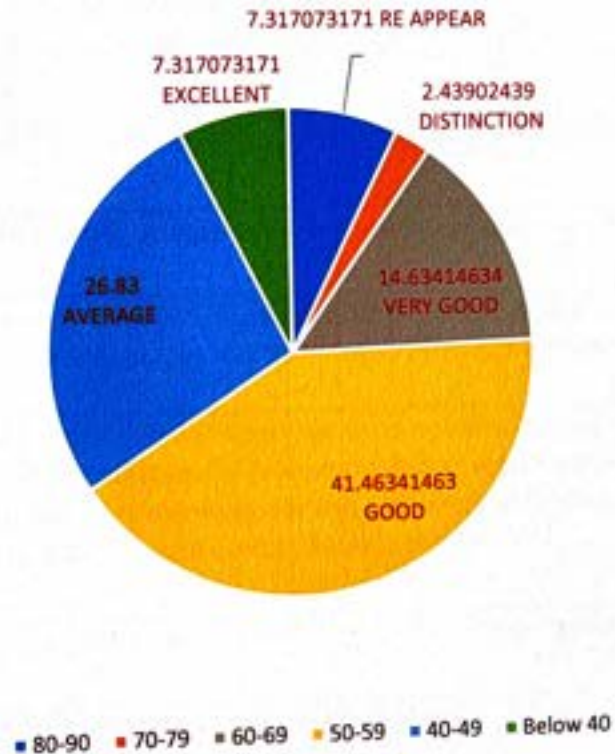
NO OF STUDENTS :41

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	3	EXCELLENT
70-79	1	DISTINCTION
60-69	6	VERY GOOD
50-59	17	GOOD
40-49	11	AVERAGE
Below 40	3	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	7.32	EXCELLENT
70-79	2.44	DISTINCTION
60-69	14.63	VERY GOOD
50-59	41.46	GOOD
40-49	26.83	AVERAGE
Below 40	7.32	RE- APPEAR



COURSE OUTCOME PERCENTAGE



[Signature]
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 Bharath College of Science and Management
 Bharath Avenue (Near New Bus Stand)
 THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT-THANJAVUR-05

(UGC Recognized 2(f) & 12(B) Institution)

Affiliated to Bharathidasan University, Tiruchirappalli.

PG & RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of programme outcomes and course outcomes

Course outcome-programme outcome Mapping.

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE COURSE - GENERAL BIOCHEMISTRY AND NUTRITION

COURSE OUTCOME

COURSE CODE&TITLE	CO1	Gain insight into Chemistry of foods
RCCSND3 GENERAL BIOCHEMISTRY AND NUTRITION	CO2	Understand the Scientific principles involved in food preparation
	CO3	Develop the scientific attitude of the students towards the principle of food chemistry
	CO4	Study the physico-chemical changes occurring in foods during cooking
	CO5	Study the physio-chemical changes occurring in foods during cooking



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	1	0	0	0
CO2	1	0	1	0	0
CO3	0	1	1	1	1
CO4	1	0	0	0	0
CO5	0	0	0	0	0
Average	3	2	2	1	1

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENTS	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	AARTHI.C	CB17S394686	3	3	3	3	3	15	60
2	AARTHI.S	CB17S394687	3	3	3	3	5	17	68
3	ABDULMAJEED.F	CB17S394688	3	4	3	3	3	16	64
4	AMBIKA.R	CB17S394689	4	4	3	3	3	17	68
5	ANITHA.k	CB17S394690	4	4	4	6	4	22	88
6	ARAVIND.S	CB17S394691	3	3	3	3	3	15	60
7	ARAVINTHAN.P	CB17S394692	3	3	3	3	3	15	60
8	AWLIN SEREBIA.A	CB17S394693	4	3	3	3	3	16	64
9	AYASHA.A	CB17S394694	4	5	4	4	4	21	84
10	BHUVANESHWARI.V	CB17S394695	4	5	4	4	4	21	84
11	BHUVANESHWARI.G	CB17S394696	3	3	3	3	3	15	60
12	DEVADARSHINI.V	CB17S394697	4	4	4	4	4	20	80
13	DHIVYA.U	CB17S394698	4	4	4	4	4	20	80
14	DIVYA.S	CB17S394699	4	4	3	3	3	17	68
15	ELAMPARITHI.L	CB17S394700	3	3	3	3	3	15	60
16	EZHIL.M	CB17S394701	3	3	3	3	3	15	60
17	GAYATHRI.J	CB17S394702	3	3	3	3	5	17	68
18	HARNISH TONY JAWAHAR.A	CB17S394703	3	3	3	3	3	15	60
19	INIYASREE.S	CB17S394704	3	3	3	3	3	15	60
20	JANAKI.G	CB17S394705	3	3	3	3	3	15	60
21	JENIFER. I	CB17S394706	4	3	3	3	3	16	64
22	JOTHISWARI.V	CB17S394707	3	3	4	3	3	16	64
23	KARTHIKPRIYA.L	CB17S394708	3	3	3	3	3	15	60
24	KEERTHANA.RD	CB17S394709	5	4	3	3	4	19	76
25	KEERTHIKA.D	CB17S394710	3	3	3	3	3	18	72
26	KIRUTHIKA.K	CB17S394711	3	3	3	3	3	15	60
27	KIRUTHIKA.S	CB17S394712	4	3	3	3	3	16	64
28	MAHIMA.M	CB17S394713	4	3	3	3	3	16	64
29	MENAKA.G	CB17S394714	5	3	3	3	4	19	76
30	MERBIN ASHA.S	CB17S394715	5	3	3	3	4	19	76



31	MICHAEL JANCY MARY.S	CB17S394716	4	4	4	4	4	20	80
32	NERUPA.S	CB17S394717	5	4	4	4	4	21	84
33	PAVITHRA.K	CB17S394718	3	3	4	3	3	16	64
34	PAVITHRA.T	CB17S394719	6	4	4	4	4	22	88
35	PRATHIBA. k	CB17S394720	3	3	3	3	3	15	60
36	PRATHIKA.B	CB17S394721	3	3	3	3	3	15	60
37	RAHINI.V	CB17S394722	4	5	3	3	3	18	72
38	RAJARAJESHWARI.P	CB17S394723	3	3	3	3	3	15	60
39	RAMYA.V	CB17S394724	3	3	3	3	3	15	60
40	RUFINA.A	CB17S394725	4	3	4	4	4	19	76
41	SADAMHUSSAIN.J	CB17S394726	3	3	3	3	3	15	60
42	SAKTHIPRIYA.S	CB17S394727	3	3	3	3	3	15	60
43	SETHUMADHAVAN.M	CB17S394728	4	5	3	3	3	18	72
44	SHIYAMALADEVI.R	CB17S394729	3	3	3	3	3	15	60
45	SIVASHENKA.S	CB17S394730	3	3	3	3	3	15	60
46	SUBHASRI.R	CB17S394731	3	3	3	3	3	15	60
47	SUVAITHIRA.A	CB17S394733	3	3	3	3	3	15	60
48	SWATHI.S	CB17S394734	3	3	3	5	4	18	72
49	UMAIRA BEEVI.I	CB17S394735	3	3	3	5	4	18	72
50	VARSHA.B	CB17S394736	4	3	3	3	3	16	64
51	VIKASH EBI MERVIN.N	CB17S394737	3	3	3	3	3	15	60
52	YAZHINI.S	CB17S394738	5	4	3	3	3	18	72
			3.557692308	3.403846	3.211538	3.288462	3.346154		



Expected attainment in each CO -85%

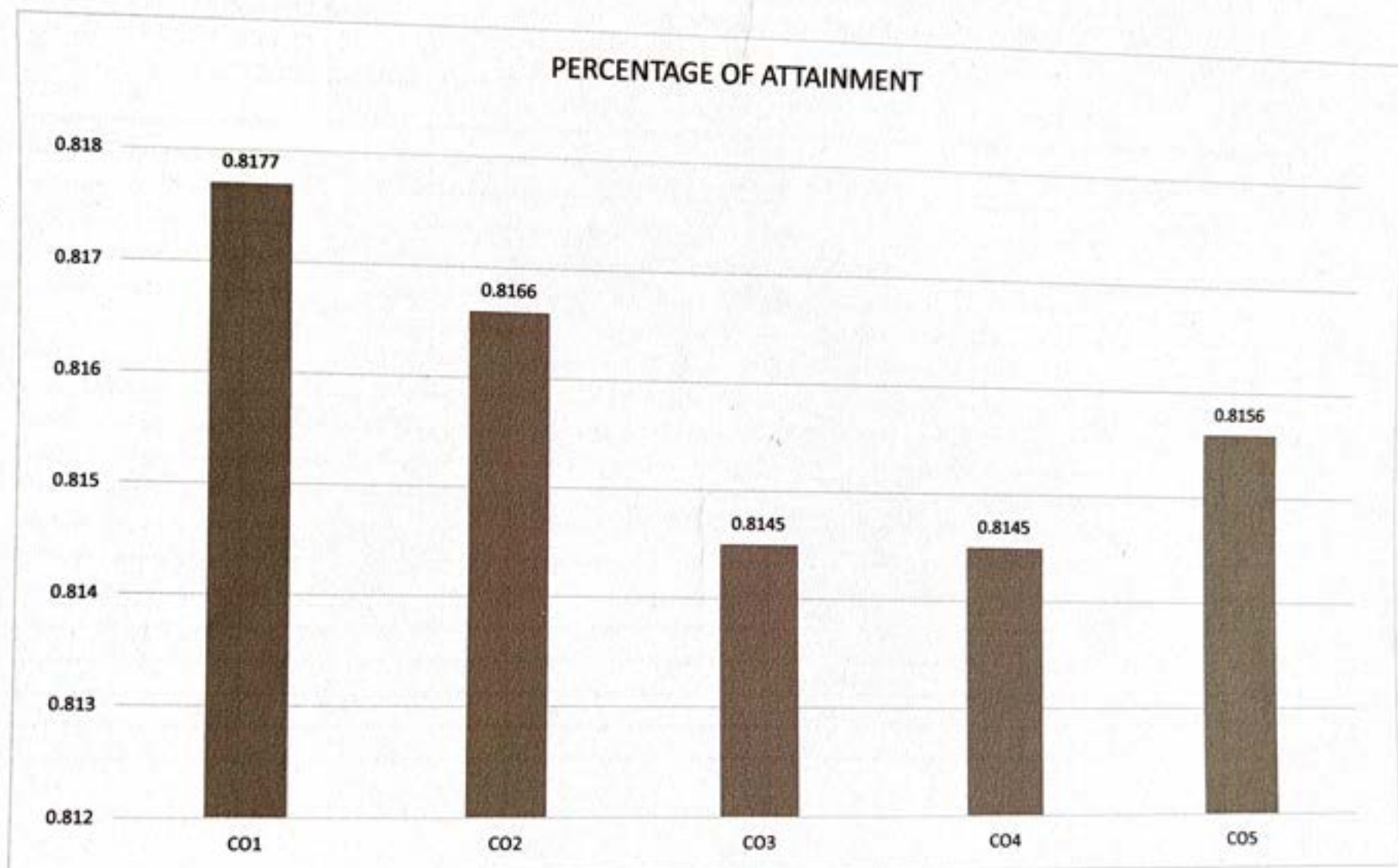
CO	Int.Exam+Assignment	End sem	total	%
CO1	3.5	75	78.5	81.77083
CO2	3.4	75	78.4	81.66667
CO3	3.2	75	78.2	81.45833
CO4	3.2	75	78.2	81.45833
CO5	3.3	75	78.3	81.5625

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : GENERAL BIOCHEMISTRY AND NUTRITION
SUBJECT CODE : RCCSND3
NO OF STUDENTS : 52

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	81.77%
CO2	81.66%
CO3	81.45%
CO4	81.45%
CO5	81.56%





COURSE ATTAINMENT FOR BSC NUTRITION AND DIETETICS

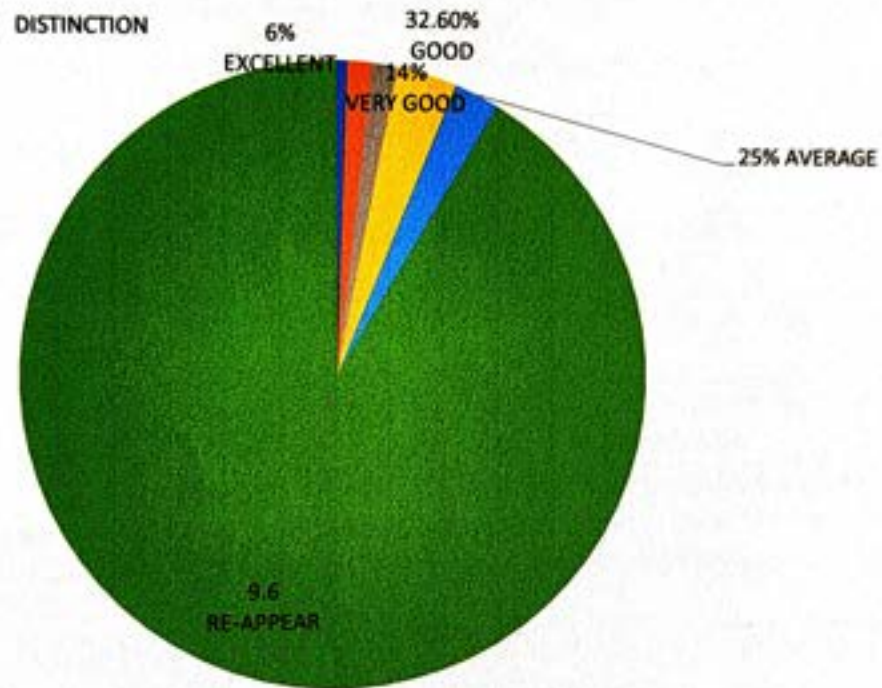
SUBJECT NAME : GENERAL BIOCHEMISTRY AND NUTRITION
SUBJECT CODE : RCCSND3
NO OF STUDENTS : 52

CATEGORY MARKS	NO OF STUDENTS	STATUS
90-100	0	OUT STANDING
80-89	3	EXCELLENT
70-79	7	DISTINCTIVE
60-69	7	VERY GOOD
50-59	17	GOOD
0-49	13	AVERAGE
BELOW 40	5	RE- APPEAR

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	6%	EXCELLENT
70-79	14%	DISTINCTIVE
60-69	14%	VERY GOOD
50-59	32.60%	GOOD
0-49	25%	AVERAGE
0-49	9.6	RE-APPEAR



COURSE OUTCOME ASSESSEMNT



80-89 70-79 60-69 50-59 0-49 0-49



[Signature]

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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (B.S.c N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - FOOD PRESERVATION AND BAKERY (MBEND1)

COURSE OUTCOME

CO1	Understand the importance of baking and confectionery
CO2	Understand the principles, role of various food components involved in baking and confectionery.
CO3	Develop skills and responsibility for setting up bakery and confectionery units
CO4	Students are able to understand the basic knowledge relating to food safety and principles of preservation
CO5	Students will understand the concept of processing and preservation of fruits and vegetables



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	1	2	0	3	3
CO2	2	0	2	2	3
CO3	2	1	3	2	2
CO4	2	0	2	2	2
CO5	2	0	2	1	3
Average	1.8	0.6	2	2	2.6

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar (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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	ABINAYA.S	CB15S393856	3	3	3	3	3	15	60
2	ABINAYA SUNDARI.S	CB15S393857	5	5	4	4	5	23	92
3	AJJUMMAANSARI.T	CB15S393858	4	4	4	4	5	21	84
4	ANJUKANWAR	CB15S393859	5	3	5	4	5	22	88
5	BALAKRISHNAN.U.R	CB15S393860	3	3	3	3	3	15	60
6	BHARANI.K.S	CB15S393861	3	4	3	3	3	16	64
7	BHUVANESWARI.R	CB15S393862	4	4	4	3	4	19	76
8	DHARANI.M	CB15S393863	5	4	4	4	4	21	84
9	DIVYA.K	CB15S393864	4	4	3	3	3	17	68
10	GAYATHIRI.M	CB15S393865	3	3	3	3	3	15	60
11	HAMSAVARTHANI.S	CB15S393866	4	5	5	5	5	24	96
12	JAYAMANI.S	CB15S393867	4	4	3	3	3	17	68
13	KRISHNAVENI.R	CB15S393868	4	4	4	3	3	18	72
14	LEENA JENIFER.J	CB15S393869	4	4	4	3	3	18	72
15	LINGAPERUMAL.M	CB15S393870	3	3	3	3	3	15	60
16	MADHAN.S	CB15S393871	3	3	3	3	3	15	60
17	MAHALAKSHMI.M	CB15S393872	4	4	3	3	3	17	68
18	MAHESWARGANDHI.S	CB15S393873	3	3	3	3	3	15	60
19	MALAVIKA.K	CB15S393874	3	3	3	3	3	15	60
20	MISHMA.M	CB15S393875	5	3	4	5	5	22	88
21	MOUNIKA.P	CB15S393876	4	4	4	4	4	20	80
22	NANDHINI.C	CB15S393877	5	3	3	3	5	19	76
23	NANDHINI.S	CB15S393878	3	3	3	3	3	15	60
24	PADMAPRIYA.E	CB15S393879	4	4	3	3	3	17	68
25	PORKODI.R	CB15S393880	5	3	3	3	5	19	76
26	PRIYADHARSHINI.M	CB15S393881	5	3	3	3	5	19	76
27	PRIYANKA.R	CB15S393882	5	3	3	3	5	19	76
28	SABARIMANI.B	CB15S393883	4	4	3	3	3	17	68
29	SAMEERA BANU.A	CB15S393884	5	5	4	4	4	22	88
30	SOWMIYA.V	CB15S393886	5	4	4	4	4	21	84
31	SUBALAKSHMI.S	CB15S393887	5	4	4	5	5	24	96



32	SURUDHI.V	CB15S393888	5	4	5	5	5	24	96
33	SURIYA.K	CB15S393889	4	4	3	3	3	17	68
34	TREESA JOSEPH.J	CB15S393890	4	5	4	4	4	21	84
35	UTHAYA.B	CB15S393891	4	4	3	3	3	17	68
36	VENCY LIBANA.H	CB15S393892	4	5	5	4	4	22	88
37	VENNILA.A	CB15S393893	4	4	4	4	4	20	80
38	VIDHYA.A	CB15S393894	4	4	3	3	3	17	68
39	VIDHYA.C	CB15S393895	3	4	3	3	3	16	64
40	VIJAYALAKSHMI.M	CB15S393896	3	3	3	3	3	15	60
41	YASMINE FATHIMA.N	CB15S393897	5	4	4	4	4	24	96
Average			4.05	3.78	3.54	3.46	3.76		



Expected Attainment in each CO - 85%

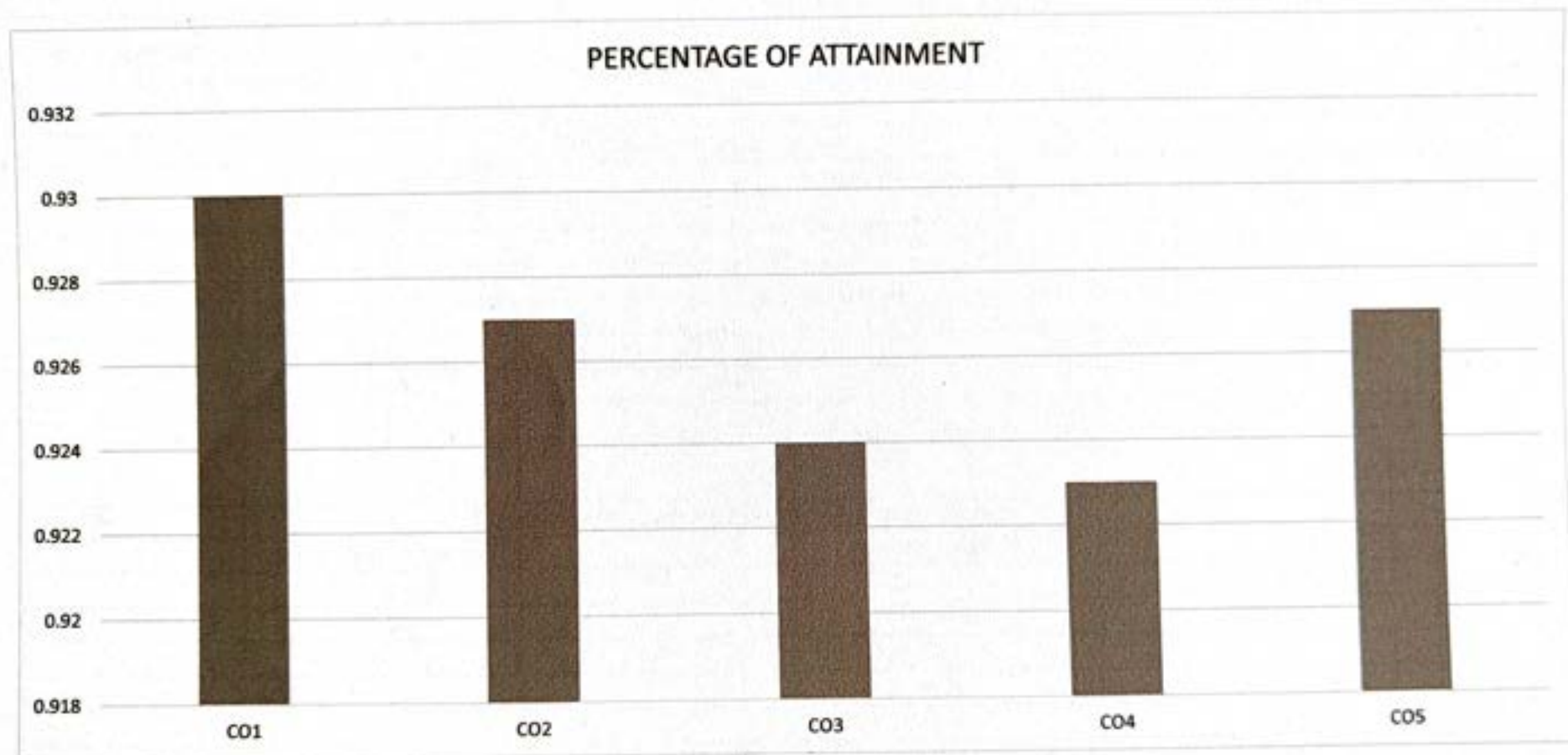
CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.05	75	79.05	93.0
CO2	3.78	75	78.78	92.7
CO3	3.54	75	78.54	92.4
CO4	3.46	75	78.46	92.3
CO5	3.76	75	78.76	92.7

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD PRESERVATION AND BAKERY
 SUBJECT CODE : MBEND1
 NO OF STUDENTS : 41

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.00%
CO2	92.70%
CO3	92.40%
CO4	92.30%
CO5	92.70%





COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

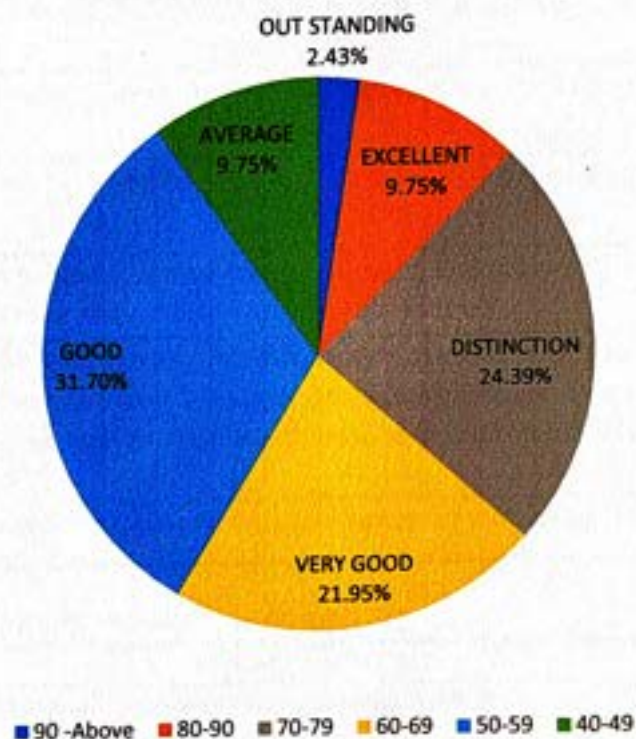
SUBJECT NAME : FOOD PRESERVATION AND BAKERY
SUBJECT CODE : MBEND1
NO OF STUDENTS : 41

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	1	OUT STANDING
80-90	4	EXCELLENT
70-79	10	DISTINCTION
60-69	9	VERY GOOD
50-59	13	GOOD
40-49	4	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	2.43%	OUT STANDING
80-90	9.75%	EXCELLENT
70-79	24.39%	DISTINCTION
60-69	21.95%	VERY GOOD
50-59	31.70%	GOOD
40-49	9.75%	AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



[Signature]
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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

(BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAM :B.SC N&D

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Gain knowledge about physio – chemical changes in foods.
FOOD STANDARD QUALITY CONTROL (RACSY82F)	CO 2	Gain knowledge on sources, uses, properties and changes in starches, sugars, proteins and browning reactions
	CO 3	Gains knowledge on the importance of quality assurance in food industry
	CO 4	Gain knowledge about proteins in foods, flavour and aroma, Common food adulterants and toxins and enzymes
	CO 5	Thorough knowledge on various tests and quality assessment, using standards for quality assessment and food safety.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	0	0	0	0
CO2	0	0	0	0	0
CO3	1	2	0	0	0
CO4	1	0	0	0	1
CO5	1	0	0	0	3
Average	0.8	0.4	0	0	0.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABINAYA.S	CB15S393856	4	4	3	4	3	18	72
2	ABINAYA SUNDARI.S	CB15S393857	4	4	4	5	5	22	88
3	AJJUMMAANSARI.T	CB15S393858	4	4	4	4	4	20	80
4	ANJUKANWAR	CB15S393859	4	4	5	5	5	23	92
5	BALAKRISHNAN.U.R	CB15S393860	5	4	3	4	3	19	76
6	BHARANIKA.S	CB15S393861	4	4	4	4	4	20	80
7	BHUVANESWARI.R	CB15S393862	4	4	4	4	5	21	84
8	DHARANI.M	CB15S393863	4	4	4	4	5	21	84
9	DIVYA.K	CB15S393864	4	4	3	3	3	17	68
10	GAYATHIRI.M	CB15S393865	4	3	3	3	3	16	64
11	HAMSAVARTHANI.S	CB15S393866	4	4	5	5	5	23	92
12	JAYAMANI.S	CB15S393867	4	4	4	4	4	20	80
13	KRISHNAVENI.R	CB15S393868	4	4	3	4	3	18	72
14	LEENA JENIFER.J	CB15S393869	4	4	4	4	5	21	84
15	LINGAPERUMAL.M	CB15S393870	5	4	3	4	3	19	76
16	MADHAN.S	CB15S393871	4	4	3	4	3	18	72
17	MAHALAKSHMI.M	CB15S393872	3	3	3	3	3	15	60
18	MAHESWARGANDHI.S	CB15S393873	4	3	3	3	3	16	64
19	MALAVIKA.K	CB15S393874	5	4	3	4	3	19	76
20	MISHMA.M	CB15S393875	4	4	4	4	4	20	80
21	MOUNIKA.P	CB15S393876	4	4	3	4	3	18	72
22	NANDHINI.C	CB15S393877	5	4	3	4	3	19	76
23	NANDHINI.S	CB15S393878	4	4	3	3	3	17	68
24	PADMAPRIYA.E	CB15S393879	4	4	3	4	3	18	72
25	PORKODI.R	CB15S393880	4	4	4	4	4	20	80
26	PRIYADHARSHINI.M	CB15S393881	5	4	3	4	3	19	76
27	PRIYANKA.R	CB15S393882	4	4	3	4	3	18	72
28	SABARIMANI.B	CB15S393883	4	4	3	3	3	17	68
29	SAMEERA BANU.A	CB15S393884	5	4	3	4	3	19	76



30	SORNAMUGHI.J	CB15S393885	3	3	3	3	3	15	60
31	SOWMIYA.V	CB15S393886	4	4	4	5	5	22	88
32	SUBALAKSHMI.S	CB15S393887	5	4	5	5	5	24	96
33	SURUDHI.V	CB15S393888	4	4	5	5	5	23	92
34	SURIYA.K	CB15S393889	4	4	3	4	3	18	72
35	TREESA JOSEPH.J	CB15S393890	4	4	4	5	5	22	88
36	UTHAYA.B	CB15S393891	5	4	3	4	3	19	76
37	VENCY LIBANA.H	CB15S393892	4	4	4	4	5	21	84
38	VENNILA.A	CB15S393893	4	4	4	4	5	21	84
39	VIDHYA.A	CB15S393894	4	4	3	3	3	17	68
40	VIDHYA.C	CB15S393895	4	4	4	4	4	20	80
41	VIJAYALAKSHMI.M	CB15S393896	4	4	3	3	3	17	68
42	YASMINE FATHIMA.N	CB15S393897	4	4	4	5	5	22	88
			4.142857143	3.904762	3.547619	3.97619	3.761905		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.143	75	79.143	93.10941
CO2	3.9	75	78.9	92.82353
CO3	3.548	75	78.548	92.40941
CO4	3.976	75	78.976	92.91294
CO5	3.7619	75	78.7619	92.66106

COURSE ATTAINMENT FOR B.SC :N&D

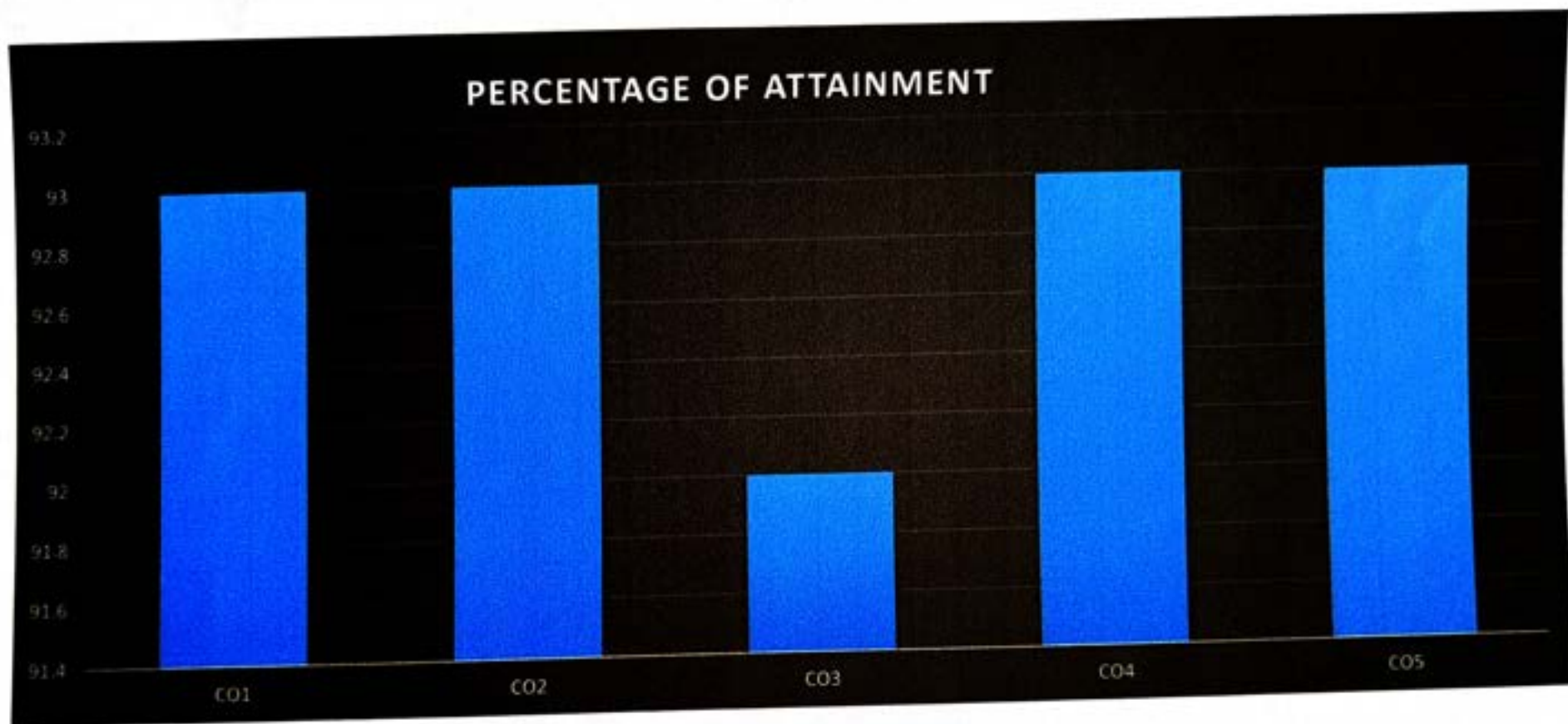
SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : RACSY82F

NO OF STUDENTS : 42

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93
CO2	93
CO3	92
CO4	93
CO5	93





SUBJECT NAME : FOOD STANDRAD & QUALITY CONTROL

SUBJECT CODE : RACSY82F

NO OF STUDENTS : 42

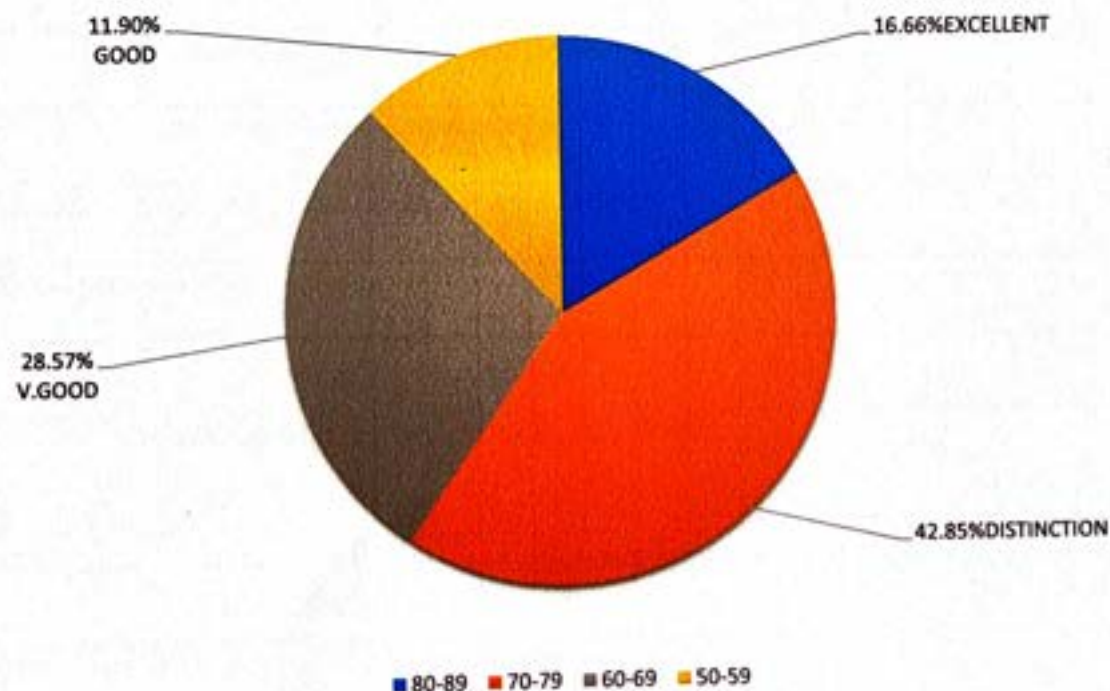
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	7	EXCELLENT
70-79	18	DISTINCTION
60-69	12	V.GOOD
50-59	5	GOOD
40-49	0	AVERAGE
BELOW40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
80-89	16.66%	EXCELLENT
70-79	42.85%	DISTINCTION
60-69	28.57%	V.GOOD
50-59	11.90%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME: MSc FSMD	
P16FSE3 COUNSELLING SKILLS	COURSE OUTCOME	
	CO 1	Understand the principles and procedures of nutrition counselling
	CO 2	Understand the role of the counsellor
	CO 3	Develop an understanding in lifestyles in influence on health and well-being
	CO 4	Effects of acute and chronic diseases on the emotional and psychological state.
	CO 5	Understand the behaviour of the individuals .



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	0	2	2	3
CO2	0	3	2	2	3
CO3	3	3	3	2	2
CO4	3	3	2	3	1
CO5	3	3	3	2	3
Average	2.2	2.4	2.4	2.2	2.4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	DEENASRI.G	P16450101	5	5	5	5	5	25	100
2	DURGA.N	P16450102	4	5	4	4	4	21	84
3	PRATHIBHA.D	P16450103	4	3	5	4	4	20	80
4	PREETHI.C	P16450104	5	5	3	4	5	22	88
5	PRIYANGA.P	P16450105	5	5	5	5	4	24	96
6	RATHIKA.S	P16450106	5	3	4	4	5	21	84
7	RASOOL FATHIMA.A	P16450107	5	5	5	5	5	25	100
8	RAVICHANDRAN.N	P16450108	4	4	4	4	4	20	80
9	SATHIYA DEVI.B	P16450109	5	5	4	4	4	22	88
10	SIMLA.S	P16450110	4	4	5	4	4	21	84
11	SIRAJNISHA.R	P16450111	5	5	4	5	4	23	92
12	VAIDHIYANATHAN.R	P16450112	4	4	5	4	4	21	84
	AVERAGE		4.583333333	4.416667	4.416667	4.333333	4.333333		

Expected attainment in each CO -85%

CO	Int.Exam+Assignme nt	End sem	Total	%
CO1	4.58	75	79.58	93.62353
CO2	4.41	75	79.41	93.42353
CO3	4.41	75	79.41	93.42353
CO4	4.33	75	79.33	93.32941
CO5	4.33	75	79.33	93.32941



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	DEENASRI.G	P16450101	5	5	5	5	5	25	100
2	DURGA.N	P16450102	4	5	4	4	4	21	84
3	PRATHIBHA.D	P16450103	4	3	5	4	4	20	80
4	PREETHI.C	P16450104	5	5	3	4	5	22	88
5	PRIYANGA.P	P16450105	5	5	5	5	4	24	96
6	RATHIKA.S	P16450106	5	3	4	4	5	21	84
7	RASOOL FATHIMA.A	P16450107	5	5	5	5	5	25	100
8	RAVICHANDRAN.N	P16450108	4	4	4	4	4	20	80
9	SATHIYA DEVI.B	P16450109	5	5	4	4	4	22	88
10	SIMLA.S	P16450110	4	4	5	4	4	21	84
11	SIRAJNISHA.R	P16450111	5	5	4	5	4	23	92
12	VAIDHIYANATHAN.R	P16450112	4	4	5	4	4	21	84
	AVERAGE		4.583333333	4.416667	4.416667	4.333333	4.333333		

Expected attainment in each CO -85%

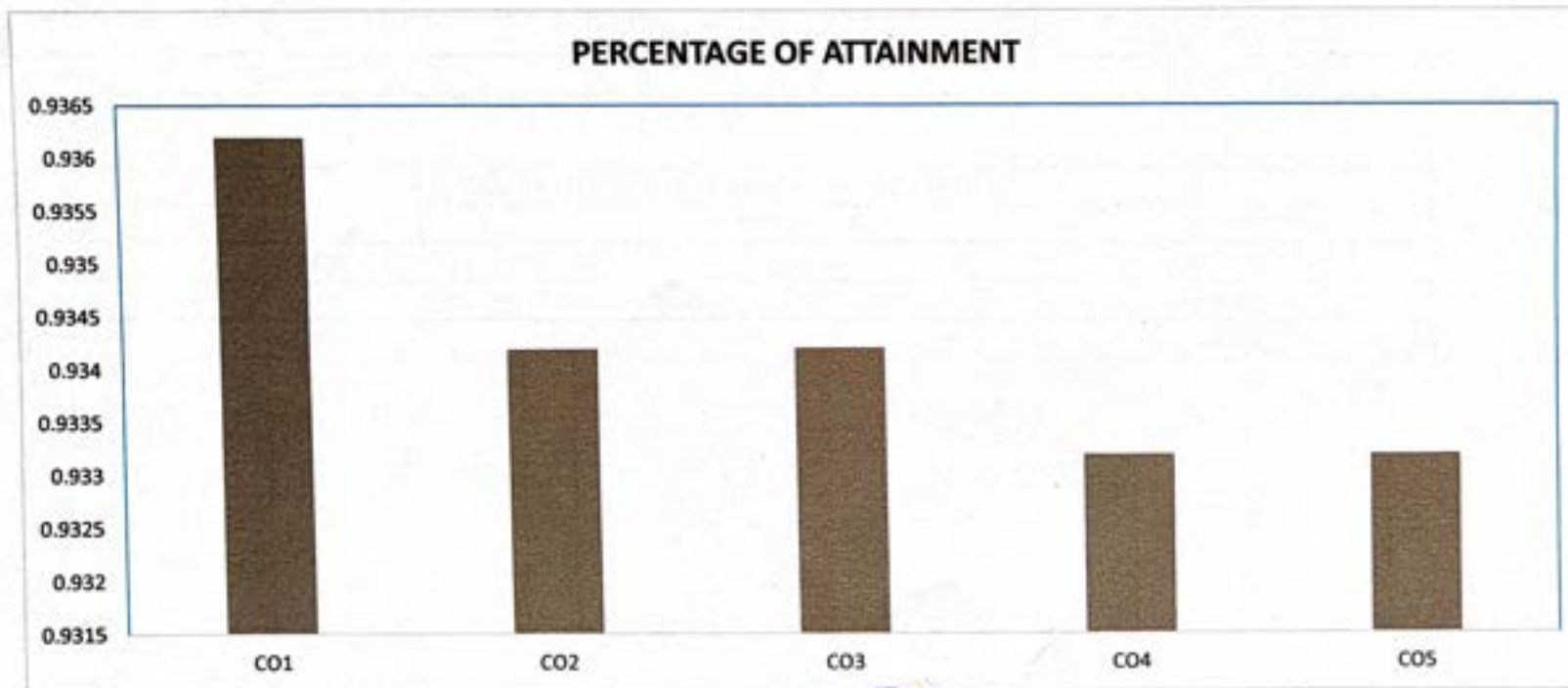
CO	Int.Exam+Assignme nt	End sem	Total	%
CO1	4.58	75	79.58	93.62353
CO2	4.41	75	79.41	93.42353
CO3	4.41	75	79.41	93.42353
CO4	4.33	75	79.33	93.32941
CO5	4.33	75	79.33	93.32941



COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : COUNSELLING SKILLS
 SUBJECT CODE : P16FSE5
 NO OF STUDENTS : 12

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.62%
CO2	93.42%
CO3	93.42%
CO4	93.32%
CO5	93.32%



COURSE ATTAINMENT FOR MSc FSMD

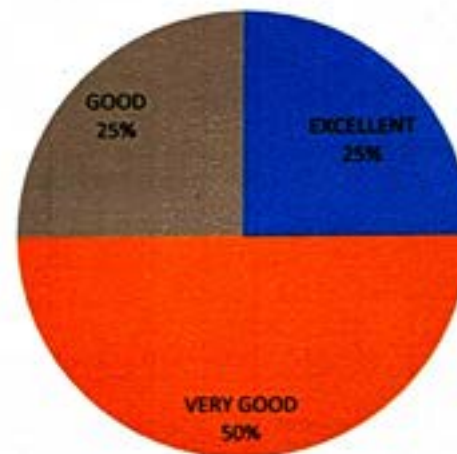
SUBJECT NAME : COUNSELLING SKILLS
SUBJECT CODE : P16FSE5
NO OF STUDENTS : 12

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	3	EXCELLENT
70-79	6	VERY GOOD
60-69	3	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	25%	EXCELLENT
70-79	50%	VERY GOOD
60-69	25%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

(UGC Recognized 2(f) & 12(b) Institution)

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME -M.Sc FSMD

COURSE OUTCOME		
COURSE CODE&TITLE	CO 1	Gain knowledge on source and properties of food
P16FS11 ADVANCE FOOD SCIENCE	CO 2	Develop skills to judge the quality of cooked foods
	CO 3	Understand the principles and chemistry of foods.
	CO 4	Apply the principles while preparing and cooking
	CO 5	Comprehend knowledge on the characteristics and properties of foods in cooking process



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	1	2	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	0.2	2.6	0.6	0.6	0.8

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



REGNUMBER	STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
P17450101	ABIRAMI.M	4	4	4	4	4	23	92
P17450102	AKSHYA.V	4	4	4	4	4	22	88
P17450103	EDITH PRBHAVATH	4	4	4	4	4	21	84
P17450104	GAYATHRI.N	4	4	4	4	4	20	80
P17450105	HARIHARAN.D	4	4	4	4	4	21	84
P17450106	JANAKIRAMAN.S	4	4	4	4	4	20	80
P17450107	KEERTHIKA.G	4	4	4	4	4	21	84
P17450108	KOUSALYA.M	4	4	4	4	5	22	88
P17450109	MATHUMITHA.P	4	4	4	4	6	22	88
P17450110	MOHANESWARI.S	4	4	4	6	5	20	80
P17450111	NASREEN MUNAV	4	4	4	4	4	21	84
P17450112	NIVETH.S	4	4	4	4	5	20	80
P17450113	PATTAAMAL.S	4	4	4	4	4	20	80
P17450114	PRIYA.P	4	4	4	4	4	21	84
P17450115	PRIYANKA.V	4	4	4	4	5	21	84
P17450116	SIVAGAMI.K	4	4	4	6	5	22	88
P17450117	SOWMIYA.C	4	4	4	4	4	22	88
P17450118	VINITHA.MC	4	4	4	4	5	21	84
P17450119	VINOSRI.T	4	4	4	4	5	21	84
P17450120	YAZHINI.S	4	4	4	4	4	20	80
		4	4	4	4.2	4.45		



Expected attainment in each CO -85%

CO	Int.Exam+ Assignment	End sem	total	%
CO1	4	75	79	92.9
CO2	4	75	79	92.9
CO3	4	75	79	92.9
CO4	4.2	75	79.2	93.2
CO5	4.45	75	79.45	93.5

COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

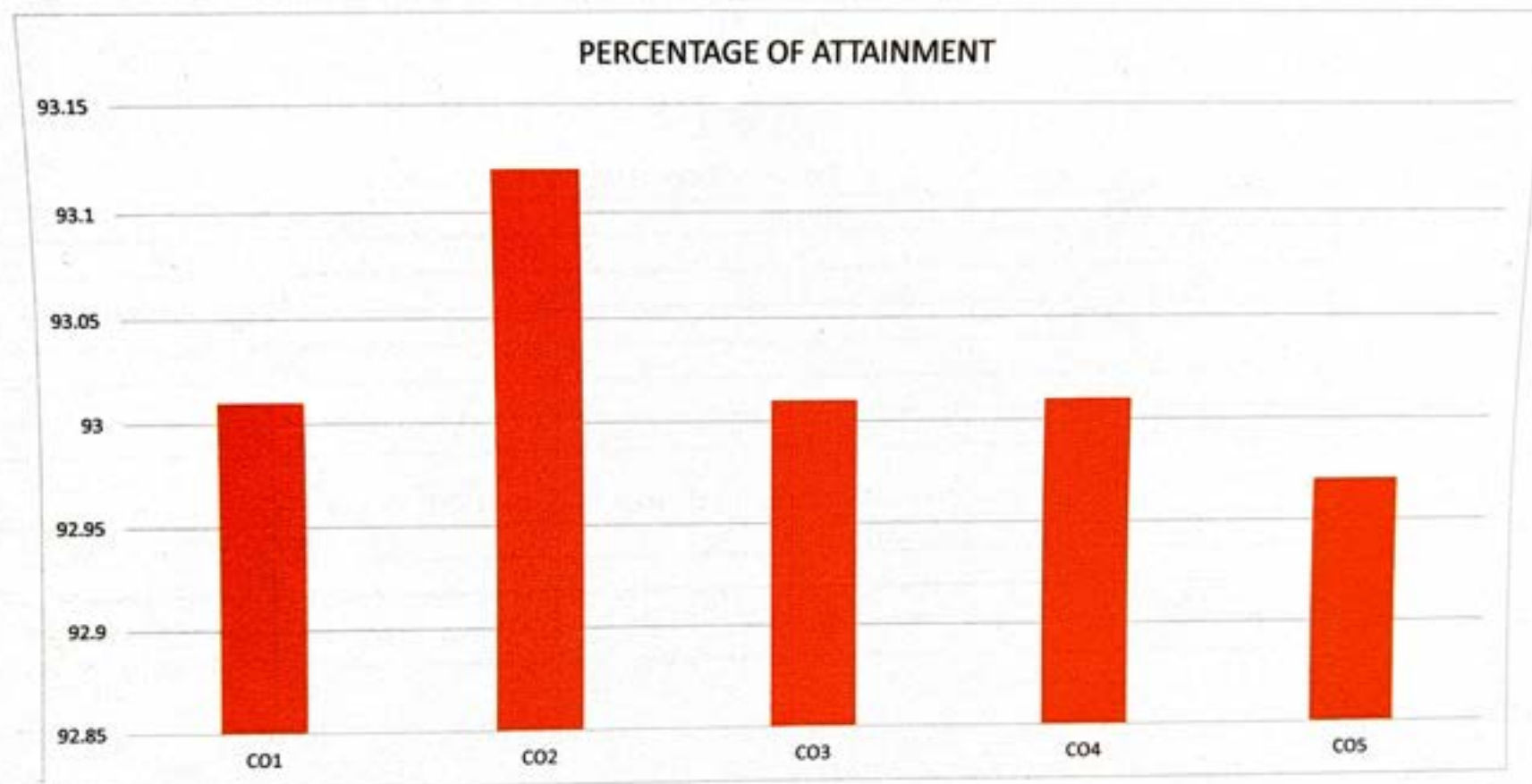
SUBJECT NAME :ADVANCED FOOD SCIENCE

SUBJECT CODE :P16FS11

NO.OF STUDENTS:20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.9
CO2	92.9
CO3	92.9
CO4	93.2
CO5	93.5





COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : ADVANCED FOOD SCIENCE
SUBJECT CODE : P16FS11
NO OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT

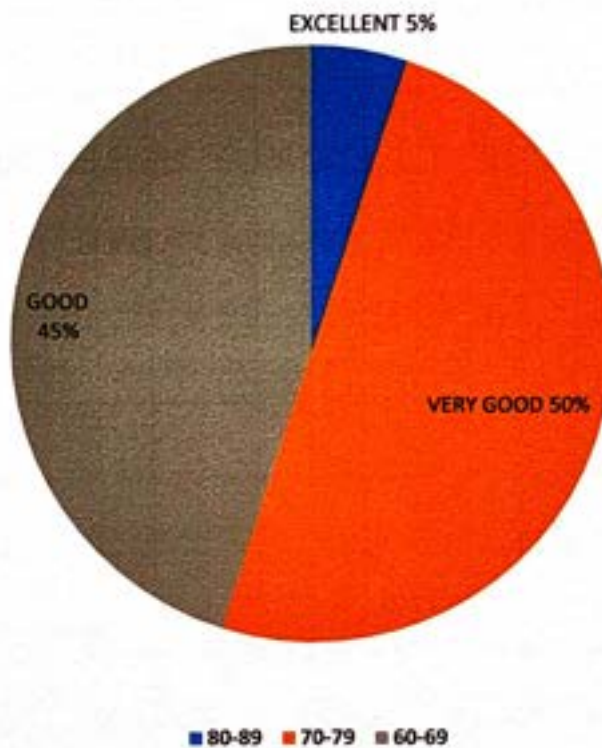
CATEGORY MARKS	NO OF	STATUS
90 and above (100)	0	OUTSTANDING
80-89	1	EXCELLENT
70-79	10	VERY GOOD
60-69	9	GOOD
50-59	0	AVERAGE
below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	5%	EXCELLENT
70-79	50%	VERY GOOD
60-69	45%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
 (UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and Course outcomes

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

	NAME OF THE PROGRAMME:M.Sc :FSMD	
COURSE CODE & COURSE TITLE	COURSE OUTCOME	
P16FS21 DIETETICS	CO 1	Learn, analyse and apply the nutrition care process and therapeutic dietary approach
	CO 2	Understand the aetiology, physiologic and metabolic anomalies of acute and chronic diseases and patient needs
	CO 3	Know the effect of various diseases on nutritional status and nutritional and dietary requirements.
	CO 4	Develop aptitude for taking up dietetics as a profession
	CO 5	Develop capacity and aptitude for taking up dietetics as a profession



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
ABIRAMI.M	P17450101	5	5	5	4	4	23	92
AKSHYA.V	P17450102	5	5	5	3	4	22	88
EDITH PRBHAVATHLA	P17450103	5	5	5	3	4	22	88
GAYATHRI.N	P17450104	4	4	4	4	4	20	80
HARIHARAN.D	P17450105	4	4	4	4	4	20	80
JANAKIRAMAN.S	P17450106	4	4	4	4	4	20	80
KEERTHIKA.G	P17450107	4	4	4	4	4	20	80
KOUSALYA.M	P17450108	5	5	4	4	4	22	88
MATHUMITHA.P	P17450109	5	4	4	4	4	21	84
MOHANESWARIS	P17450110	5	5	5	4	4	23	92
NASREEN MUNAWARA	P17450111	4	4	4	4	4	20	80
NIVETH.S	P17450112	5	5	4	4	4	22	88
PATTAAMAL.S	P17450113	4	4	4	4	4	20	80
PRIYA.P	P17450114	5	4	4	4	4	21	84
PRIYANKA.V	P17450115	5	4	4	4	5	22	88
SIVAGAMI.K	P17450116	5	5	5	4	4	23	92
SOWMIYA.C	P17450117	4	4	4	4	4	20	80
VINITHA.MC	P17450118	5	5	4	4	4	22	88
VINOSRI.T	P17450119	4	4	4	4	4	20	80
YAZHINIS	P17450120	4	4	4	4	4	20	80
AVERAGE		4.55	4.4	4.25	3.9	4.05		

Expected attainment in each CO -85%				
CO	Int.Exam+Assignme	End sem	total	%
CO1	4.55	75	79.55	93.59
CO2	4.4	75	79.4	93.41
CO3	4.25	75	79.25	93.24
CO4	3.9	75	78.9	92.82
CO5	4.05	75	79.05	93



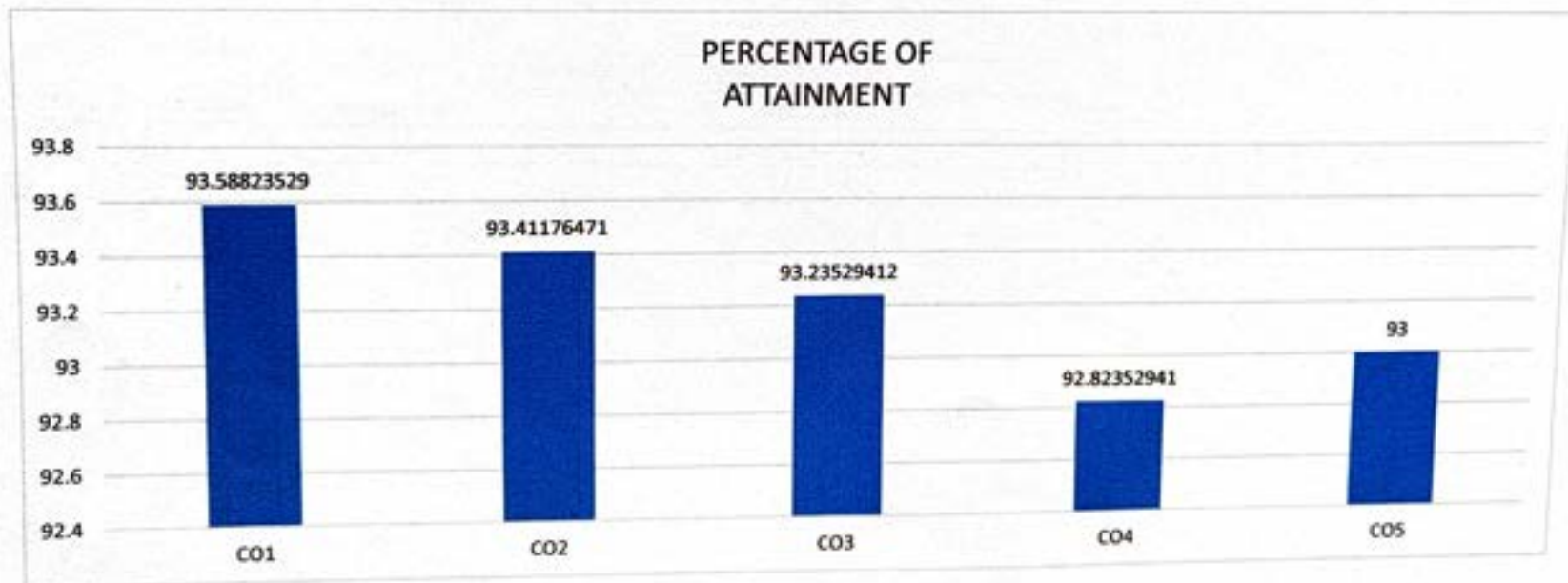
COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME: DIETETICS

SUBJECT CODE :P16FS21

NUMBER OF STUDENTS :20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.59
CO2	93.41
CO3	93.24
CO4	92.82
CO5	93



SUBJECT NAME : DIETETICS
SUBJECT CODE : P16FS21
NO OF STUDENTS : 20

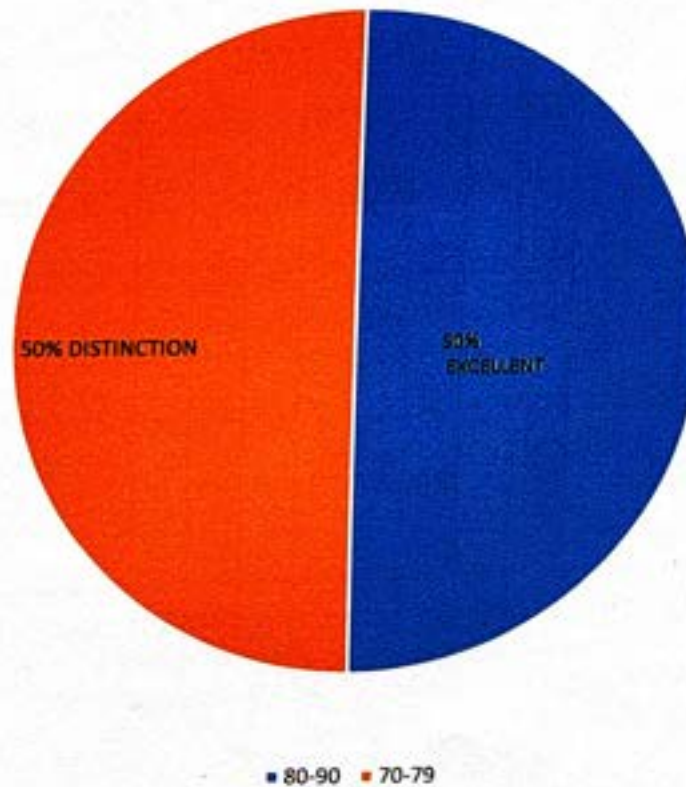
COURSE ATTAINMENT FOR M.Sc FSMD

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	10	EXCELLENT
70-79	10	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	50%	EXCELLENT
70-79	50%	DISTINCTION



COURSE OUT COME PERCENTAGE




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

UGC Recognized (12f) (12b) Institution

Affiliated Bharadhidasan University, Tiruchirapalli.

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME- CLINICAL BIOCHEMISTRY

COURSE OUTCOME

COURSE CODE&TITLE	CO 1	Understand the metabolism of the nutrients and the associated diseases
P16FS13 CLINICAL BIOCHEMISTRY	CO 2	Know the organ specific function tests associated with the disease
	CO 3	Comprehend the role of hormone in health.
	CO 4	Understand the diferent evaluation of organ function tests.
	CO 5	Obtain knowledge on different disorders in human body.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	1	13	2	1	4

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME OF THE STUDENTS	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
ABIRAMI.M	P17450101	4	4	4	4	4	20	80
AKSHYA.V	P17450102	4	4	4	4	4	20	80
EDITH PRBHAVATHI.A	P17450103	4	4	4	4	4	20	80
GAYATHRI.N	P17450104	4	4	4	4	4	20	80
HARIHARAN.D	P17450105	4	4	4	4	4	20	80
JANAKIRAMAN.S	P17450106	4	4	4	4	4	20	80
KEERTHIKA.G	P17450107	4	4	4	4	4	20	80
KOUSALYA.M	P17450108	4	4	4	4	5	21	84
MATHUMITHA.P	P17450109	4	4	4	4	6	22	88
MOHANESWARI.S	P17450110	4	4	4	6	5	23	92
NASREEN MUNAWARA.M	P17450111	4	4	4	4	4	20	80
NIVETH.S	P17450112	4	4	4	4	5	21	84
PATTAAMAL.S	P17450113	4	4	4	4	4	20	80
PRIYA.P	P17450114	4	4	4	4	5	21	84
PRIYANKA.V	P17450115	4	4	4	6	5	23	92
SIVAGAMI.K	P17450116	4	4	4	4	4	20	80
SOWMIYA.C	P17450117	4	4	4	4	5	21	84
VINITHA.MC	P17450118	4	4	4	4	5	21	84
VINOSRI.T	P17450119	4	4	4	4	4	20	80
YAZHINI.S	P17450120	4	4	4	4.2	4.45		



Expected attainment in each CO -85%

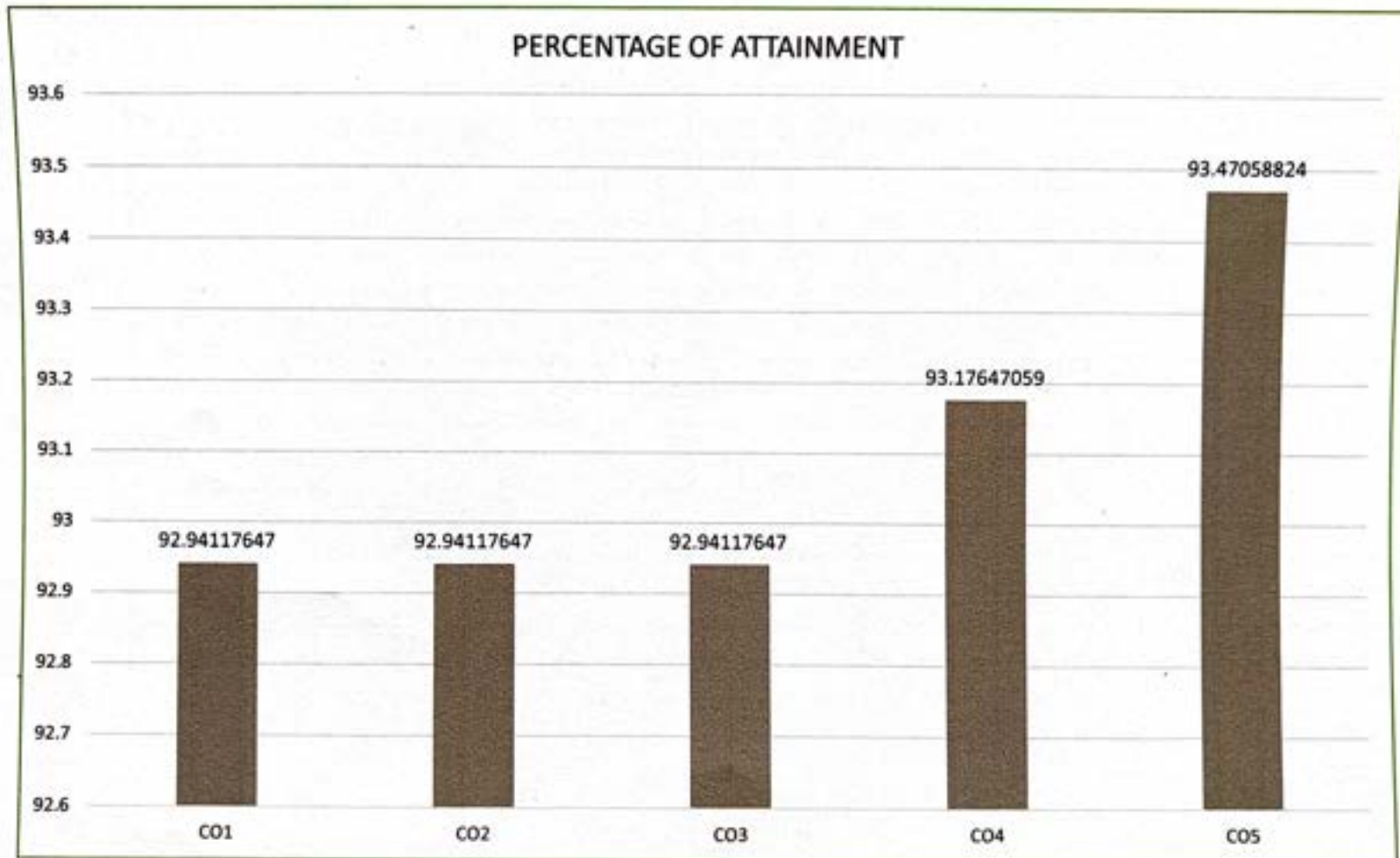
CO	Int.Exam+Assignmer	End sem	total	%
CO1	4	75	79	92.94118
CO2	4	75	79	92.94118
CO3	4	75	79	92.94118
CO4	4.2	75	79.2	93.17647
CO5	4.45	75	79.45	93.47059

COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
 SUBJECT CODE : P16FS11
 NO OF STUDENTS : 20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.94117647
CO2	92.94117647
CO3	92.94117647
CO4	93.17647059
CO5	93.47058824





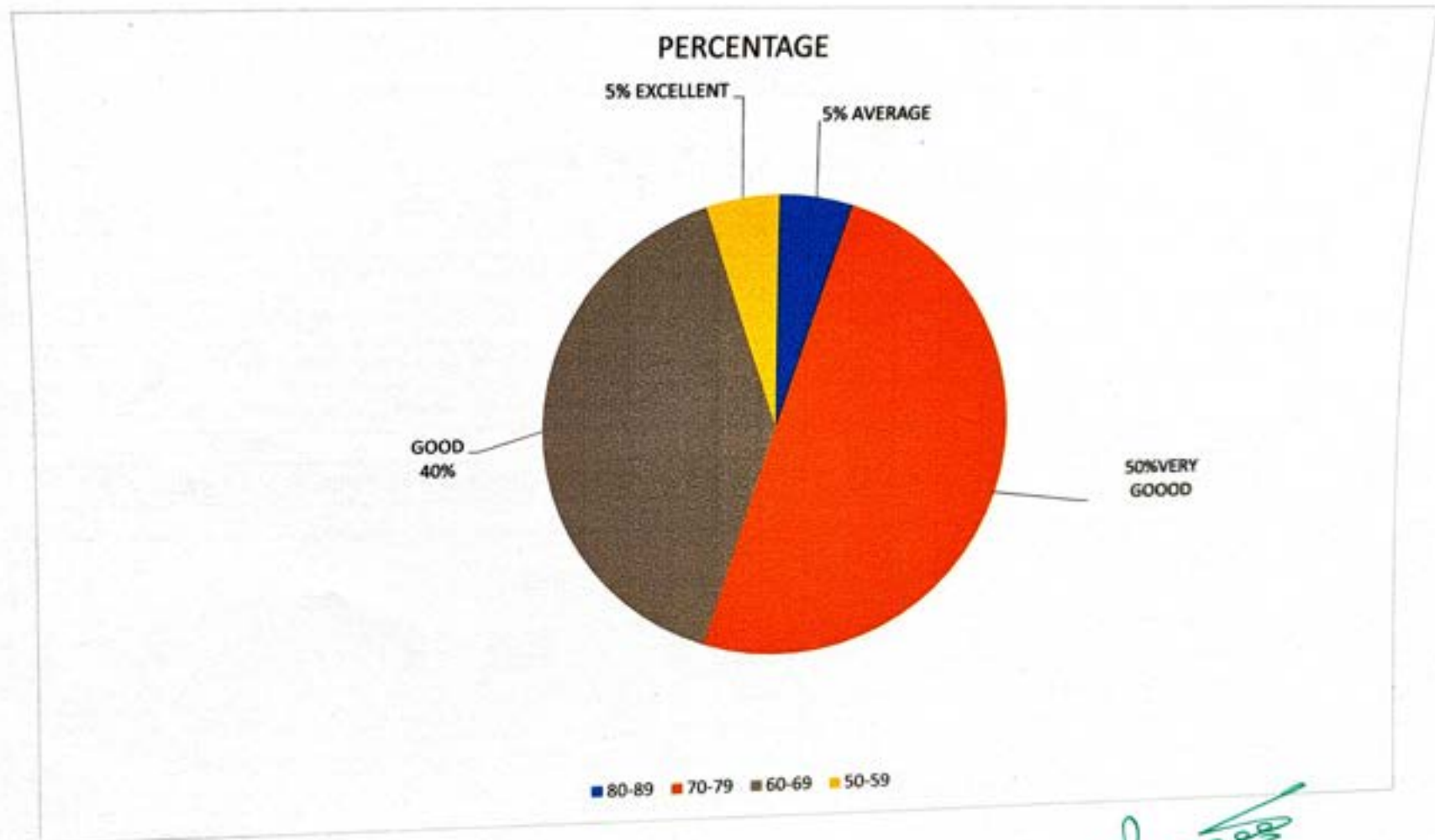
COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
SUBJECT CODE : P16FS11
NO OF STUDENTS : 20

CATEGORY MARKS	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	1	EXCELLENT
70-79	10	VERY GOOD
60-69	8	GOOD
50-59	1	AVERAGE
Below 50	0	RE- APPEAR

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	5%	EXCELLENT
70-79	50%	VERY GOOD
60-69	40%	GOOD
50-59	5%	AVERAGE





[Signature]
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Bharath Avenue (Near New Bus Stand)
THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (M.S.c FSMD)

PO1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO3	Capable to develop and evaluate unique health food products to foster healthy society.
PO4	Manage and administrate dietaries and food service outlets effectively
PO5	Become a successful professional, entrepreneur and researcher.

COURSE - QUANTITY FOOD PRODUCTION AND SERVICE

Course Code & Course Title	COURSE OUTCOME	
P16FS31 Quantity food production and service	CO1	Gain knowledge in menu planning, large scale food production and service.
	CO2	Manage the mass production of cuisines and beverages.
	CO3	Know the different types of food service techniques
	CO4	Learn aspects on quantity production and quality control
	CO5	Gain knowledge on standardization of recipes.



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	3	3
CO2	2	0	2	3	3
CO3	2	1	1	3	3
CO4	2	0	3	3	3
CO5	2	0	2	1	3
Average	1.6	0.2	2.6	2.6	3

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	DEENASRI.G	P16450101	5	4	5	5	5	24	96
2	DURGA.N	P16450102	4	4	4	4	4	20	80
3	PRATHIBHA.D	P16450103	5	4	4	4	4	21	84
4	PREETHI.C	P16450104	4	4	4	5	5	22	88
5	PRIYANGA.P	P16450105	5	5	5	4	4	23	92
6	RATHIKA.S	P16450106	4	4	4	5	5	22	88
7	RASOOL FATHIMA.A	P16450107	5	5	5	4	4	20	80
8	RAVICHANDRAN.N	P16450108	4	4	4	4	4	22	88
9	SATHIYA DEVI.B	P16450109	5	5	4	4	4	21	84
10	SIMLA.S	P16450110	4	4	4	4	5	24	96
11	SIRAJNISHA.R	P16450111	5	4	5	5	5	24	96
12	VAIDHIYANATHAN.R	P16450112	4	4	5	5	4	22	88
Average			4.50	4.25	4.42	4.42	4.42		

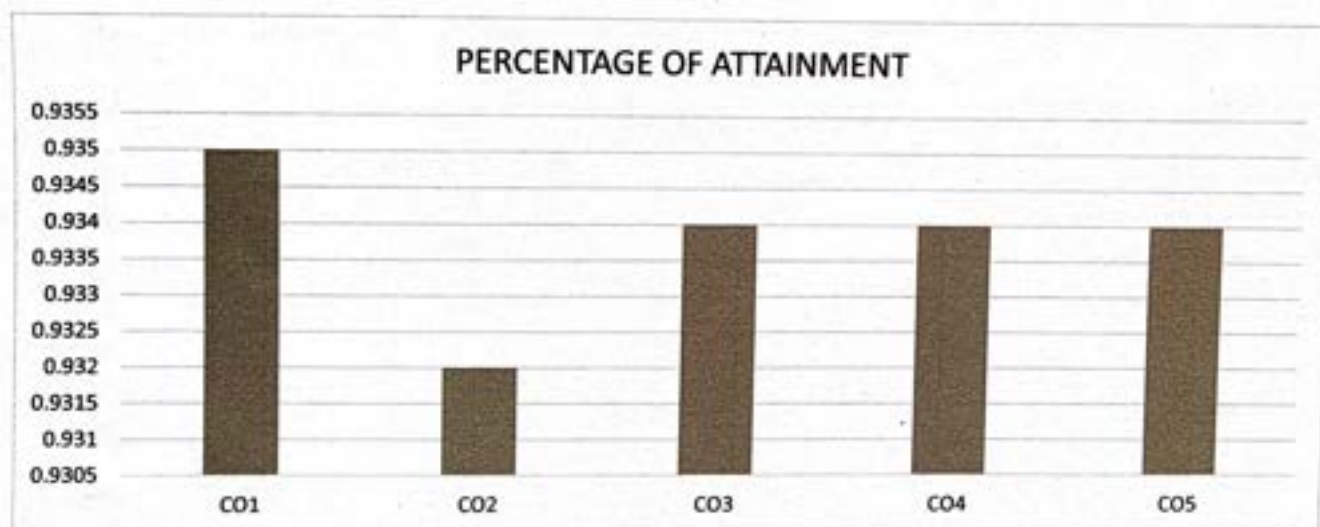
Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.5	75	79.5	93.5
CO2	4.25	75	79.25	93.2
CO3	4.42	75	79.42	93.4
CO4	4.42	75	79.42	93.4
CO5	4.42	75	79.42	93.4



COURSE ATTAINMENT FOR MSc FSMD**QUANTITY FOOD PRODUCTION AND SERVICE****SUBJECT NAME :****SUBJECT CODE :****P16FS31****NO OF STUDENTS :****12**

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.50%
CO2	93.20%
CO3	93.40%
CO4	93.40%
CO5	93.40%



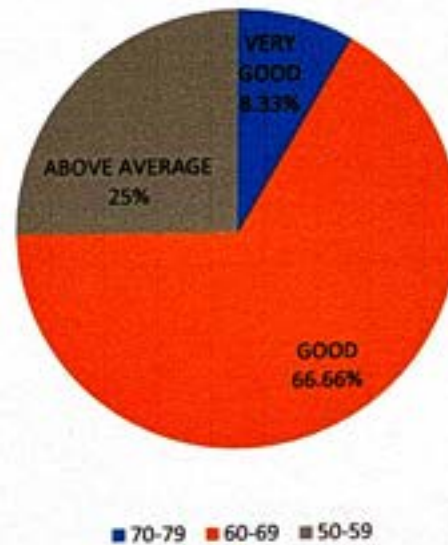
COURSE ATTAINMENT FOR MSc FSMD**QUANTITY FOOD PRODUCTION AND SERVICE****SUBJECT NAME :****SUBJECT CODE :****P16FS31****NO OF STUDENTS :****12**

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	0	EXCELLENT
70-79	1	VERY GOOD
60-69	8	GOOD
50-59	3	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
70-79	8.33%	VERY GOOD
60-69	66.66%	GOOD
50-59	25%	ABOVE AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PROGRAMME OUTCOME(M.Sc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAM :M.SC FSMD

COURSE CODE&COURSE TITLE		COURSE OUTCOME
FOOD PRODUCT DEVELOPMENT(P16FSE4)	CO 1	Provide a platform to undertake innovative research for new product development
	CO 2	Understand the applications of food service operations, dietetics, food chemistry
	CO 3	Gain knowledge on Recipe development
	CO 4	Develop integrated problem-solving competency and establish as scientists, research
	CO 5	Competent to pursue career in the fields of hospitality service industry, food industry and health care sector



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	0	2
CO2	3	3	0	2	0
CO3	0	0	0	0	3
CO4	0	0	0	0	1
CO5	3	1	1	3	3
Average	1.2	0.8	0.2	1	1.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	DEENASRI.G	P16450101	4	4	4	4	4	20	80
2	DURGA.N	P16450102	4	4	4	5	5	22	88
3	PRATHIBHA.D	P16450103	4	4	4	4	5	21	84
4	PREETHI.C	P16450104	4	4	5	5	5	23	92
5	PRIYANGA.P	P16450105	5	5	4	5	5	24	96
6	RATHIKA.S	P16450106	4	4	4	5	5	22	88
7	RASOOL FATHIMA.A	P16450107	5	5	4	5	5	24	96
8	RAVICHANDRAN.N	P16450108	4	4	4	4	5	21	84
9	SATHIYA DEVI.B	P16450109	4	4	5	5	5	23	92
10	SIMLA.S	P16450110	4	4	4	5	5	22	88
11	SIRAJNISHA.R	P16450111	5	5	4	5	5	24	96
12	VAIDHIYANATHAN.R	P16450112	4	4	5	5	5	23	92
		Average	4.25	4.25	4.25	4.75	4.916667		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.25	75	79.25	93.23529
CO2	4.25	75	79.25	93.23529
CO3	4.25	75	79.25	93.23529
CO4	4.75	75	79.75	93.82353
CO5	4.916667	75	79.916667	94.01961



COURSE ATTAINMENT FOR M.SC :FSMD

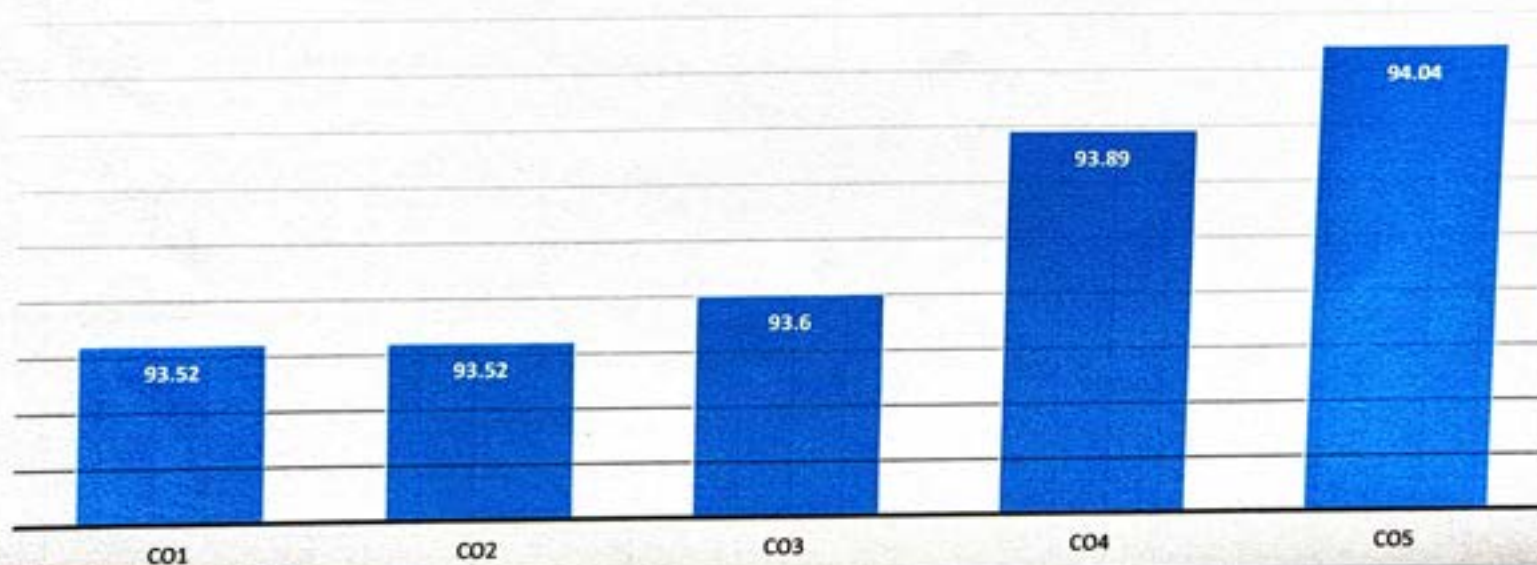
SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 12

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.24
CO2	93.24
CO3	93.24
CO4	93.82
CO5	93.02

PERCENTAGE OF ATTAINMENT



SUBJECT NAME : FOOD PRODUCT DEVELOPMENT
 SUBJECT CODE : P16FSE4
 NO OF STUDENTS : 12

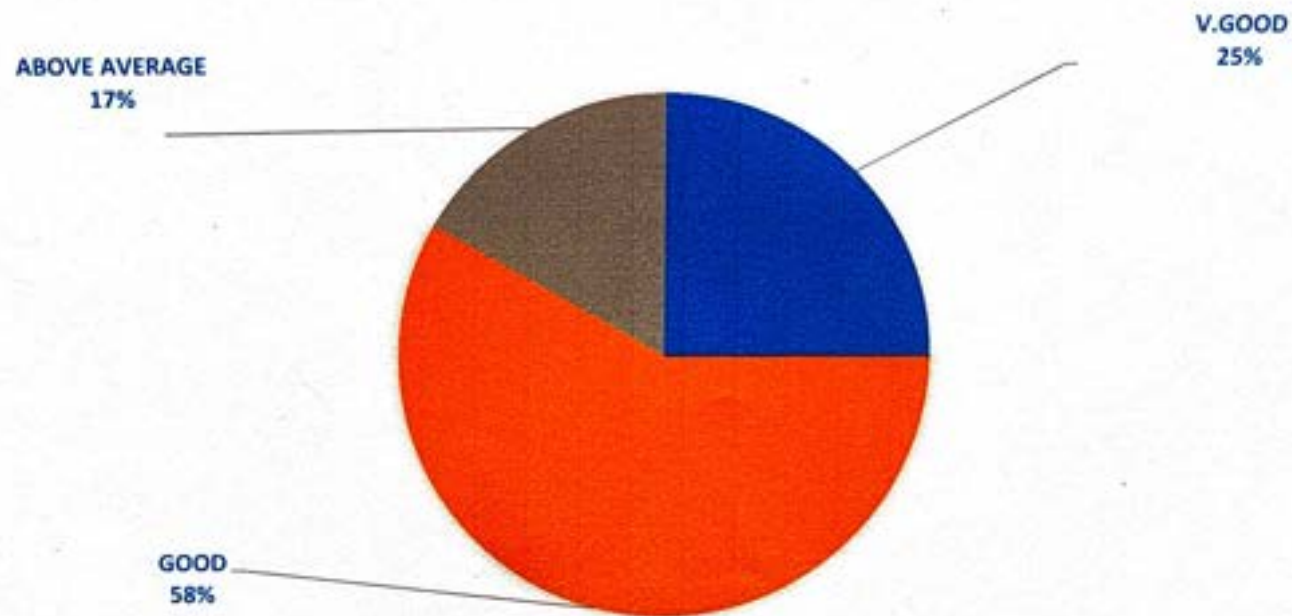
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	0	EXCELLENT
70-79	3	V.GOOD
60-69	7	GOOD
50-59	2	ABOVE AVERAGE
BELOW 50	0	RA

COURSE OUT COME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
70-79	25%	V.GOOD
60-69	58.33%	GOOD
50-59	16.66%	ABOVE AVERAGE



COURSE OUT COME ASSESSMENT IN PERCENTAGE




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME : BSc N&D	
16SCND8 DIETETICS-II	COURSE OUTCOME	
	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AASIMMA ANSARI.T	CB16S394270	5	5	5	5	5	25	100
2	ABARNA.A	CB16S394271	5	5	5	5	4	24	96
3	ARPUTHA.R	CB16S394272	5	5	5	4	4	23	92
4	DEVAROOSVELT.A	CB16S394273	3	3	3	3	3	15	60
5	DEVADHARSHINI.R	CB16S394274	4	4	4	4	4	20	80
6	DEVASHRI.S	CB16S394275	5	5	5	4	4	23	92
7	DHARANYA.K	CB16S394276	5	5	5	5	4	24	96
8	DHIVYA.S	CB16S394277	5	5	5	4	5	24	96
9	DINESH KUMAR.M	CB16S394278	5	3	4	4	4	20	80
10	HAJI MOHAMMED.M	CB16S394279	4	4	3	4	5	20	80
11	JANAKIPRIYA.R	CB16S394281	5	5	5	5	5	25	100
12	JESSY MARGARET.J	CB16S394282	4	3	5	4	4	20	80
13	KANIMOZHI.R	CB16S394284	4	4	3	4	3	18	72
14	KAVIYA.M	CB16S394285	5	3	3	4	5	20	80
15	KEERTHANA.E	CB16S394286	4	4	4	4	4	20	80
16	KOWSHIKA.A	CB16S394287	5	5	5	5	5	25	100
17	MADHUPRIYA.K	CB16S394288	5	5	5	3	4	22	88
18	MANISHA.S	CB16S394289	5	5	5	5	5	25	100
19	MONIKA.R	CB16S394290	5	5	5	4	5	24	96
20	NAGALAKSHMI.R	CB16S394291	5	5	4	4	5	23	92
21	NANDHINI.M	CB16S394292	5	5	5	5	4	24	96
22	PADMALAKSHMI.A	CB16S394293	5	5	4	3	3	20	80
23	PANCHALI.N	CB16S394294	4	4	4	4	5	23	92
24	POOJA.R	CB16S394295	4	4	4	5	5	22	88
25	REENA.B	CB16S394296	5	5	4	4	4	22	88
26	SHAHIN BANU.A	CB16S394297	5	5	4	5	5	24	96
27	SIVASAKTHI.R	CB16S394298	3	4	4	4	3	18	72
28	SRIDEVI.D.V	CB16S394299	5	5	5	5	4	24	96
29	SUGUNA.J	CB16S394300	3	4	4	4	3	18	72



30	SUGUNA.R	CB16S394301	5	5	5	5	5	25	100
31	SUMAIYA BEGUM.S	CB16S394302	5	4	5	4	5	23	92
	AVERAGE		4.580645161	4.451612903	4.387097	4.258065	4.290322581		

Expected attainment in each CO -85%

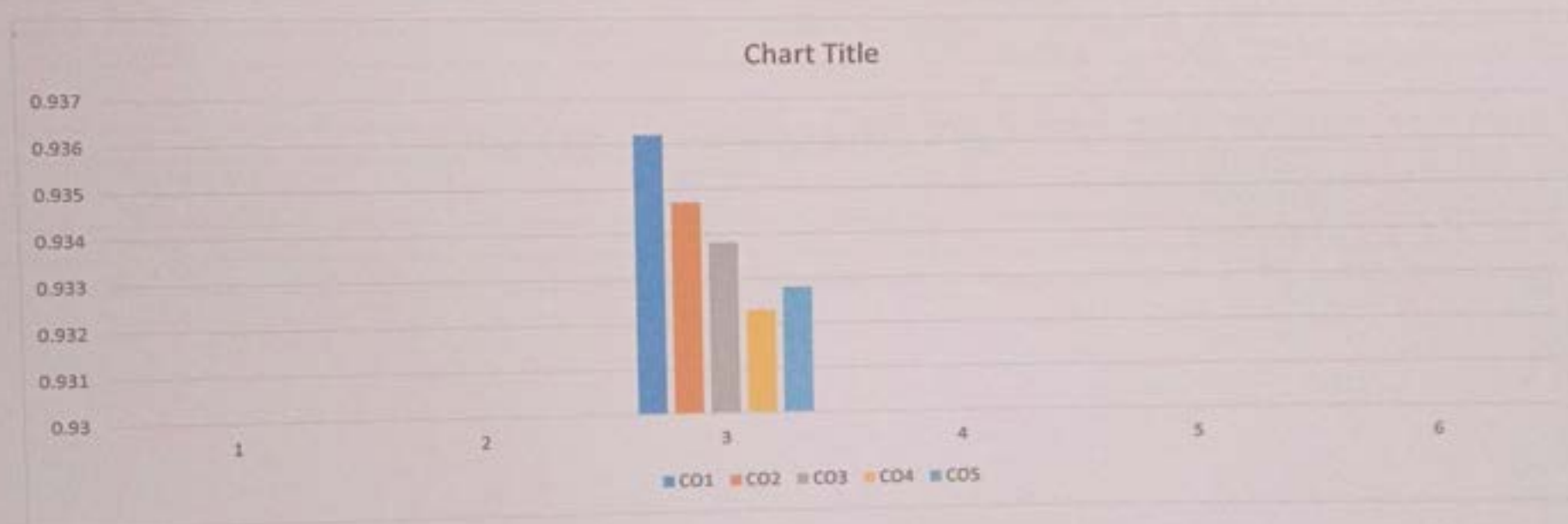
CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.58	75	79.58	93.62352941
CO2	4.45	75	79.45	93.47058824
CO3	4.38	75	79.38	93.38823529
CO4	4.25	75	79.25	93.23529412
CO5	4.29	75	79.29	93.28235294



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
SUBJECT CODE : 16SCCND8
NO OF STUDENTS : 31

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.62%
CO2	93.47%
CO3	93.38%
CO4	93.23%
CO5	93.28%



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

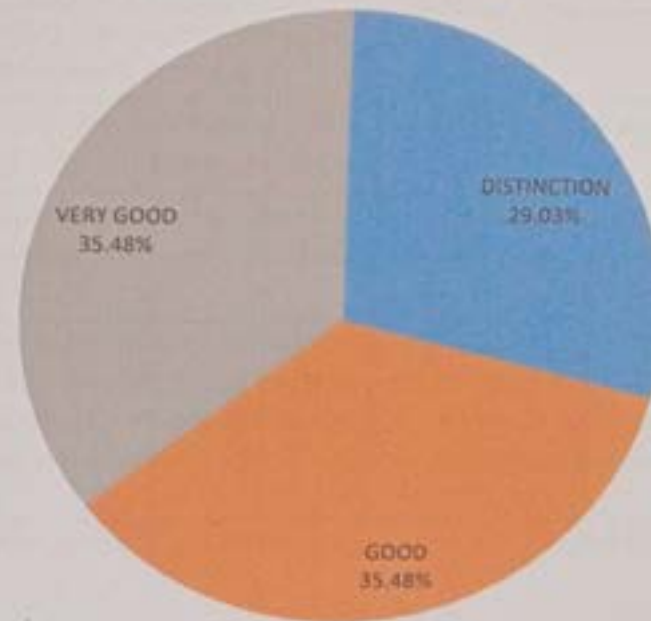
SUBJECT NAME : DIETETICS-II
SUBJECT CODE : 16SCCND8
NO OF STUDENTS : 31

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	0	EXCELLENT
70-79	9	DISTINCTION
60-69	11	VERY GOOD
50-59	11	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
70-79	29.03%	DISTINCTION
60-69	35.48%	VERY GOOD
50-59	35.48%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 70-79 ■ 60-69 ■ 50-59



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME-BSc., N&D FOOD SCIENCE (16SCCND1)

COURSE OUTCOME

CO1	Obtain knowledge of different food groups, their composition and their role in diet
CO2	Study different methods of cooking foods
CO3	Understand the major chemical reactions that occur during food preparation and storage
CO4	Obtain knowledge about the nutrients present in foods
CO5	Able to describe the techniques that can be used to monitor quality of raw ingredients and final



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	3	2	3
CO3	3	3	2	2	2
CO4	3	2	3	3	3
CO5	3	3	2	3	3
Average	3	2.6	2.4	2.6	2.8

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



REGISTER NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
CB18S395161	ABIMANYU.V	5	5	5	5	4	24	96
CB18S395162	ABITHA.R	5	5	3	3	3	19	76
CB18S395163	AMRUTHA KUMAR	3	3	3	3	3	15	60
CB18S395164	ANUGRAGA THOMAS	5	5	5	5	4	24	96
CB18S395165	ASHA .M	4	4	4	4	4	20	80
CB18S395166	BARATH KUMAR .R	3	3	3	3	2	14	56
CB18S395167	BAVATHARINI .K	5	5	3	3	3	19	76
CB18S395168	BENCY .J	3	3	3	4	4	17	68
CB18S395169	BHUVANESHWARI .P	3	3	3	4	4	17	68
CB18S395170	DEVIKA .M	5	5	3	3	3	19	76
CB18S395171	DIVYABHARATHI .A	5	5	4	4	4	22	88
CB18S395171	ELAKKIYA.V	5	5	3	3	3	19	76
CB18S395173	GOGULALAKSHMI .R	3	3	4	4	4	18	72
CB18S395174	HADHI JAFRIN LAILA .S	4	4	4	4	4	20	80
CB18S395175	JANAKI .S	4	4	4	4	3	19	76
CB18S395176	JAMILLA GANI .S	5	5	5	4	4	23	92
CB18S395177	JENIFER SHEELA .E	3	3	3	3	4	16	64
CB18S395178	JENSIYA .S	3	3	3	3	4	16	64
CB18S395179	JESINTHA MARY .A	5	5	3	3	3	19	76
CB18S395180	KALAIMAGAL .P	3	3	3	2	2	13	52
CB18S395181	KALIVARTHAN .R	3	3	3	2	2	13	52
CB18S395182	KAVITHA .P	3	3	3	3	4	16	64
CB18S395183	KEETHANA .K	5	4	4	4	4	21	84
CB18S395184	MADHUMATHI .E	5	5	3	3	3	19	76
CB18S395185	MADHUMITHA .L	5	5	3	3	3	19	76
CB18S395186	MAHADEVAN .R.K	3	3	4	4	4	18	72
CB18S395187	MAMPHAJOTHI .G	5	5	3	3	3	19	76



CB185395188	MANIBHARATHI .G	3	3	3	3	3	15	60
CB185395189	MOHANAMBAL .S	3	3	4	4	4	18	72
CB185395191	NANDHINI .M.U	4	4	4	4	5	21	84
CB185395192	NIVETHA .R	5	5	5	5	4	24	96
CB185395193	NOORNISHA .S	5	5	5	4	4	23	92
CB185395194	POONGUZHALI .D	3	3	3	4	4	17	68
CB185395195	PRIYADHARSHINI .D	3	3	4	4	5	19	76
CB185395196	PURUSHOTHAMAN .B	3	3	3	3	2	14	56
CB185395197	RAGAVIN .R	3	3	3	3	4	16	64
CB185395198	SANTHINI .G	5	5	5	5	4	24	96
CB185395199	SATHYA .R	5	4	4	4	4	21	84
CB185395200	SELLAKANNU .T	3	3	3	3	2	14	56
CB185395201	SHARMILA .M	4	4	4	4	4	20	80
CB185395202	SNEKA .S	3	3	4	4	4	18	72
CB185395203	SOBANA .G	3	3	3	3	3	15	60
CB185395204	SOWMIYA .R	3	3	3	3	4	16	64
CB185395205	THAMSEELA.A	4	4	4	5	5	22	88
CB185395206	UDHAYASURIYAN .A	3	3	3	3	2	14	56
CB185395207	VARSHA .A	5	5	5	5	4	24	96
CB185395208	VERAMUKIL .C	3	3	3	4	4	17	68
CB185395209	VIDHYA .P	3	3	3	3	2	14	56
CB185395210	VIVEKA .T	3	3	4	4	5	19	76
AVERAGE		3.86	3.82	3.59	3.61	3.55		

Expected attainment in each CO -85%				
CO	Int.Exam+Assignmen	End sem	total	%
CO1	3.86	75	78.86	92.7765
CO2	3.82	75	78.82	92.7294
CO3	3.59	75	78.59	92.4588
CO4	3.61	75	78.61	92.4824
CO5	3.55	75	78.55	92.4118



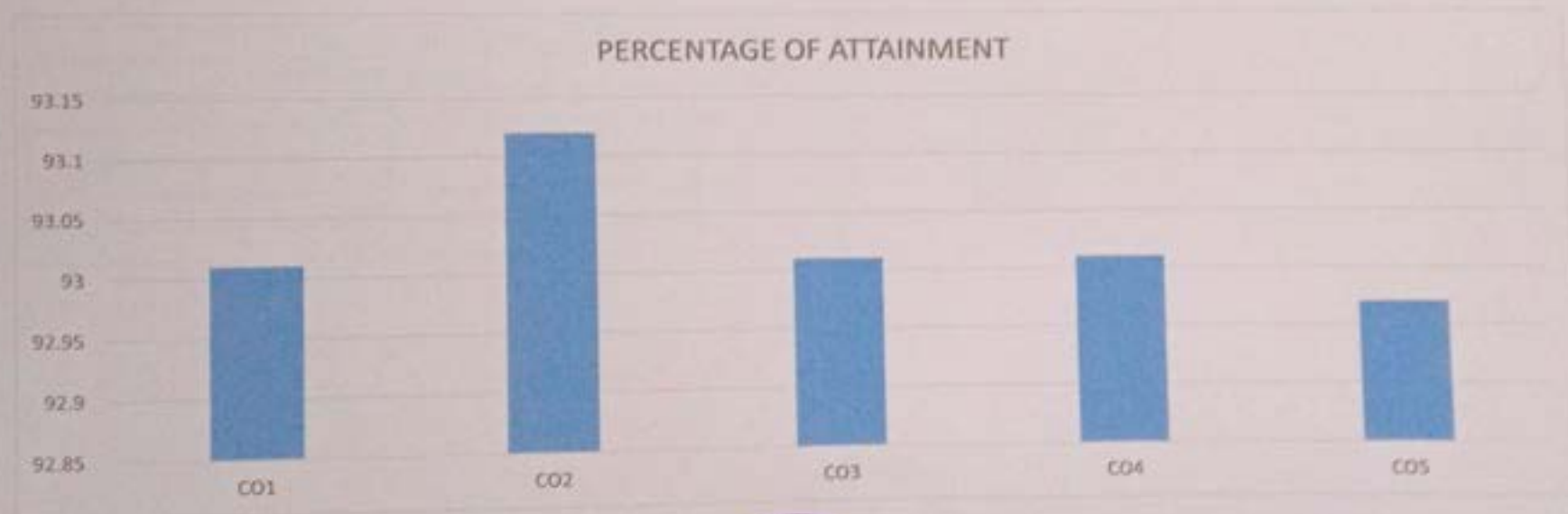
COURSE ATTAINMENT FOR B.Sc.N UTRITION AND DIETETICS

SUBJECT NAME : FOOD SCIENCE

SUBJECT CODE :16SCCND1

NO.OF STUDENTS:50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.77
CO2	92.72
CO3	92.45
CO4	93.48
CO5	93.41



COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : FOOD SCIENCE
SUBJECT CODE : 16SCCND1
NO OF STUDENTS : 50

COURSE OUTCOME ASSESSMENT

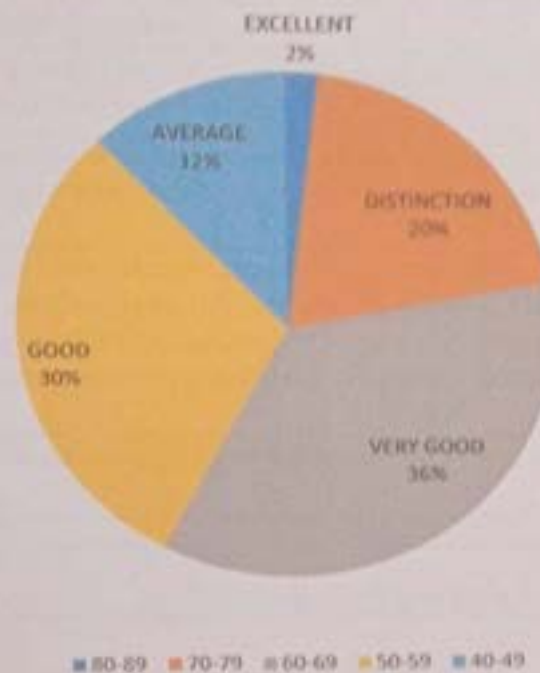
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	0	OUTSTANDING
80-89	1	EXCELLENT
70-79	10	DISTINCTION
60-69	18	VERY GOOD
50-59	15	GOOD
40-49	6	AVERAGE
below 40	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	2%	EXCELLENT
70-79	20%	DISTINCTION
60-69	36%	VERY GOOD
50-59	30%	GOOD
40-49	12%	AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE PERCENTAGE



PRINCIPAL

Bharath College of Science and Management
Bharath Avenue (Near New Bus Stand)
THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and Course outcomes

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities.

	NAME OF THE PROGRAMME: B.Sc : N&D	
COURSE CODE & COURSE TITLE	COURSE OUTCOME	
RCCSND5 DIETETICS-I	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
AASIMMA ANSARI.T	CB16S394270	4	4	4	4	4	20	80
ABARNA.A	CB16S394271	5	4	4	4	4	21	84
ARPUTHA.R	CB16S394272	4	4	4	4	4	20	80
DEVAROOSVELT.A	CB16S394273	2	2	2	2	2	10	40
DEVADHARSHINI.R	CB16S394274	3	3	4	3	4	17	68
DEVASHRI.S	CB16S394275	4	4	4	4	4	20	80
DHARANYA.K	CB16S394276	4	4	4	4	4	20	80
DHIVYA.S	CB16S394277	4	4	4	4	4	20	80
DINESH KUMAR.M	CB16S394278	3	3	3	3	3	15	60
Haji MOHAMMED.M	CB16S394279	3	3	3	3	3	15	60
JANAKIPRIYA.R	CB16S394281	5	5	5	5	4	24	96
JESSY MARGARET.J	CB16S394282	4	4	3	4	3	18	72
KALPANA.G	CB16S394283	3	3	3	3	3	15	60
KANIMOZHIL.R	CB16S394284	4	3	3	3	3	16	64
KAVIYA.M	CB16S394285	4	4	3	3	3	17	68
KEERTHANA.E	CB16S394286	4	3	3	3	3	16	64
KOWSHIKA.A	CB16S394287	5	5	5	4	4	23	92
MADHUPRIYA.K	CB16S394288	4	4	3	3	3	17	68
MANISHA.S	CB16S394289	5	5	5	4	4	23	92
MONIKA.R	CB16S394290	5	4	4	4	4	21	84
NAGALAKSHMI.R	CB16S394291	4	4	4	4	4	20	80
NANDHINI.M	CB16S394292	5	5	4	4	4	22	88
PADMALAKSHMI.A	CB16S394293	4	2	3	3	4	16	64
PANCHALIN	CB16S394294	5	4	3	4	4	20	80
POOJA.R	CB16S394295	5	5	5	5	4	24	96
REENA.B	CB16S394296	4	3	4	2	5	18	72
SHAHIN BANU.A	CB16S394297	4	4	4	4	4	20	80
SIVASAKTHI.R	CB16S394298	4	4	4	4	4	20	80
SRIDEVI.D.V	CB16S394299	5	5	5	5	4	24	96
SUGUNA.J	CB16S394300	3	4	3	3	3	16	64



SUGUNA.R	CB16S394301	5	5	5	4	4	23	92
SUMAIYA BEGUM.S	CB16S394302	5	3	3	3	3	17	68
AVERAGE		4.13	3.84	3.75	3.63	3.66		

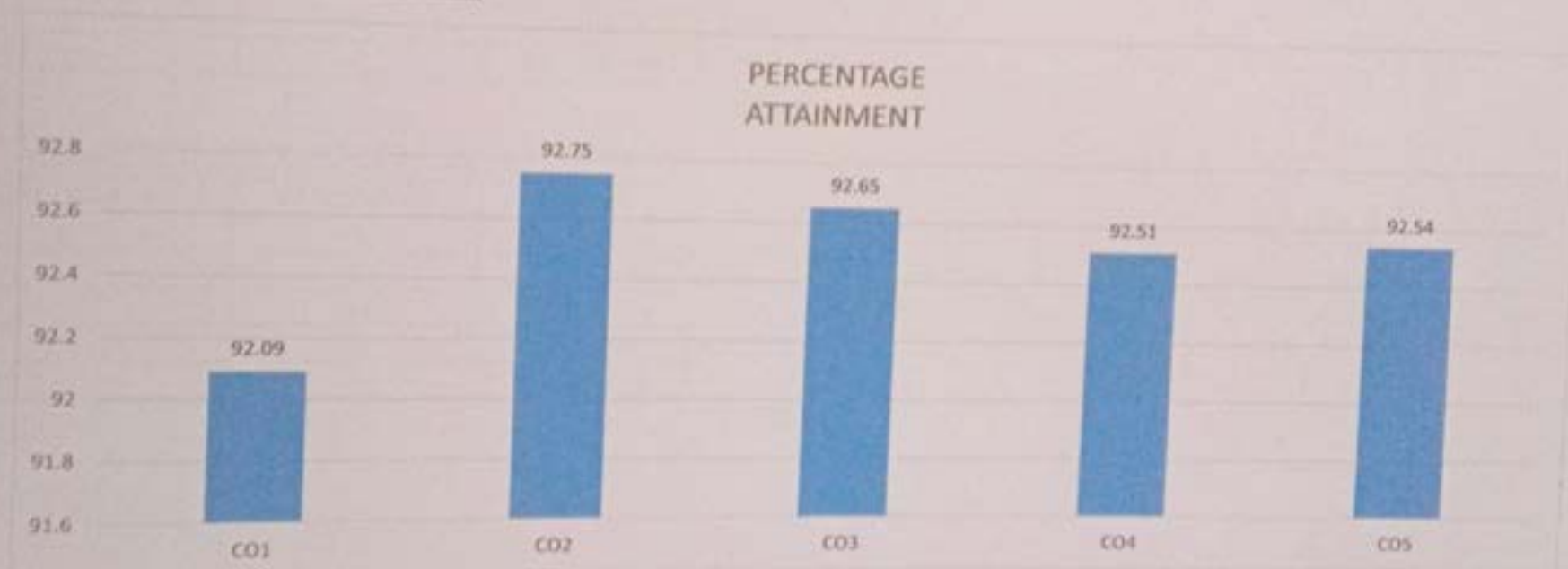
Expected attainment in each CO -85%

CO	Int.Exam+ Assignment	End sem	total	%
CO1	4.13	75	79.13	93.09
CO2	3.84	75	78.84	92.75
CO3	3.75	75	78.75	92.65
CO4	3.63	75	78.63	92.51
CO5	3.66	75	78.66	92.54



COURSE ATTAINMENT FOR B.Sc N&D
SUBJECT NAME: DIETETICS-I
SUBJECT CODE :16SCCND5
NUMBER OF STUDENTS :231

COURSE OUTCOME	PERCENTAGE ATTAINMENT
CO1	92.09
CO2	92.75
CO3	92.65
CO4	92.51
CO5	92.54



COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME :DIETETICS-I

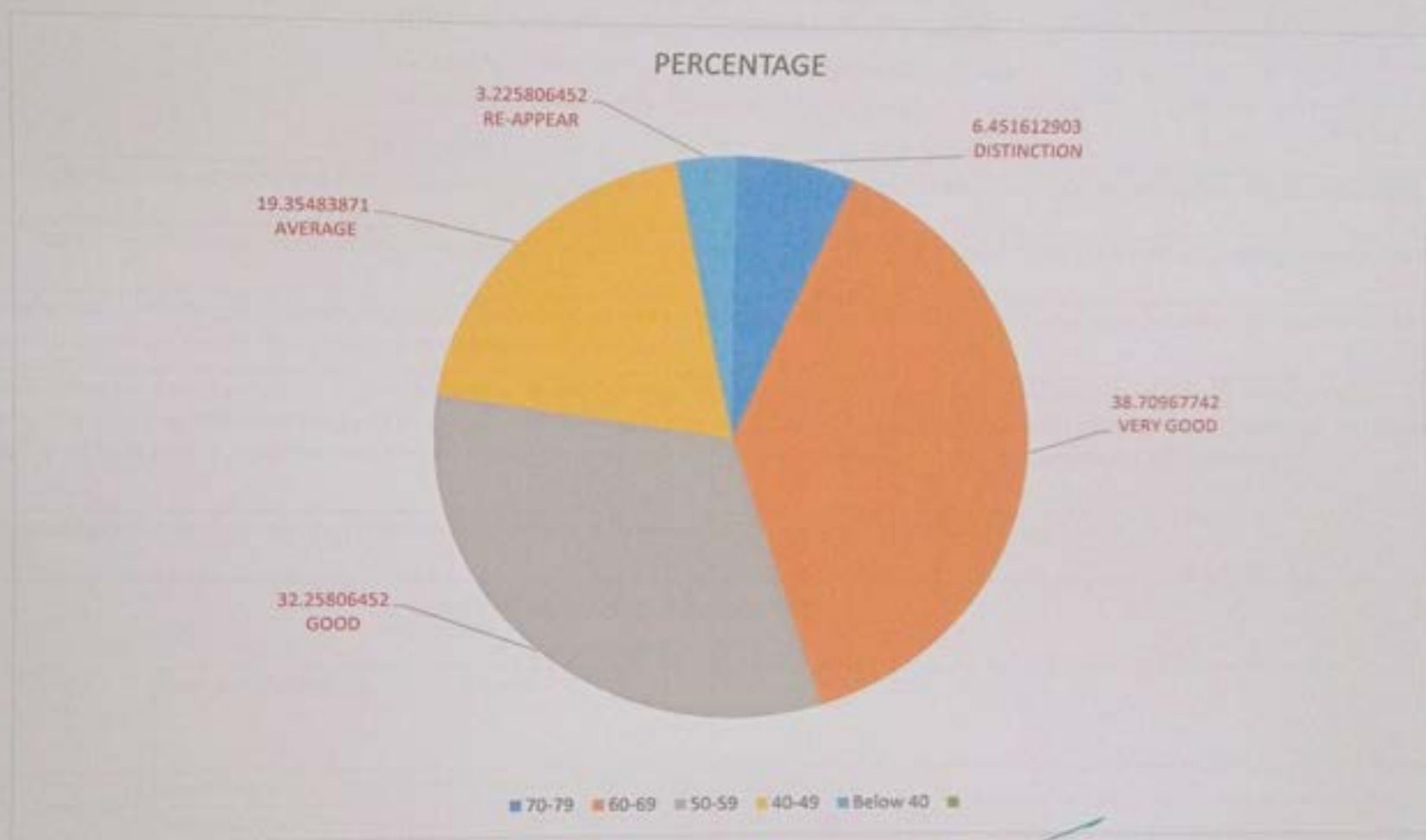
SUBJECT CODE :16SCCND5

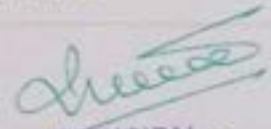
NO OF STUDENTS :31

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	0	EXCELLENT
70-79	2	DISTINCTION
60-69	12	VERY GOOD
50-59	10	GOOD
40-49	6	AVERAGE
Below 40	1	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
70-79	6	DISTINCTION
60-69	39	VERY GOOD
50-59	32	GOOD
40-49	19	AVERAGE
Below 40	3	RE- APPEAR






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BHARATH COLLEGE OF SCIENCE&MANAGEMENT-THANJAVUR-05

(UGC Recognized 2(f) & 12(B) Institution)

Affiliated to Bharathidasan University, Tiruchirappalli.

PG&RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of programme outcomes and course outcomes

Course outcome-programme outcome Mapping.

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE COURSE - FOOD CHEMISTRY

COURSE OUTCOME

COURSE CODE & TITLE	CO1	Gain insight into Chemistry of foods
16SACND3 FOOD CHEMISTRY	CO2	Understand the Scientific principles involved in food preparation
	CO3	Develop the scientific attitude of the students towards the principle of food chemistry
	CO4	Study the physico-chemical changes occurring in foods during cooking
	CO5	Study the physio-chemical changes occurring in foods during cooking



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	1	0	0	0
CO2	1	0	1	0	0
CO3	0	1	1	1	1
CO4	1	0	0	0	0
CO5	0	0	0	0	0
Average	3	2	2	1	1

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENTS	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	ABIMANYU.V	CB18S395161	5	5	5	5	4	24	96
2	ABITHA.R	CB18S395162	4	4	4	4	4	20	80
3	AMRUTHA KUMAR	CB18S395163	3	3	3	6	4	19	76
4	ANUGRAGA THOMAS	CB18S395164	3	5	4	6	3	21	84
5	ASHA .M	CB18S395165	6	3	5	4	3	21	84
6	BARATH KUMAR .R	CB18S395166	3	3	3	3	4	16	64
7	BAVATHARINI .K	CB18S395167	5	4	6	3	3	21	84
8	BENCY .J	CB18S395168	5	3	5	3	3	19	76
9	BHUVANESHWARI .P	CB18S395169	3	3	3	4	4	17	68
10	DEVIKA .M	CB18S395170	6	5	4	3	4	22	88
11	DIVYABHARATHI .A	CB18S395171	4	6	6	4	3	23	92
12	GOGULALAKSHMI .R	CB18S395173	3	3	3	3	3	15	60
13	HADHI JAFRIN LAILA .S	CB18S395174	3	3	3	6	4	19	76
14	JANAKI .S	CB18S395175	3	5	4	6	3	21	84
15	JAMILLA GANI .S	CB18S395176	4	4	3	3	4	18	72
16	JENIFER SHEELA .E	CB18S395177	5	5	5	5	4	24	96
17	JENSIYA .S	CB18S395178	3	3	3	6	4	19	76
18	JESINTHA MARY .A	CB18S395179	3	3	3	4	4	17	68
19	KALAIMAGAL .P	CB18S395180	4	4	4	4	4	20	80
20	KALIVARTHAN .R	CB18S395181	4	4	4	4	4	20	80
21	KAVITHA .P	CB18S395182	3	3	3	3	4	16	64
22	KEETHANA .K	CB18S395183	3	3	3	4	4	17	68
23	MADHUMATHI .E	CB18S395184	3	5	4	6	3	21	84
24	MADHUMITHA .L	CB18S395185	4	4	4	4	4	20	80
25	MAHADEVAN .R.K	CB18S395186	3	3	3	6	4	19	76
26	MAMPHAJOTHI .G	CB18S395187	4	4	3	3	4	18	72
27	MANIBHARATHI .G	CB18S395188	4	4	4	4	4	20	80
28	MOHANAMBAL .S	CB18S395189	3	3	3	3	4	16	64



29	NANDHINI .M.U	CB18S395191	3	5	4	6	3	21	84
30	NIVETHA .R	CB18S395192	3	5	4	6	3	21	84
31	NOORNISHA .S	CB18S395193	6	6	3	3	4	22	88
32	POONGUZHALI .D	CB18S395194	5	5	5	5	5	25	100
33	PRIYADHARSHINI .D	CB18S395195	6	6	3	3	4	22	88
34	PURUSHOTHAMAN .B	CB18S395196	4	4	3	3	4	18	72
35	RAGAVIN .R	CB18S395197	6	6	3	3	4	22	88
36	SANTHINI .G	CB18S395198	4	4	3	3	4	18	72
37	SATHYA .R	CB18S395199	4	4	3	3	4	18	72
38	SELLAKANNU .T	CB18S395200	6	6	3	3	4	22	88
39	SHARMILA .M	CB18S395201	6	6	3	3	4	22	88
40	SNEKA .S	CB18S395202	3	3	3	6	4	19	76
41	SOBANA .G	CB18S395203	3	5	4	6	3	21	84
42	SOWMIYA .R	CB18S395204	5	5	5	5	4	24	96
43	THAMSEELA.A	CB18S395205	5	5	5	5	3	23	92
44	UDHAYASURIYAN .A	CB18S395206	3	3	3	3	4	16	64
45	VARSHA .A	CB18S395207	6	6	3	3	4	22	88
46	VERAMUKIL .C	CB18S395208	3	3	3	3	4	16	64
47	VIDHYA .P	CB18S395209	3	3	3	3	4	16	64
48	VIVEKA .T	CB18S395210	5	5	5	5	3	23	92
			4.0625	4.208333	3.708333	4.145833	3.75		

Expected attainment in each CO -85%

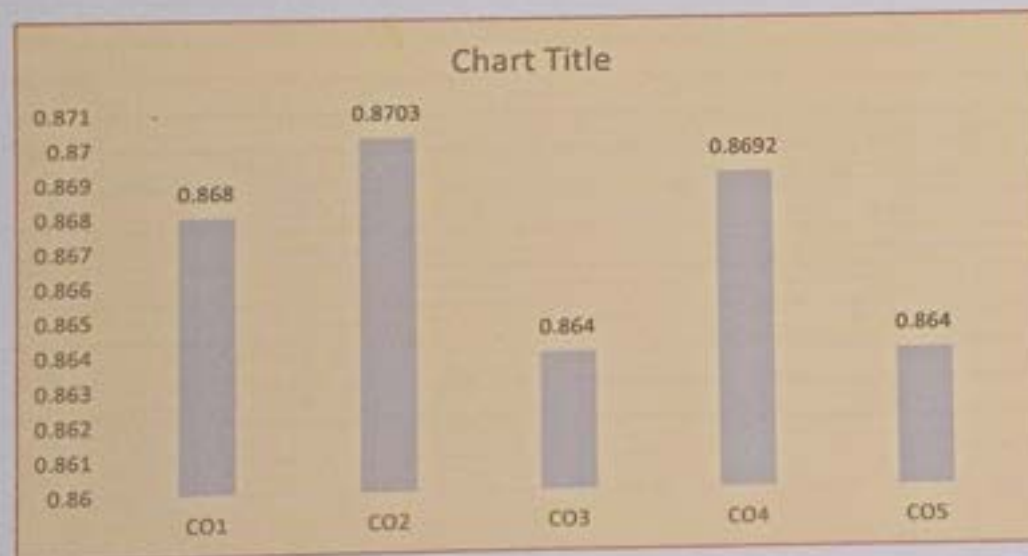
CO	Int.Exam+Assignment	End sem	total	%
CO1	4.06	75	79.06	86.87912
CO2	4.2	75	79.2	87.03297
CO3	3.7	75	78.7	86.48352
CO4	4.1	75	79.1	86.92308
CO5	3.7	75	78.7	86.48352



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD CHEMISTRY
 SUBJECT CODE : 16SACND2
 NO OF STUDENTS : 48

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	86.80%
CO2	87.03%
CO3	86.40%
CO4	86.92%
CO5	86.40%



COURSE ATTAINMENT FOR BSC NUTRITION AND DIETETICS

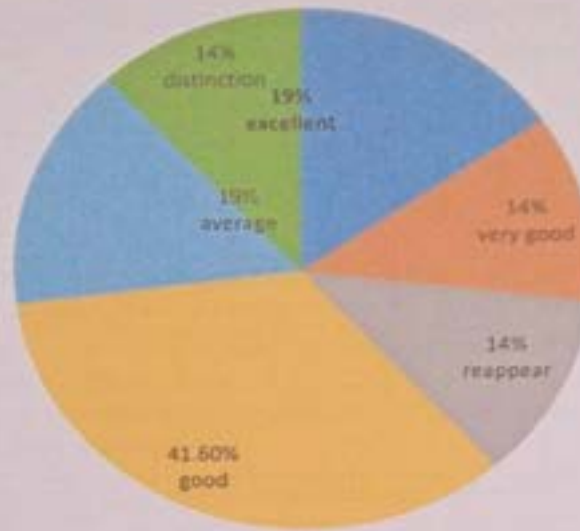
SUBJECT NAME : FOOD CHEMISTRY
 SUBJECT CODE : 16SACND2
 NO OF STUDENTS : 48

CATEGORY MARKS	NO OF STUDENTS	STATUS
70-79	9	DISTINCTIVE
60-69	7	VERY GOOD
50-59	20	GOOD
0-49	9	AVERAGE
BELOW 40	7	RE- APPEAR

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	19%	EXCELLENT
70-79	14%	DISTINCTION
60-69	14%	VERY GOOD
50-59	41.60%	GOOD
0-49	19%	AVERAGE
0-49	14%	RE-APPEAR



PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69 ■ 50-59 ■ 0-49 ■ 0-49 ■



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (B.S.c N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - BAKERY AND CONFECTIONERY

Course code & Course Title	COURSE OUTCOME	
16SCCND7 BAKERY AND CONFECTIONERY	CO1	Understand the importance of baking and confectionery
	CO2	Understand the principles, role of various food components involved in baking and confectionery.
	CO3	Develop skills and responsibility for setting up bakery and confectionery units
	CO4	Students are able to understand the basic knowledge relating to food safety and principles of preservation
	CO5	Students will understand the concept of processing and preservation of fruits and vegetables



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	1	2	0	3	3
CO2	2	0	2	2	3
CO3	2	1	3	2	2
CO4	2	0	2	2	2
CO5	2	0	2	1	3
Average	1.8	0.6	2	2	2.6

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar (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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	AASIMMA ANSARI.T	CB16S394270	5	5	4	4	4	22	88
2	ABARNA.A	CB16S394271	3	4	4	4	4	19	76
3	ARPUTHA.R	CB16S394272	5	4	4	4	4	21	84
4	DEVADHARSHINI.R	CB16S394274	4	4	4	4	4	20	80
5	DEVASHRI.S	CB16S394275	4	4	4	4	4	20	80
6	DHARANYA.K	CB16S394276	5	4	4	4	4	21	84
7	DHIVYA.S	CB16S394277	4	4	4	4	4	20	80
8	DINESH KUMAR.M	CB16S394278	4	4	3	3	2	16	64
9	HAJI MOHAMMED.M	CB16S394279	4	4	4	3	2	17	68
10	JANAKIPRIYA.R	CB16S394281	5	5	5	4	4	23	92
11	JESSY MARGARET.J	CB16S394282	4	4	4	4	5	21	84
12	KALPANA.G	CB16S394283	2	2	2	3	3	12	48
13	KANIMOZHIL.R	CB16S394284	4	4	3	3	2	16	64
14	KAVIYA.M	CB16S394285	3	3	4	4	4	18	72
15	KEERTHANA.E	CB16S394286	4	3	4	4	4	19	76
16	KOWSHIKA.A	CB16S394287	4	4	4	4	5	21	84
17	MADHUPRIYA.K	CB16S394288	4	4	4	4	3	19	76
18	MANISHA.S	CB16S394289	4	4	4	4	5	21	84
19	MONIKA.R	CB16S394290	3	4	4	4	4	19	76
20	NAGALAKSHMI.R	CB16S394291	4	4	4	4	4	20	80
21	NANDHINI.M	CB16S394292	3	4	4	4	4	19	76
22	PADMALAKSHMI.A	CB16S394293	4	4	3	4	4	19	76
23	PANCHALI.N	CB16S394294	4	4	4	5	5	22	88
24	POOJA.R	CB16S394295	4	4	4	4	4	20	80
25	REENA.B	CB16S394296	4	4	4	4	4	20	80
26	SHAHIN BANU.A	CB16S394297	4	4	4	5	5	22	88
27	SIVASAKTHI.R	CB16S394298	4	4	4	4	4	20	80
28	SRIDEVI.D.V	CB16S394299	4	4	4	4	5	21	84
29	SUGUNA.J	CB16S394300	4	4	4	2	4	18	72
30	SUGUNA.R	CB16S394301	4	4	5	5	5	23	92
31	SUMAIYA BEGUM.S	CB16S394302	4	4	4	4	4	20	80
Average			3.94	3.94	3.90	3.50	3.50		



Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	3.94	75	78.94	92.9
CO2	3.94	75	78.94	92.9
CO3	3.9	75	78.9	92.8
CO4	3.5	75	78.5	92.4
CO5	3.5	75	78.5	92.4

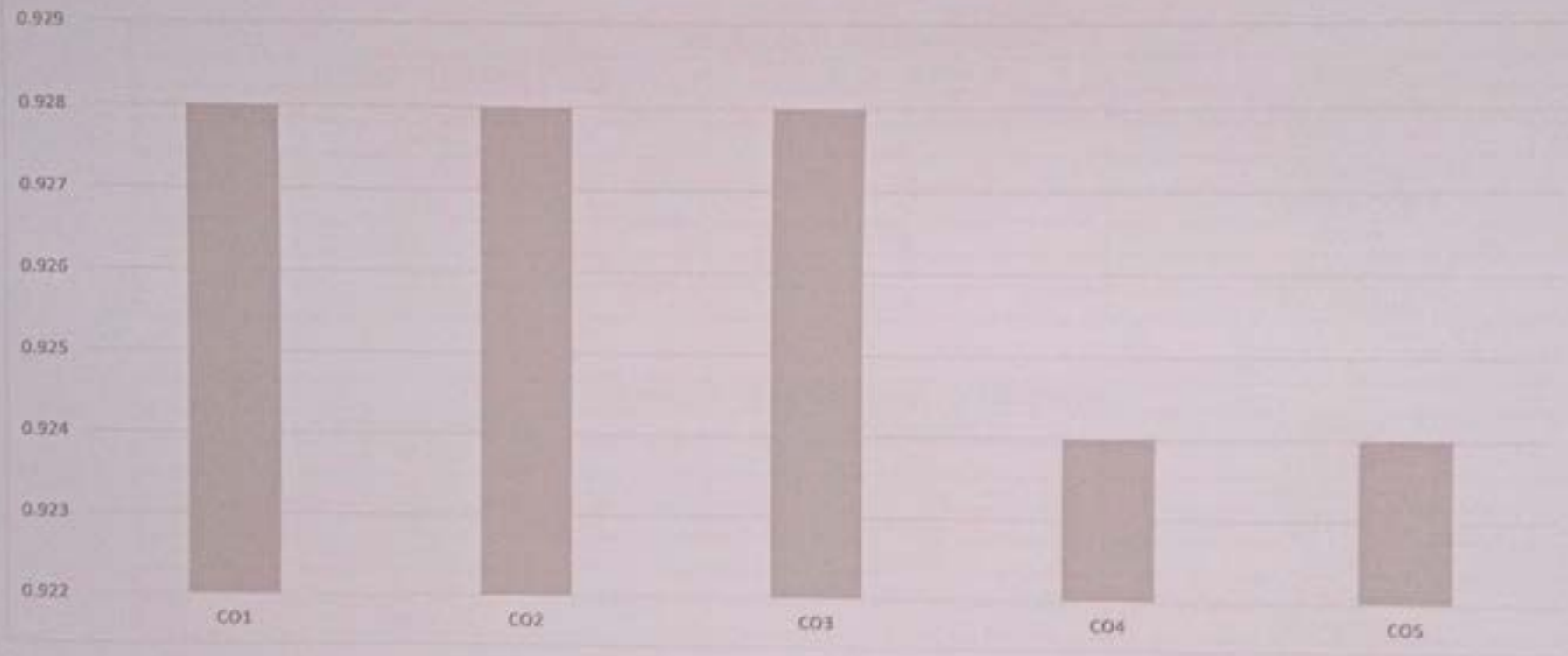
COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : BAKERY AND CONFECTIONERY
 SUBJECT CODE : 16SCCND7
 NO OF STUDENTS : 31

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.80%
CO2	92.80%
CO3	92.80%
CO4	92.40%
CO5	92.40%



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : BAKERY AND CONFECTIONERY
SUBJECT CODE : 16SCCND7
NO OF STUDENTS : 31

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	2	EXCELLENT
70-79	10	DISTINCTION
60-69	9	VERY GOOD
50-59	6	GOOD
40-49	3	AVERAGE
Below 40	1	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	6.45%	EXCELLENT
70-79	32.25%	DISTINCTION
60-69	29.03%	VERY GOOD
50-59	19.35%	GOOD
40-49	9.67%	AVERAGE
Below 40	3.22%	RE- APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



PRINCIPAL

Bharath College of Science and Management
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THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

(BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAM :B.SC N&D

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Gain knowledge about physio – chemical changes in foods.
FOOD STANDARD QUALITY CONTROL (RACSY82F)	CO 2	Gain knowledge on sources, uses, properties and changes in starches, sugars, proteins and browning reactions
	CO 3	Gains knowledge on the importance of quality assurance in food industry.
	CO 4	Gain knowledge about proteins in foods, flavour and aroma, Common food adulterants and toxins and enzymes
	CO 5	Thorough knowledge on various tests and quality assessment, using standards for quality assessment and food safety.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	0	0	0	0
CO2	0	0	0	0	0
CO3	1	2	0	0	0
CO4	1	0	0	0	1
CO5	1	0	0	0	3
Average	0.8	0.4	0	0	4

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AASIMMA ANSARI.T	CB16S394270	4	4	4	4	5	21	84
2	ABARNA.A	CB16S394271	4	4	4	4	5	21	84
3	ARPUTHA.R	CB16S394272	4	4	3	4	3	18	72
4	DEVADHARSHINI.R	CB16S394274	4	4	3	3	3	17	68
5	DEVASHRI.S	CB16S394275	4	4	4	4	4	20	80
6	DHARANYA.K	CB16S394276	4	4	4	4	4	20	80
7	DHIVYA.S	CB16S394277	4	4	4	4	4	20	80
8	DINESH KUMAR.M	CB16S394278	4	3	3	3	3	16	64
9	HAJI MOHAMMED.M	CB16S394279	4	4	3	3	3	17	68
10	JANAKIPRIYA.R	CB16S394281	4	4	4	5	5	22	88
11	JESSY MARGARET.J	CB16S394282	4	4	4	4	4	20	80
12	KANIMOZHI.R	CB16S394284	4	3	3	3	3	16	64
13	KAVIYA.M	CB16S394285	5	4	3	4	3	19	76
14	KEERTHANA.E	CB16S394286	4	4	3	3	3	17	68
15	KOWSHIKA.A	CB16S394287	4	4	4	4	5	21	84
16	MADHUPRIYA.K	CB16S394288	5	4	3	4	3	19	76
17	MANISHA.S	CB16S394289	4	4	4	4	5	21	84
18	MONIKA.R	CB16S394290	5	4	3	4	3	19	76
19	NAGALAKSHMI.R	CB16S394291	4	4	4	4	4	20	80
20	NANDHINI.M	CB16S394292	4	4	3	4	3	18	72
21	PADMALAKSHMI.A	CB16S394293	4	4	3	3	3	17	68
22	PANCHALI.N	CB16S394294	4	4	4	4	4	20	80
23	POOJA.R	CB16S394295	4	4	4	4	5	21	84
24	REENA.B	CB16S394296	5	4	3	4	3	19	76
25	SHAHIN BANU.A	CB16S394297	4	4	4	4	5	21	84
26	SIVASAKTHI.R	CB16S394298	5	4	3	4	3	19	76
27	SRIDEVI.D.V	CB16S394299	4	4	4	4	5	21	84



28	SUGUNA.J	CB16S394300	4	4	4	4	5	21	84
29	SUGUNA.R	CB16S394301	4	3	3	3	3	16	64
30	SUMAIYA BEGUM.S	CB16S394302	4	4	5	5	5	23	92
			4.166666667	3.9	3.566667	3.833333	3.866667		



Expected attainment in each CO -85%				
CO	Int.Exam+ Assignment	End sem	Total	%
CO1	4.1630303	75	79.1630303	94.2417
CO2	3.9	75	78.9	93.92857
CO3	3.56	75	78.56	93.52381
CO4	3.83	75	78.83	93.84524
CO5	3.86	75	78.86	93.88095

COURSE ATTAINMENT FOR B.SC :N&D

SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

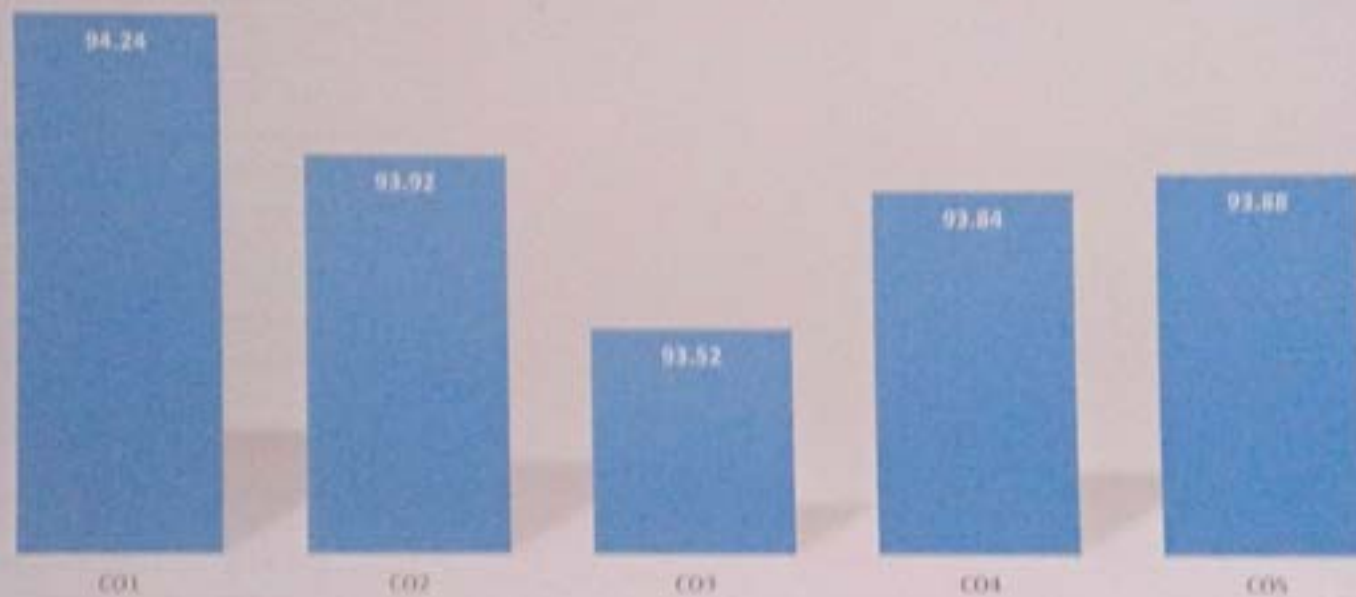
SUBJECT CODE : 16SMBEN1D1

NO OF STUDENTS : 30

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.24
CO2	93.92
CO3	93.52
CO4	93.84
CO5	93.88



PERCENTAGE OF ATTAINMENT



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SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMEND1

NO OF STUDENTS : 30

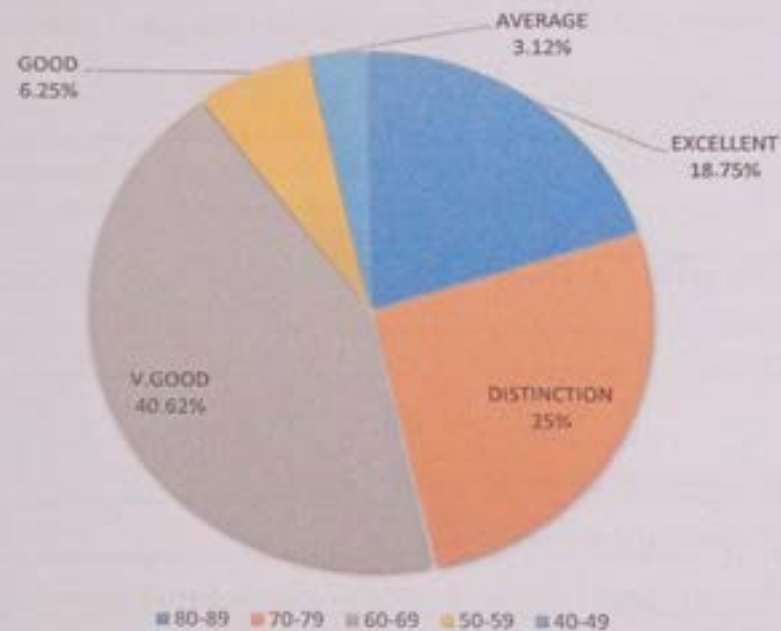
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	6	EXCELLENT
70-79	8	DISTINCTION
60-69	13	V.GOOD
50-59	2	GOOD
40-49	1	AVERAGE
BELOW40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
80-89	18.75%	EXCELLENT
70-79	25%	DISTINCTION
60-69	40.62%	V.GOOD
50-59	6.25%	GOOD
40-49	3.12%	AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE CODE&COURSE TITLE	NAME OF THE PROGRAMME: BSc N&D	
165CCND9 FOOD SERVICE MANAGEMENT-II	COURSE OUTCOME	
	CO1	To enable the students to gain knowledge on systems, types and styles of food service in catering establishments.
	CO2	Gain knowledge in handling equipments and their maintenance
	CO3	Gain knowledge on ideal food service layout.
	CO4	Assess leadership, supervisory and human relation skills within the restaurant and food service industry
	CO5	Perform training and communication skills relevant to the restaurant, food industry etc



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	2	3	3	3
CO2	3	2	2	2	3
CO3	2	3	3	3	3
CO4	3	3	3	2	2
CO5	3	2	3	3	3
Average	2.6	2.4	2.8	2.6	2.8

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAMES	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AASIMMA ANSARI.T	CB16S394270	5	5	4	4	5	23	92
2	ABARNA.A	CB16S394271	5	4	4	4	5	22	88
3	ARPUTHA.R	CB16S394272	4	4	4	4	4	20	80
4	DEVARDOOSVELT.A	CB16S394273	4	4	3	4	3	18	72
5	DEVADHARSHINI.R	CB16S394274	4	4	4	5	4	21	84
6	DEVASHRI.S	CB16S394275	5	4	4	4	5	21	84
7	DHARANYA.K	CB16S394276	4	4	4	4	4	20	80
8	DHIVYA.S	CB16S394277	4	4	5	4	4	21	84
9	DINESH KUMAR.M	CB16S394278	3	4	4	4	4	21	84
10	HAJI MOHAMMED.M	CB16S394279	4	4	4	4	4	20	80
11	JANAKIPRIYA.R	CB16S394281	5	5	5	5	3	23	92
12	JESSY MARGARET.J	CB16S394282	5	3	4	4	5	21	84
13	KANIMOZHIL.R	CB16S394284	4	3	3	4	4	18	72
14	KAVIYA.M	CB16S394285	3	4	5	5	5	22	88
15	KEERTHANA.E	CB16S394286	5	3	4	4	5	21	84
16	KOWSHIKA.A	CB16S394287	5	5	4	4	5	23	92
17	MADHUPRIYA.K	CB16S394288	5	3	4	4	5	21	84
18	MANISHA.S	CB16S394289	5	5	5	5	5	25	100
19	MONIKA.R	CB16S394290	5	5	4	4	5	23	92
20	NAGALAKSHMI.R	CB16S394291	5	5	4	4	5	23	92
21	NANDHINI.M	CB16S394292	3	4	5	5	5	22	88
22	PADMALAKSHMI.A	CB16S394293	5	3	4	4	5	21	84
23	PANCHALI.N	CB16S394294	5	3	4	4	5	21	84
24	POOJA.R	CB16S394295	4	4	4	4	4	20	80
25	REENA.B	CB16S394296	3	4	5	5	5	22	88
26	SHAHIN BANU.A	CB16S394297	4	4	4	4	4	20	80
27	SIVASAKTHI.R	CB16S394298	4	4	4	4	4	20	80
28	SRIDEVI.D.V	CB16S394299	4	4	4	4	4	20	80



29	SUGUNA.J	CB16S394300	4	3	3	4	4	18	72
30	SUGUNA.R	CB16S394301	5	3	4	4	5	21	84
31	SUMAIYA BEGUM.S	CB16S394302	3	4	5	5	5	22	88
	AVERAGE		4.290322581	3.935484	4.129032	4.225806	4.483870968		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.29	75	79.29	93.28235
CO2	3.93	75	78.93	92.85882
CO3	4.12	75	79.12	93.08235
CO4	4.22	75	79.22	93.2
CO5	4.48	75	79.48	93.50588

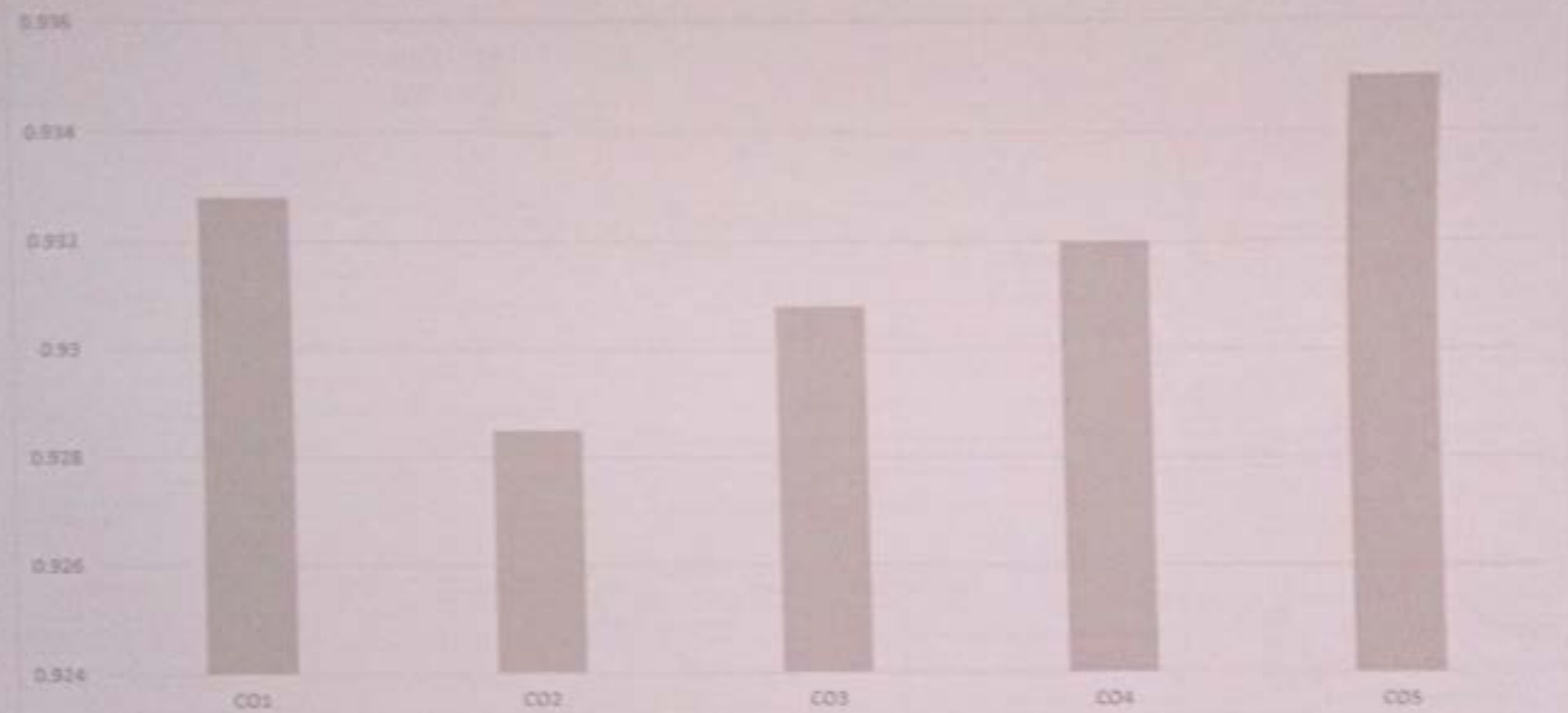
COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD SERVICE MANAGEMENT-II
 SUBJECT CODE : 16SCCND9
 NO OF STUDENTS : 31

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.28%
CO2	92.85%
CO3	93.08%
CO4	93.20%
CO5	93.50%



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD SERVICE MANAGEMENT-II
 SUBJECT CODE : 16SCCND9
 NO OF STUDENTS : 31

COURSE OUTCOME ASSESSMENT

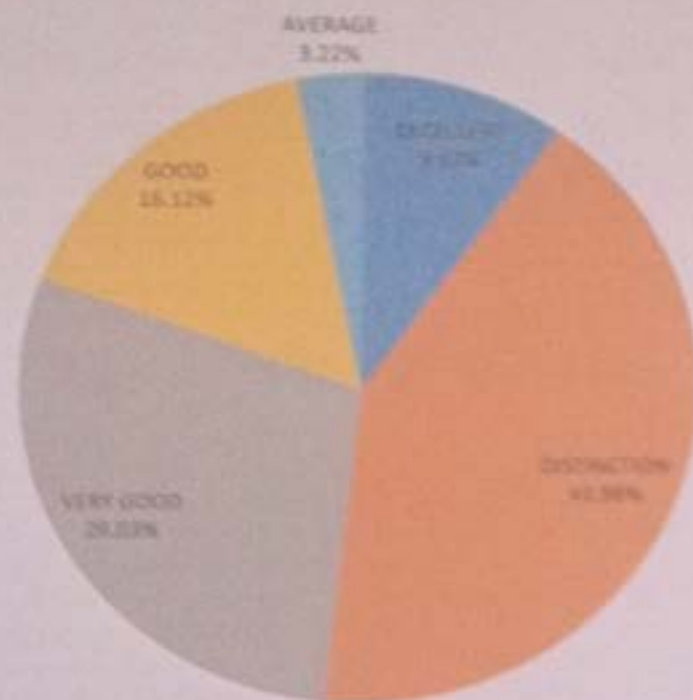
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	3	EXCELLENT
70-79	13	DISTINCTION
60-69	9	VERY GOOD
50-59	5	GOOD
40-49	1	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	9.67%	EXCELLENT
70-79	41.98%	DISTINCTION
60-69	29.03%	VERY GOOD
50-59	16.12%	GOOD
40-49	3.22%	AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-90 ■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49



[Signature]

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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME: MSc FSMD

**COURSE CODE
& COURSE TITLE**

COURSE OUTCOME

**P16F5E3
COUNSELLING
SKILLS**

CO 1	Understand the principles and procedures of nutrition counselling
CO 2	Understand the role of the counsellor
CO 3	Develop an understanding in lifestyles in influence on health and well-being
CO 4	Effects of acute and chronic diseases on the emotional and psychological state.
CO 5	Understand the behaviour of the individuals .



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	0	2	2	3
CO2	0	3	2	2	3
CO3	3	3	3	2	2
CO4	3	3	2	3	1
CO5	3	3	3	2	3
Average	2.2	2.4	2.4	2.2	2.4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABIRAMI.M	P17450101	5	4	5	4	5	23	92
2	AKSHYA.V	P17450102	5	5	5	4	5	24	96
3	EDITH PRBHAVATHI.A	P17450103	5	5	4	4	4	22	88
4	GAYATHRI.N	P17450104	4	4	5	4	4	21	84
5	HARIHARAN.D	P17450105	4	5	4	4	4	21	84
6	JANAKIRAMAN.S	P17450106	4	5	4	5	4	21	84
7	KEERTHIKA.G	P17450107	5	4	4	5	4	22	88
8	KOUSALYA.M	P17450108	4	4	4	4	4	20	80
9	MATHUMITHA.P	P17450109	4	5	5	5	5	24	96
10	MOHANESWARI.S	P17450110	5	5	5	4	4	23	92
11	NASREEN MUNAWARA.M	P17450111	4	4	5	4	5	22	88
12	NIVETHA.S	P17450112	4	5	5	5	4	23	92
13	PATTAAMAL.S	P17450113	4	4	4	4	4	20	80
14	PRIYA.P	P17450114	5	4	5	4	4	22	88
15	PRIYANKA.V	P17450115	4	5	4	4	5	22	88
16	SIVAGAMI.K	P17450116	5	4	4	5	5	23	92
17	SOWMIYA.C	P17450117	5	4	4	5	4	22	88
18	VINITHA.MC	P17450118	5	5	5	5	4	24	96
19	VINOSRI.T	P17450119	5	4	4	4	4	21	84
20	YAZHINI.S	P17450120	4	4	4	4	4	20	80
	AVERAGE		4.5	4.45	4.45	4.35	4.3		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.5	75	79.5	93.52941
CO2	4.45	75	79.45	93.47059
CO3	4.45	75	79.45	93.47059
CO4	4.35	75	79.35	93.35294
CO5	4.3	75	79.3	93.29412

COURSE ATTAINMENT FOR MSc FSMO

SUBJECT NAME :
SUBJECT CODE :
NO OF STUDENTS :

COUNSELLING SKILLS
P16FSE5
20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.52%
CO2	93.47%
CO3	93.47%
CO4	93.35%
CO5	93.29%





COURSE ATTAINMENT FOR MSc FSMO

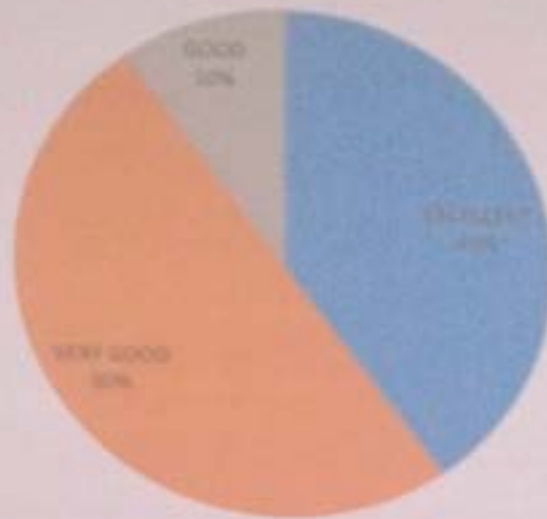
SUBJECT NAME : COUNSELLING SKILLS
SUBJECT CODE : P16FSE5
NO OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	8	EXCELLENT
70-79	10	VERY GOOD
60-69	2	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	40%	EXCELLENT
70-79	50%	VERY GOOD
60-69	10%	GOOD

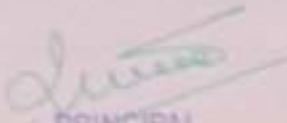


COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-100 ■ 70-79 ■ 60-69




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
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PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and Course outcomes

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME: MSc iFSMD	
	COURSE OUTCOME	
P16FS21 DIETETICS	CO 1	Learn, analyse and apply the nutrition care process and therapeutic dietary approach
	CO 2	Understand the aetiology, physiologic and metabolic anomalies of acute and chronic diseases and patient needs
	CO 3	Know the effect of various diseases on nutritional status and nutritional and dietary requirements.
	CO 4	Develop aptitude for taking up dietetics as a profession
	CO 5	Develop capacity and aptitude for taking up dietetics as a profession.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



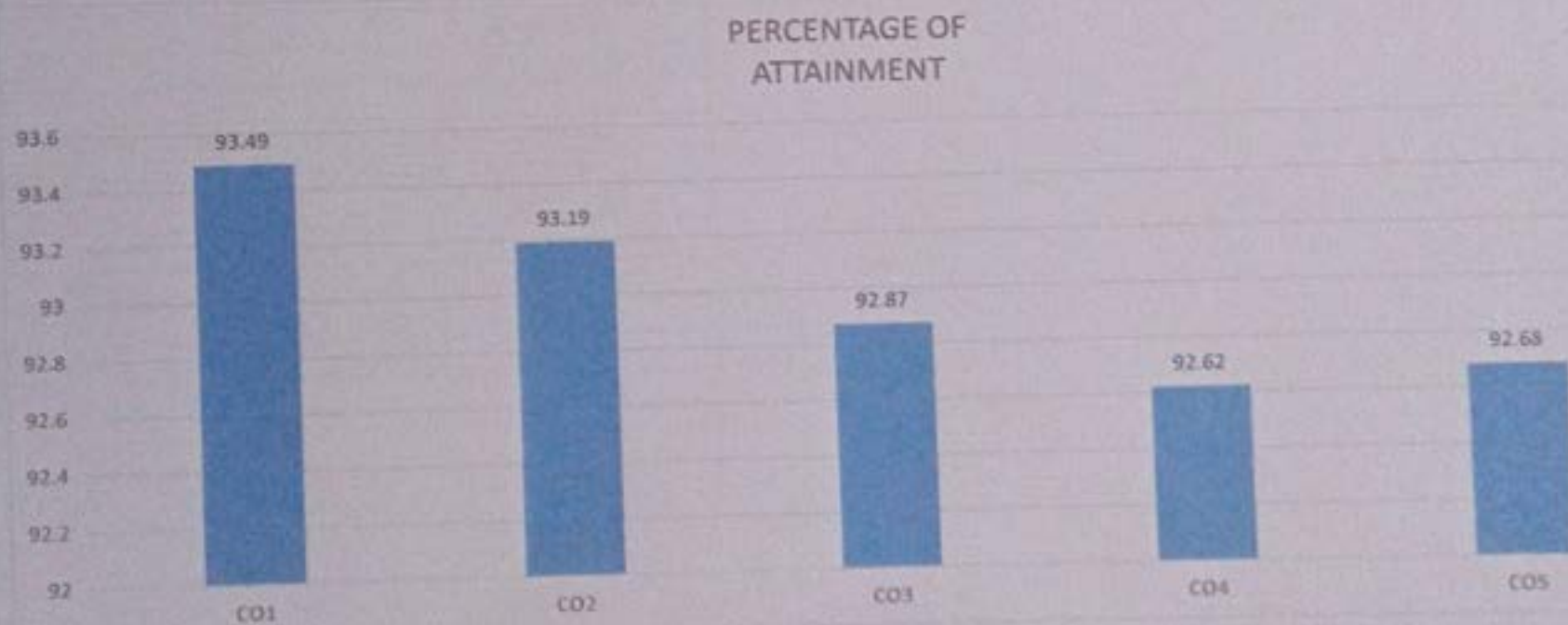
NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
AJUMAANSARIT	P18450066	5	4	4	4	4	21	84
BALAKRISHNAN.UR	P18450067	4	4	3	3	3	17	68
GAYATHRI.M	P18450068	5	4	4	3	4	20	80
HAMSAVARITHINI.S	P18450069	5	5	5	4	4	23	92
KRISHNAVENI.R	P18450070	4	4	4	3	3	18	72
LEENAJENIFER.J	P18450071	5	4	4	4	4	21	84
MAHESWARGANDHIS	P18450072	4	4	3	3	3	17	68
MOUNIKA.P	P18450073	5	5	5	5	4	24	96
NANDHINI.C	P18450074	4	4	4	4	4	20	80
NANDHINI.S	P18450075	5	4	4	4	4	21	84
NIVEDHA.B	P18450076	5	5	4	4	4	22	88
PRIYANGA.R	P18450077	5	5	4	4	4	22	88
SABARIMANI.B	P18450078	4	4	4	4	4	20	80
SOWMIYA.V	P18450079	5	5	5	4	4	23	92
SURUDHI.V	P18450080	5	4	4	4	5	22	88
UTHAYA.B	P18450081	3	3	3	3	3	15	60
VENNILA.A	P18450082	5	5	4	4	4	22	88
VIDYA.A	P18450083	3	3	3	3	3	15	60
VIDYA.C	P18450084	4	4	4	4	4	20	80
AVERAGE		4.47	4.21	3.95	3.74	3.79		

Expected attainment in each CO -85%				
CO	Int.Exam+Assignme	End sem	total	%
CO1	4.47	75	79.47	93.49
CO2	4.21	75	79.21	93.19
CO3	3.94	75	78.94	92.87
CO4	3.73	75	78.73	92.62
CO5	3.78	75	78.78	92.68



COURSE ATTAINMENT FOR M.Sc FSMD
SUBJECT NAME: DIETETICS
SUBJECT CODE :P16FS21
NUMBER OF STUDENTS :19

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.49
CO2	93.19
CO3	92.87
CO4	92.62
CO5	92.68



COURSE ATTAINMENT FOR M.Sc FSMD

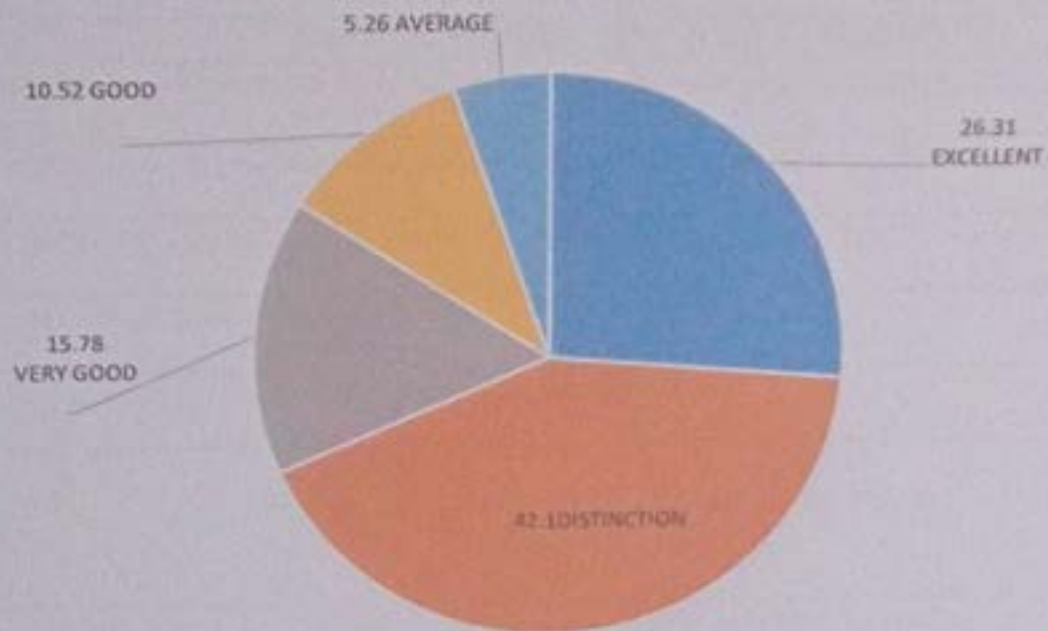
SUBJECT NAME :DIETETICS
SUBJECT CODE : P16FS21
NO OF STUDENTS :19

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	5	EXCELLENT
70-79	8	DISTINCTION
60-69	3	VERY GOOD
50-59	2	GOOD
40-49	1	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	26.31	EXCELLENT
70-79	42.1	DISTINCTION
60-69	15.78	VERY GOOD
50-59	10.52	GOOD
40-49	5.26	AVERAGE



course outcome assessment percentage



* 80-90 * 70-79 * 60-69 * 50-59 * 40-49



[Signature]
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(UGC Recognized 2(f) & 12(b) Institution)

PG & RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

**NAME OF THE PROGRAMME- M.Sc FSMD
COURSE OUTCOMES**

COURSE CODE&TITLE	CO 1	Gain knowledge on source and properties of food
P16FS11 ADVANCED FOOD SCIENCE	CO 2	Develop skills to judge the quality of cooked foods
	CO 3	Understand the principles and chemistry of foods.
	CO 4	Apply the principles while preparing and cooking
	CO 5	Comprehend knowledge on the characteristics and properties of foods in cooking process



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
TOTAL	1	13	2	1	4

Internal Examination Mark Distribution for each course outcome			
CO	(15) INTERNAL	(5) ASSIGNMENT	(5) SEMINAR
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1



REG. NUMBER	STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
P18450066	AJJUMAANSARLT	5	5	5	4	3	20	80
P18450067	BALAKRISHNAN.UR	4	3	3	3	2	18	72
P18450068	GAYATHRI.M	3	3	3	3	4	16	64
P18450069	HAMSAVARITHINI.S	4	4	4	4	5	21	84
P18450070	KRISHNAVENI.R	5	4	4	3	3	18	72
P18450071	LEENAJENIFER.J	4	4	4	4	4	19	76
P18450072	MAHESWARGANDHLS	3	3	3	3	4	20	80
P18450073	MOUNIKA.P	4	4	4	4	4	19	76
P18450074	NANDHINI.C	4	4	4	4	4	17	68
P18450075	NANDHINI.S	4	4	4	4	4	16	64
P18450076	NIVEDHA.B	4	4	4	4	4	15	60
P18450077	PRIYANGA.R	4	4	3	4	3	20	80
P18450078	SABARIMANI.B	4	4	4	4	5	20	80
P18450079	SOWMIYA.V	4	4	4	4	4	16	64
P18450080	SURUDHI.V	4	4	3	3	3	17	68
P18450081	UTHAYA.B	4	4	4	4	3	16	64
P18450082	VENNILA.A	4	4	4	4	4	17	68
P18450083	VIDHYA.A	4	4	4	3	3	17	68
P18450084	VIDYA.C	4	4	4	4	3	16	64
		4	3.894736842	3.78947	3.68421	3.63158		



Expected attainment in each CO -85%				
CO	Int.Exam+Assignment	End sem	total	%
CO1	4.3	75	79.3	93.3
CO2	3.8	75	78.8	92.7
CO3	3.7	75	78.7	92.6
CO4	3.68	75	78.68	92.6
CO5	3.6	75	78.6	92.5

COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

SUBJECT CODE :P16FS11

NO.OF STUDENTS:19

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.3
CO2	92.7
CO3	92.6
CO4	92.6
CO5	92.5



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : ADVANCED FOOD SCIENCE
SUBJECT CODE : P16FS11
NO OF STUDENTS : 19

COURSE OUTCOME ASSESSMENT

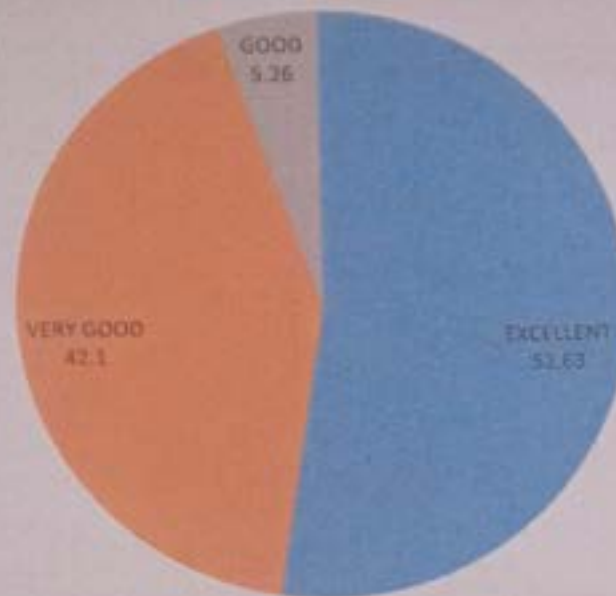
CATEGORY MARKS	NO OF	STATUS
90 and above (100)	0	OUTSTANDING
80-89	10	EXCELLENT
70-79	8	VERY GOOD
60-69	1	GOOD
50-59	0	ABOVE AVERAGE
below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	52.63157895	EXCELLENT
70-79	42.10526316	VERY GOOD
60-69	5.263157895	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69




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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

UGC Recognized(12f) (12b) Institution

Affiliated to Bharathidasan University, Tiruchirapalli.

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE COURSE- CLINICAL BIOCHEMISTRY

COURSE OUTCOME

COURSE CODE&TITLE P16FS13 CLINICAL BIOCHEMISTRY	CO 1	Understand the metabolism of the nutrients and the associated diseases
	CO 2	Know the organ specific function tests associated with the disease
	CO 3	Comprehend the role of hormone in health.
	CO 4	Understand the diferent evaluation of organ function tests.
	CO 5	Obtain knowledge on different disorders in human body.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
AVRERAGE	1	13	2	1	4

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



STUDENT NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
AJUMAANSARI.T	P18450066	5	5	5	4	3	22	88
BALAKRISHNAN.UR	P18450067	4	3	3	3	2	15	60
GAYATHRI .M	P18450068	3	3	3	3	4	16	64
HAMSAVARITHINI .S	P18450069	4	4	4	4	5	21	84
KRISHNAVENI .R	P18450070	5	4	4	3	3	19	76
LEENAJENIFER .J	P18450071	4	4	4	4	4	20	80
MAHESWARGANDHI.S	P18450072	3	3	3	3	4	16	64
MOUNIKA .P	P18450073	4	4	4	4	4	20	80
NANDHINI .C	P18450074	4	4	4	4	4	20	80
NANDHINI .S	P18450075	4	4	4	4	4	20	80
NIVEDHA .B	P18450076	4	4	4	4	4	20	80
PRIYANGA .R	P18450077	4	4	3	4	3	18	72
SABARIMANI .B	P18450078	4	4	4	4	5	21	84
SOWMIYA .V	P18450079	4	4	4	4	4	20	80
SURUDHI .V	P18450080	4	4	3	3	3	17	68
UTHAYA .B	P18450081	4	4	4	4	3	19	76
VENNILA .A	P18450082	4	4	4	4	4	19	76
VIDHYA.A	P18450083	4	4	4	3	3	18	72
VIDYA .C	P18450084	4	4	4	4	3	19	76
		4	3.89473684	3.789474	3.684211	3.631579		

Expected attainment in each CO -85%

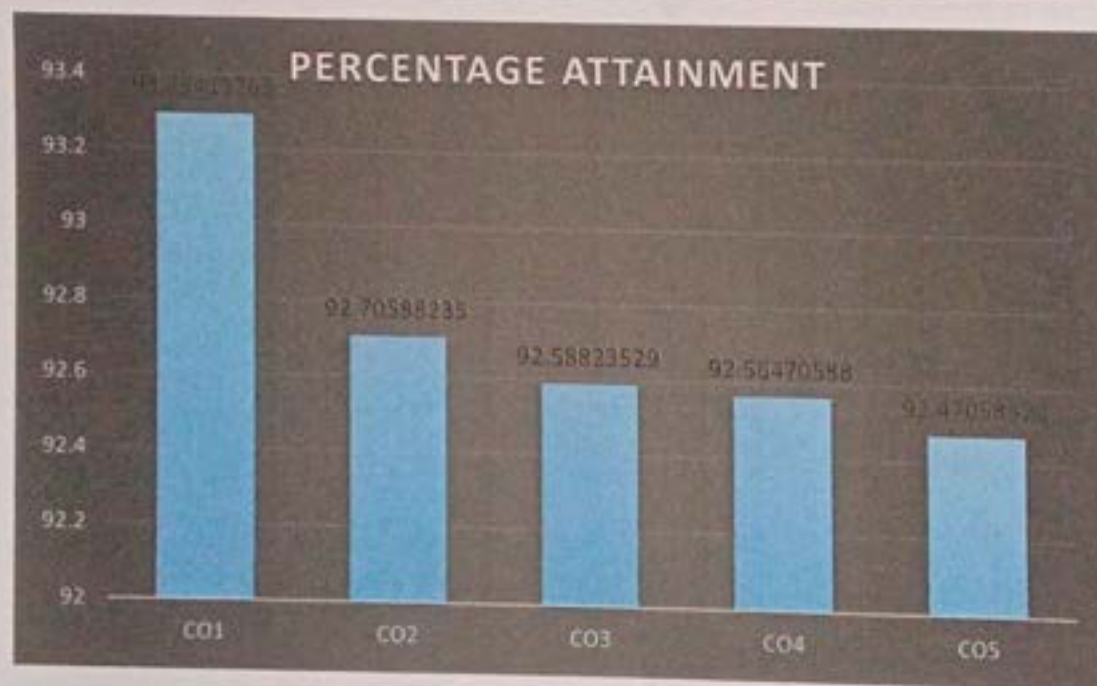
CO	Int.Exam+Assign	End sem	total	%
CO1	4.3	75	79.3	93.29412
CO2	3.8	75	78.8	92.70588
CO3	3.7	75	78.7	92.58824
CO4	3.68	75	78.68	92.56471
CO5	3.6	75	78.6	92.47059



COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
SUBJECT CODE : P16FS13
NO OF STUDENTS : 19

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.29411765
CO2	92.70588235
CO3	92.58823529
CO4	92.56470588
CO5	92.47058824

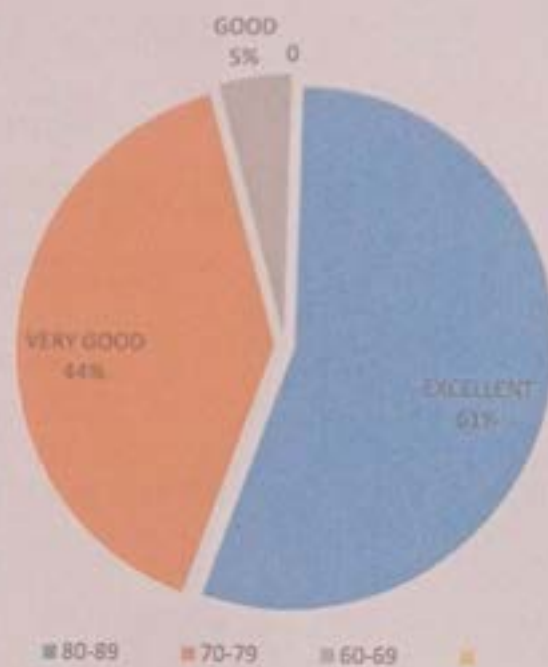


CATEGORY MARKS	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	11	EXCELLENT
70-79	8	VERY GOOD
60-69	1	GOOD
50-59	0	AVERAGE
Below 50	0	RE- APPEAR

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	61%	EXCELLENT
70-79	44%	VERY GOOD
60-69	5%	GOOD



PERCENTAGE



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Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (M.S.c FSMD)

PO1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO3	Capable to develop and evaluate unique health food products to foster healthy society.
PO4	Manage and administrate dietaries and food service outlets effectively
PO5	Become a successful professional, entrepreneur and researcher.

COURSE - QUANTITY FOOD PRODUCTION AND SERVICE

Course Code & Course Title	COURSE OUTCOME	
P16FS31 Quantity food production and service	CO1	Gain knowledge in menu planning, large scale food production and service.
	CO2	Manage the mass production of cuisines and beverages.
	CO3	Know the different types of food service techniques
	CO4	Learn aspects on quantity production and quality control
	CO5	Gain knowledge on standardization of recipes



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	3	3
CO2	2	0	2	3	3
CO3	2	1	1	3	3
CO4	2	0	3	3	3
CO5	2	0	2	1	3
Average	1.6	0.2	2.6	2.6	3

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	ABIRAMI.M	P17450101	4	5	5	4	5	23	92
2	AKSHYA.V	P17450102	4	4	4	5	5	22	88
3	EDITH PRBHAVATHI.A	P17450103	4	4	4	4	4	20	80
4	GAYATHRI.N	P17450104	4	3	5	4	4	20	80
5	HARIHARAN.D	P17450105	3	5	4	4	4	20	80
6	JANAKIRAMAN.S	P17450106	4	4	4	4	4	20	80
7	KEERTHIKA.G	P17450107	5	5	5	5	5	25	100
8	KOUSALYA.M	P17450108	4	4	4	4	4	20	80
9	MATHUMITHA.P	P17450109	5	5	5	5	5	25	100
10	MOHANESWARI.S	P17450110	4	4	4	5	5	22	88
11	NASREEN MUNAWARA.M	P17450111	4	4	4	4	4	20	80
12	NIVETHA.S	P17450112	5	5	4	4	5	23	92
13	PATTAAMAL.S	P17450113	5	5	4	4	5	23	92
14	PRIYA.P	P17450114	4	4	4	5	5	22	88
15	PRIYANKA.V	P17450115	4	4	4	4	4	20	80
16	SIVAGAMI.K	P17450116	4	5	5	5	4	23	92
17	SOWMIYA.C	P17450117	4	4	4	4	4	20	80
18	VINITHA.MC	P17450118	4	5	4	4	4	21	84
19	VINOSRI.T	P17450119	4	4	4	5	3	20	80
20	YAZHINI.S	P17450120	3	4	4	4	5	20	80
Average			4.10	4.35	4.25	4.35	4.40		

Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.1	75	79.1	93.1
CO2	4.35	75	79.35	93.4
CO3	4.25	75	79.25	93.2
CO4	4.97	75	79.97	94.1
CO5	4.4	75	79.4	93.4



COURSE ATTAINMENT FOR MSc FSMD

QUANTITY FOOD PRODUCTION AND SERVICE

SUBJECT NAME :

SUBJECT CODE :

NO OF STUDENTS :

P16FS31

20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.10%
CO2	93.40%
CO3	93.20%
CO4	94.10%
CO5	93.40%



SUBJECT NAME :
 SUBJECT CODE :
 NO OF STUDENTS :

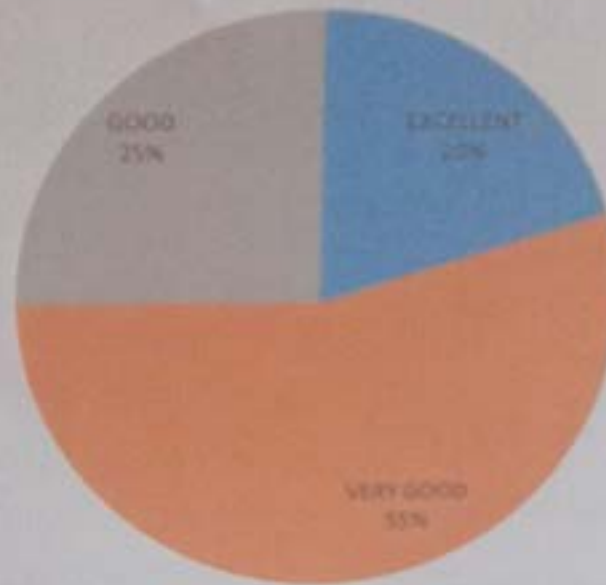
COURSE ATTAINMENT FOR MSc FSMD
 QUANTITY FOOD PRODUCTION AND SERVICE
 P16FS31
 20

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	4	EXCELLENT
70-79	11	VERY GOOD
60-69	5	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	20%	EXCELLENT
70-79	55%	VERY GOOD
60-69	25%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69



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PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcome

Course Outcome-Programme Outcome Mapping

PROGRAMME OUTCOME(M.Sc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAM :M.SC FSMD

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Provide a platform to undertake innovative research for new product development
FOOD PRODUCT DEVELOPMENT(P16FSE4)	CO 2	Understand the applications of food service operations, dietetics, food chemistry
	CO 3	Gain knowledge on Recipe development
	CO 4	Develop integrated problem-solving competency and establish as scientists, research associates, food assurance officers and independent entrepreneurs
	CO 5	Competent to pursue career in the fields of hospitality service industry, food industry and health care sector



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	0	2
CO2	3	3	0	2	0
CO3	0	0	0	0	3
CO4	0	0	0	0	1
CO5	3	1	1	3	3
Average	1.2	0.8	0.2	1	1.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABIRAMI.M	P17450101	4	4	4	5	5	22	88
2	AKSHYA.V	P17450102	5	5	4	5	5	24	96
3	EDITH PRBHAVATHI.A	P17450103	4	4	4	5	5	22	88
4	GAYATHRI.N	P17450104	4	4	3	4	3	18	72
5	HARIHARAN.D	P17450105	4	4	4	4	4	20	80
6	JANAKIRAMAN.S	P17450106	4	4	4	4	4	20	80
7	KEERTHIKA.G	P17450107	4	4	4	4	5	21	84
8	KOUSALYA.M	P17450108	4	4	4	4	4	20	80
9	MATHUMITHA.P	P17450109	5	5	4	5	5	24	96
10	MOHANESWARI.S	P17450110	4	4	4	4	5	21	84
11	NASREEN MUNAWARA.M	P17450111	4	4	4	4	4	20	80
12	NIVETH.S	P17450112	4	5	4	5	5	23	92
13	PATTAAMAL.S	P17450113	4	4	4	4	4	20	80
14	PRIYA.P	P17450114	4	4	4	5	5	22	88
15	PRIYANKA.V	P17450115	4	4	4	4	4	20	80
16	SIVAGAMI.K	P17450116	4	4	4	5	5	22	88
17	SOWMIYA.C	P17450117	4	4	4	4	5	21	84
18	VINITHA.MC	P17450118	4	5	4	5	5	23	92
19	VINOSRI.T	P17450119	4	4	4	4	4	20	80
20	YAZHINI.S	P17450120	4	4	3	4	3	18	72
			4.1	4.2	3.9	4.4	4.45		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.1	75	79.1	93.05882
CO2	4.2	75	79.2	93.17647
CO3	3.9	75	78.9	92.82353
CO4	4.4	75	79.4	93.41176
CO5	4.45	75	79.45	93.47059



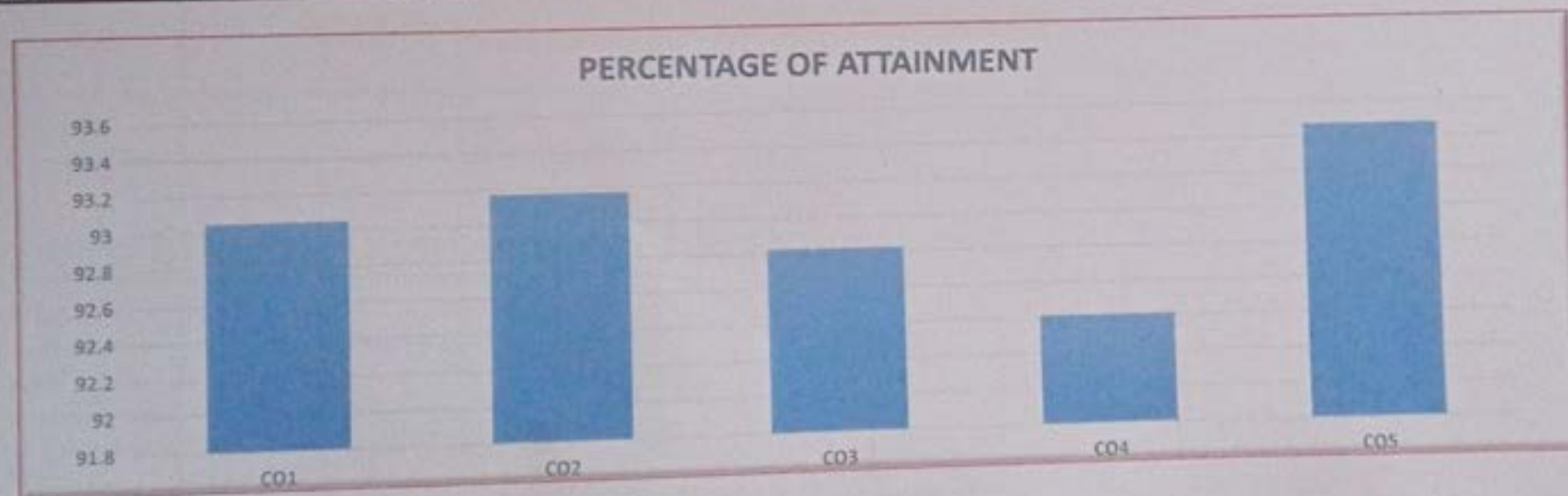
COURSE ATTAINMENT FOR M.SC :FSMD

SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSI4

NO OF STUDENTS : 20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.05
CO2	93.17
CO3	92.82
CO4	92.41
CO5	93.47



SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FS14

NO OF

STUDENTS : 20

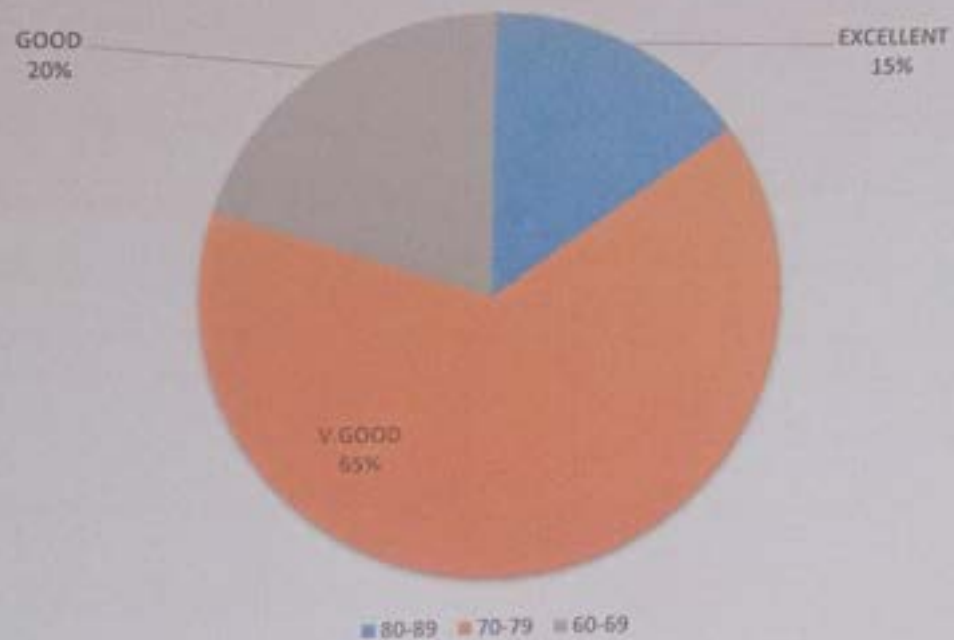
CATEGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	3	EXCELLENT
70-79	13	V.GOOD
60-69	4	GOOD
50-59	0	ABOVE AVERAGE
BELOW 50	0	RA

COURSE OUT COME ASSESSMENT IN PERCENTAGE

CATEGORY	PERCENTAGE	STATUS
80-89	15%	EXCELLENT
70-79	65%	V.GOOD
60-69	20%	GOOD



COURSE OUT COME ASSESSMENT IN PERCENTAGE



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**BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5****PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS**

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME: MSc FSMD	
P16F5E3 HOSPITALITY FOOD SERVICE ADMINISTRATION	COURSE OUTCOME	
	CO 1	Gain knowledge in hospital functions and administration
	CO 2	Acquire skills in maintaining medical records.
	CO 3	Understand the management of resources in hospitals
	CO 4	Gain knowledge on patient care services
	CO 5	Gain knowledge on hospitality in hospital care.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	3	3	2	3	2
CO3	2	3	2	3	2
CO4	3	3	3	3	2
CO5	3	3	3	3	2
Average	2.8	3	2.6	3	2

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABIRAMI.M	P17450101	5	4	5	4	5	23	92
2	AKSHYA.V	P17450102	5	5	5	4	5	24	96
3	EDITH PRBHAVATHI.A	P17450103	5	5	5	4	4	23	92
4	GAYATHRI.N	P17450104	4	4	4	4	4	20	80
5	HARIHARAN.D	P17450105	3	3	4	4	4	22	88
6	JANAKIRAMAN.S	P17450106	4	5	4	3	4	20	80
7	KEERTHIKA.G	P17450107	5	5	5	5	4	24	96
8	KOUSALYA.M	P17450108	4	4	4	4	4	20	80
9	MATHUMITHA.P	P17450109	4	5	5	5	5	24	96
10	MOHANESWARI.S	P17450110	5	5	5	4	3	22	88
11	NASREEN MUNAWARA.M	P17450111	4	4	4	4	4	20	80
12	NIVETHA.S	P17450112	4	4	4	4	4	20	80
13	PATTAAMAL.S	P17450113	4	5	5	5	4	23	92
14	PRIYA.P	P17450114	5	4	5	4	5	23	92
15	PRIYANKA.V	P17450115	5	5	4	4	5	23	92
16	SIVAGAMI.K	P17450116	4	4	4	5	5	22	88
17	SOWMIYA.C	P17450117	5	4	4	5	4	22	88
18	VINITHA.MC	P17450118	5	5	5	5	4	24	96
19	VINOSRI.T	P17450119	4	4	4	4	4	20	80
20	YAZHINI.S	P17450120	4	4	4	4	4	20	80
	AVERAGE		4.4	4.4	4.45	4.25	4.25		



Expected attainment in each CO -85%

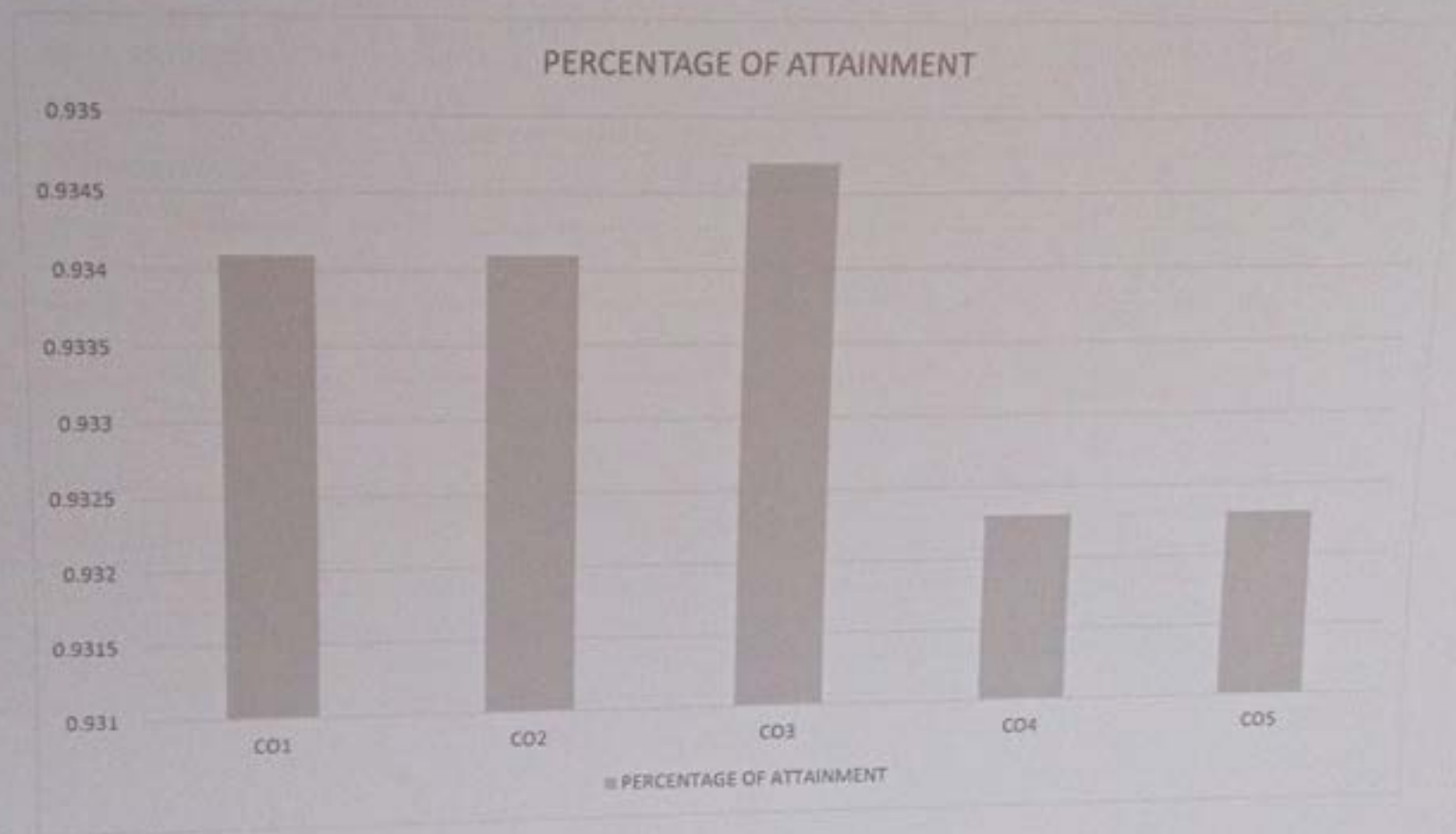
CO	Int Exam+Assignment	End sem	Total	%
CO1	4.4	75	79.4	93.41176
CO2	4.4	75	79.4	93.41176
CO3	4.45	75	79.45	93.47059
CO4	4.25	75	79.25	93.23529
CO5	4.25	75	79.25	93.23529

COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : HOSPITALITY FOOD SERVICE ADMINISTRATION
 SUBJECT CODE : P16FSE3
 NO OF STUDENTS : 20

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.41%
CO2	93.41%
CO3	93.47%
CO4	93.23%
CO5	93.23%





COURSE ATTAINMENT FOR MSc FSMD

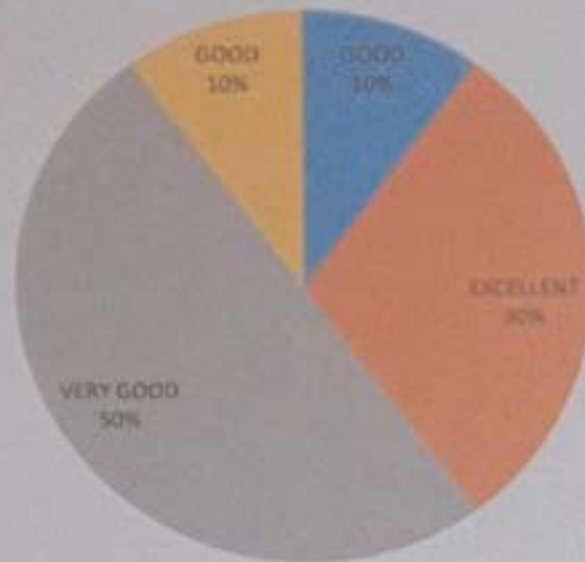
SUBJECT NAME : HOSPITALITY FOOD SERVICE ADMINISTRATION
SUBJECT CODE : P16FSE3
NO OF STUDENTS : 20

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	2	OUT STANDING
80-89	6	EXCELLENT
70-79	10	VERY GOOD
60-69	2	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	10%	OUT STANDING
80-89	30%	EXCELLENT
70-79	50%	VERY GOOD
60-69	10%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 -Above ■ 80-89 ■ 70-79 ■ 60-69



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Bharath Avenue (Near New Bus Stand)
THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of Communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME : BSc N&D	
	COURSE OUTCOME	
16SCCND8 DIETETICS-II	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AARTHI.C	CB17S394686	5	5	4	4	5	23	92
2	AARTHI.S	CB17S394687	5	4	4	4	5	22	88
3	ABDULMAJEED.F	CB17S394688	5	4	5	4	5	23	92
4	AMBIKA.R	CB17S394689	4	4	4	3	5	20	80
5	ANITHA.k	CB17S394690	5	5	4	4	4	22	88
6	ARAVIND.S	CB17S394691	4	4	4	4	4	20	80
7	ARAVINTHAN.P	CB17S394692	5	4	4	3	4	20	80
8	AWLIN SEREBIA.A	CB17S394693	5	5	5	5	5	22	88
9	AYASHA.A	CB17S394694	5	5	5	5	5	24	96
10	BHUVANESHWARI.V	CB17S394695	5	5	5	5	5	23	92
11	BHUVANESHWARI.G	CB17S394696	5	5	5	5	5	20	80
12	DEVADARSHINI.V	CB17S394697	5	5	5	5	5	25	100
13	DHIVYA.U	CB17S394698	5	5	5	5	5	23	92
14	DIVYA.S	CB17S394699	5	5	5	5	5	22	88
15	ELAMPARITHI.L	CB17S394700	5	5	5	5	5	21	84
16	EZHIL.M	CB17S394701	5	5	5	5	5	22	88
17	GAYATHRI.J	CB17S394702	5	5	5	5	5	21	84
18	HARNISH TONY JAWAHAR.A	CB17S394703	5	5	5	5	5	22	88
19	INIYASREE.S	CB17S394704	5	5	5	5	5	23	92
20	JANAKI.G	CB17S394705	5	5	5	5	5	21	84
21	JOTHISWARI.V	CB17S394707	5	5	5	5	5	21	84
22	KARTHIKPRIYA.L	CB17S394708	5	5	5	5	5	20	80
23	KEERTHANA.RD	CB17S394709	5	5	5	5	5	20	80
24	KEERTHIKA.D	CB17S394710	5	5	5	5	5	21	84
25	KIRUTHIKA.K	CB17S394711	5	5	5	5	5	22	88
26	KIRUTHIKA.S	CB17S394712	5	5	5	5	5	20	80
27	MAHIMA.M	CB17S394713	5	5	5	5	5	21	84
28	MENAKA.G	CB17S394714	5	5	5	5	5	21	84
29	MERBIN ASHA.S	CB17S394715	5	5	5	5	5	23	92



30	MICHAEL JANCY MARY.S	CB17S394716	5	5	5	5	5	23	92
31	NERUPA.S	CB17S394717	5	5	5	5	5	22	88
32	PAVITHRA.K	CB17S394718	5	5	5	5	5	23	92
33	PAVITHRA.T	CB17S394719	5	5	5	5	5	25	100
34	PRATHIBA.k	CB17S394720	5	5	5	5	5	21	84
35	PRATHIKA.B	CB17S394721	5	5	5	5	5	22	88
36	RAHINI.V	CB17S394722	5	5	5	5	5	20	80
37	RAJARAJESHWARI.P	CB17S394723	5	5	5	5	5	23	92
38	RAMYA.V	CB17S394724	5	5	5	5	5	21	84
39	RUFINA.A	CB17S394725	5	5	5	5	5	23	92
40	SADAMHUSSAIN.J	CB17S394726	5	5	5	5	5	20	80
41	SAKTHIPRIYA.S	CB17S394727	5	5	5	5	5	21	84
42	SETHUMADHAVAN.M	CB17S394728	5	5	5	5	5	23	92
43	SHIYAMALADEVI.R	CB17S394729	5	5	5	5	5	20	80
44	SIVASHENKA.S	CB17S394730	5	5	5	5	5	20	80
45	SUBHASRI.R	CB17S394731	5	5	5	5	5	21	84
46	SUVAITHIRA.A	CB17S394733	5	5	5	5	5	21	84
47	SWATHI.S	CB17S394734	5	5	5	5	5	22	88
48	UMAIRA BEEVI.I	CB17S394735	5	5	5	5	5	23	92
49	VARSHA.B	CB17S394736	5	5	5	5	5	21	84
50	VIKASH EBI MERVIN.N	CB17S394737	5	5	5	5	5	24	96
	AVERAGE		4.96	4.9	4.88	4.82	4.94		

Expected attainment in each CO -85%

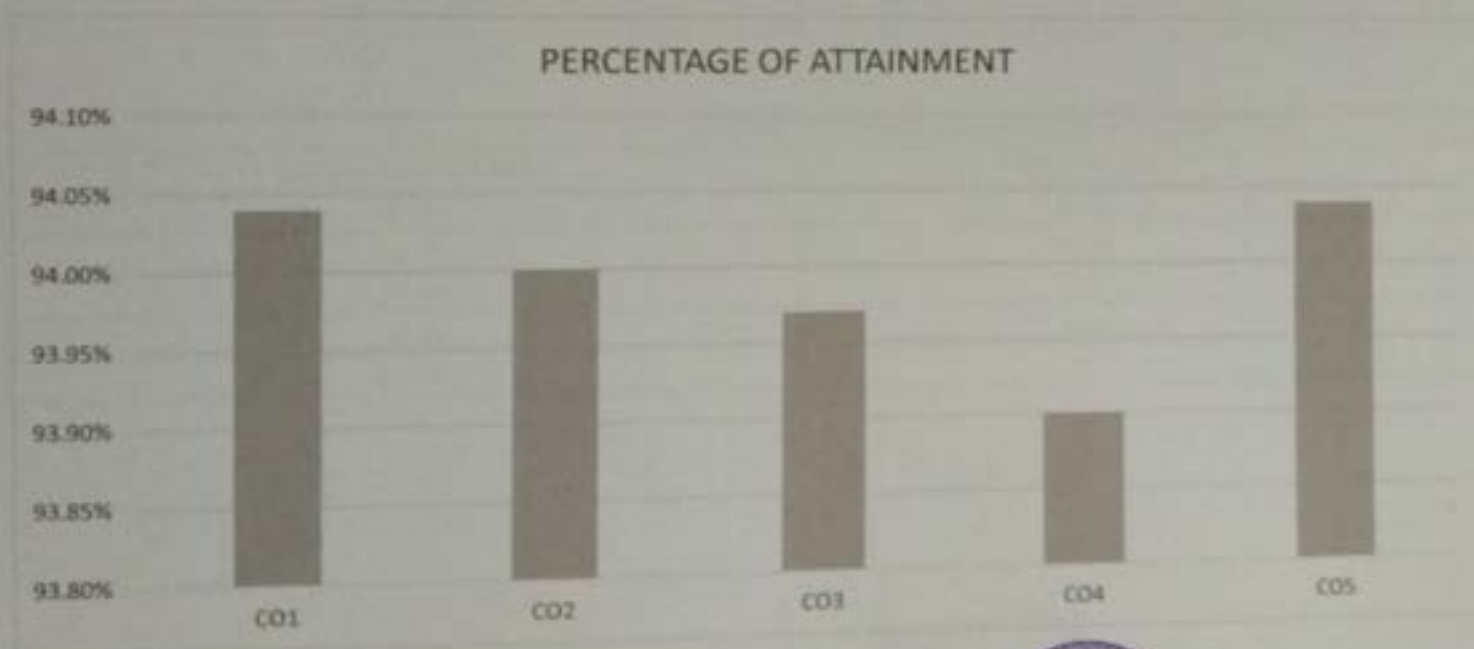
CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.96	75	79.96	94.07058824
CO2	4.9	75	79.9	94
CO3	4.88	75	79.88	93.97647059
CO4	4.82	75	79.82	93.90588235
CO5	4.94	75	79.94	94.04705882



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
 SUBJECT CODE : 16SCCND8
 NO OF STUDENTS : 50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.04%
CO2	94.00%
CO3	93.97%
CO4	93.90%
CO5	94.04%



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

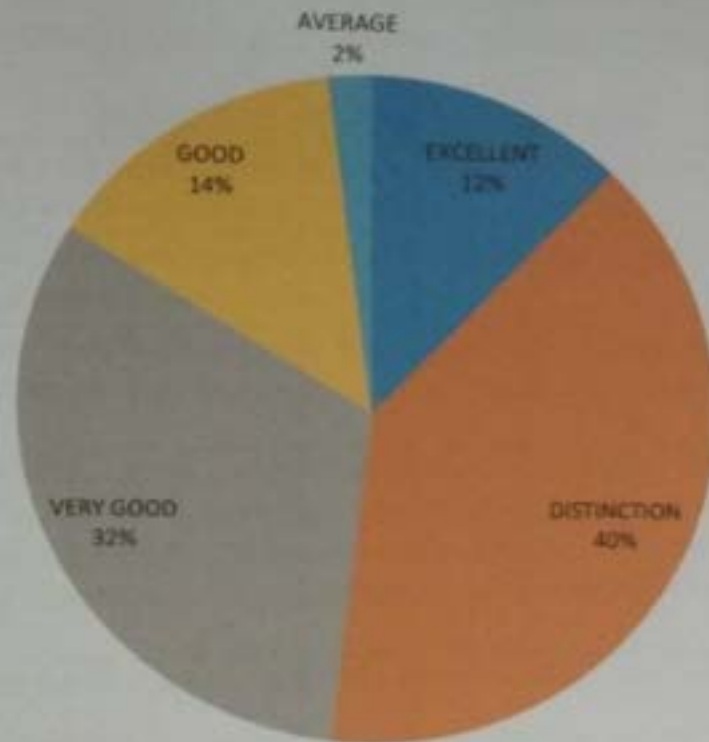
SUBJECT NAME : DIETETICS-II
 SUBJECT CODE : 16SCCND8
 NO OF STUDENTS : 50

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	6	EXCELLENT
70-79	20	DISTINCTION
60-69	16	VERY GOOD
50-59	7	GOOD
40-49	1	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
	12%	EXCELLENT
80-90	40%	DISTINCTION
70-79	32%	VERY GOOD
60-69	14%	GOOD
50-59	2%	AVERAGE
40-49		



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-90 ■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

(UGC Recognized 2(f) & 12(b) Institution)

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME-BSc., N&D

COURSE OUTCOME

CO1	Obtain knowledge of different food groups, their composition and their role in diet
CO2	Study different methods of cooking foods
CO3	Understand the major chemical reactions that occur during food preparation and storage
CO4	Obtain knowledge about the nutrients present in foods
CO5	Able to describe the techniques that can be used to monitor quality of raw ingredients and final products.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	3	2	3
CO3	3	3	2	2	2
CO4	3	2	3	3	3
CO5	3	3	2	3	3
Average	3	2.6	2.4	2.6	2.8

Internal Examination Mark Distribution for each course outcome

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



REGISTER NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
CB19S395631	ABDUL RHAUMAN.N	4	4	4	4	5	21	84
CB19S395632	ADITHIYAAN.M	3	3	4	4	5	19	76
CB19S395633	AISHWARYA.R	4	4	5	5	5	23	92
CB19S395634	AMEER DEEN.J	5	5	5	5	5	20	80
CB19S395635	ANITHA CHARLIN.J	4	4	4	4	4	20	80
CB19S395636	DAYA DEV.S	3	3	4	4	5	19	76
CB19S395637	DEEPIKA.P	3	3	4	4	5	19	76
CB19S395638	DHANUSHA.G	3	3	4	4	5	19	76
CB19S395639	DHARANI.T	3	3	4	4	5	19	76
CB19S395640	DIVYA.S(9.03.2001)	4	4	4	4	4	20	80
CB19S395641	DIVYA.S(26.7.2000)	3	3	4	4	5	19	76
CB19S395642	DIVYA BARATHI.G	3	3	4	4	5	19	76
CB19S395643	GAYATHRI.K	3	3	4	4	5	19	76
CB19S395644	HARIPRIYA.R	4	4	4	4	4	20	80
CB19S395645	KARPAGAM.T	4	4	4	5	5	22	88
CB19S395646	KARTHIKA.M	4	4	4	4	5	21	84
CB19S395647	KATHIRAVAN.E	4	4	4	5	5	22	88
CB19S395648	KOWSALAYA.M	4	5	5	5	5	24	96
CB19S395649	MANJU.P	5	5	5	5	5	25	100
CB19S395650	NAFISHA.M	4	4	4	5	5	22	88
CB19S395651	NAGADHARASHINI.M	4	5	5	5	5	24	96
CB19S395652	NANDHINI.C	4	5	5	5	5	24	96
CB19S395653	NITHISH KUMAR.M	4	4	4	4	4	20	80
CB19S395654	PREETHI.S	4	4	5	5	5	23	92
CB19S395655	PRIYA DHARSHINI.S	4	4	4	4	4	20	80



CB19S395656	RAVEENA.M	3	3	4	4	5	19	76
CB19S395657	RUTHARA.P	3	3	4	4	5	19	76
CB19S395658	SAKTHI.R	4	4	4	4	5	21	84
CB19S395659	SANGEEETHA.K	4	4	4	4	5	21	84
CB19S395660	SHAJITHA BEGUM.A	4	4	4	5	5	22	88
CB19S395661	SHARMILA.K	3	3	4	4	5	19	76
CB19S395662	SHEHA.T	3	3	3	4	4	19	76
CB19S395663	SRIRANJINI.R	4	4	4	4	4	20	80
CB19S395664	SURUESH.K	3	3	4	4	5	19	76
CB19S395665	SWETHA.G	4	4	4	4	5	21	84
CB19S395666	THENNARASI.S	5	5	5	5	5	25	100
CB19S395667	VADIVARSI.T	5	5	5	5	5	25	100
CB19S395668	VIGNESH.M	3	3	3	4	5	18	72
CB19S395670	MARY PRICILLA.P	3	3	3	4	5	18	72
CB19S395671	ACSAHCLENIN	3	3	3	4	5	18	72
CB19S395736	AAFRIN RISHMIYA.A	3	3	3	4	5	18	72
AVERAGE		3.68	3.76	4.10	4.32	4.83		

Expected attainment in each CO -85%							
CO	Int.Exam+Assignment	End sem	total	%			
CO1	3.68	75	78.68	92.56471			
CO2	3.76	75	78.76	92.65882			
CO3	4.1	75	79.1	93.05882			
CO4	4.32	75	79.32	93.31765			
CO5	4.83	75	79.83	93.91765			



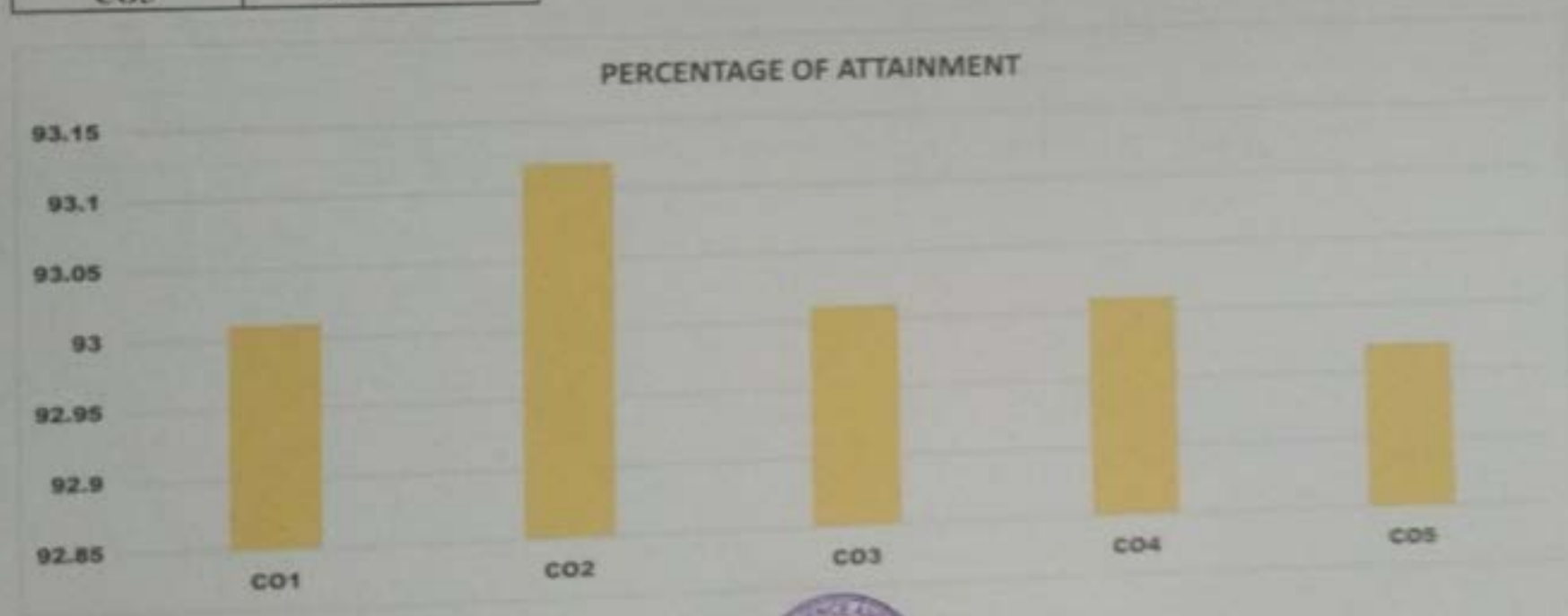
COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

SUBJECT CODE :P16FS11

NO.OF STUDENTS:41

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.9
CO2	92.9
CO3	92.9
CO4	93.2
CO5	93.5



COURSE OUTCOME ASSESSMENT

CATEGORY MARKS	NO OF	STATUS
90 and above (100)	0	OUTSTANDING
80-89	1	EXCELLENT
70-79	9	DISTINCTION
60-69	15	VERY GOOD
50-59	12	GOOD
40-49	2	AVERAGE
below 40	1	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	3%	EXCELLENT
70-79	23%	DISTINCTION
60-69	38%	VERY GOOD
50-59	30%	GOOD
40-49	5%	AVERAGE
below 40	3%	RE-APPEAR





■ 80-89 ■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49 ■ below 40



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PRINCIPAL

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 THANJAVUR - 613 005



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and Course outcomes

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME: B.Sc N&D		
COURSE CODE & COURSE TITLE	COURSE OUTCOME	
RCCSND5 DIETETICS-I	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
AARTHILC	CB17S394686	4	4	4	4	4	20	80
AARTHILS	CB17S394687	5	5	5	4	4	23	92
ABDULMAJEED.F	CB17S394688	5	4	4	4	5	22	88
AMBIKA.R	CB17S394689	5	4	4	3	4	20	80
ANITHA.K	CB17S394690	5	5	5	5	5	25	100
ARAVIND.S	CB17S394691	4	4	4	4	4	20	80
ARAVINTHAN.P	CB17S394692	5	4	4	4	5	22	88
AWLIN SEREBIA.A	CB17S394693	4	4	4	4	4	20	80
AYASHA.A	CB17S394694	5	5	5	5	5	25	100
BHUVANESHWARI.V	CB17S394695	5	5	5	5	5	25	100
BHUVANESHWARLG	CB17S394696	3	3	4	4	4	18	72
DEVADARSHINI.V	CB17S394697	5	5	5	5	5	25	100
DHIVYA.U	CB17S394698	5	5	5	5	5	25	100
DIVYA.S	CB17S394699	5	5	5	5	5	25	100
ELAMPARITHIL	CB17S394700	4	4	4	4	5	21	84
EZHIL.M	CB17S394701	4	4	4	4	4	20	80
GAYATHRI.J	CB17S394702	4	4	4	4	4	20	80
HARNISH TONY JAWAHARA	CB17S394703	5	5	5	4	4	23	92
INIYASREE.S	CB17S394704	4	4	4	4	5	21	84
JANAKI.G	CB17S394705	5	4	4	4	4	21	84
JOTHISWARLV	CB17S394707	5	4	4	4	4	21	84
KARTHIKPRIYA.L	CB17S394708	5	4	4	4	4	21	84
KEERTHANA.RD	CB17S394709	5	4	4	4	5	22	88
KEERTHIKA.D	CB17S394710	5	4	4	4	4	21	84
KIRUTHIKA.K	CB17S394711	4	5	4	4	4	21	84
KIRUTHIKA.S	CB17S394712	4	4	4	4	5	21	84
MAHIMA.M	CB17S394713	4	4	4	4	5	21	84
MENAKA.G	CB17S394714	5	5	5	4	4	23	92



MERBIN ASHA.S	CB17S394715	4	4	4	4	4	20	80
MICHAEL JANCY MARY.S	CB17S394716	5	5	4	4	4	22	88
NERUPA.S	CB17S394717	5	5	5	4	4	23	92
PAVITHRA.K	CB17S394718	5	4	4	4	4	21	84
PAVITHRA.T	CB17S394719	5	5	5	5	5	25	100
PRATHIBA.k	CB17S394720	4	4	4	4	4	20	80
PRATHIKA.B	CB17S394721	5	4	4	4	4	21	84
RAHINI.V	CB17S394722	5	4	4	5	5	23	92
RAJARAJESHWARLP	CB17S394723	5	4	4	4	4	21	84
RAMYA.V	CB17S394724	4	4	4	4	4	20	80
RUFINA.A	CB17S394725	5	4	4	5	5	23	92
SADAMHUSSAIN.J	CB17S394726	4	4	4	4	4	20	80
SAKTHIPRIYA.S	CB17S394727	5	4	4	4	4	21	84
SETHUMADHAVAN.M	CB17S394728	5	4	4	4	4	21	84
SHIYAMALADEVI.R	CB17S394729	4	4	4	4	4	20	80
SIVASHENEKA.S	CB17S394730	5	4	4	4	4	21	84
SUBHASRLR	CB17S394731	4	4	4	4	4	20	80
SUVAITHIRA.A	CB17S394733	5	4	4	4	4	21	84
SWATHI.S	CB17S394734	4	4	4	4	4	20	80
UMAIRA BEEVI.I	CB17S394735	5	5	4	4	4	22	88
VARSHA.B	CB17S394736	5	4	4	4	4	21	84
VIKASH EBI MERVIN.N	CB17S394737	5	5	5	5	5	25	100
AVERAGE		4.32	4.31	4.29	4.18	4.39		

Expected attainment in each CO -85%

CO	nt.Exam+Assignmen	End sem	total	%
CO1	4.61	75	79.61	93.66
CO2	4.31	75	79.31	93.31
CO3	4.29	75	79.29	93.28
CO4	4.18	75	79.18	93.15
CO5	4.39	75	79.39	93.40



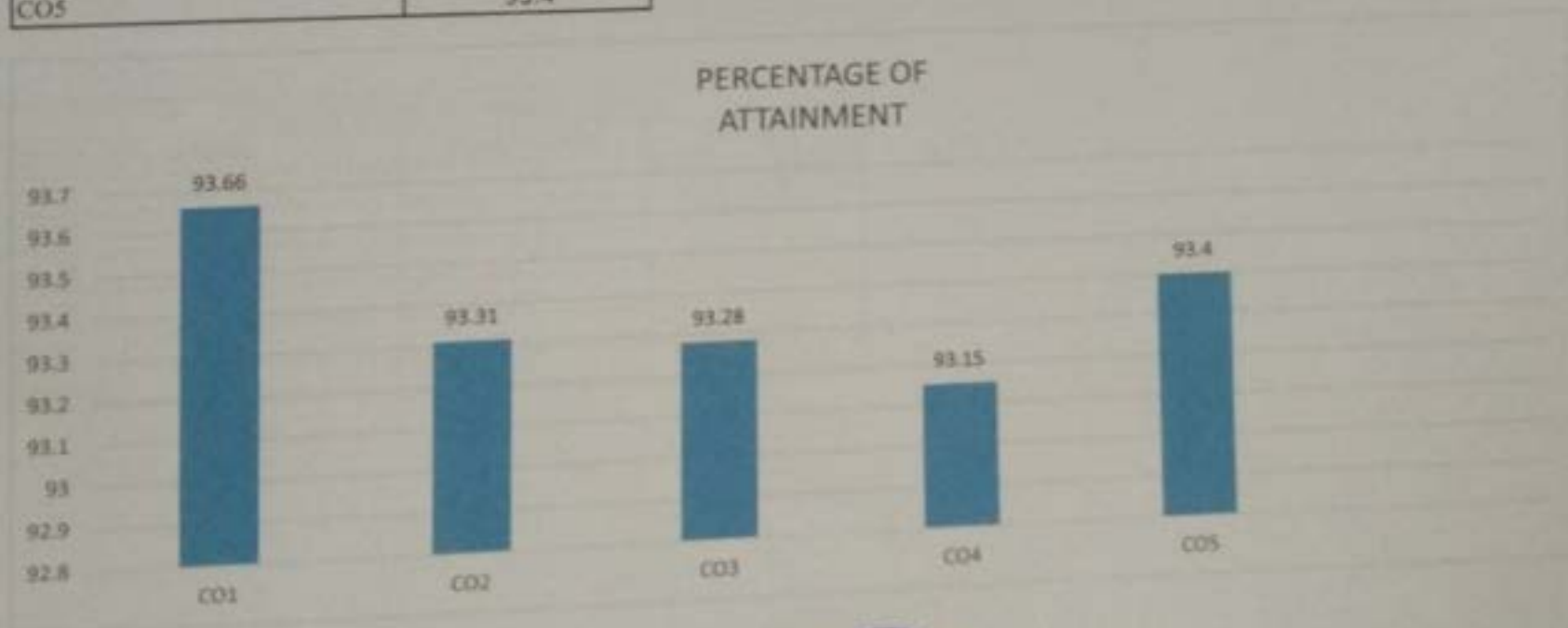
COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME: DIETETICS-I

SUBJECT CODE :16SCCND5

NUMBER OF STUDENTS :50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.66
CO2	93.31
CO3	93.28
CO4	93.15
CO5	93.4



COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME :DIETETICS-I

SUBJECT CODE :16SCCN05

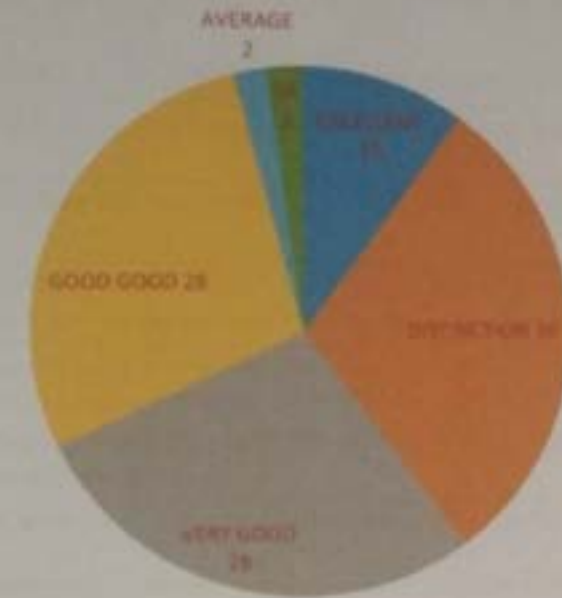
NO OF STUDENTS :50

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	5	EXCELLENT
70-79	15	DISTINCTION
60-69	14	VERY GOOD
50-59	14	GOOD
40-49	1	AVERAGE
Below 40	1	RE- APPEAR

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	10	EXCELLENT
70-79	30	DISTINCTION
60-69	28	VERY GOOD
50-59	28	GOOD
40-49	2	AVERAGE
Below 40	2	RE- APPEAR



COURSE OUTCOME PERCENTAGE



■ 80-90 ■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49 ■ Below 40



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BHARATH COLLEGE OF SCIENCE&MANAGEMENT-THANJAVUR-05

(UGC Recognized 2(f) & 12(B) Institution)

Affiliated to Bharathidasan University, Tiruchirappalli.

PG&RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of programme outcomes and course outcomes

Course outcome-programme outcome Mapping

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE COURSE - FOOD CHEMISTRY

COURSE OUTCOME

COURSE CODE & TITLE	CO1	Gain insight into Chemistry of foods
16SACND3 FOOD CHEMISTRY	CO2	Understand the Scientific principles involved in food preparation
	CO3	Develop the scientific attitude of the students towards the principle of food chemistry
	CO4	Study the physico-chemical changes occurring in foods during cooking
	CO5	Study the physio-chemical changes occurring in foods during cooking



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	1	0	0	0
CO2	1	0	1	0	0
CO3	0	1	1	1	1
CO4	1	0	0	0	0
CO5	0	0	0	0	0
Average	3	2	2	1	1

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENT	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	ABDUL RHAUMAN.N	CB19S395631	5	4	4	3	3	22	88
2	ADITHYAAN.M	CB19S395632	4	4	4	3	3	21	84
3	AISHWARYA.R	CB19S395633	4	4	4	3	3	21	84
4	AMEER DEEN.J	CB19S395634	4	4	4	4	4	20	80
5	ANITHA CHARLIN.J	CB19S395635	4	4	4	3	3	22	88
6	DAYA DEV.S	CB19S395636	4	4	4	3	3	22	88
7	DEEPIKA.P	CB19S395637	3	4	4	4	3	23	92
8	DHANUSHA.G	CB19S395638	3	4	4	4	3	23	92
9	DHARANI.T	CB19S395639	4	4	4	4	5	21	84
10	DIVYA S(9.03.2001)	CB19S395640	4	4	4	3	3	22	88
11	DIVYA S(26.7.2000)	CB19S395641	4	4	4	3	3	22	88
12	DIVYA BARATHI.G	CB19S395642	4	5	4	4	4	21	84
13	GAYATHRI.K	CB19S395643	4	4	4	3	3	22	88
14	HARIPRIYA.R	CB19S395644	5	5	5	5	4	24	96
15	KARPAGAM.T	CB19S395645	3	4	4	4	3	23	92
16	KARTHIKA.M	CB19S395646	4	5	4	5	5	23	92
17	KATHIRAVAN.E	CB19S395647	4	4	4	4	5	21	84
18	KOWSALAYA.M	CB19S395648	4	4	4	4	5	21	84
19	MANJU.P	CB19S395649	3	4	4	4	3	23	92
20	NAFISHA.M	CB19S395650	3	4	4	4	3	23	92
21	NAGADHARASHINI.M	CB19S395651	4	4	4	4	5	21	84
22	NANDHINI.C	CB19S395652	3	4	4	4	3	23	92
23	NITHISH KUMAR.M	CB19S395653	5	5	5	4	4	23	92
24	PRIYA DHARSHINI.S	CB19S395655	4	4	4	4	5	21	84
25	RAVEENA.M	CB19S395656	3	4	4	4	3	23	92
26	RUTHARA.P	CB19S395657	4	4	4	3	3	22	88
27	SAKTHI.R	CB19S395658	4	4	4	4	5	21	84
28	SANGEETHA.K	CB19S395659	4	4	4	4	4	20	80
29	SHAJITHA BEGUM.A	CB19S395660	4	4	4	3	3	22	88
30	SHARMILA.K	CB19S395661	4	4	4	3	3	22	88



31	SHEHA.T	CB19S395662	4	4	4	3	3	21	84
32	SRIRANJINI.R	CB19S395663	3	4	4	4	3	23	92
33	SURUESH.K	CB19S395664	4	4	4	3	3	21	84
34	SWETHA.G	CB19S395665	5	5	5	5	4	24	96
35	THENNARASLS	CB19S395666	5	5	5	5	5	25	100
36	VADIVARSI.T	CB19S395667	5	5	5	5	4	24	96
37	VIGNESH.M	CB19S395668	4	4	3	3	3	21	84
38	MARY PRICILLA.P	CB19S395670	4	4	4	3	3	22	88
39	ACSAHCLLENIN	CB19S395671	4	4	4	3	3	21	84
40	AAFRIN RISHMIYA.A	CB19S395736	4	4	4	3	3	22	88
			3.95	4.175	4.1	3.7	3.575		

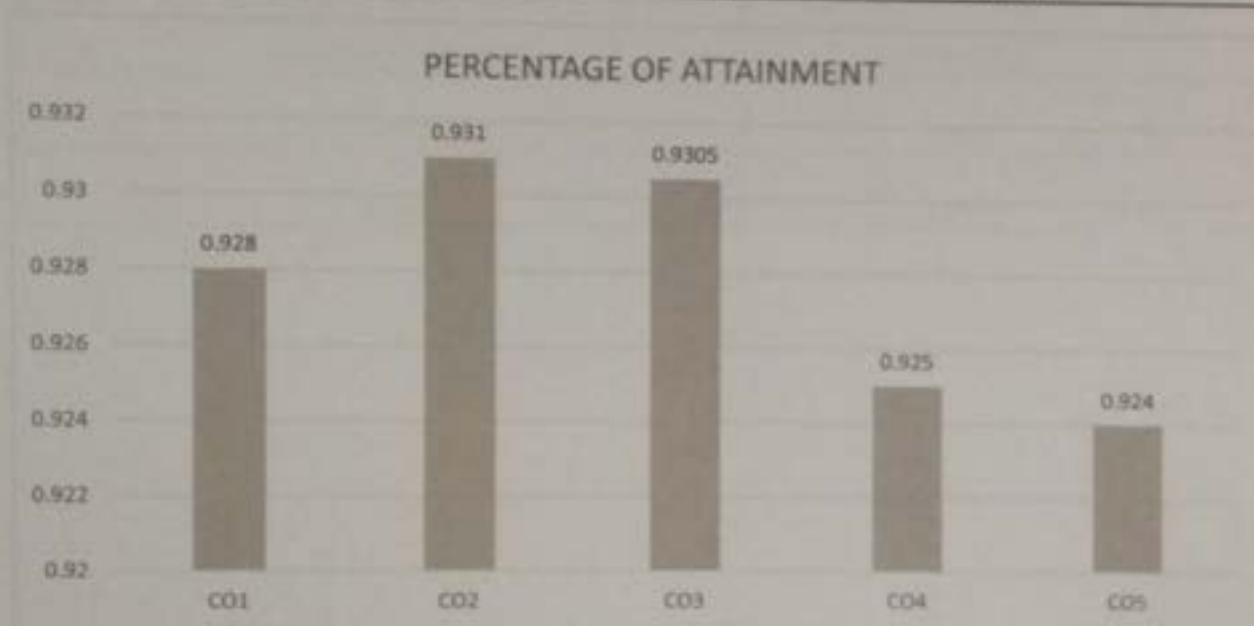
Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	3.95	75	78.95	92.88235
CO2	4.17	75	79.17	93.14118
CO3	4.1	75	79.1	93.05882
CO4	3.7	75	78.7	92.58824
CO5	3.57	75	78.57	92.43529



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics
FOOD CHEMISTRY
16SACND2
40

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.80%
CO2	93.10%
CO3	93.05%
CO4	92.50%
CO5	92.40%

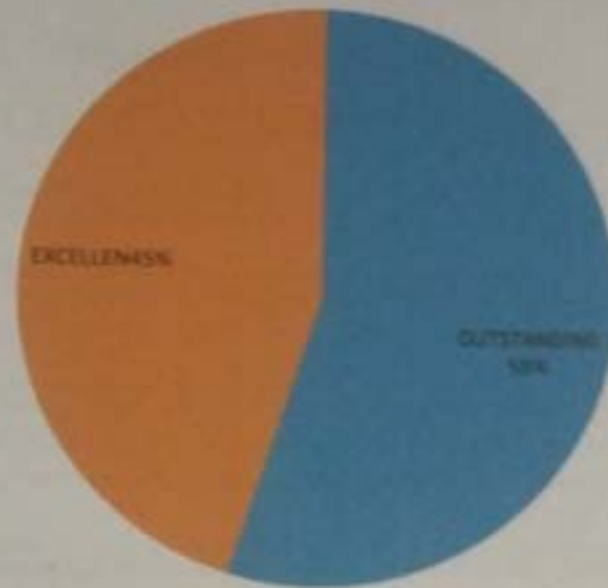


CATEGORY MARKS	NO OF STUDENTS	STATUS
90-100	22	OUTSTANDING
80-89	18	EXCELLENT

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
9-100	55%	OUTSTANDING
80-89	45%	EXCELLENT



COURSE OUTCOMEASSESSMENT IN PERCENTAGE



■ 9-100 ■ 80-89



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THANJAVUR - 613 005.



BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (B.S.c N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - BAKERY AND CONFECTIONERY(16SCCND7)

COURSE OUTCOME

CO1	Understand the importance of baking and confectionery
CO2	Understand the principles, role of various food components involved in baking and confectionery.
CO3	Develop skills and responsibility for setting up bakery and confectionery units
CO4	Students are able to understand the basic knowledge relating to food safety and principles of preservation
CO5	Students will understand the concept of processing and preservation of fruits and vegetables



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	1	2	0	3	3
CO2	2	0	2	2	3
CO3	2	1	3	2	2
CO4	2	0	2	2	2
CO5	2	0	2	1	3
Average	1.8	0.6	2	2	2.6

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	AARTHI.C	CB17S394686	3	3	4	4	4	18	72
2	AARTHI.S	CB17S394687	4	4	5	5	5	23	92
3	ABDULMAJEED.F	CB17S394688	4	4	5	5	5	23	92
4	AMBIKA.R	CB17S394689	4	4	4	4	4	20	80
5	ANITHA.k	CB17S394690	5	5	5	5	5	25	100
6	ARAVIND.S	CB17S394691	4	4	5	5	5	23	92
7	ARAVINTHAN.P	CB17S394692	4	4	5	5	5	23	92
8	AWLIN SEREBIA.A	CB17S394693	5	5	5	4	5	24	96
9	AYASHA.A	CB17S394694	5	5	5	5	5	25	100
10	BHUVANESHWARI.V	CB17S394695	5	5	5	5	5	25	100
11	BHUVANESHWARI.G	CB17S394696	4	4	4	4	4	20	80
12	DEVADARSHINI.V	CB17S394697	5	5	5	5	5	25	100
13	DHIVYA.U	CB17S394698	4	4	5	5	5	23	92
14	DIVYA.S	CB17S394699	5	5	5	5	5	25	100
15	ELAMPARITHIL	CB17S394700	4	4	5	5	5	23	92
16	EZHIL.M	CB17S394701	4	4	4	5	5	22	88
17	GAYATHRI.J	CB17S394702	5	5	4	4	4	22	88
18	HARNISH TONY JAWAHAR.A	CB17S394703	4	4	5	5	5	23	92
19	INIYASREE.S	CB17S394704	4	4	4	4	5	21	84
20	JANAKI.G	CB17S394705	5	4	4	4	4	21	84
21	JOTHISWARI.V	CB17S394707	4	4	5	5	5	23	92
22	KARTHIKPRIYA.L	CB17S394708	4	4	4	5	5	22	88
23	KEERTHANA.RD	CB17S394709	5	5	5	4	4	23	92
24	KEERTHIKA.D	CB17S394710	5	5	5	4	4	23	92
25	KIRUTHIKA.K	CB17S394711	4	4	4	4	5	21	84
26	KIRUTHIKA.S	CB17S394712	4	4	5	5	5	23	92
27	MAHIMA.M	CB17S394713	5	5	5	4	4	23	92
28	MENAKA.G	CB17S394714	5	5	5	5	5	25	100
29	MERBIN ASHA.S	CB17S394715	4	4	5	5	5	23	92
30	MICHAEL JANCY MARY.S	CB17S394716	5	5	5	5	5	25	100
31	NERUPA.S	CB17S394717	5	5	5	5	5	25	100
32	PAVITHRA.K	CB17S394718	4	4	5	5	5	23	92



33	PAVITHRA.T	CB17S394719	5	5	5	5	5	25	100
34	PRATHIBA.K	CB17S394720	4	4	4	4	4	20	80
35	PRATHIKA.B	CB17S394721	4	4	5	5	5	23	92
36	RAHINLV	CB17S394722	5	5	5	5	5	25	100
37	RAJARAJESHWARI.P	CB17S394723	4	4	5	5	5	23	92
38	RAMYA.V	CB17S394724	4	4	4	4	4	20	80
39	RUFINA.A	CB17S394725	5	5	5	5	5	25	100
40	SADAMHUSSAIN.J	CB17S394726	4	4	4	4	4	20	80
41	SAKTHIPRIYA.S	CB17S394727	4	4	5	5	5	23	92
42	SETHUMADHAVAN.M	CB17S394728	5	5	5	5	5	25	100
43	SHIYAMALADEVI.R	CB17S394729	4	4	4	4	4	20	80
44	SIVASHENKA.S	CB17S394730	5	5	5	4	4	23	92
45	SUBHASRI.R	CB17S394731	4	4	5	5	5	23	92
46	SUVAITHIRA.A	CB17S394733	4	4	5	5	5	23	92
47	SWATHI.S	CB17S394734	4	4	4	5	5	22	88
48	UMAIRA BEEVLI	CB17S394735	5	5	5	4	5	24	96
49	VARSHA.B	CB17S394736	4	4	4	5	5	22	88
50	VIKASH EBI MERVIN.N	CB17S394737	5	5	5	5	5	25	100
Average			4.40	4.38	4.70	4.66	4.74		

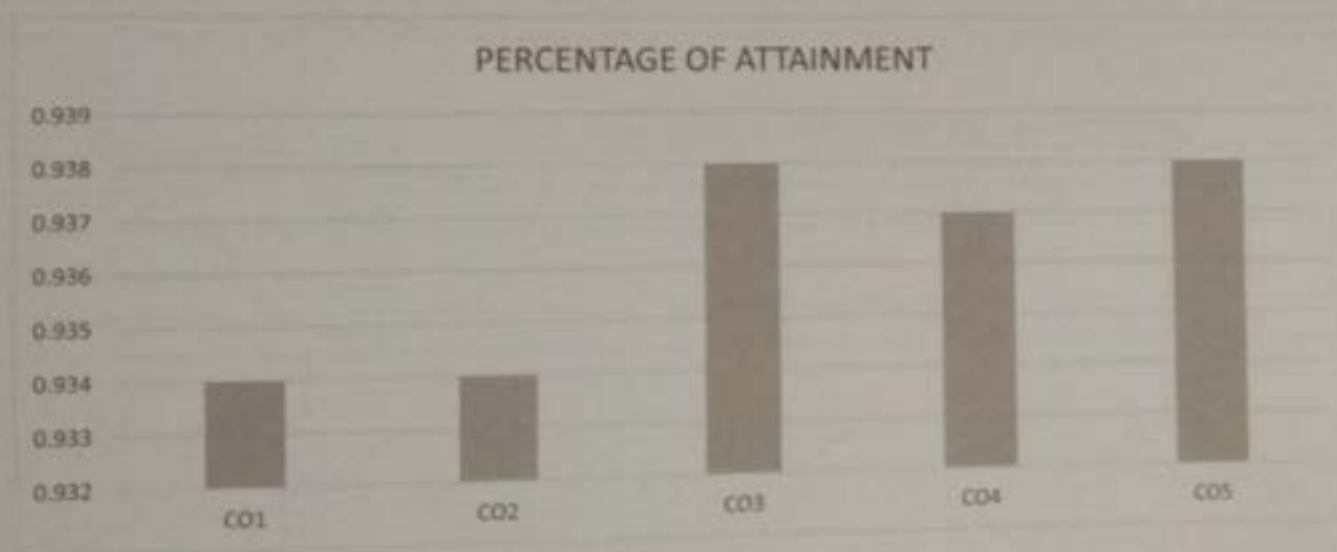
Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.4	75	79.4	93.4
CO2	4.38	75	79.38	93.4
CO3	4.7	75	79.7	93.8
CO4	4.66	75	79.66	93.7
CO5	4.74	75	79.74	93.8



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics
SUBJECT NAME : BAKERY AND CONFECTIONERY
SUBJECT CODE : 16SCCND7
NO OF STUDENTS : 50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.40%
CO2	93.40%
CO3	93.80%
CO4	93.70%
CO5	93.80%



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

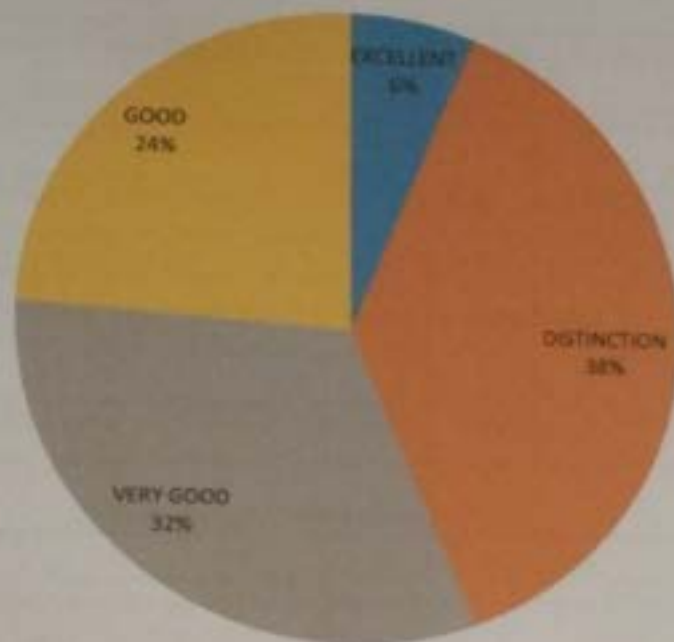
SUBJECT NAME : BAKERY AND CONFECTIONERY
SUBJECT CODE : 16SCCND7
NO OF STUDENTS : 50

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	3	EXCELLENT
70-79	19	DISTINCTION
60-69	16	VERY GOOD
50-59	12	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	6%	EXCELLENT
70-79	38%	DISTINCTION
60-69	32%	VERY GOOD
50-59	24%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-90 ■ 70-79 ■ 60-69 ■ 50-59



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

(BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAM :B.SC N&D

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Gain knowledge about physio – chemical changes in foods.
FOOD STANDARD QUALITY CONTROL (RACS82F)	CO 2	Gain knowledge on sources, uses, properties and changes in starches, sugars, proteins and browning reactions
	CO 3	Gains knowledge on the importance of quality assurance in food industry
	CO 4	Gain knowledge about proteins in foods, flavour and aroma, Common food adulterants and toxins and enzymes
	CO 5	Thorough knowledge on various tests and quality assessment, using standards for quality assessment and food safety.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	0	0	0	0
CO2	0	0	0	0	0
CO3	1	2	0	0	0
CO4	1	0	0	0	1
CO5	1	0	0	0	3
Average	0.8	0.4	0	0	4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AARTHI.C	CB175394686	4	4	4	4	4	20	80
2	AARTHI.S	CB175394687	4	4	4	5	5	22	88
3	ABDULMAJEED.F	CB175394688	4	4	5	5	5	23	92
4	AMBIKA.R	CB175394689	4	4	5	5	5	23	92
5	ANITHA.k	CB175394690	5	5	5	5	5	25	100
6	ARAVIND.S	CB175394691	4	4	4	4	4	20	80
7	ARAVINTHAN.P	CB175394692	4	4	4	4	4	20	80
8	AWLIN SEREBIA.A	CB175394693	5	4	5	5	5	24	96
9	AYASHA.A	CB175394694	5	5	5	5	5	25	100
10	BHUVANESHWARI.V	CB175394695	5	5	5	5	5	25	100
11	BHUVANESHWARI.G	CB175394696	4	4	4	4	4	20	80
12	DEVADARSHINI.V	CB175394697	5	5	5	5	5	25	100
13	DHIVYA.U	CB175394698	4	4	4	5	5	22	88
14	DIVYA.S	CB175394699	5	5	5	5	5	25	100
15	ELAMPARITHI.L	CB175394700	4	4	4	4	4	20	80
16	EZHIL.M	CB175394701	4	4	4	5	5	22	88
17	GAYATHRI.J	CB175394702	4	4	5	5	5	23	92
18	HARNISH TONY JAWAHAR.A	CB175394703	4	4	5	5	5	23	92
19	INIYASREE.S	CB175394704	4	4	4	4	4	20	80
20	JANAKI.G	CB175394705	4	4	4	4	5	21	84
21	JOTHISWARI.V	CB175394707	4	4	4	5	5	22	88
22	KARTHIKPRIYA.L	CB175394708	4	4	4	5	5	22	88
23	KEERTHANA.RD	CB175394709	5	4	5	5	5	24	96
24	KEERTHIKA.D	CB175394710	5	4	5	5	5	24	96
25	KIRUTHIKA.K	CB175394711	4	4	4	4	5	21	84
26	KIRUTHIKA.S	CB175394712	4	4	4	4	5	21	84
27	MAHIMA.M	CB175394713	4	4	4	5	5	22	88
28	MENAKA.G	CB175394714	5	5	5	5	5	25	100
29	MERBIN ASHA.S	CB175394715	4	4	5	5	5	23	92



30	MICHAEL JANCY MARY.S	CB17S394716	5	4	5	5	5	24	96
31	NERUPA.S	CB17S394717	5	5	5	5	5	25	100
32	PAVITHRA.K	CB17S394718	4	4	4	4	5	21	84
33	PAVITHRA.T	CB17S394719	5	5	5	5	5	25	100
34	PRATHIBA.k	CB17S394720	4	4	4	5	5	22	88
35	PRATHIKA.B	CB17S394721	4	4	5	5	5	23	92
36	RAHINI.V	CB17S394722	5	5	5	5	5	25	100
37	RAJARAJESHWARI.P	CB17S394723	4	4	4	4	4	20	80
38	RAMYA.V	CB17S394724	5	4	3	4	3	19	76
39	RUFINA.A	CB17S394725	5	5	5	5	5	25	100
40	SADAMHUSSAIN.J	CB17S394726	4	4	3	4	3	18	72
41	SAKTHIPRIYA.S	CB17S394727	4	4	4	5	5	22	88
42	SETHUMADHAVAN.M	CB17S394728	5	5	5	5	5	25	100
43	SHIYAMALADEVI.R	CB17S394729	5	4	3	4	3	19	76
44	SIVASHENKA.S	CB17S394730	4	4	4	4	4	20	80
45	SUBHASRI.R	CB17S394731	4	4	4	4	5	21	84
46	SUVAITHIRA.A	CB17S394733	4	4	4	5	5	22	88
47	SWATHI.S	CB17S394734	4	4	4	5	5	22	88
48	UMAIRA BEEVI.I	CB17S394735	5	4	5	5	5	24	96
49	VARSHA.B	CB17S394736	4	4	4	5	5	22	88
50	VIKASH EBI MERVIN.N	CB17S394737	5	5	5	5	5	25	100
			4.38	4.24	4.4	4.68	4.72		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.38	75	79.38	86.28261
CO2	4.24	75	79.24	86.13043
CO3	4.4	75	79.4	86.30435
CO4	4.68	75	79.68	86.6087
CO5	4.72	75	79.72	86.65217



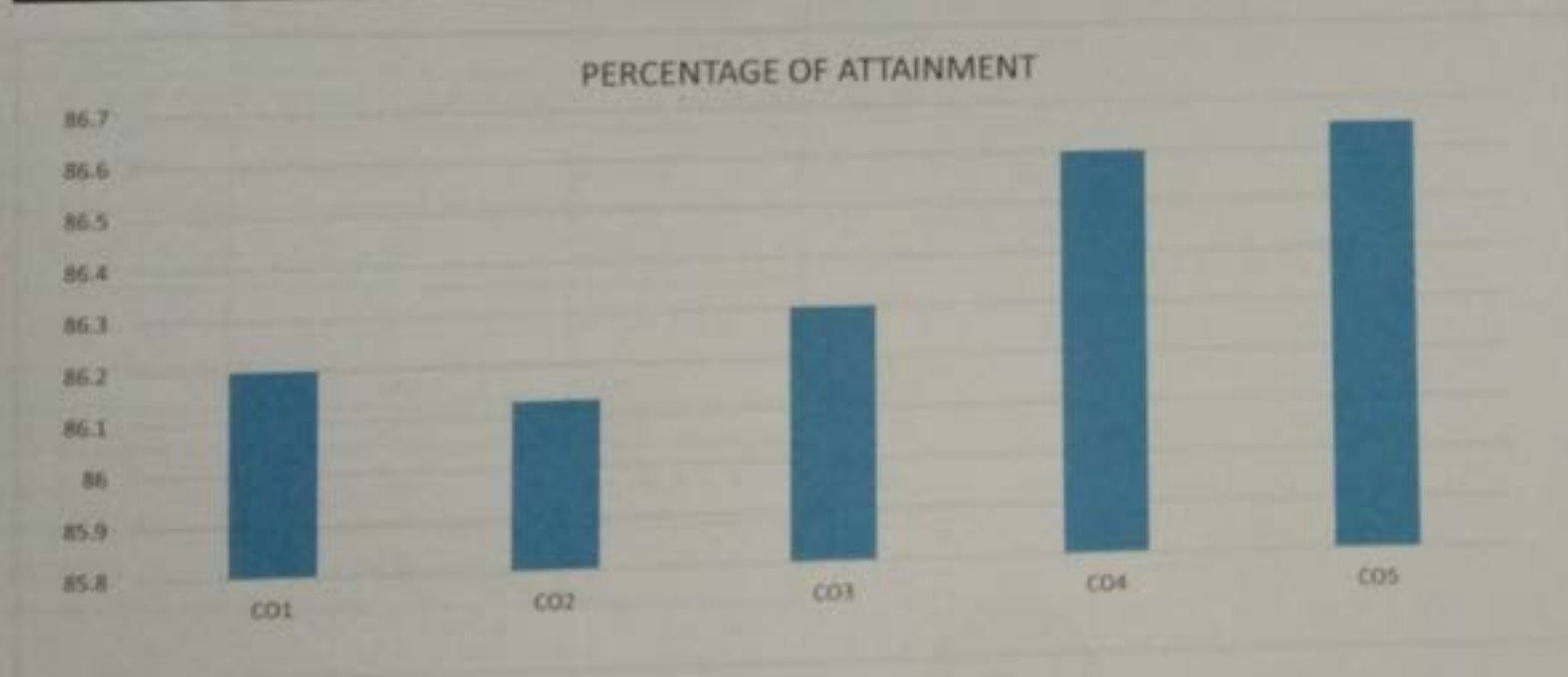
COURSE ATTAINMENT FOR B.SC :N&D

SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMBEN01

NO OF STUDENTS : 50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	86.2
CO2	86.13
CO3	86.3
CO4	86.6
CO5	86.65



SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMEND1

NO OF

STUDENTS : 50

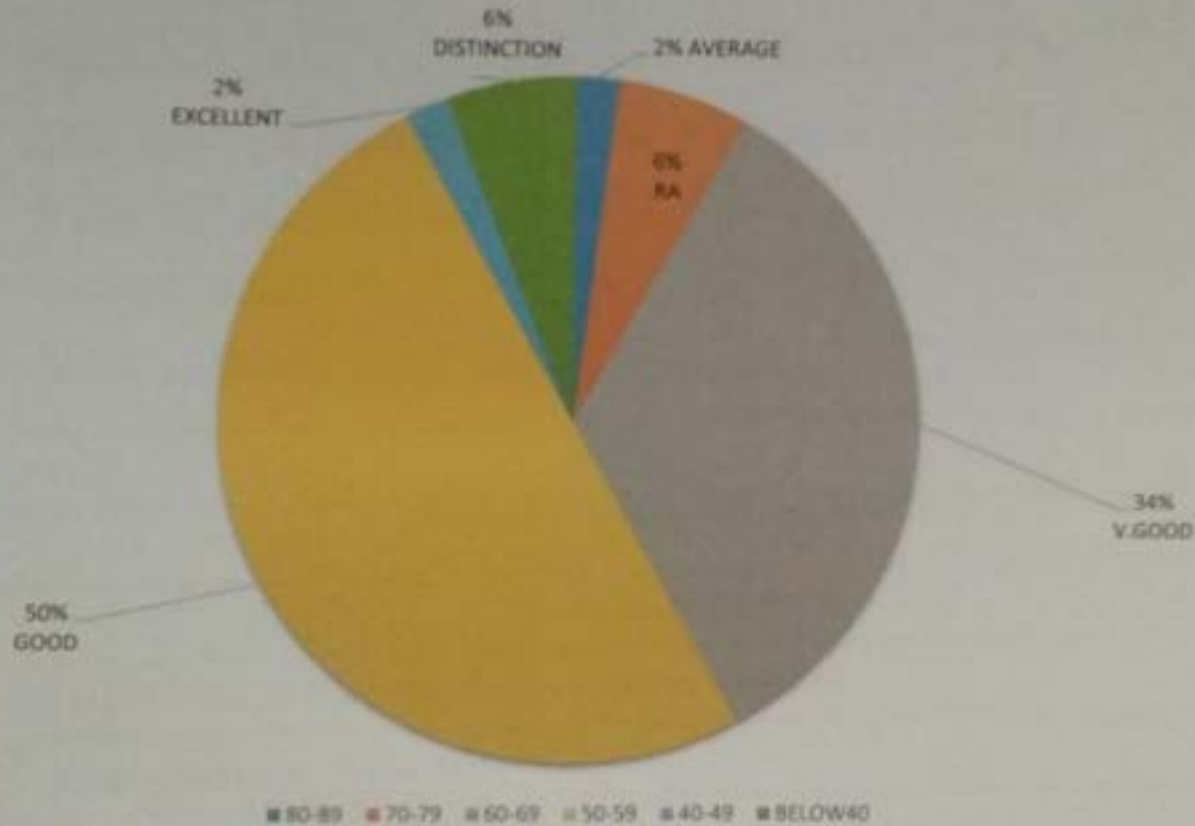
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	1	EXCELLENT
70-79	3	DISTINCTION
60-69	17	V.GOOD
50-59	25	GOOD
40-49	1	AVERAGE
BELOW40	3	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
80-89	2%	EXCELLENT
70-79	6%	DISTINCTION
60-69	34%	V.GOOD
50-59	50%	GOOD
40-49	2%	AVERAGE
BELOW40	6%	RA



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

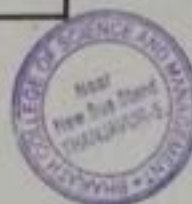
COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME: MSc FSMD	
P16FSE3 COUNSELLING SKILLS	COURSE OUTCOME	
	CO 1	Understand the principles and procedures of nutrition counselling
	CO 2	Understand the role of the counsellor
	CO 3	Develop an understanding in lifestyles in influence on health and well-being
	CO 4	Effects of acute and chronic diseases on the emotional and psychological state.
	CO 5	Understand the behaviour of the individuals .



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	0	2	2	3
CO2	0	3	2	2	3
CO3	3	3	3	2	2
CO4	3	3	2	3	1
CO5	3	3	3	2	3
Average	2.2	2.4	2.4	2.2	2.4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AJJUMAANSARI.T	P18450066	5	5	5	5	4	24	96
2	BALAKRISHNAN.UR	P18450067	5	4	5	5	4	23	92
3	GAYATHRI.M	P18450068	4	4	4	4	5	21	84
4	HAMSAVARITHINI.S	P18450069	5	5	5	5	5	25	100
5	KRISHNAVENI.R	P18450070	5	5	4	4	4	22	88
6	LEENAJENIFER.J	P18450071	5	4	4	5	5	23	92
7	MAHESWARGANDHI.S	P18450072	5	5	5	4	4	23	92
8	MOUNIKA.P	P18450073	5	5	5	5	4	24	96
9	NANDHINI.S	P18450075	5	5	4	5	4	23	92
10	NIVEDHA.B	P18450076	4	4	5	5	4	22	88
11	PRIYANGA.R	P18450077	5	4	4	5	4	22	88
12	SABARIMANI.B	P18450078	5	4	5	5	4	23	92
13	SOWMIYA.V	P18450079	5	5	5	5	5	25	100
14	SURUDHI.V	P18450080	5	5	5	5	5	25	100
15	UTHAYA.B	P18450081	4	5	5	4	4	22	88
16	VENNILA.A	P18450082	5	5	5	4	4	23	92
17	VIDYA.C	P18450084	4	5	4	5	4	23	92
	AVERAGE		4.764705882	4.647059	4.647059	4.705882	4.294118		

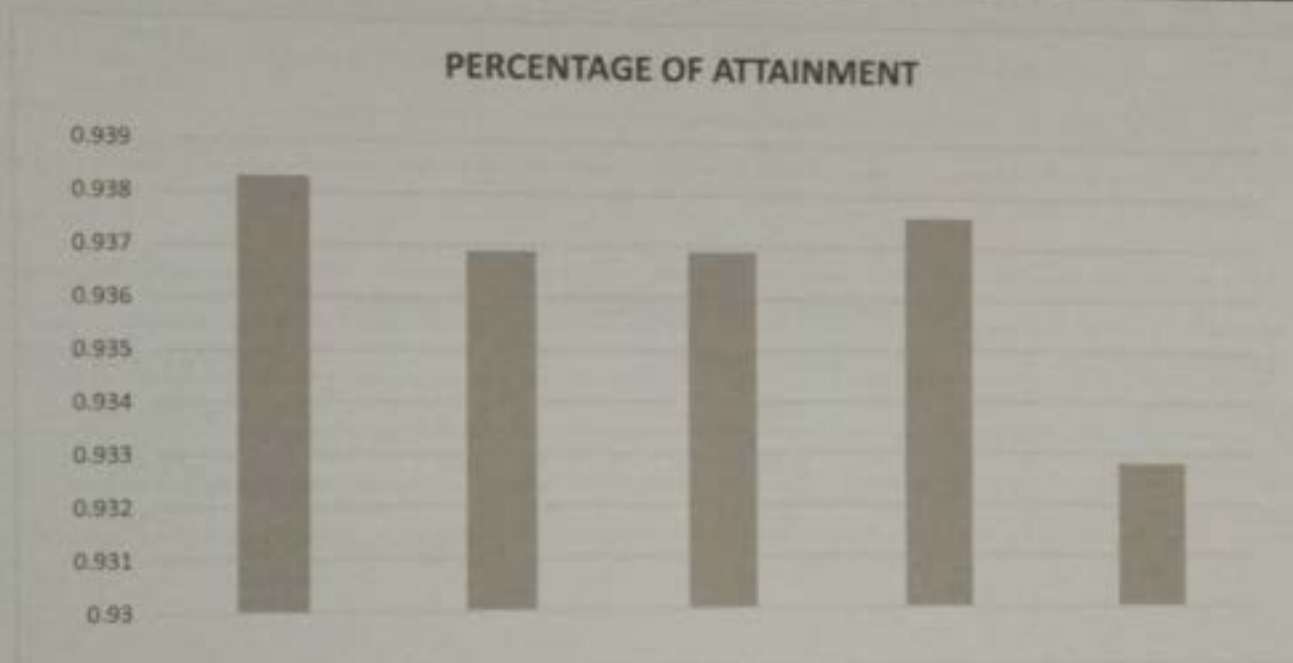
Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.76	75	79.76	93.83529
CO2	4.64	75	79.64	93.69412
CO3	4.64	75	79.64	93.69412
CO4	4.7	75	79.7	93.76471
CO5	4.29	75	79.29	93.28235



SUBJECT NAME : COURSE ATTAINMENT FOR MSc FSMD
 SUBJECT CODE : COUNSELLING SKILLS
 NO OF STUDENTS : P16FSE5
 17

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.83%
CO2	93.69%
CO3	93.69%
CO4	93.76%
CO5	93.28%



SUBJECT NAME : COURSE ATTAINMENT FOR MSc FSMD
SUBJECT CODE : COUNSELLING SKILLS
NO OF STUDENTS : P16FSES
 17

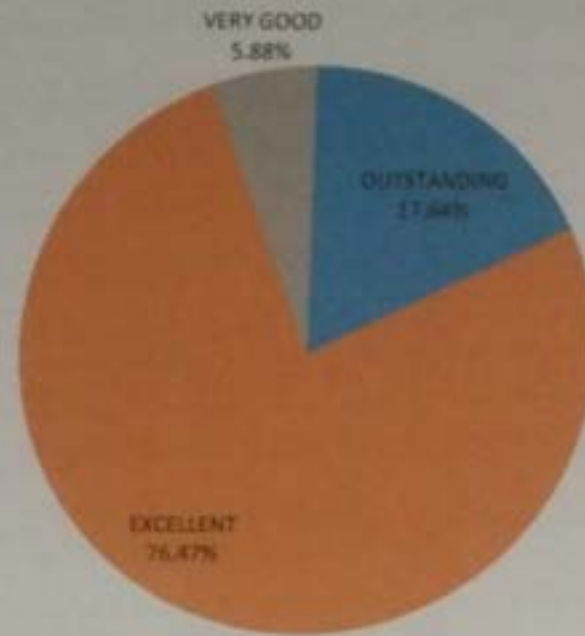
COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	3	OUT STANDING
80-89	13	EXCELLENT
70-79	1	VERY GOOD
60-69	0	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	17.64%	OUT STANDING
80-89	76.47%	EXCELLENT
70-79	5.88%	VERY GOOD



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COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 -Above ■ 80-89 ■ 70-79



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

(UGC Recognized 2(f) & 12(b) Institution)

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(MSc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME- M.Sc FSMD

COURSE OUTCOME

COURSE CODE&TITLE	CO 1	Gain knowledge on source and properties of food
P16FS11 ADVANCE FOOD SCIENCE	CO 2	Develop skills to judge the quality of cooked foods
	CO 3	Understand the principles and chemistry of foods.
	CO 4	Apply the principles while preparing and cooking
	CO 5	Comprehend knowledge on the characteristics and properties of foods in cooking process



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	0.2	2.6	0.4	0.2	0.8

Internal Examination Mark Distribution for each course outcome			
CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	REG NUMBER	STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	P19450101	AASIMA ANSARI .T	5	5	5	4	4	24	96
2	P19450102	ABARNA.A	5	5	5	4	4	24	96
3	P19450103	ARPUTA.R	5	5	5	4	3	24	96
4	P19450104	DEVA ROOSVELT	4	4	4	4	3	20	80
5	P19450105	DEVADHASHINI.R	5	5	5	4	3	22	88
6	P19450106	DHARANYA.K	5	5	5	4	3	24	96
7	P19450107	DINESH KUMAR.M	4	5	4	3	3	20	80
8	P19450108	HAJI MOHAMMED.M	4	5	4	3	3	20	80
9	P19450109	JANAKIPRIYA.R	5	5	5	5	5	25	100
10	P19450110	JESSY MARGARET.J	5	5	5	4	3	23	92
11	P19450111	KOWSIKA.A	5	4	4	5	5	25	100
12	P19450112	MAGESWARIG	5	5	4	4	4	19	76
13	P19450113	MANISHA.S	3	3	5	5	4	25	100
14	P19450114	MONIKA.R	5	5	5	5	5	24	96
15	P19450115	NANDHINI.M	5	5	5	4	4	25	100
16	P19450116	SANGEETHA.S	4	4	4	4	4	20	80
17	P19450117	SHAHIN BANU.A	5	5	5	5	5	25	100
18	P19450118	SUGUNA.T	5	5	5	4	3	22	88
AVERAGE			4.67	4.72	4.67	4.17	3.78		



Expected attainment in each CO -85%				
CO	Int.Exam+ Assignment	End sem	total	%
CO1	4.67	75	79.67	93.7294
CO2	4.72	75	79.72	93.7882
CO3	4.67	75	79.67	93.7294
CO4	4.17	75	79.17	93.1412
CO5	3.78	75	78.78	92.6824

COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

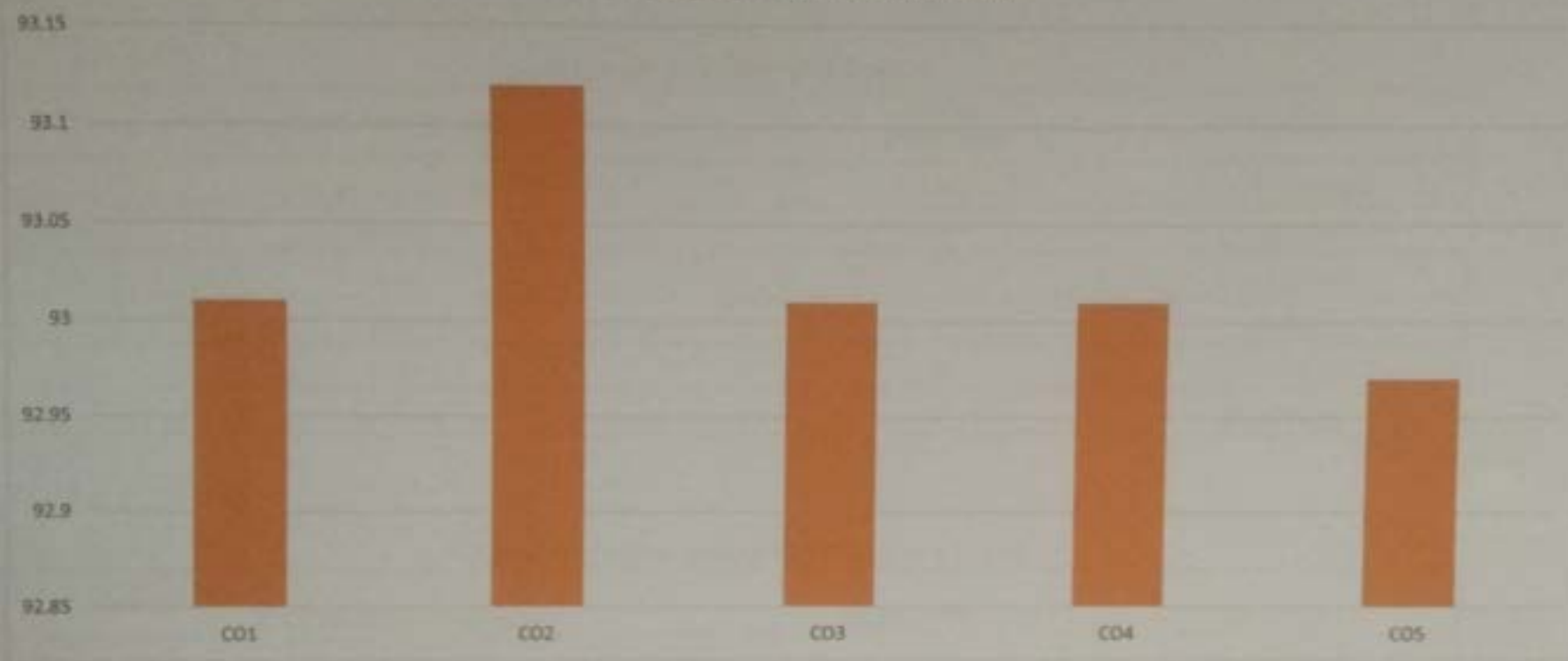
SUBJECT CODE :P16FS11

NO.OF STUDENTS:18

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.3
CO2	92.7
CO3	92.6
CO4	92.6
CO5	92.5



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : ADVANCED FOOD SCIENCE
SUBJECT CODE : P16FS11
NO OF STUDENTS : 18

COURSE OUTCOME ASSESSMENT

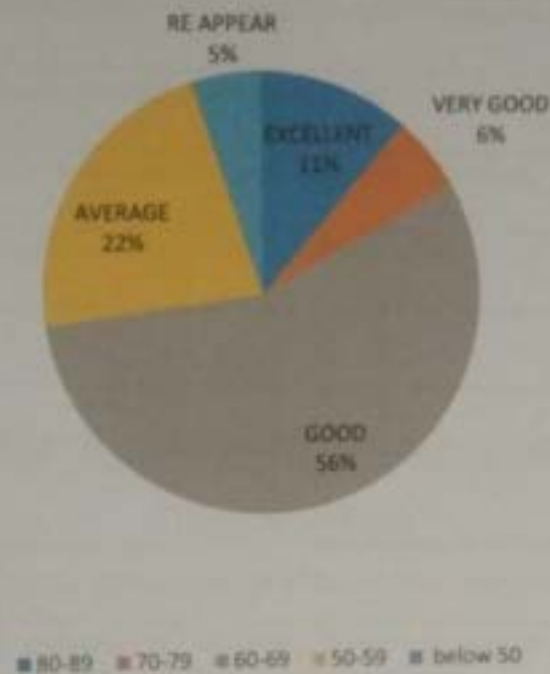
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	0	OUTSTANDING
80-89	2	EXCELLENT
70-79	1	VERY GOOD
60-69	10	GOOD
50-59	4	AVERAGE
below 50	1	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	11%	EXCELLENT
70-79	6%	VERY GOOD
60-69	56%	GOOD
50-59	22%	AVERAGE
below 50	5%	RE-APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT

(UGC Recognised under 2(f) & 12(B) Institution)

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and Course outcomes

PROGRAMME OUTCOME (M.Sc :FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME:M.Sc :FSMD	
	COURSE OUTCOME	
P16FS21 DIETETICS	CO 1	Learn, analyse and apply the nutrition care process and therapeutic dietary approach
	CO 2	Understand the aetiology, physiologic and metabolic anomalies of acute and chronic diseases and patient needs
	CO 3	Know the effect of various diseases on nutritional status and nutritional and dietary requirements.
	CO 4	Develop aptitude for taking up dietetics as a profession
	CO 5	Develop capacity and aptitude for taking up dietetics as a profession



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
AASIMA ANSARI .T	P19450101	5	5	5	4	5	24	96
ABARNA.A	P19450102	5	5	5	4	5	24	96
ARPUTA.R	P19450103	5	5	5	4	4	23	92
DEVA ROOSVELT	P19450104	4	4	4	4	4	20	80
DEVADHASHINLR	P19450105	5	5	5	4	4	23	92
DHARANYA.K	P19450106	5	5	5	5	4	24	96
DINESH KUMAR.M	P19450107	5	4	4	4	4	21	84
HAJI MOHAMMED.M	P19450108	5	5	4	4	4	22	88
JANAKIPRIYA.R	P19450109	5	5	5	5	5	25	100
JESSY MARGARET.J	P19450110	5	5	4	4	4	22	88
KOWSIKA.A	P19450111	5	5	5	5	4	24	96
MAGESWARLG	P19450112	5	5	5	4	4	23	92
MANISHA.S	P19450113	5	5	5	5	5	25	100
MONIKA.R	P19450114	5	5	5	5	5	25	100
NANDHINI.M	P19450115	5	5	4	4	5	23	92
SANGEETHA.S	P19450116	5	5	4	4	4	22	88
SHAHIN BANULA	P19450117	5	5	5	5	5	25	100
SUGUNA.T	P19450118	5	5	5	5	4	24	96
AVERAGE		4.94	4.89	4.67	4.39	4.39		

Expected attainment in each CO -85%				
CO	Int.Exam+Assignment	End sem	total	%
CO1	4.94	75	79.94	94.05
CO2	4.8	75	79.8	93.88
CO3	4.66	75	79.66	93.72
CO4	4.38	75	79.38	93.39
CO5	4.38	75	79.38	93.39



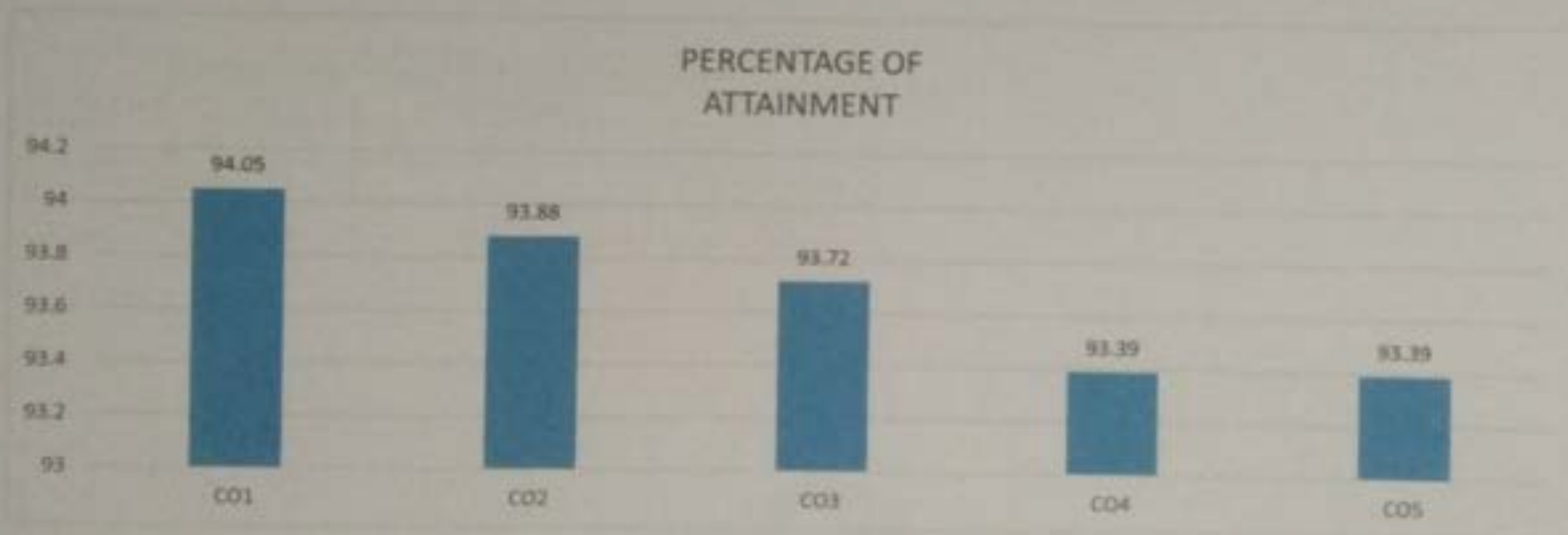
COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME: DIETETICS

SUBJECT CODE :P16FS21

NUMBER OF STUDENTS :18

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.05
CO2	93.88
CO3	93.72
CO4	93.39
CO5	93.39



COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME :DIETETICS

SUBJECT CODE : P16FS21

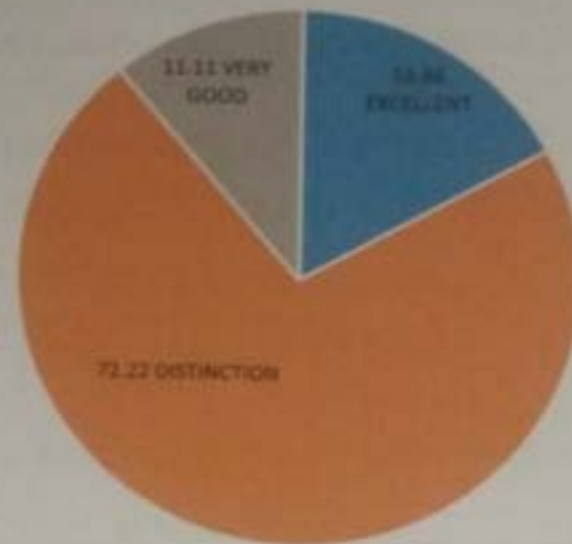
NO OF STUDENTS :18

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	NO OF STUDENT	STATUS
90 -Above	3	OUT STANDING
80-90	13	EXCELLENT
70-79	2	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-90	16.66	EXCELLENT
70-79	72.22	DISTINCTION
60-69	11.11	VERY GOOD



PERCENTAGE



* 80-90 * 70-79 * 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

UGC Recognized (12f) (12b) Institution

Affiliated Bharathidasan University, Tiruchirappalli

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE COURSE- CLINICAL BIOCHEMISTRY

COURSE OUTCOME

COURSE CODE&TITLE P16F513 CLINICAL BIO CHEMISTRY	CO 1	Understand the metabolism of the nutrients and the associated diseases
	CO 2	Know the organ specific function tests associated with the disease
	CO 3	Comprehend the role of hormone in health.
	CO 4	Understand the diferent evaluation of organ function tests.
	CO 5	Obtain knowledge on different disorders in human body.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	1	13	2	1	4

Internal Examination Mark Distribution for each course outcome				
CO	INTERNAL(15)	ASSIGNMENT(S)	SEMINAR(S)	
CO1	3	1	1	
CO2	3	1	1	
CO3	3	1	1	
CO4	3	1	1	
CO5	3	1	1	
TOTAL	15	5	5	



S.NO	NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	AASIMA ANSARI .T	P19450101	5	5	5	4	4	23	92
2	ABARNA.A	P19450102	5	5	5	4	4	23	92
3	ARPUTA.R	P19450103	5	5	5	4	3	22	88
4	DEVA ROOSVELT	P19450104	4	4	4	4	3	19	76
5	DEVADHASHINI.R	P19450105	5	5	5	4	3	22	88
6	DHARANYA.K	P19450106	5	5	5	4	3	23	92
7	DINESH KUMAR.M	P19450107	4	5	4	3	3	19	76
8	HAJI MOHAMMED.M	P19450108	4	5	4	3	3	19	76
9	JANAKIPRIYA.R	P19450109	5	5	5	5	5	25	100
10	JESSY MARGARET.J	P19450110	5	5	5	4	3	22	88
11	KOWSIKA.A	P19450111	5	4	4	5	5	23	92
12	MAGESWARI.G	P19450112	5	5	4	4	4	19	76
13	MANISHA.S	P19450113	3	3	5	5	4	24	96
14	MONIKA.R	P19450114	5	5	5	5	5	25	100
15	NANDHINI.M	P19450115	5	5	5	4	4	23	92
16	SANGEETHA.S	P19450116	4	4	4	4	4	20	80
17	SHAHIN BANU.A	P19450117	5	5	5	5	5	25	100
18	SUGUNA.T	P19450118	5	5	5	4	3	22	88
			4.67	4.72	4.67	4.17	3.78		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.67	75	79.67	93.72941
CO2	4.72	75	79.72	93.78824
CO3	4.67	75	79.67	93.72941
CO4	4.17	75	79.17	93.14118
CO5	3.78	75	78.78	92.68235

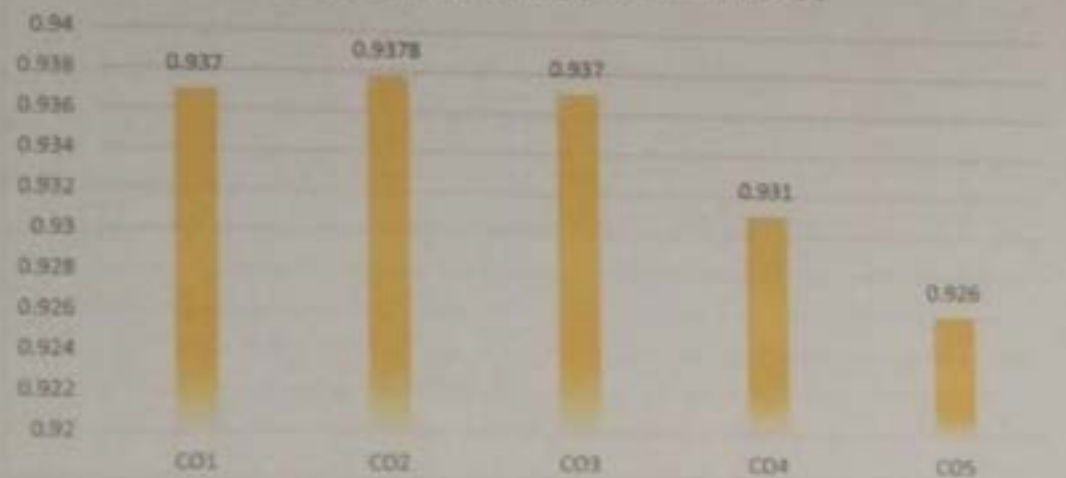


COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
 SUBJECT CODE : P16FS13
 NO OF STUDENTS : 18

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94%
CO2	94%
CO3	94%
CO4	93%
CO5	93%

PERCENTAGE ATTAINMENT

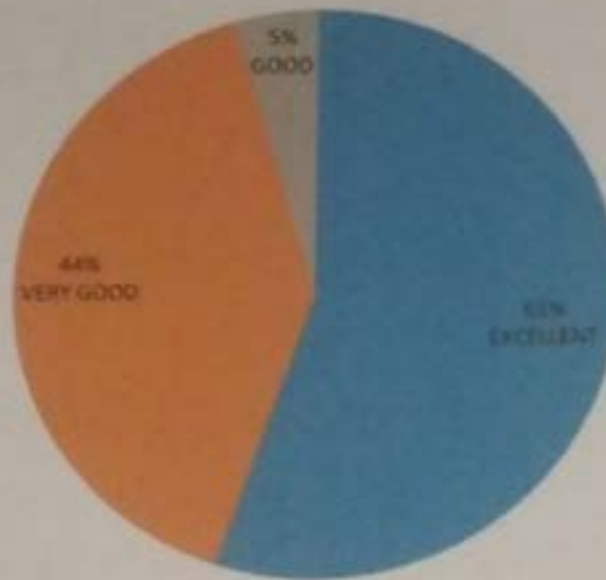


CATEGORY MARKS	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	2	EXCELLENT
70-79	1	VERY GOOD
60-69	10	GOOD
50-59	5	AVERAGE
Below 50	1	RE- APPEAR

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	61%	EXCELLENT
70-79	44%	VERY GOOD
60-69	5%	GOOD



PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (M.S.c FSMD)

PO1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO3	Capable to develop and evaluate unique health food products to foster healthy society.
PO4	Manage and administrate dietaries and food service outlets effectively
PO5	Become a successful professional, entrepreneur and researcher.

COURSE - QUANTITY FOOD PRODUCTION AND SERVICE

Course Code & Course Title	COURSE OUTCOME	
P16FS31 Quantity food production and service	CO1	Gain knowledge in menu planning, large scale food production and service.
	CO2	Manage the mass production of cuisines and beverages.
	CO3	Know the different types of food service techniques
	CO4	Learn aspects on quantity production and quality control
	CO5	Gain knowledge on standardization of recipes.



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	3	3
CO2	2	0	2	3	3
CO3	2	1	1	3	3
CO4	2	0	3	3	3
CO5	2	0	2	1	3
Average	1.6	0.2	2.6	2.6	3

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	AJUMAANSARI.T	P18450066	5	5	5	5	5	25	80
2	BALAKRISHNAN.UR	P18450067	4	4	4	4	4	20	80
3	GAYATHRI.M	P18450068	5	5	4	4	4	22	88
4	HAMSAVARITHINI.S	P18450069	4	4	5	5	5	23	92
5	KRISHNAVENI.R	P18450070	5	4	4	5	5	23	92
6	LEENAJENIFER.J	P18450071	4	4	4	4	4	20	80
7	MAHESWARGANDHI.S	P18450072	4	4	4	4	4	20	80
8	MOUNIKA.P	P18450073	5	5	5	5	4	24	96
9	NANDHINI.S	P18450075	4	4	4	4	4	20	80
10	NIVEDHA.B	P18450076	5	4	4	4	5	22	88
11	PRIYANGA.R	P18450077	4	4	4	4	4	20	80
12	SABARIMANI.B	P18450078	4	4	4	4	4	20	80
13	SOWMIYA.V	P18450079	5	5	5	5	5	25	100
14	SURUDHI.V	P18450080	5	5	5	5	5	25	100
15	UTHAYA.B	P18450081	4	4	4	4	4	20	80
16	VENNILA.A	P18450082	4	4	4	3	5	20	80
17	VIDYA.C	P18450083	4	4	4	4	4	20	80
Average			4.41	4.29	4.29	4.29	4.41		

Expected Attainment in each CO - 85%

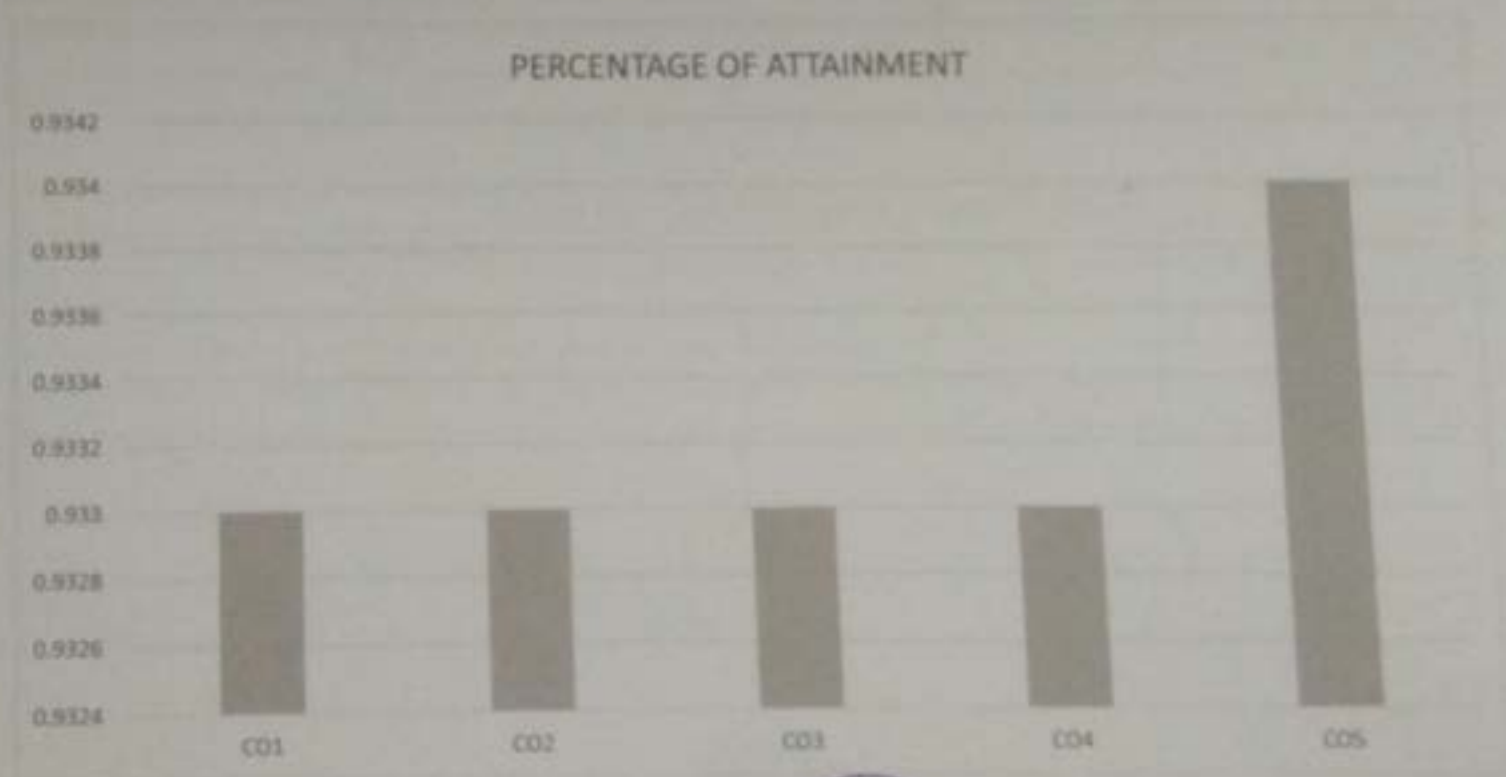
CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.41	75	79.41	93.4
CO2	4.29	75	79.29	93.3
CO3	4.29	75	79.29	93.3
CO4	4.29	75	79.29	93.3
CO5	4.41	75	79.41	93.4



COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : QUANTITY FOOD PRODUCTION AND SERVICE
 SUBJECT CODE : P16FS31
 NO OF STUDENTS : 17

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.30%
CO2	93.30%
CO3	93.30%
CO4	93.30%
CO5	93.40%



COURSE ATTAINMENT FOR MSc FSMD

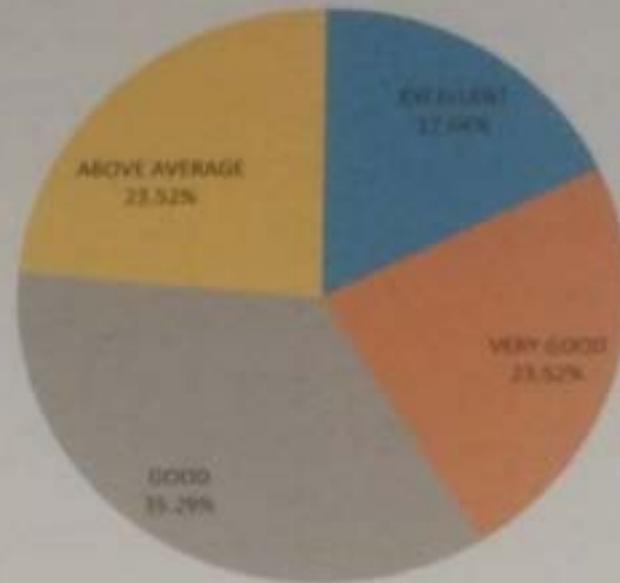
SUBJECT NAME : QUANTITY FOOD PRODUCTION AND SERVICE
SUBJECT CODE : P16FS31
NO OF STUDENTS : 17

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	3	EXCELLENT
70-79	4	VERY GOOD
60-69	6	GOOD
50-59	4	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	17.64%	EXCELLENT
70-79	23.52%	VERY GOOD
60-69	35.29%	GOOD
50-59	23.52%	ABOVE AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69 ■ 50-59



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAM :M.SC FSMD

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
FOOD PRODUCT DEVELOPMENT(P16FS E4)	CO 1	Provide a platform to undertake innovative research for new product development
	CO 2	Understand the applications of food service operations, dietetics, food chemistry
	CO 3	Gain knowledge on Recipe development
	CO 4	Develop integrated problem-solving competency and establish as scientists, research associates, food assurance officers and independent entrepreneurs
	CO 5	Competent to pursue career in the fields of hospitality service industry, food industry and health care sector



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	0	2
CO2	3	3	0	2	0
CO3	0	0	0	0	3
CO4	0	0	0	0	1
CO5	3	1	1	3	3
Average	1.2	0.8	0.2	1	1.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AJUMAANSARI.T	P18450066	5	5	5	5	5	25	100
2	BALAKRISHNAN.UR	P18450067	5	4	3	4	3	19	76
3	GAYATHRI.M	P18450068	5	4	3	4	3	19	76
4	HAMSAVARITHINI.S	P18450069	5	5	5	5	5	25	100
5	KRISHNAVENI.R	P18450070	4	4	5	5	5	23	92
6	LEENAJENIFER.J	P18450071	4	4	5	5	5	23	92
7	MAHESWARGANDHI.S	P18450072	5	4	3	4	3	19	76
8	MOUNIKA.P	P18450073	4	4	4	4	4	20	80
9	NANDHINI.S	P18450075	4	4	5	5	5	23	92
10	NIVEDHA.B	P18450076	4	4	4	4	4	20	80
11	PRIYANGA.R	P18450077	5	4	3	4	3	19	76
12	SABARIMANI.B	P18450078	4	4	4	4	5	21	84
13	SOWMIYA.V	P18450079	5	5	5	5	5	25	100
14	SURUDHI.V	P18450080	5	5	5	5	5	25	100
15	UTHAYA.B	P18450081	5	4	3	4	3	19	76
16	VENNILA.A	P18450082	4	4	4	4	5	21	84
17	VIDHYA.A	P18450083	4	4	4	4	4	20	80
18	VIDYA.C	P18450084	4	4	5	5	5	23	92
			4.5	4.222222	4.166667	4.444444	4.277778		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.5	75	79.5	93.52941
CO2	4.2222	75	79.2222	93.20259
CO3	4.16666	75	79.16666	93.13725
CO4	4.444444	75	79.444444	93.46405
CO5	4.277777	75	79.277777	93.26797



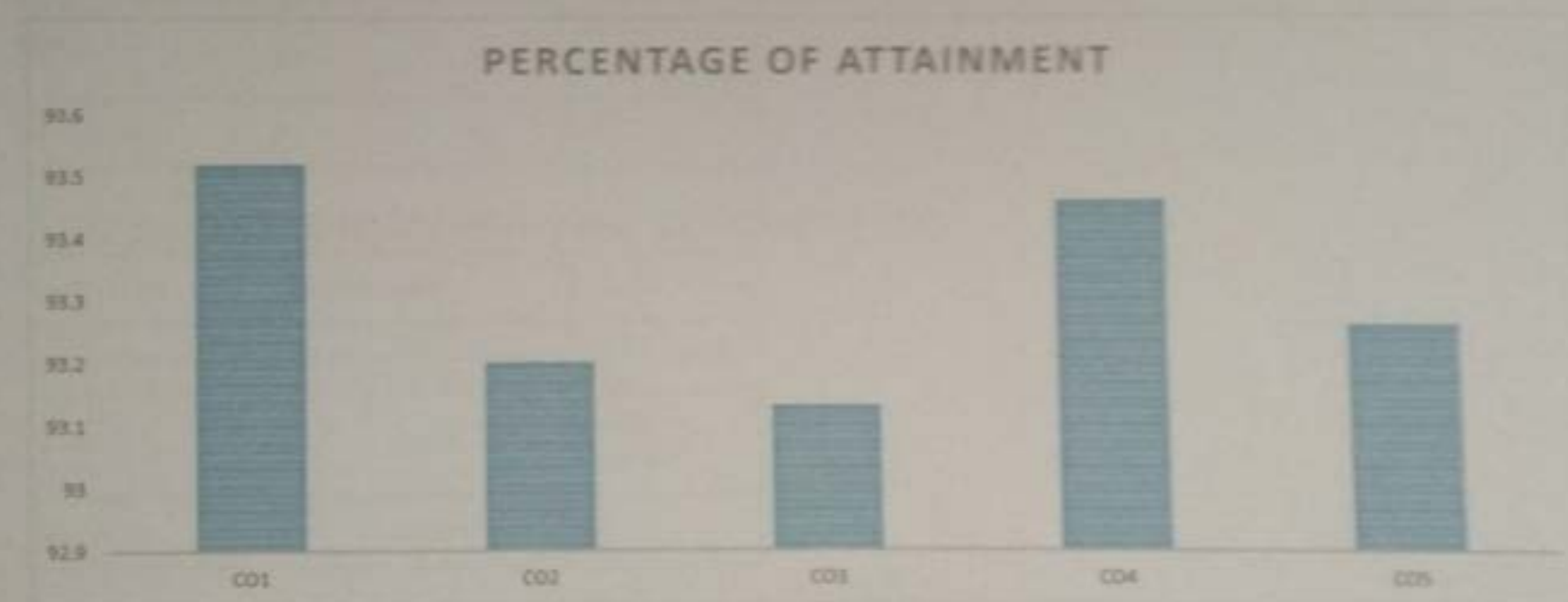
COURSE ATTAINMENT FOR M.SC -PSMD

SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 17

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.52
CO2	93.2
CO3	93.13
CO4	93.46
CO5	93.26



SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 17

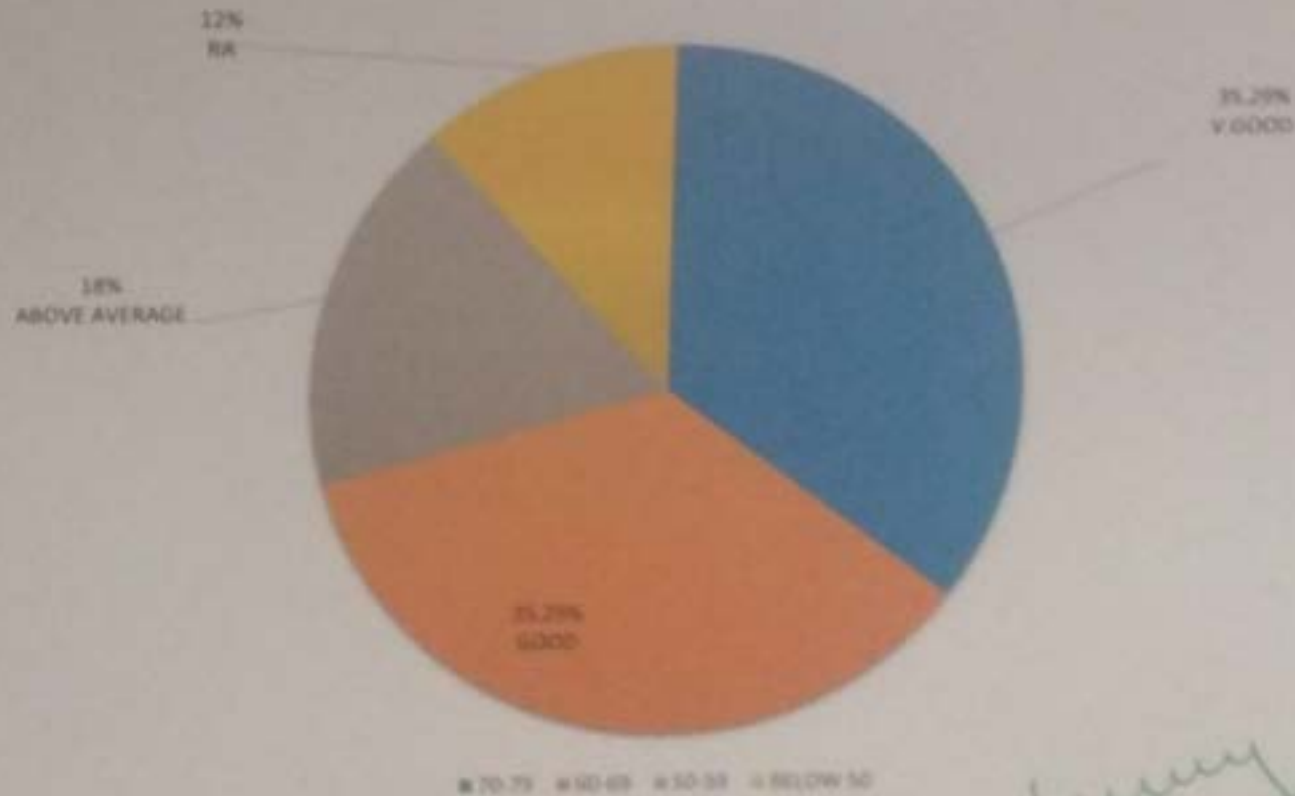
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	0	OUTSTANDING
80-89	0	EXCELLENT
70-79	6	V.GOOD
60-69	6	GOOD
50-59	3	ABOVE AVERAGE
BELOW 50	2	RA

COURSE OUT COME ASSESSMENT IN PERCENTAGE

CATERGORY	PEECENTAGE	STATUS
70-79	35.29%	V.GOOD
60-69	35.29%	GOOD
50-59	17.64%	ABOVE AVERAGE
BELOW 50	11.76%	RA



COURSE OUT COME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME : BSc N&D	
16SCCND8 DIETETICS-II	COURSE OUTCOME	
	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABIMANYU.V	CB185395161	5	5	5	5	5	25	100
2	ABITHA.R	CB185395162	4	5	5	5	5	24	96
3	AMRUTHA KUMAR	CB185395163	5	4	4	4	3	20	80
4	ANUGRAGA THOMAS	CB185395164	5	5	5	5	5	25	100
5	ASHA .M	CB185395165	5	4	4	3	4	20	80
6	BARATH KUMAR .R	CB185395166	4	5	4	4	3	20	80
7	BAVATHARINI .K	CB185395167	3	4	4	5	4	20	80
8	BENCY .J	CB185395168	4	4	4	5	3	20	80
9	BHUVANESHWARI .P	CB185395169	5	5	5	3	4	22	88
10	DEVIKA .M	CB185395170	5	5	4	4	5	23	92
11	DIVYABHARATHI .A	CB185395171	5	5	5	5	5	25	100
12	GOGULALAKSHMI .R	CB185395173	5	4	4	3	4	20	80
13	HADHI JAFRIN LAILA .S	CB185395174	5	3	5	4	4	21	84
14	JANAKI .S	CB185395175	5	4	5	4	4	22	88
15	JAMILLA GANI .S	CB185395176	5	5	5	5	5	25	100
16	JENIFER SHEELA .E	CB185395177	5	5	5	5	5	23	92
17	JENSIYA .S	CB185395178	5	5	5	5	5	22	88
18	JESINTHA MARY .A	CB185395179	5	5	5	5	5	23	92
19	KALAIMAGAL .P	CB185395180	5	5	5	5	5	20	80
20	KALIVARTHAN .R	CB185395181	5	5	5	5	5	20	80
21	KAVITHA .P	CB185395182	5	5	5	5	5	20	80
22	KEETHANA .K	CB185395183	5	5	5	5	5	20	80
23	MADHUMATHI .E	CB185395184	5	5	5	5	5	23	92
24	MADHUMITHA .L	CB185395185	5	5	5	5	5	25	100
25	MAHADEVAN .R.K	CB185395186	5	5	5	5	5	20	80
26	MAMPHAJOTHI .G	CB185395187	5	5	5	5	5	23	92
27	MANIBHARATHI .G	CB185395188	5	5	5	5	5	20	80
28	MOHANAMBAL .S	CB185395189	5	5	5	5	5	21	84
29	NANDHINI .M.U	CB185395191	5	5	5	5	5	20	80
30	NIVETHA .R	CB185395192	5	5	5	5	5	23	92



31	NOORNISHA .S	CB18S395193	5	5	5	5	5	20	80
32	POONGUZHALI .D	CB18S395194	5	5	5	5	5	23	92
33	PRIYADHARSHINI .D	CB18S395195	5	5	5	5	5	20	80
34	PURUSHOTHAMAN .B	CB18S395196	5	5	5	5	5	20	80
35	RAGAVIN .R	CB18S395197	5	5	5	5	5	21	84
36	SANTHINI .G	CB18S395198	5	5	5	5	5	24	96
37	SATHYA .R	CB18S395199	5	5	5	5	5	25	100
38	SELLAKANNU .T	CB18S395200	5	5	5	5	5	20	80
39	SHARMILA .M	CB18S395201	5	5	5	5	5	23	92
40	SNEKA .S	CB18S395202	5	5	5	5	5	20	80
41	SOBANA .G	CB18S395203	5	5	5	5	5	20	80
42	SOWMIYA .R	CB18S395204	5	5	5	5	5	20	80
43	THAMSEELA.A	CB18S395205	5	5	5	5	5	25	100
44	UDHAYASURIYAN .A	CB18S395206	5	5	5	5	5	20	80
45	VARSHA .A	CB18S395207	5	5	5	5	5	25	100
46	VERAMUKIL .C	CB18S395208	5	5	5	5	5	23	92
47	VIDHYA .P	CB18S395209	5	5	5	5	5	20	80
48	VIVEKA .T	CB18S395210	5	5	5	5	5	24	96
	AVERAGE		4.895833333	4.833333333	4.854167	4.770833	4.75		

Expected attainment in each CO -85%

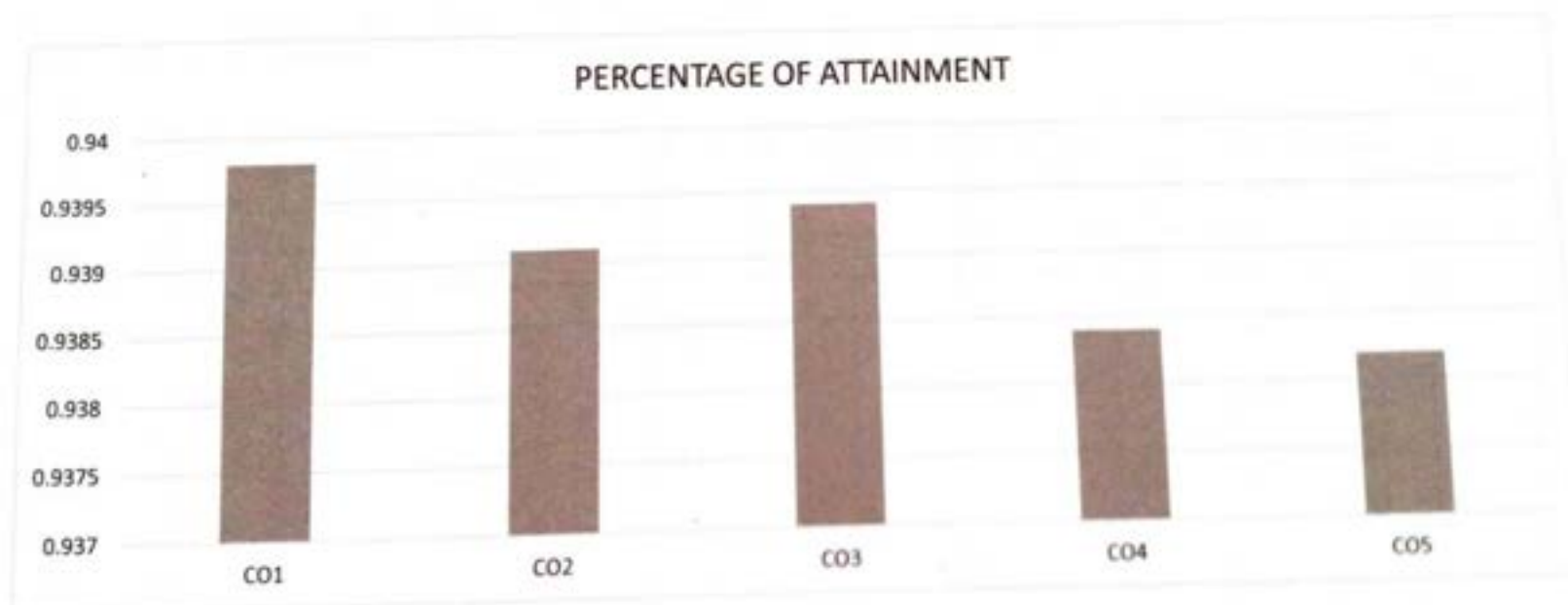
CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.89	75	79.89	93.98823529
CO2	4.83	75	79.83	93.91764706
CO3	4.85	75	79.85	93.94117647
CO4	4.77	75	79.77	93.84705882
CO5	4.75	75	79.75	93.82352941



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
SUBJECT CODE : 16SCCND8
NO OF STUDENTS : 48

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.98%
CO2	93.91%
CO3	93.94%
CO4	93.84%
CO5	93.82%



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

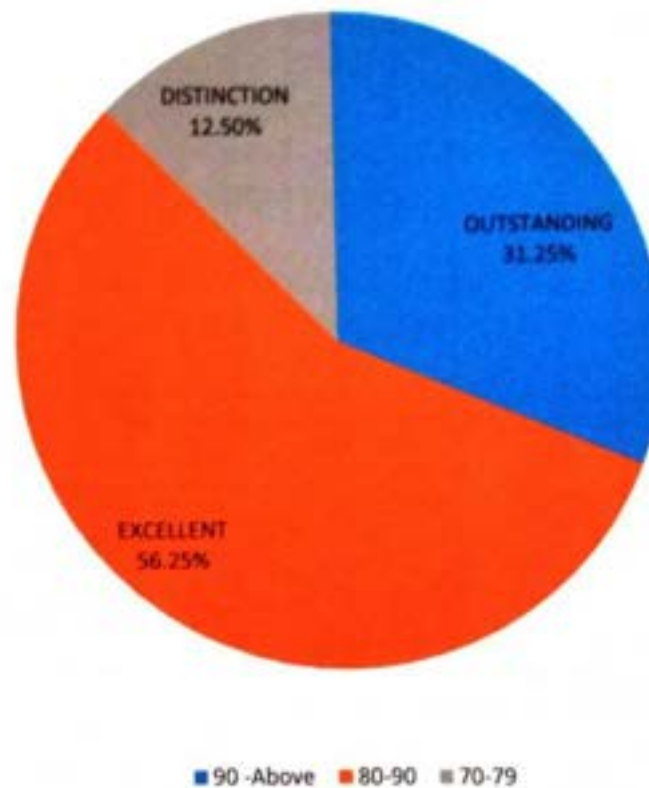
SUBJECT NAME : DIETETICS-II
SUBJECT CODE : 16SCCND8
NO OF STUDENTS : 48

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	15	OUT STANDING
80-90	27	EXCELLENT
70-79	6	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	31.25%	OUT STANDING
80-90	56.25%	EXCELLENT
70-79	12.50%	DISTINCTION



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - FOOD SCIENCE

COURSE OUTCOME

CO1	Obtain knowledge of different food groups, their composition and their role in diet
CO2	Study different methods of cooking foods
CO3	Understand the major chemical reactions that occur during food preparation and storage
CO4	Obtain knowledge about the nutrients present in foods
CO5	Able to describe the techniques that can be used to monitor quality of raw ingredients and final products.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	3	2	3
CO3	3	3	2	2	2
CO4	3	2	3	3	3
CO5	3	3	2	3	3
Average	3	2.6	2.4	2.6	2.8

Internal Examination Mark Distribution for each course outcome

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



REGISTER NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
CB20S396303	S.AARTHI	5	5	5	5	4	24	96
CB20S396304	A.ABARNA	5	5	5	5	4	24	96
CB20S396305	G.AMIRTHAVARSHINI	5	5	5	4	4	23	92
CB20S396306	R.ANUSHYA	5	5	5	4	4	23	92
CB20S396307	S.ARCHANA	5	5	5	4	4	23	92
CB20S396308	M.ARUNKUMAR	5	5	5	4	4	23	92
CB20S396309	S.CHARULATHA	5	5	5	5	4	24	96
CB20S396310	M.DHANAROJA	5	5	5	4	4	23	92
CB20S396311	V.DHIVYADHASHINI	5	5	5	4	4	23	92
CB20S396312	G.DHIVYA BHARATHI	5	5	5	5	4	24	96
CB20S396313	V.DURGA	5	5	5	5	5	25	100
CB20S396314	J.EPSIBHA	5	5	5	5	5	25	100
CB20S396315	M.GAYATHRI	5	5	5	5	4	24	96
CB20S396316	A.GLOBAN	5	5	4	4	4	23	92



CB20S396317	P.HEMA	4	4	4	5	5	22	88
CB20S396318	S.JANANI	5	5	5	4	4	23	92
CB20S396319	J.JONES ALFRIED	5	5	5	4	4	23	92
CB20S396320	K.KAVIYA	5	5	5	4	4	23	92
CB20S395874	M.KAVIYA	5	5	5	4	3	22	88
CB20S395875	M.S.KEERTHANA	5	5	5	4	2	21	84
CB20S395876	R.KIRUTHIGA DEVI	5	5	5	4	3	22	88
CB20S395877	S.MAHESHWARAN	5	5	5	4	4	23	92
CB20S395878	S.MALIGESWAR GANDHI	5	4	4	4	4	21	84
CB20S395879	G.NARMATHA	5	5	5	5	4	24	96
CB20S395880	A.NISHA	5	4	4	4	4	21	84
CB20S395881	K.NISHANTH	5	4	4	4	4	21	84
CB20S395882	B.NISHANTH RAJA	5	4	4	4	5	22	88
CB20S395883	G.PRABAVATHI	5	4	4	4	5	21	84
CB20S395884	K.PRIYADHARSHINI	5	4	4	4	5	24	96
CB20S395885	R.PRIYADHARSHINI	5	4		4	5	22	88



CB20S395886	N.RAMESH	5	4	4	5	5	23	92
CB20S395887	R.REJINA	5	4	4	4	5	23	92
CB20S395888	R.REKA	5	5	5	4	5	24	96
CB20S395889	L.SANGAVI	5	4	4	4	5	23	92
CB20S395890	R.SHANMUGAM	5	4	5	5	5	24	96
CB20S395891	B.SUBHA	5	4	4	5	5	23	92
CB20S395892	G.SWATHI	5	5	5	5	5	25	100
CB20S395893	S.SWETHA	4	4	4	4	4	20	80
CB20S395894	S.SWETHA	5	4	5	4	5	23	92
CB20S395895	G.THIRUMALAIKUMAR	5	4	4	4	5	22	88
CB20S395896	V.S.VAISHNAVI	5	4	5	4	5	23	92
CB20S395897	K.VINOTHINI	5	4	5	4	5	23	92
CB20S395898	R.YOGA	5	4	5	4	5	23	92
AVERAGE		4.95	4.56	4.65	4.30	4.35		

Expected attainment in each CO -85%				
CO	Int.Exam+Assignment	End sem	total	%
CO1	4.95	75	79.95	94.05882
CO2	4.56	75	79.56	93.6
CO3	4.65	75	79.65	93.70588
CO4	4.3	75	79.3	93.29412
CO5	4.35	75	79.35	93.35294



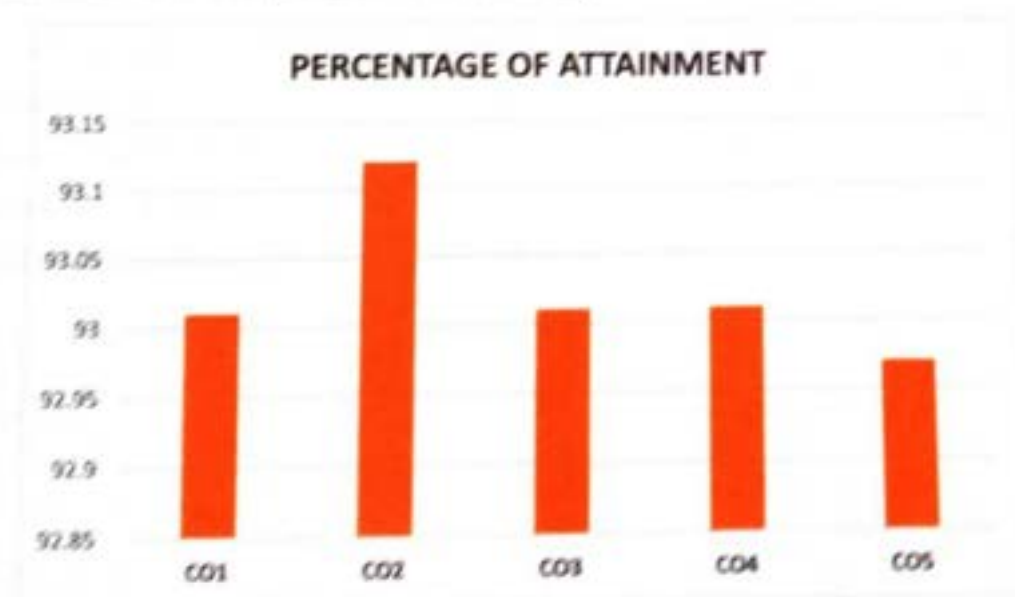
COURSE ATTAINMENT FOR B.Sc.,NUTRITION AND DIETETICS

SUBJECT NAME: FOOD SCIENCE

SUBJECT CODE :16SCCND1

NO.OF STUDENTS:50

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.9
CO2	92.9
CO3	92.9
CO4	93.2
CO5	93.5



COURSE OUTCOME ASSESSMENT

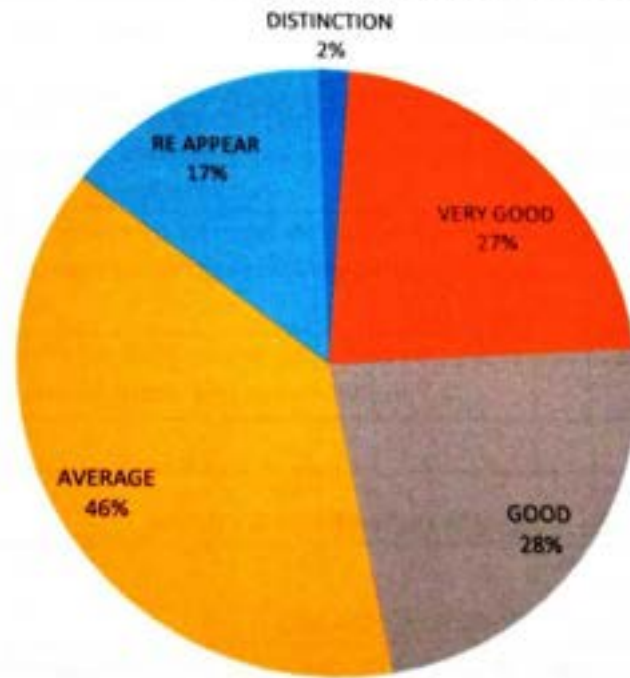
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	0	OUTSTANDING
80-89	0	EXCELLENT
70-79	1	DISTINCTION
60-69	3	VERY GOOD
50-59	14	GOOD
40-49	23	AVERAGE
below 40	9	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
70-79	2%	DISTINCTION
60-69	27%	VERY GOOD
50-59	28%	GOOD
40-49	46%	AVERAGE
below 40	17%	RE-APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 70-79 ■ 60-69 ■ 50-59 ■ 40-49 ■ below 40



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(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and Course outcomes

PROGRAMME OUTCOME (BSc :N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities.

	NAME OF THE PROGRAMME:B.Sc N&D	
COURSE CODE& COURSE TITTLE	COURSE OUTCOME	
	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
ABIMANYU.V	CB18S395161	5	5	5	5	5	25	100
ABITHA.R	CB18S395162	5	5	5	5	5	25	100
AMRUTHA KUMAR	CB18S395163	4	3	4	4	4	19	76
ANUGRAGA THOMAS	CB18S395164	5	5	5	5	5	25	100
ASHA .M	CB18S395165	5	5	5	5	5	25	100
BARATH KUMAR .R	CB18S395166	4	4	4	4	4	20	80
BAVATHARINI .K	CB18S395167	5	4	5	4	5	23	92
BENCY .J	CB18S395168	4	4	4	5	4	21	84
BHUVANESHWARI .P	CB18S395169	5	5	5	5	5	25	100
DEVIKA .M	CB18S395170	5	4	5	5	5	24	96
DIVYABHARATHI .A	CB18S395171	5	5	5	5	5	25	100
GOGULALAKSHMI .R	CB18S395173	5	5	5	5	4	24	96
HADHI JAFRIN LAILA .S	CB18S395174	5	5	5	4	4	23	92
JANAKI .S	CB18S395175	5	5	5	5	5	25	100
JAMILLA GANI .S	CB18S395176	5	5	5	5	5	25	100
JENIFER SHEELA .E	CB18S395177	5	5	5	5	4	24	96
JENSIYA .S	CB18S395178	5	4	4	4	4	21	84
JESINTHA MARY .A	CB18S395179	5	5	5	5	5	25	100
KALAIMAGAL .P	CB18S395180	5	5	4	4	5	23	92
KALIVARTHAN .R	CB18S395181	4	4	4	4	4	20	80
KAVITHA .P	CB18S395182	5	3	3	4	3	18	72
KEETHANA .K	CB18S395183	5	5	5	5	5	25	100
MADHUMATHI .E	CB18S395184	5	5	5	5	5	25	100
MADHUMITHA .L	CB18S395185	5	5	5	5	5	25	100
MAHADEVAN .R.K	CB18S395186	5	4	5	5	5	24	96
MAMPHAJOTHI .G	CB18S395187	5	5	5	5	5	25	100
MANIBHARATHI .G	CB18S395188	4	4	4	4	4	20	80
MOHANAMBAL .S	CB18S395189	5	5	5	5	4	24	96
NANDHINI .M.U	CB18S395191	5	5	5	4	4	23	92



NIVETHA .R	CB18S395192	5	5	5	5	5	25	100
NOORNISHA .S	CB18S395193	5	5	5	5	5	25	100
POONGUZHALI .D	CB18S395194	5	5	5	5	5	25	100
PRIYADHARSHINI .D	CB18S395195	5	4	4	5	5	23	92
PURUSHOTHAMAN .B	CB18S395196	5	5	5	4	5	24	96
RAGAVIN .R	CB18S395197	4	4	4	4	4	20	80
SANTHINI .G	CB18S395198	5	5	5	5	5	25	100
SATHYA .R	CB18S395199	5	5	5	5	5	25	100
SELLAKANNU .T	CB18S395200	5	5	5	5	4	24	96
SHARMILA .M	CB18S395201	5	5	5	5	5	25	100
SNEKA .S	CB18S395202	4	4	4	4	4	20	80
SOBANA .G	CB18S395203	5	5	5	5	4	24	96
SOWMIYA .R	CB18S395204	5	4	4	5	5	23	92
THAMSEELA.A	CB18S395205	5	5	5	5	4	24	96
UDHAYASURIYAN .A	CB18S395206	4	4	4	4	4	20	80
VARSHA .A	CB18S395207	5	4	5	5	5	24	96
VERAMUKIL .C	CB18S395208	4	4	4	4	4	20	80
VIDHYA .P	CB18S395209	5	5	5	5	4	24	96
VIVEKA .T	CB18S395210	5	5	5	5	5	25	100
AVERAGE		4.85	4.64	4.72	4.69	4.62		

Expected attainment in each CO -85%

CO	Int.Exam+ Assignment	End sem	total	%
CO1	4.85	75	79.85	93.94
CO2	4.64	75	79.64	93.69
CO3	4.72	75	79.72	93.79
CO4	4.69	75	79.69	93.75
CO5	4.62	75	79.62	93.67



COURSE ATTAINMENT FOR B.Sc N&D

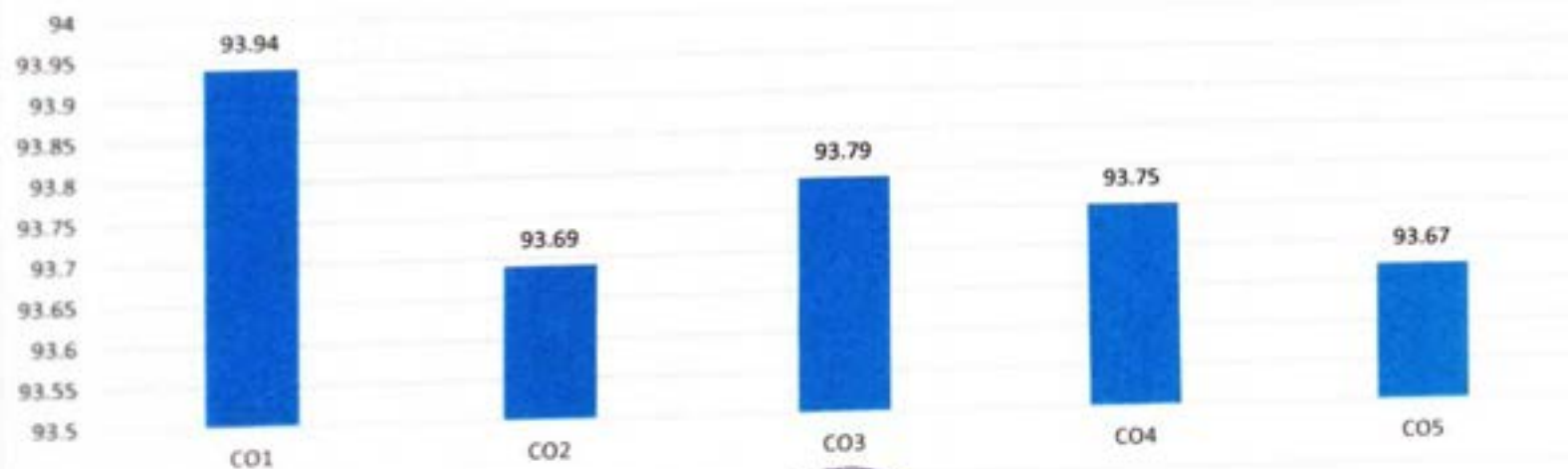
SUBJECT NAME: DIETETICS-I

SUBJECT CODE :16SCND08

NUMBER OF STUDENTS :2148

COURSE OUTCOME	PERCENTAGE ATTAINMENT
CO1	93.94
CO2	93.69
CO3	93.79
CO4	93.75
CO5	93.67

PERCENTAGE ATTAINMENT



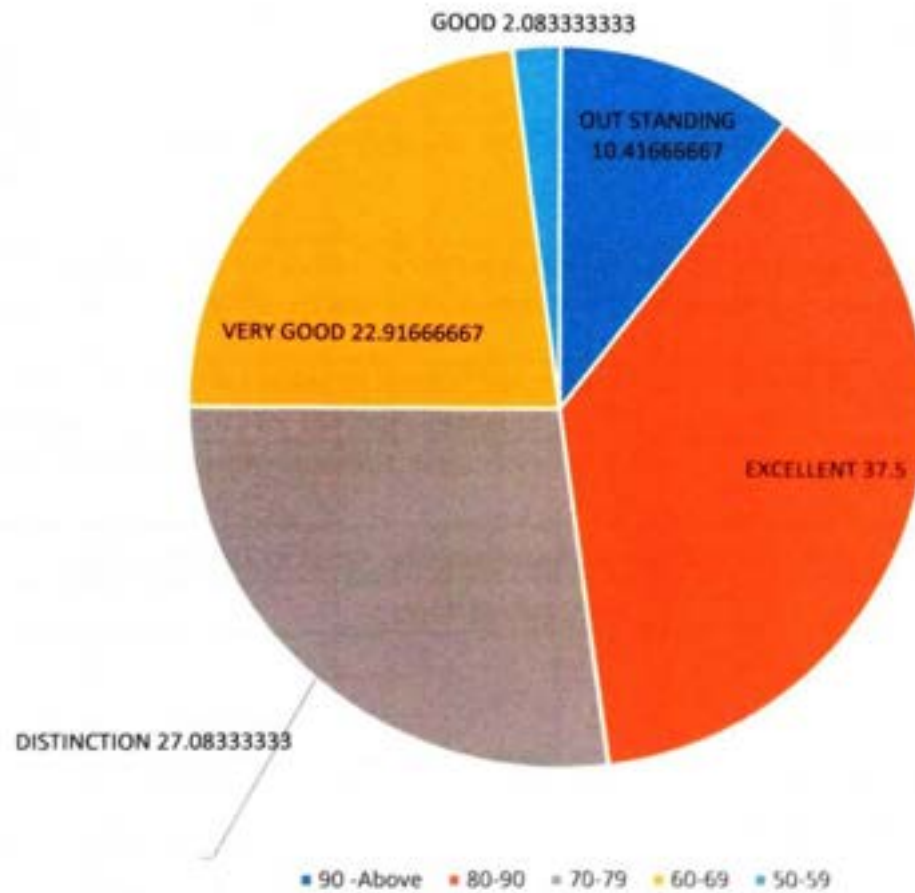
COURSE ATTAINMENT FOR B.Sc N&D**SUBJECT NAME :DIETETICS-I****SUBJECT CODE :16SCCND8****NO OF STUDENTS :48**

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	5	OUT STANDING
80-90	18	EXCELLENT
70-79	13	DISTINCTION
60-69	11	VERY GOOD
50-59	1	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	10.42	OUT STANDING
80-90	37.5	EXCELLENT
70-79	27	DISTINCTION
60-69	23	VERY GOOD
50-59	2	GOOD



COURSE OUTCOME PERCENTAGE




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PG&RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of programme outcomes and course outcomes

Course outcome-programme outcome Mapping.

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE COURSE - FOOD CHEMISTRY(16SACND2)

COURSE OUTCOME		
COURSE CODE & TITLE		
16SACND 3FOOD CHEMISTR Y	CO1	Gain insight into Chemistry of foods
	CO2	Understand the Scientific principles involved in food preparation
	CO3	Develop the scientific attitude of the students towards the principle of food chemistry
	CO4	Study the physico-chemical changes occurring in foods during cooking
	CO5	Study the physio-chemical changes occurring in foods during cooking



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	1	0	0	0
CO2	1	0	1	0	0
CO3	0	1	1	1	1
CO4	1	0	0	0	0
CO5	0	0	0	0	0
Average	3	2	2	1	1

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENTS	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	S.AARTHI	CB20S396303	4	4	4	4	5	24	96
2	A.ABARNA	CB20S396304	4	4	4	3	3	19	76
3	G.AMIRTHAVARSHINI	CB20S396305	4	4	4	4	4	20	80
4	R.ANUSHYA	CB20S396306	5	4	4	4	4	21	84
5	S.ARCHANA	CB20S396307	4	4	3	3	3	19	76
6	M.ARUNKUMAR	CB20S396308	4	4	4	3	3	18	72
7	S.CHARULATHA	CB20S396309	4	4	4	3	3	22	88
8	M.DHANAROJA	CB20S396310	4	4	3	3	3	18	72
9	V.DHIVYADHASHINI	CB20S396311	4	4	3	3	3	18	72
10	G.DHIVYA BHARATHI	CB20S396312	4	4	3	5	4	22	88
11	V.DURGA	CB20S396313	4	4	4	4	4	20	80
12	J.EPSIBHA	CB20S396314	4	4	3	5	4	22	88
13	M.GAYATHRI	CB20S396315	4	4	4	5	4	21	84
14	A.GLOBAN	CB20S396316	4	4	4	4	4	20	80
15	P.HEMA	CB20S396317	4	4	5	5	5	23	92
16	S.JANANI	CB20S396318	4	4	4	4	4	20	80
17	J.JONES ALFRIED	CB20S396319	4	4	4	4	4	20	80
18	K.KAVIYA	CB20S396320	4	4	4	4	4	20	80
19	M.KAVIYA	CB20S395874	4	4	5	5	5	23	92
20	M.S.KEERTHANA	CB20S395875	4	4	4	4	4	20	80
21	R.KIRUTHIGA DEVI	CB20S395876	4	4	4	4	4	20	80
22	S.MAHESHWARAN	CB20S395877	4	4	4	4	5	21	84
23	S.MALIGESWAR GANDHI	CB20S395878	4	4	4	4	4	20	80
24	G.NARMATHA	CB20S395879	4	4	4	4	4	20	80
25	A.NISHA	CB20S395880	4	4	4	4	4	20	80
26	K.NISHANTH	CB20S395881	4	4	4	4	4	20	80
27	B.NISHANTH RAJA	CB20S395882	4	4	4	4	5	21	84
28	G.PRABAVATHI	CB20S395883	4	4	4	4	4	20	80



29	K.PRIYADHARSHINI	CB20S395884	4	4	4	4	4	20	80
30	R.PRIYADHARSHINI	CB20S395885	4	4	4	4	4	20	80
31	N.RAMESH	CB20S395886	4	4	4	4	4	20	80
32	R.REJINA	CB20S395887	4	4	4	4	5	21	84
33	R.REKA	CB20S395888	4	4	5	5	5	22	88
34	L.SANGAVI	CB20S395889	4	4	4	4	4	20	80
35	R.SHANMUGAM	CB20S395890	4	4	4	4	4	20	80
36	B.SUBHA	CB20S395891	4	4	4	4	5	21	84
37	G.SWATHI	CB20S395892	4	4	5	5	4	23	92
38	S.SWETHA	CB20S395893	4	4	4	3	3	19	76
39	S.SWETHA	CB20S395894	4	4	3	4	3	21	84
40	G.THIRUMALAIKUMAR	CB20S395895	4	4	3	4	3	21	84
41	V.S.VAISHNAVI	CB20S395896	4	4	3	4	3	21	84
42	K.VINOTHINI	CB20S395897	4	4	3	4	3	21	84
43	R.YOGA	CB20S395898	4	4	3	3	3	18	72
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Expected attainment in each CO -85%

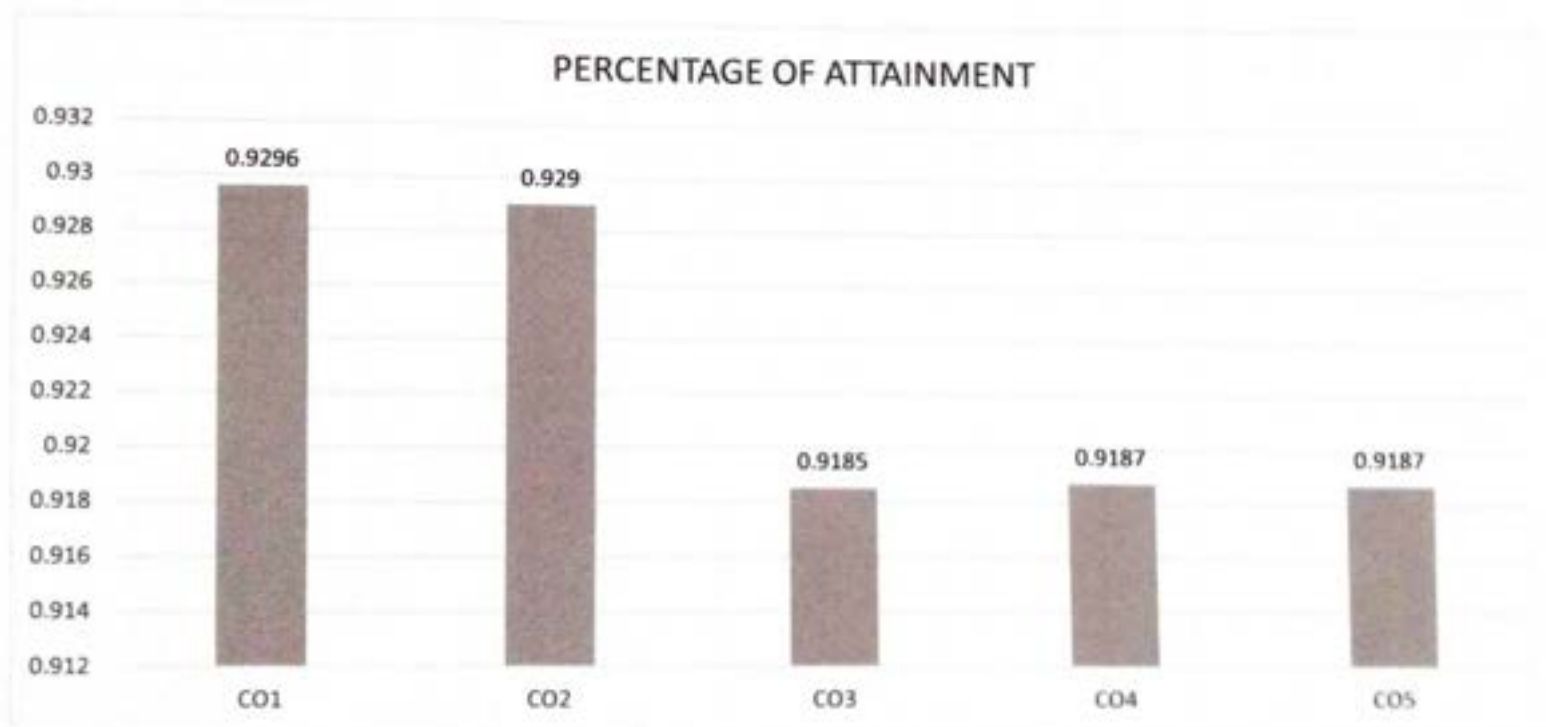
CO	Int.Exam+Assignment	End sem	total	
CO1	4.02	75	79.02	92.96471
CO2	4	75	79	92.94118
CO3	3.8	75	78.08	91.85882
CO4	3.9	75	78.09	91.87059
CO5	3.9	75	78.09	91.87059



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD CHEMISTRY
 SUBJECT CODE : 16SACND2
 NO OF STUDENTS : 43

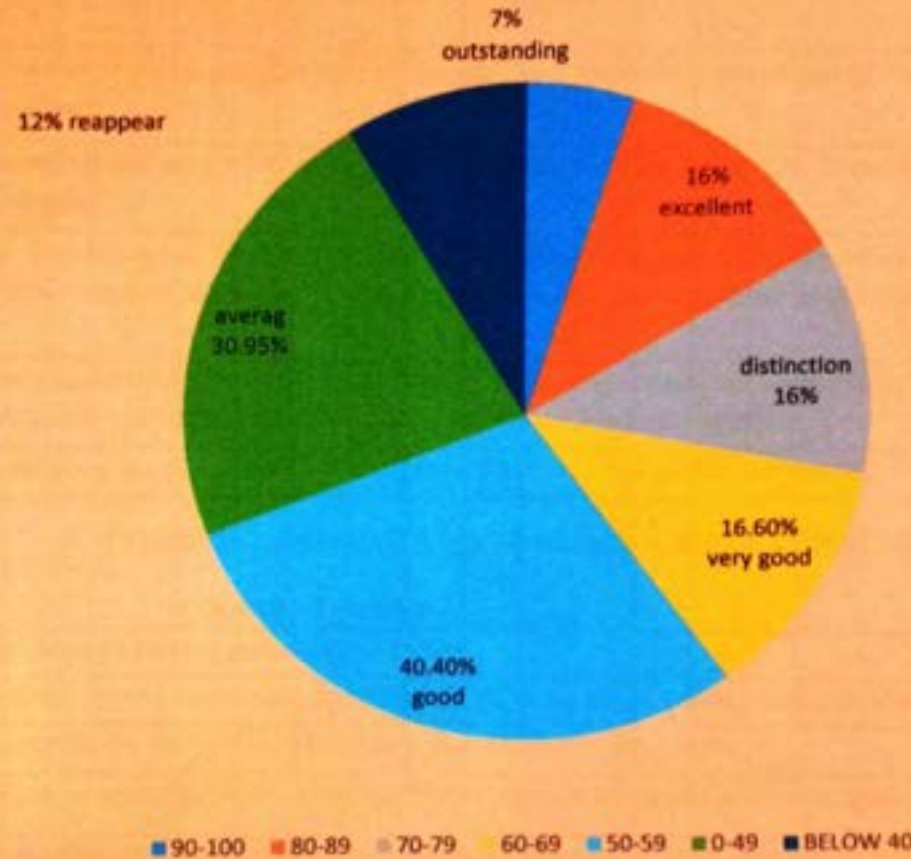
COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.96%
CO2	92.90%
CO3	91.85%
CO4	91.87%
CO5	91.87%



CATEGORY MARKS	NO OF STUDENTS	STATUS
80-89	3	EXCELLENT
70-79	7	DISTINCTIVE
60-69	7	VERY GOOD
50-59	17	GOOD
0-49	13	AVERAGE
BELOW 40	5	REAPPEAR
COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90-100	7%	OUTSTANDING
80-89	16%	EXCELLENT
70-79	16%	DISTINCTION
60-69	16.60%	VERY GOOD
50-59	40.40%	GOOD
0-49	30.95%	AVERAGE
BELOW 40	12%	RE-APPEAR



COURSE OUTCOME IN PERCENTAGE



[Signature]

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Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (B.S.c N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - BAKERY AND CONFECTIONERY (16SCCND7)

COURSE OUTCOME

CO1	Understand the importance of baking and confectionery
CO2	Understand the principles, role of various food components involved in baking and confectionery.
CO3	Develop skills and responsibility for setting up bakery and confectionery units
CO4	Students are able to understand the basic knowledge relating to food safety and principles of preservation
CO5	Students will understand the concept of processing and preservation of fruits and vegetables



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	1	2	0	3	3
CO2	2	0	2	2	3
CO3	2	1	3	2	2
CO4	2	0	2	2	2
CO5	2	0	2	1	3
Average	1.8	0.6	2	2	2.6

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	ABIMANYU.V	CB18S395161	5	5	5	5	5	25	100
2	ABITHA.R	CB18S395162	4	4	4	5	5	22	88
3	AMRUTHA KUMAR	CB18S395163	4	4	4	4	4	20	80
4	ANUGRAGA THOMAS	CB18S395164	5	4	5	5	5	24	96
5	ASHA .M	CB18S395165	5	4	4	4	4	21	84
6	BARATH KUMAR .R	CB18S395166	4	4	4	4	5	21	84
7	BAVATHARINI .K	CB18S395167	5	5	4	4	4	22	88
8	BENCY .J	CB18S395168	5	5	5	4	4	23	92
9	BHUVANESHWARI .P	CB18S395169	5	5	4	4	4	22	88
10	DEVIKA .M	CB18S395170	5	5	5	4	4	23	92
11	DIVYABHARATHI .A	CB18S395171	5	5	5	5	5	25	100
12	GOGULALAKSHMI .R	CB18S395173	4	4	4	5	5	22	88
13	HADHI JAFRIN LAILA .S	CB18S395174	4	4	4	4	4	20	80
14	JANAKI .S	CB18S395175	5	5	5	4	4	23	92
15	JAMILLA GANI .S	CB18S395176	5	5	5	5	5	25	100
16	JENIFER SHEELA .E	CB18S395177	4	4	4	5	5	22	88
17	JENSIYA .S	CB18S395178	4	4	4	4	4	20	80
18	JESINTHA MARY .A	CB18S395179	5	5	5	4	4	23	92
19	KALAIMAGAL .P	CB18S395180	5	4	4	4	4	21	84
20	KALIVARTHAN .R	CB18S395181	4	4	4	4	4	20	80
21	KAVITHA .P	CB18S395182	4	4	4	4	4	20	80
22	KEETHANA .K	CB18S395183	5	4	4	4	4	21	84
23	MADHUMATHI .E	CB18S395184	5	5	4	4	4	22	88
24	MADHUMITHA .L	CB18S395185	5	4	4	4	4	21	84
25	MAHADEVAN .R.K	CB18S395186	4	4	4	3	3	18	72
26	MAMPAJOTHI .G	CB18S395187	5	4	4	4	4	21	84
27	MANIBHARATHI .G	CB18S395188	4	4	4	4	4	20	80
28	MOHANAMBAL .S	CB18S395189	4	4	5	5	4	22	88
29	NANDHINI .M.U	CB18S395191	4	4	4	4	5	21	84
30	NIVETHA .R	CB18S395192	5	5	5	5	5	25	100
31	NOORNISHA .S	CB18S395193	5	5	4	4	5	23	92
32	POONGUZHALI .D	CB18S395194		4	4	5	5	22	88



33	PRIYADHARSHINI .D	CB18S395195	4	4	4	4	4	20	80
34	PURUSHOTHAMAN .B	CB18S395196	5	4	4	4	5	22	88
35	RAGAVIN .R	CB18S395197	4	4	4	4	5	21	84
36	SANTHINI .G	CB18S395198	5	5	5	5	4	24	96
37	SATHYA .R	CB18S395199	4	5	5	5	5	24	96
38	SELLAKANNU .T	CB18S395200	4	4	4	4	4	20	80
39	SHARMILA .M	CB18S395201	5	5	5	5	5	25	100
40	SNEKA .S	CB18S395202	5	5	4	4	4	22	88
41	SOBANA .G	CB18S395203	4	4	4	4	4	20	80
42	SOWMIYA .R	CB18S395204	4	4	4	4	4	20	80
43	THAMSEELA.A	CB18S395205	5	4	4	5	5	23	92
44	UDHAYASURIYAN .A	CB18S395206	4	4	4	4	4	20	80
45	VARSHA .A	CB18S395207	5	5	5	5	5	25	100
46	VERAMUKIL .C	CB18S395208	4	4	4	5	5	22	88
47	VIDHYA .P	CB18S395209	4	4	4	4	4	20	80
48	VIVEKA .T	CB18S395210	4	4	4	5	5	22	88
Average			4.50	4.35	4.29	4.33	4.40		

Expected Attainment in each CO - 85%

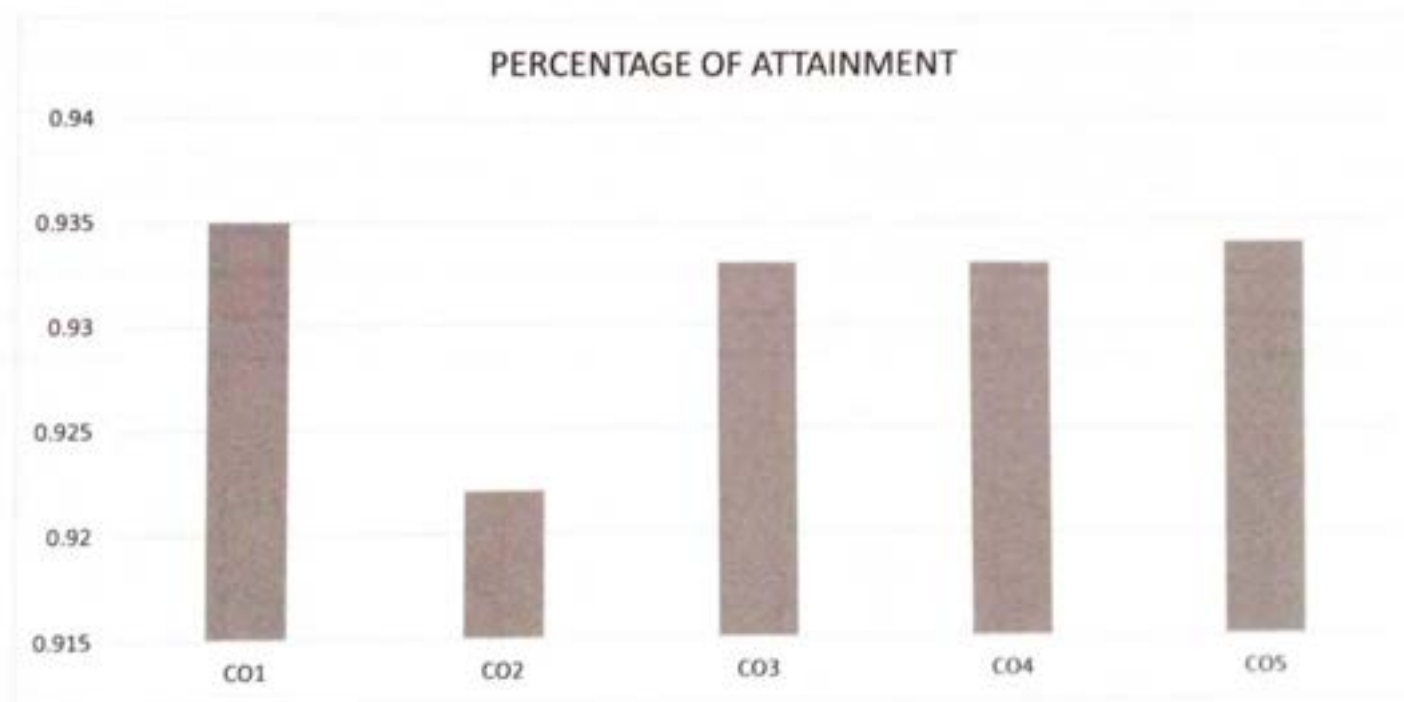
CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.5	75	79.5	93.5
CO2	3.35	75	78.35	92.2
CO3	4.29	75	79.29	93.3
CO4	4.33	75	79.33	93.3
CO5	4.4	75	79.4	93.4



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : BAKERY AND CONFECTIONERY
SUBJECT CODE : 16SCCND7
NO OF STUDENTS : 48

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.50%
CO2	92.20%
CO3	93.30%
CO4	93.30%
CO5	93.40%



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

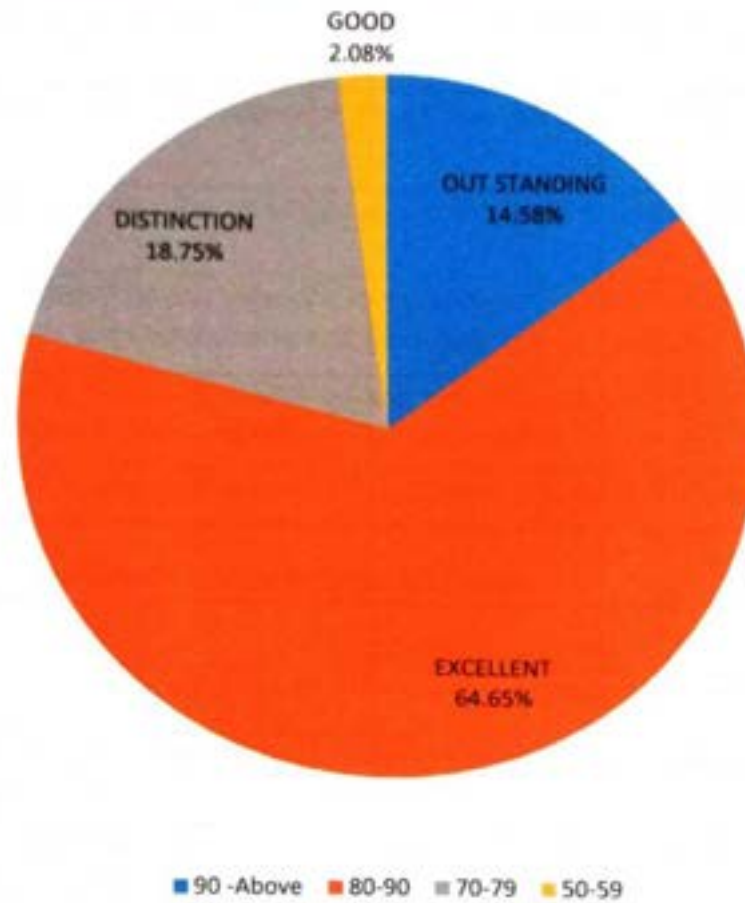
SUBJECT NAME : BAKERY AND CONFECTIONERY
SUBJECT CODE : 16SCCND7
NO OF STUDENTS : 48

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	7	OUT STANDING
80-90	31	EXCELLENT
70-79	9	DISTINCTION
60-69	0	VERY GOOD
50-59	1	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	14.58%	OUT STANDING
80-90	64.58%	EXCELLENT
70-79	18.75%	DISTINCTION
50-59	2.08%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

(BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAM :B.SC N&D

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Gain knowledge about physio – chemical changes in foods.
FOOD STANDARD QUALITY CONTROL (RACSY82F)	CO 2	Gain knowledge on sources, uses, properties and changes in starches, sugars, proteins and browning reactions
	CO 3	Gains knowledge on the importance of quality assurance in food industry
	CO 4	Gain knowledge about proteins in foods, flavour and aroma, Common food adulterants and toxins and enzymes
	CO 5	Thorough knowledge on various tests and quality assessment, using standards for quality assessment and food safety.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	0	0	0	0
CO2	0	0	0	0	0
CO3	1	2	0	0	0
CO4	1	0	0	0	1
CO5	1	0	0	0	3
Average	0.8	0.4	0	0	4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABIMANYU.V	CB18S395161	5	5	5	5	5	25	100
2	ABITHA.R	CB18S395162	4	4	5	5	5	23	92
3	AMRUTHA KUMAR	CB18S395163	4	4	4	4	4	20	80
4	ANUGRAGA THOMAS	CB18S395164	4	4	4	5	5	22	88
5	ASHA .M	CB18S395165	4	4	5	5	5	23	92
6	BARATH KUMAR .R	CB18S395166	4	4	4	4	4	20	80
7	BAVATHARINI .K	CB18S395167	5	4	3	4	3	19	76
8	BENCY .J	CB18S395168	4	4	4	4	4	20	80
9	BHUVANESHWARI .P	CB18S395169	4	4	4	5	5	22	88
10	DEVIKA .M	CB18S395170	4	4	4	4	4	20	80
11	DIVYABHARATHI .A	CB18S395171	5	4	5	5	5	25	100
12	GOGULALAKSHMI .R	CB18S395173	4	4	3	4	3	18	72
13	HADHI JAFRIN LAILA .S	CB18S395174	4	4	3	4	3	18	72
14	JANAKI .S	CB18S395175	4	4	5	5	5	23	92
15	JAMILLA GANI .S	CB18S395176	5	4	5	5	5	24	96
16	JENIFER SHEELA .E	CB18S395177	4	4	4	4	4	20	80
17	JENSIYA .S	CB18S395178	5	4	3	4	3	19	76
18	JESINTHA MARY .A	CB18S395179	5	4	3	4	3	19	76
19	KALAIMAGAL .P	CB18S395180	4	4	4	4	4	20	80
20	KALIVARTHAN .R	CB18S395181	4	4	3	4	3	18	72
21	KAVITHA .P	CB18S395182	5	4	3	4	3	19	76
22	KEETHANA .K	CB18S395183	5	4	3	4	3	19	76
23	MADHUMATHI .E	CB18S395184	4	4	4	4	4	20	80
24	MADHUMITHA .L	CB18S395185	4	4	4	5	5	22	88
25	MAHADEVAN .R.K	CB18S395186	4	4	4	4	4	20	80
26	MAMPHAJOTHI .G	CB18S395187	4	4	4	5	5	22	88
27	MANIBHARATHI .G	CB18S395188	4	4	4	4	4	20	80
28	MOHANAMBAL .S	CB18S395189	5	4	5	5	5	24	96



29	NANDHINI .M.U	CB18S395191	4	4	4	5	5	22	88
30	NIVETHA .R	CB18S395192	5	4	5	5	5	25	100
31	NOORNISHA .S	CB18S395193	5	4	5	5	5	25	100
32	POONGUZHALI .D	CB18S395194	4	4	5	5	5	23	92
33	PRIYADHARSHINI .D	CB18S395195	4	4	4	5	5	22	88
34	PURUSHOTHAMAN .B	CB18S395196	4	4	5	5	5	23	92
35	RAGAVIN .R	CB18S395197	4	4	3	4	3	18	72
36	SANTHINI .G	CB18S395198	5	4	5	5	5	24	96
37	SATHYA .R	CB18S395199	5	4	5	5	5	24	96
38	SELLAKANNU .T	CB18S395200	4	4	4	5	5	22	88
39	SHARMILA .M	CB18S395201	4	4	4	4	4	20	80
40	SNEKA .S	CB18S395202	5	4	5	5	5	24	96
41	SOBANA .G	CB18S395203	4	4	4	4	4	20	80
42	SOWMIYA .R	CB18S395204	4	4	4	4	5	21	84
43	THAMSEELA.A	CB18S395205	5	4	5	5	5	24	96
44	UDHAYASURIYAN .A	CB18S395206	4	4	4	5	5	22	88
45	VARSHA .A	CB18S395207	5	5	5	5	5	25	100
46	VERAMUKIL .C	CB18S395208	4	4	5	5	5	23	92
47	VIDHYA .P	CB18S395209	4	4	4	4	5	21	84
48	VIVEKA .T	CB18S395210	5	4	5	5	5	25	100
			4.354166667	4.041667	4.1875	4.541667	4.395833		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.354167	75	79.354167	87.20238
CO2	4.041667	75	79.041667	86.85897
CO3	4.1875	75	79.1875	87.01923
CO4	4.541667	75	79.541667	87.40843
CO5	4.395833	75	79.395833	87.24817



COURSE ATTAINMENT FOR B.SC :N&D

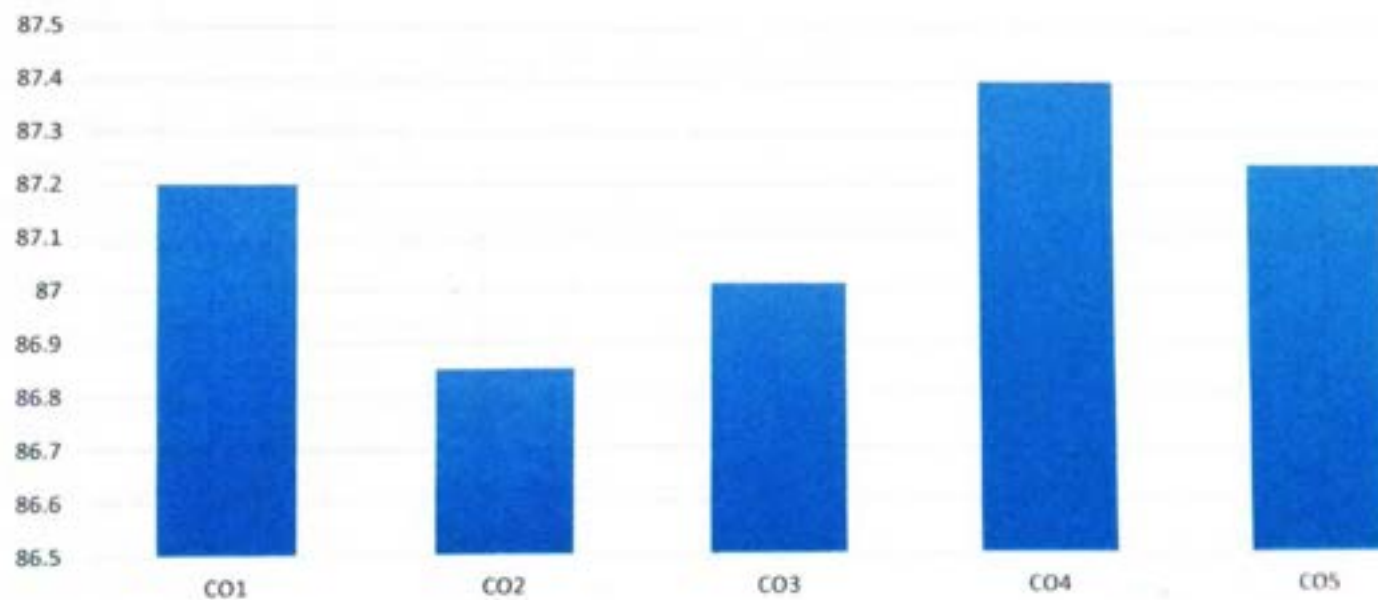
SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMBN31

NO OF STUDENTS : 48

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	87.2
CO2	86.85
CO3	87.01
CO4	87.4
CO5	87.24

PERCENTAGE OF ATTAINMENT



SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMEND1

NO OF STUDENTS : 48

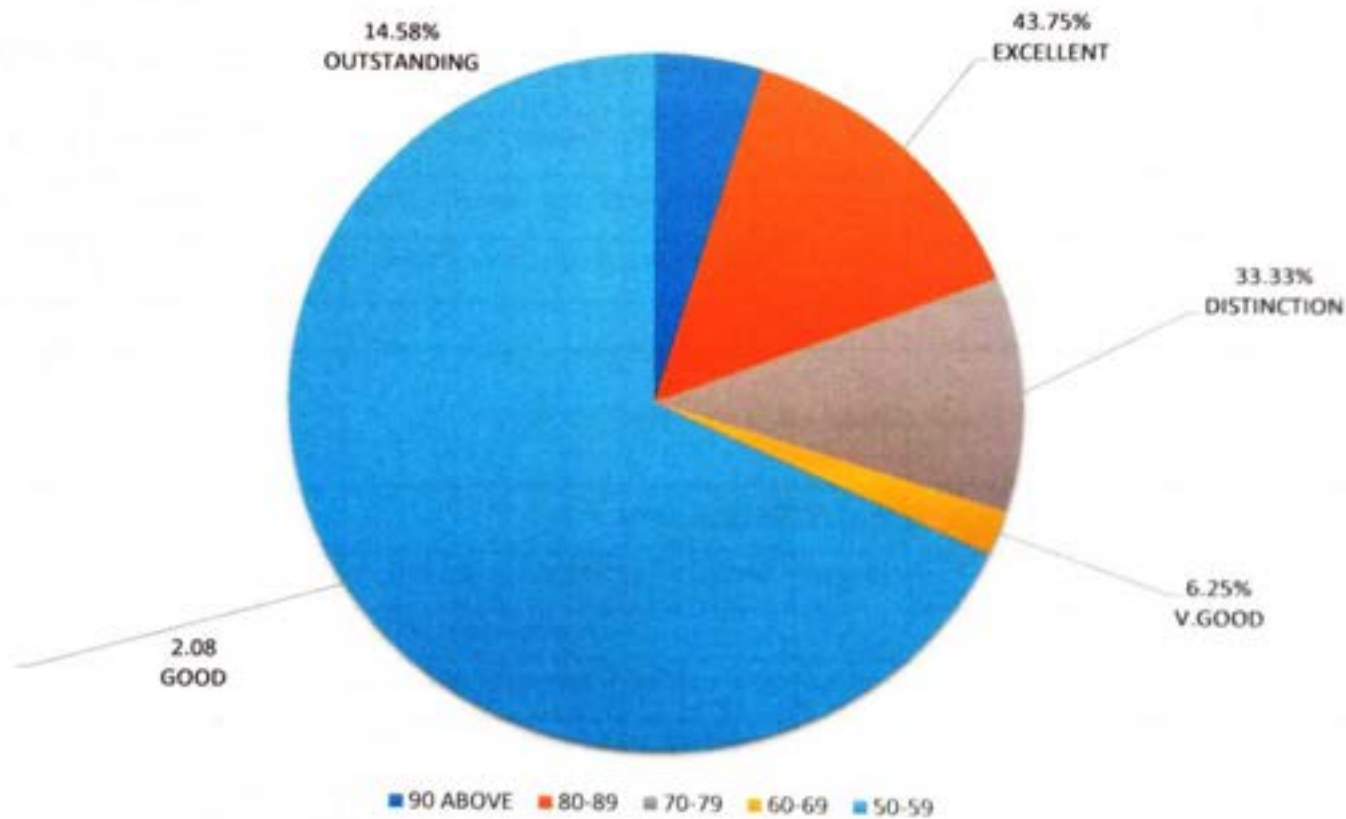
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	7	OUTSTANDING
80-89	21	EXCELLENT
70-79	16	DISTINCTION
60-69	3	V.GOOD
50-59	1	GOOD
40-49	0	AVERAGE
BELOW40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
90 ABOVE	14.58%	OUTSTANDING
80-89	43.75%	EXCELLENT
70-79	33.33%	DISTINCTION
60-69	6.25%	V.GOOD
50-59	2.08	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE	NAME OF THE PROGRAMME: MSc FSMD	
P16FSE3 COUNSELLING SKILLS	COURSE OUTCOME	
	CO 1	Understand the principles and procedures of nutrition counselling
	CO 2	Understand the role of the counsellor
	CO 3	Develop an understanding in lifestyles in influence on health and well-being
	CO 4	Effects of acute and chronic diseases on the emotional and psychological state.
	CO 5	Understand the behaviour of the individuals .



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	0	2	2	3
CO2	0	3	2	2	3
CO3	3	3	3	2	2
CO4	3	3	2	3	1
CO5	3	3	3	2	3
Average	2.2	2.4	2.4	2.2	2.4

Internal Examination Mark Distribution for each course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AASIMA ANSARI .T	P19450101	5	4	4	5	5	23	92
2	ABARNA.A	P19450102	4	4	4	4	4	20	80
3	DEVA ROOSVELT	P19450104	4	4	4	4	4	20	80
4	DEVADHASHINI.R	P19450105	4	4	4	4	4	20	80
5	DHARANYA.K	P19450106	4	4	4	4	5	21	84
6	DINESH KUMAR.M	P19450107	4	4	4	4	4	20	80
7	HAJI MOHAMMED.M	P19450108	4	4	4	4	4	20	80
8	JANAKIPRIYA.R	P19450109	5	5	5	5	5	25	100
9	JESSY MARGARET.J	P19450110	4	5	5	4	4	22	88
10	KOWSIKA.A	P19450111	4	4	4	4	5	22	88
11	MAGESWARI.G	P19450112	4	4	4	4	4	20	80
12	MONIKA.R	P19450114	4	4	4	4	4	20	80
13	NANDHINI.M	P19450115	4	5	5	5	4	23	92
14	SANGEETHA.S	P19450116	4	4	4	4	4	20	80
15	SHAHIN BANU.A	P19450117	5	5	5	5	4	24	96
16	SUGUNA.T	P19450118	4	5	4	4	4	21	84
	AVERAGE		4.1875	4.3125	4.25	4.25	4.25		

Expected attainment in each CO -85%

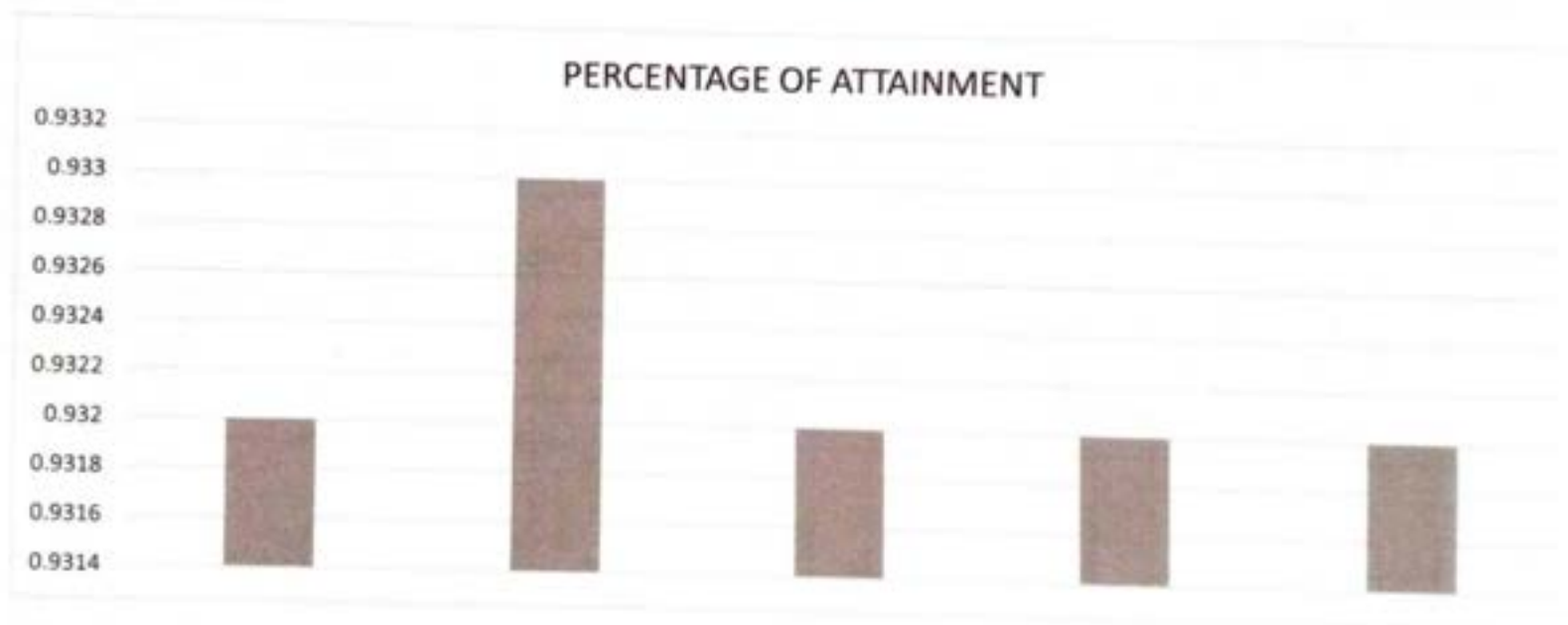
CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.18	75	79.18	93.15294
CO2	4.31	75	79.31	93.30588
CO3	4.25	75	79.25	93.23529
CO4	4.25	75	79.25	93.23529
CO5	4.25	75	79.25	93.23529



COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : COUNSELLING SKILLS
SUBJECT CODE : P16FSE5
NO OF STUDENTS : 16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.20%
CO2	93.30%
CO3	93.20%
CO4	93.20%
CO5	93.20%



COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : COUNSELLING SKILLS

SUBJECT CODE : P16FSE5

NO OF STUDENTS : 16

COURSE OUTCOME ASSESSMENT

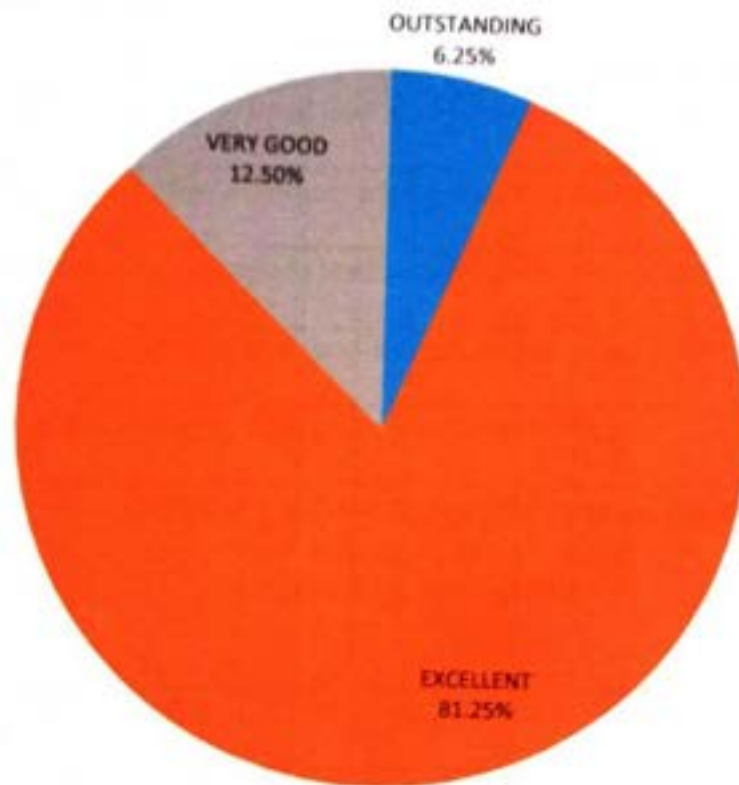
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	1	OUT STANDING
80-89	13	EXCELLENT
70-79	2	VERY GOOD
60-69	0	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	6.25%	OUT STANDING
80-89	81.25%	EXCELLENT
70-79	12.50%	VERY GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 -Above ■ 80-89 ■ 70-79



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

(UGC Recognized 2(f) & 12(b) Institution)

PG & RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME- M.Sc FSMD

COURSE OUTCOME

COURSE CODE&TITLE	CO 1	Gain knowledge on source and properties of food
P16FS13 ADVANCE FOOD SCIENCE	CO 2	Develop skills to judge the quality of cooked foods
	CO 3	Understand the principles and chemistry of foods.
	CO 4	Apply the principles while preparing and cooking
	CO 5	Comprehend knowledge on the characteristics and properties of foods in cooking process



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	0
CO2	0	3	1	1	1
CO3	1	2	1	1	1
CO4	0	2	0	0	0
CO5	0	3	0	0	0
AVERAGE	0.20	2.6	0.4	0.4	0.4

Internal Examination Mark Distribution for each course outcome

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



S.NO	REG. NO	STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	P20453401	N.AVANYA RAMKUMARI	5	5	5	5	4	25	100
2	P20453402	S.ARAVIND	5	5	5	5	5	23	92
3	P20453403	A.AWLIN SERABIA	5	5	5	5	5	25	100
4	P20453404	V.BHUVANESWARI	5	5	5	5	5	25	100
5	P20453405	U.DIVYA	5	5	5	5	5	23	92
6	P20453406	M.EZHIL	5	5	5	4	5	24	96
7	P20453407	S.INIYASREE	5	5	5	5	5	25	100
8	P20453408	L.KARTHIK PRIYA	5	5	5	5	5	23	92
9	P20453409	N.KEERTHIKA	4	4	4	4	4	24	96
10	P20453410	N.NASIMA	5	5	5	5	4	21	84
11	P20453411	V.PARANTHAKA CHOLAN	5	5	5	5	5	24	96
12	P20453412	K.PAVITHRA	5	5	5	5	5	24	96
13	P20453413	K.PRATHIBA	5	5	5	5	5	23	92
14	P20453414	M.SAFRIN ROSE	5	5	5	5	5	25	100
15	P20453416	M.SETHUMADHAVAN	4	5	4	5	4	21	84
16	P20453417	M.SUNDARAVENIL	5	5	5	5	5	25	100
AVERAGE			4.88	4.94	4.88	4.88	4.75		

Expected attainment in each CO -85%				
CO	Exam+Assignm	End sem	total	%
CO1	4.88	75	79.88	94.0
CO2	4.94	75	79.94	94.0
CO3	4.88	75	79.88	94.0
CO4	4.88	75	79.88	94.0
CO5	4.75	75	79.75	93.8



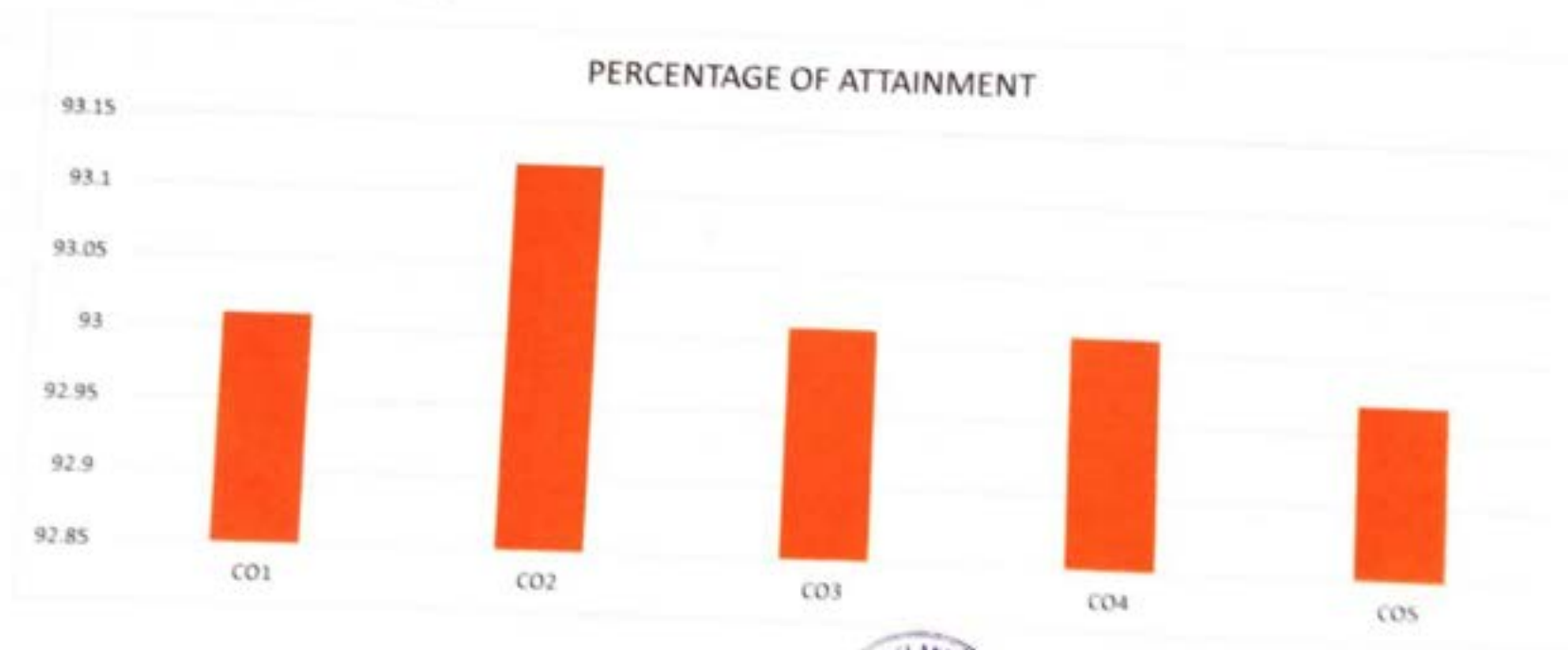
COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

SUBJECT CODE :P16FS11

NO.OF STUDENTS:16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94
CO2	94
CO3	94
CO4	94
CO5	93.8



COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : ADVANCED FOOD SCIENCE
SUBJECT CODE : P16FS11
NO OF STUDENTS : 16

COURSE OUTCOME ASSESSMENT

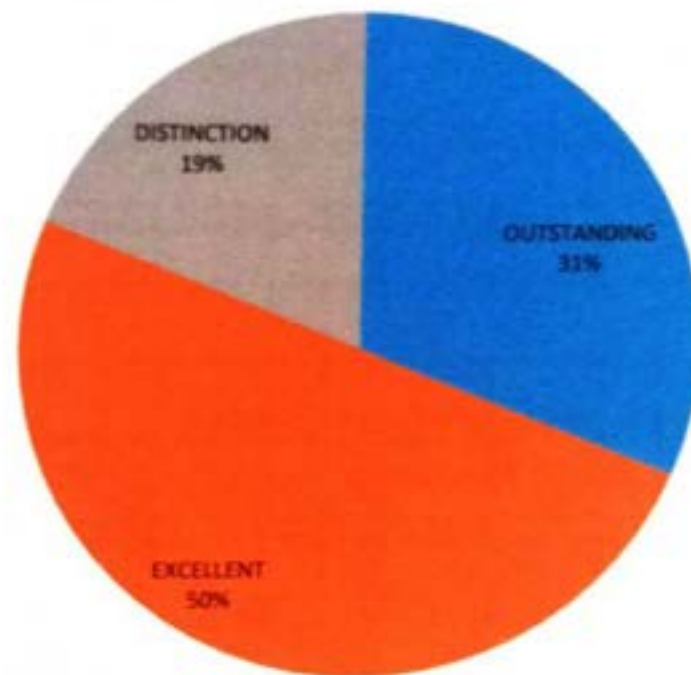
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	5	OUTSTANDING
80-89	8	EXCELLENT
70-79	3	VERY GOOD
60-69	0	GOOD
50-59	0	AVERAGE
below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
90 and above (100)	31%	OUTSTANDING
80-89	50%	EXCELLENT
70-79	19%	DISTINCTION



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 and above (100) ■ 80-89 ■ 70-79



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and Course outcomes

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITTLE	NAME OF THE PROGRAMME:M.Sc :FSMD	
	COURSE OUTCOME	
P16FS21 DIETETICS	CO 1	Learn, analyse and apply the nutrition care process and therapeutic dietary approach
	CO 2	Understand the aetiology, physiologic and metabolic anomalies of acute and chronic diseases and patient needs
	CO 3	Know the effect of various diseases on nutritional status and nutritional and dietary requirements.
	CO 4	Develop aptitude for taking up dietetics as a profession
	CO 5	Develop capacity and aptitude for taking up dietetics as a profession



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
N.AVANYA RAMKUMARI	P20453401	5	5	5	5	4	24	96
S.ARAVIND	P20453402	4	4	4	4	4	20	80
A.AWLIN SERABIA	P20453403	5	5	5	5	5	25	100
V.BHUVANESWARI	P20453404	5	5	5	5	5	25	100
U.DIVYA	P20453405	5	5	5	5	4	24	96
S.INIYASREE	P20453407	4	4	4	4	4	20	80
L.KARTHIK PRIYA	P20453408	4	4	4	4	4	20	80
N.KEERTHIKA	P20453409	4	4	4	4	4	20	80
N.NASIMA	P20453410	4	4	4	4	4	20	80
V.PARANTHAKA CHOLAN	P20453411	4	4	4	4	4	20	80
K.PAVITHRA	P20453412	5	5	4	4	4	22	88
K.PRATHIBA	P20453413	4	4	4	4	4	20	80
M.SAFRIN ROSE	P20453414	5	5	5	5	5	25	100
M.SETHUMADHAVAN	P20453416	5	4	4	4	5	22	88
M.SUNDARAVENIL	P20453417	5	5	5	5	5	25	100
AVERAGE		4.53	4.47	4.40	4.40	4.33		



Expected attainment in each CO -85%				
CO	Int.Exam+ Assignment	End sem	Total	%
CO1	4.53	75	79.53	93.56
CO2	4.47	75	79.47	93.49
CO3	4.4	75	79.4	93.41
CO4	4.4	75	79.4	93.41
CO5	4.33	75	79.33	93.33

COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME: DIETETICS

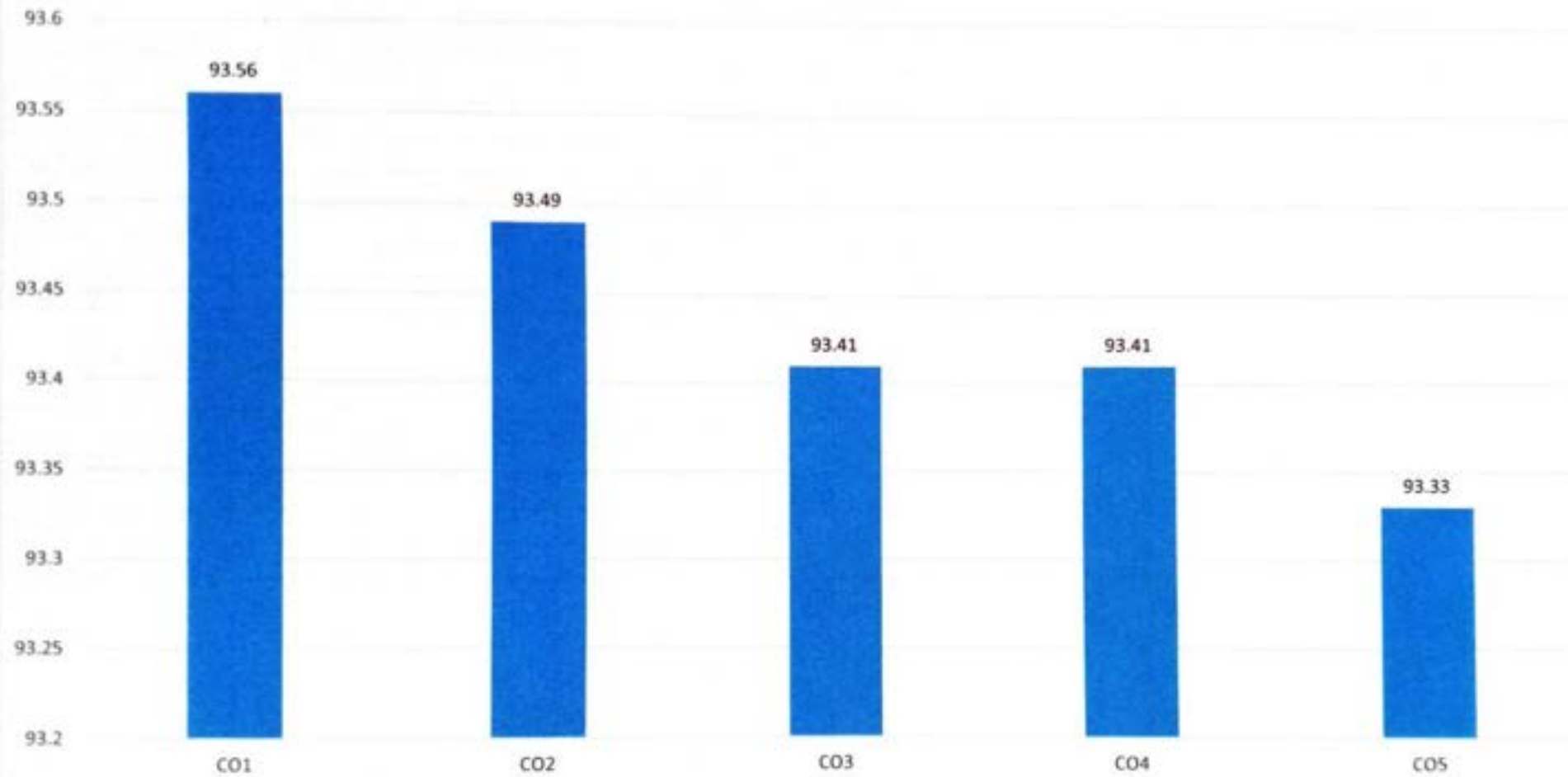
SUBJECT CODE :P16FS21

NUMBER OF STUDENTS :15

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.56
CO2	93.49
CO3	93.41
CO4	93.41
CO5	93.33



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME :DIETETICS
SUBJECT CODE : P16FS21
NO OF STUDENTS :15

COURSE OUTCOME ASSESSMENT

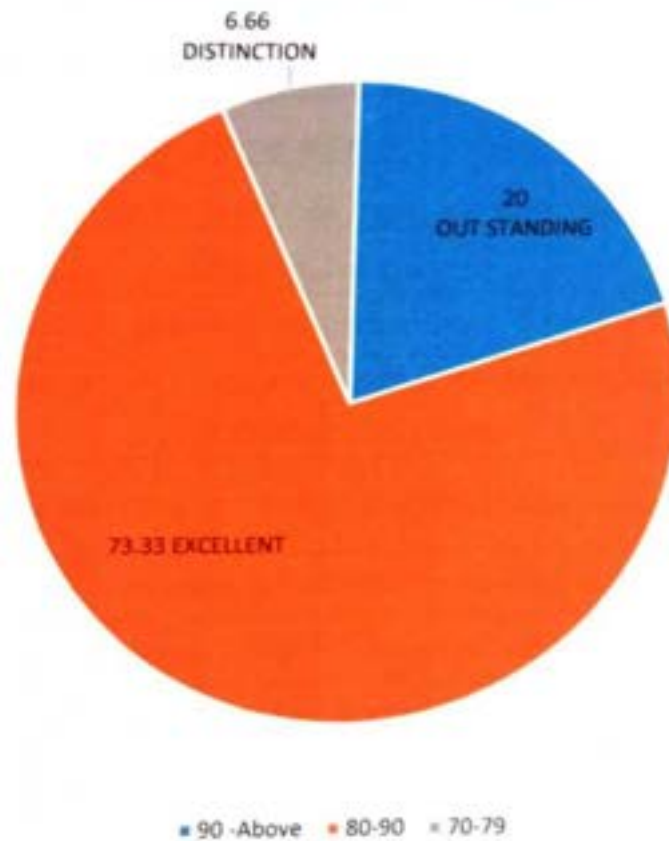
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	3	OUT STANDING
80-90	11	EXCELLENT
70-79	1	DISTINCTION
60-69	0	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE

CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	20	OUT STANDING
80-90	73.33	EXCELLENT
70-79	6.66	DISTINCTION



COURSE OUTCOME PERCENTAGE



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UGC Recognized (12f) (12b) Institution

Affiliated Bharadhidasan University, Tiruchirapalli.

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE COURSE- CLINICAL BIOCHEMISTRY

COURSE OUTCOME

COURSE CODE&TITLE		
	CO 1	Understand the metabolism of the nutrients and the associated diseases
P16FS13 CLINICAL BIOCHEMISTRY	CO 2	Know the organ specific function tests associated with the disease
	CO 3	Comprehend the role of hormone in health.
	CO 4	Understand the diferent evaluation of organ function tests.
	CO 5	Obtain knowledge on different disorders in human body.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	1	13	2	1	4

Internal Examination Mark Distribution for each course outcome			
CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	N.AVANYA RAMKUMARI	P20453401	5	5	5	5	4	24	96
2	S.ARAVIND	P20453402	5	5	5	5	5	25	100
3	A.AWLIN SERABIA	P20453403	5	5	5	5		5	20
4	V.BHUVANESWARI	P20453404	5	5	5	5	5	25	100
5	U.DIVYA	P20453405	5	5	5	5	5	25	100
6	M.EZHIL	P20453406	5	5	5	5	4	24	96
7	S.INIYASREE	P20453407	5	5	5	5	5	25	100
8	L.KARTHIK PRIYA	P20453408	5	5	5	5	5	25	100
9	N.KEERTHIKA	P20453409	4	5	4	4	4	23	92
10	N.NASIMA	P20453410	5	5	5	5	4	24	96
11	V.PARANTHAKA CHOLAN	P20453411	5	5	5	5	5	25	100
12	K.PAVITHRA	P20453412	5	5	5	5	5	25	100
13	K.PRATHIBA	P20453413	5	5	5	5	5	25	100
14	M.SAFRIN ROSE	P20453414	5	5	5	5	5	25	100
15	M.SETHUMADHAVAN	P20453416	4	4	5	5	4	22	88
16	M.SUNDARAVENIL	P20453417	5	5	5	5	5	25	100
			4.875	4.9375	4.9375	4.9375	4.666667		

Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.8	75	79.8	93.88235
CO2	4.9	75	79.9	94
CO3	4.9	75	79.9	94
CO4	4.9	75	79.9	94
CO5	4.6	75	79.6	93.64706

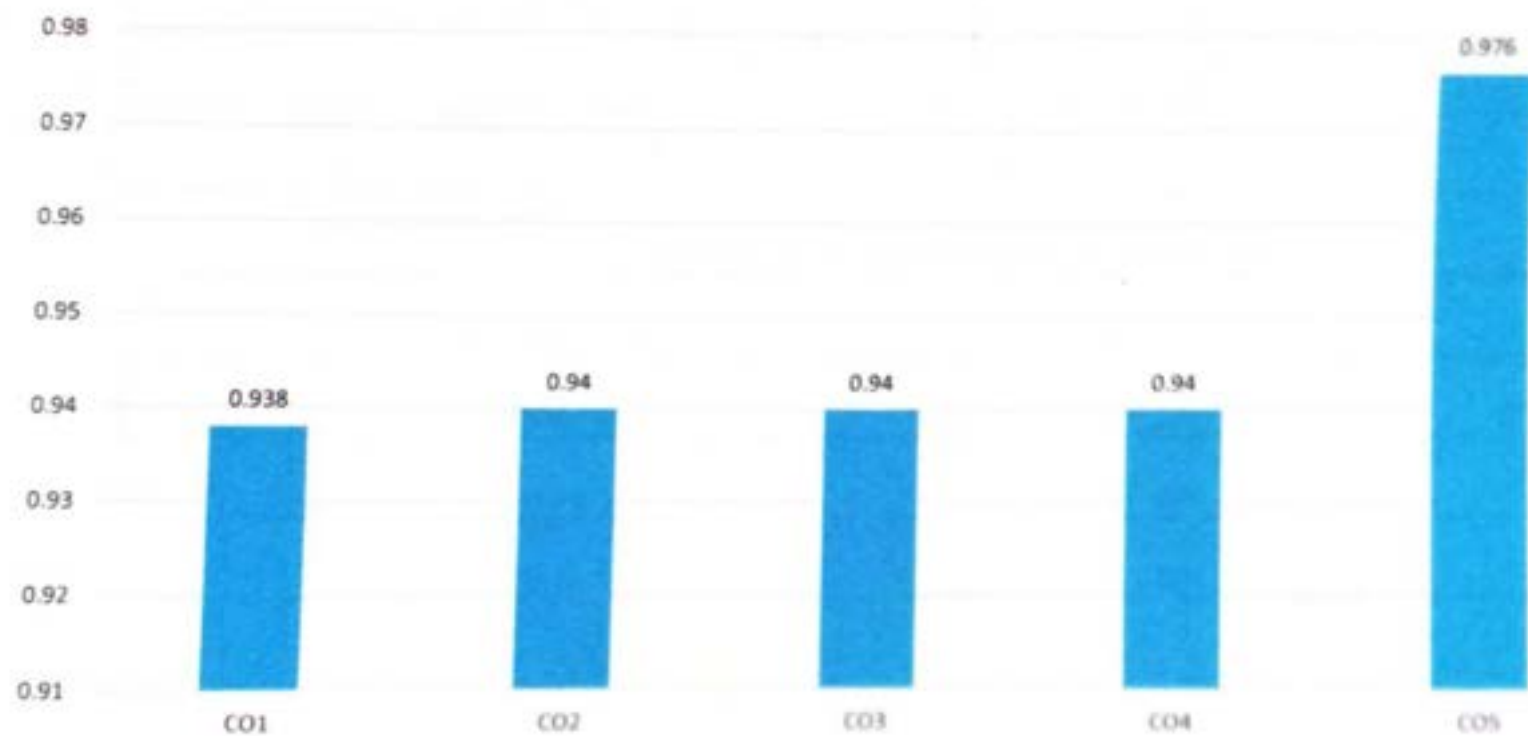
COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
 SUBJECT CODE : P16FS13
 NO OF STUDENTS : 16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.80%
CO2	94.00%
CO3	94.00%
CO4	94.00%
CO5	97.60%



PERCENTAGE ATTAINMENT

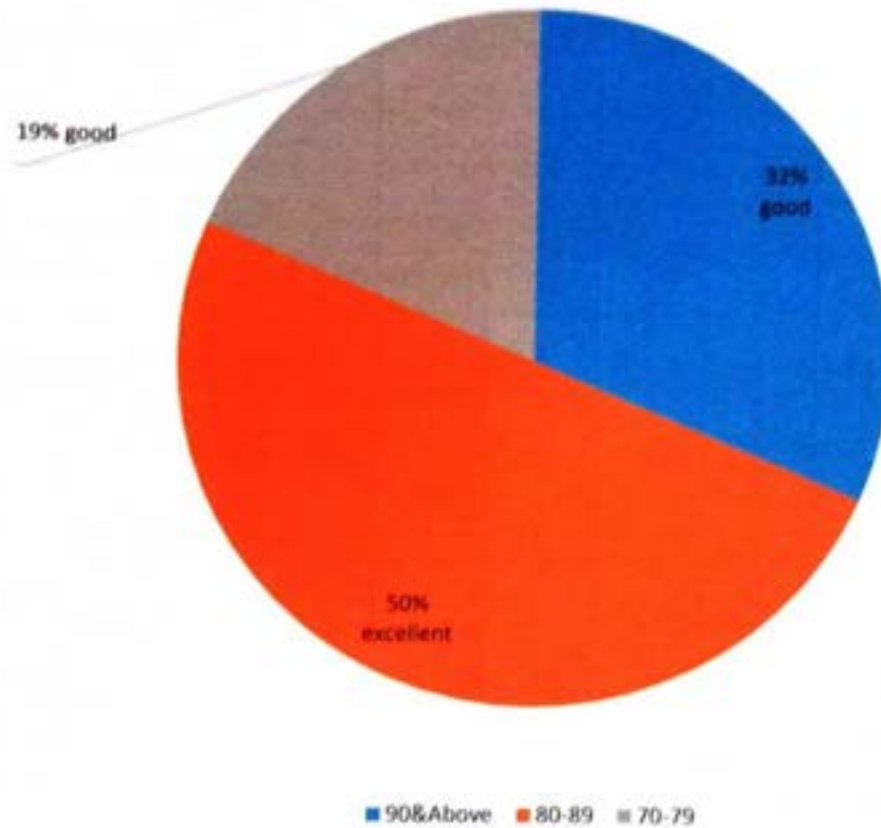


CATEGORY MARKS	NO OF STUDENTS	STATUS
90 -Above	5	OUT STANDING
80-89	8	EXCELLENT
70-79	3	VERY GOOD

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90&Above	32%	OUT STANDING
80-89	50%	EXCELLENT
70-79	19%	GOOD



COURSE OUTCOME IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (M.S.c FSMD)

PO1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO3	Capable to develop and evaluate unique health food products to foster healthy society.
PO4	Manage and administrate dietaries and food service outlets effectively
PO5	Become a successful professional, entrepreneur and researcher.

COURSE - QUANTITY FOOD PRODUCTION AND SERVICE

Course Code & Course Title	COURSE OUTCOME	
P16FS31 Quantity food production and service	CO1	Gain knowledge in menu planning, large scale food production and service.
	CO2	Manage the mass production of cuisines and beverages.
	CO3	Know the different types of food service techniques
	CO4	Learn aspects on quantity production and quality control
	CO5	Gain knowledge on standardization of recipes.



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	3	3
CO2	2	0	2	3	3
CO3	2	1	1	3	3
CO4	2	0	3	3	3
CO5	2	0	2	1	3
Average	1.6	0.2	2.6	2.6	3

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	AASIMA ANSARI .T	P19450101	5	5	5	5	4	24	96
2	ABARNA.A	P19450102	5	5	5	5	5	25	100
3	DEVA ROOSVELT	P19450104	4	4	4	4	4	20	80
4	DEVADHASHINI.R	P19450105	4	5	5	5	5	24	96
5	DHARANYA.K	P19450106	5	5	5	5	5	25	100
6	DINESH KUMAR.M	P19450107	4	5	4	4	4	21	84
7	HAJI MOHAMMED.M	P19450108	4	4	4	4	4	20	80
8	JANAKIPRIYA.R	P19450109	5	5	5	5	5	25	100
9	JESSY MARGARET.J	P19450110	4	5	5	5	5	24	96
10	KOWSIKA.A	P19450111	5	5	5	5	4	24	96
11	MAGESWARI.G	P19450112	4	4	5	5	5	23	92
12	MONIKA.R	P19450114	5	5	5	5	5	25	100
13	NANDHINI.M	P19450115	5	5	5	5	5	25	100
14	SANGEETHA.S	P19450116	4	5	5	5	5	24	96
15	SHAHIN BANU.A	P19450117	4	5	5	5	5	24	96
16	SUGUNA.T	P19450118	5	5	5	5	4	24	96
Average			4.50	4.81	4.81	4.81	4.63		



Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.5	75	79.5	93.5
CO2	4.81	75	79.81	93.9
CO3	4.81	75	79.81	93.9
CO4	4.81	75	79.81	93.9
CO5	4.63	75	79.63	93.7

COURSE ATTAINMENT FOR MSc FSMD

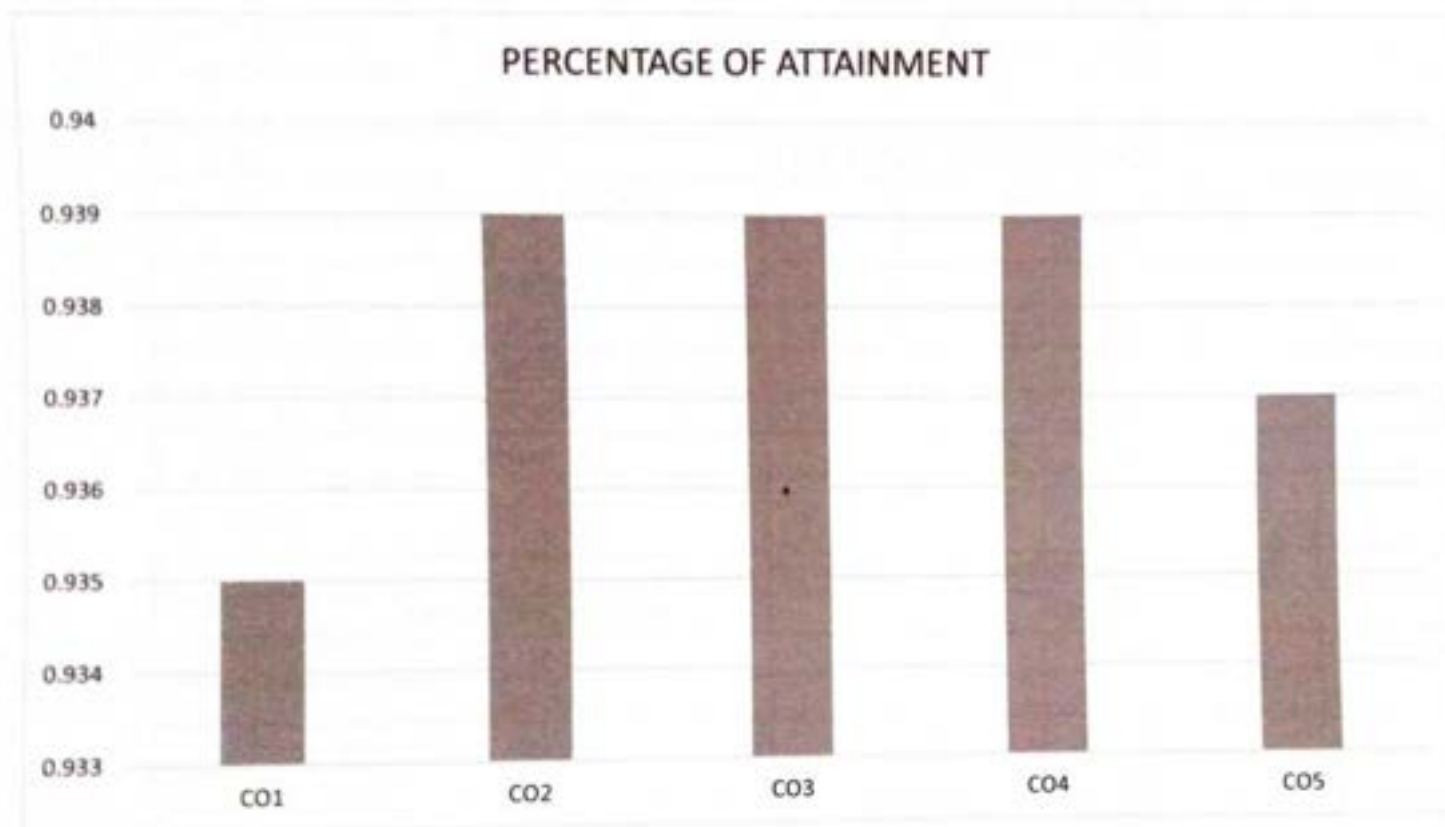
SUBJECT NAME : QUANTITY FOOD PRODUCTION AND SERVICE

SUBJECT CODE : P16FS31

NO OF STUDENTS : 16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.50%
CO2	93.90%
CO3	93.90%
CO4	93.90%
CO5	93.70%





COURSE ATTAINMENT FOR MSc FSMD

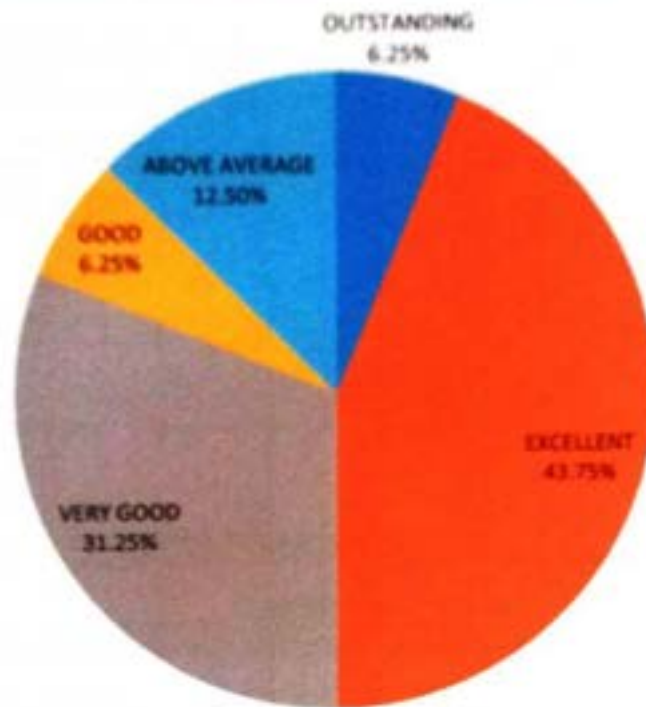
SUBJECT NAME : QUANTITY FOOD PRODUCTION AND SERVICE
SUBJECT CODE : P16FS31
NO OF STUDENTS : 16

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	1	OUT STANDING
80-89	7	EXCELLENT
70-79	5	VERY GOOD
60-69	1	GOOD
50-59	2	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	6.25%	OUT STANDING
80-89	43.75%	EXCELLENT
70-79	31.25%	VERY GOOD
60-69	6.25%	GOOD
50-59	12.50%	ABOVE AVERAGE



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 -Above ■ 80-89 ■ 70-79 ■ 60-69 ■ 50-59



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PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAM :M.SC FSMD

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
FOOD PRODUCT DEVELOPMENT(P16FSE4)	CO 1	Provide a platform to undertake innovative research for new product development
	CO 2	Understand the applications of food service operations, dietetics, food chemistry
	CO 3	Gain knowledge on Recipe development
	CO 4	Develop integrated problem-solving competency and establish as scientists, research associates, food assurance officers and independent entrepreneurs
	CO 5	Competent to pursue career in the fields of hospitality service industry, food industry and health care sector



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	0	2
CO2	3	3	0	2	0
CO3	0	0	0	0	3
CO4	0	0	0	0	1
CO5	3	1	1	3	3
Average	1.2	0.8	0.2	1	1.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AASIMA ANSARI .T	P19450101	4	4	5	5	5	23	92
2	ABARNA.A	P19450102	5	5	4	5	5	24	96
3	DEVA ROOSVELT	P19450104	4	4	4	4	4	20	80
4	DEVADHASHINI.R	P19450105	5	5	4	5	5	24	96
5	DHARANYA.K	P19450106	5	5	5	5	5	25	100
6	DINESH KUMAR.M	P19450107	4	4	4	4	5	21	84
7	HAJI MOHAMMED.M	P19450108	4	4	4	4	5	21	84
8	JANAKIPRIYA.R	P19450109	5	5	5	5	5	25	100
9	JESSY MARGARET.J	P19450110	4	4	5	5	5	23	92
10	KOWSIKA.A	P19450111	5	5	5	5	5	25	100
11	MAGESWARI.G	P19450112	4	4	5	5	5	23	92
12	MONIKA	P19450114	5	5	5	5	5	25	100
13	NANDHINI.M	P19450115	5	5	5	5	5	25	100
14	SANGEETHA.S	P19450116	4	4	5	5	5	23	92
15	SHAHIN BANU.A	P19450117	4	4	5	5	5	23	92
16	SUGUNA.T	P19450118	5	5	4	5	5	24	96
			4.5	4.5	4.625	4.8125	4.9375		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.5	75	79.5	93.52941
CO2	4.5	75	79.5	93.52941
CO3	4.562	75	79.562	93.60235
CO4	4.8125	75	79.8125	93.89706
CO5	4.9375	75	79.9375	94.04412

COURSE ATTAINMENT FOR M.SC :FSMD

SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

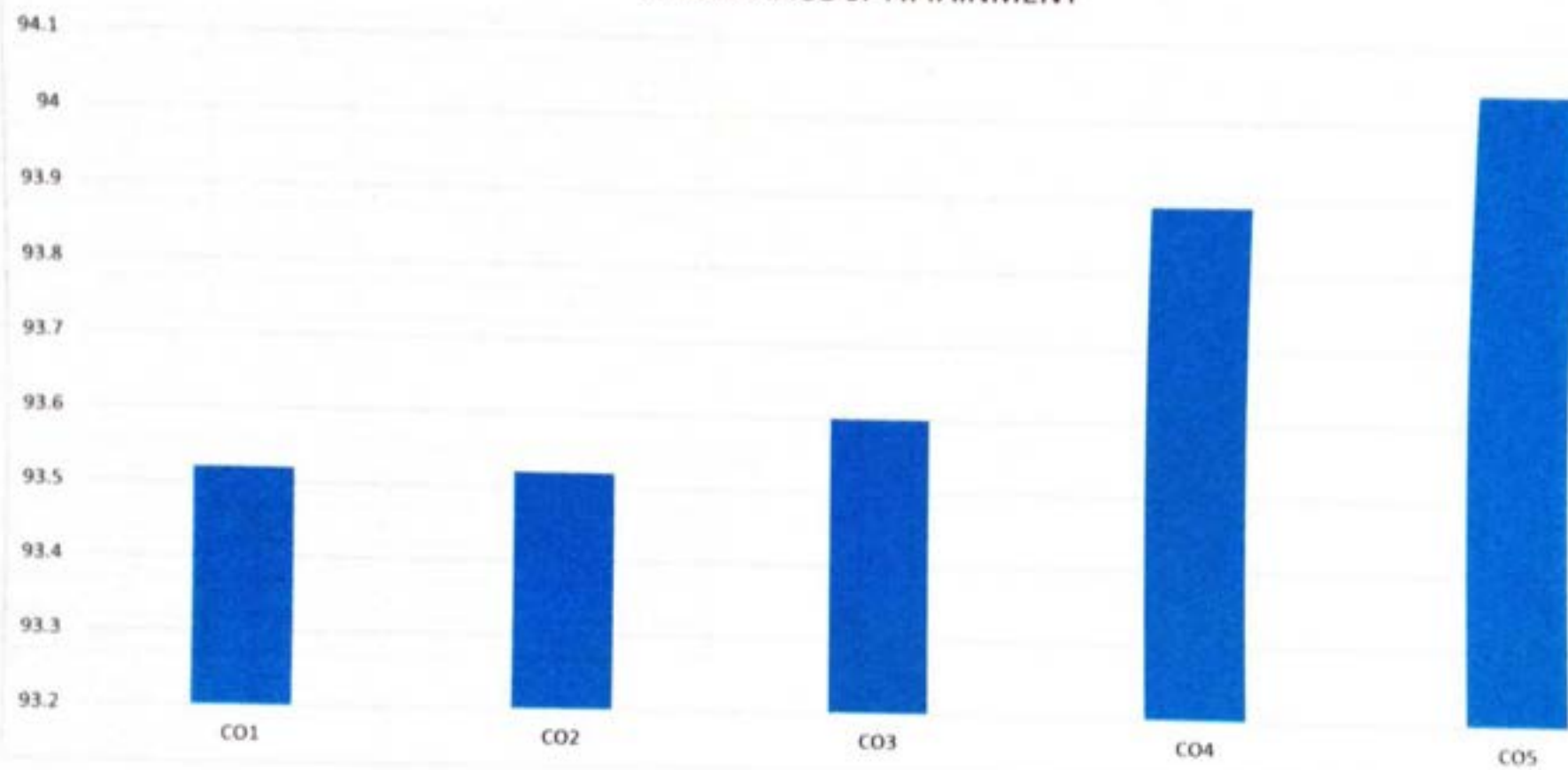
SUBJECT CODE : P16FSE4

NO OF STUDENTS : 16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.52
CO2	93.52
CO3	93.6
CO4	93.89
CO5	94.04



PERCENTAGE OF ATTAINMENT



SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 16

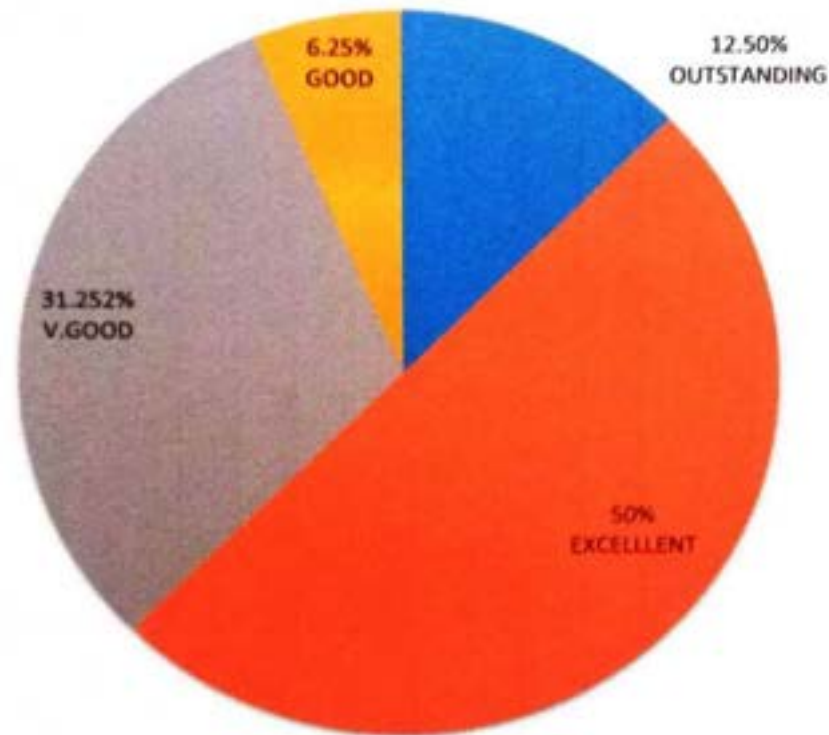
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	2	OUTSTANDING
80-89	8	EXCELLENT
70-79	5	V.GOOD
60-69	1	GOOD
50-59	0	ABOVE AVERAGE
BELOW 50	0	RA

COURSE OUT COME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
90 ABOVE	12.50%	OUTSTANDING
80-89	50%	EXCELLENT
70-79	31.25%	V.GOOD
60-69	6.25%	GOOD



COURSE OUT COME ASSESSMENT IN PERCENTAGE



■ 90 ABOVE ■ 80-89 ■ 70-79 ■ 60-69




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Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities.

NAME OF THE PROGRAMME: BSc N&D

COURSE CODE & COURSE TITLE	COURSE OUTCOME	
16SCCND8 DIETETICS-II	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	AAFREEN RISHMIYA.A	CB19S395736	5	4	5	4	4	22	88
2	ABDUL RAHUMAN.N	CB19S395631	5	5	4	4	4	21	84
3	ADHITHYAN.M	CB19S395632	5	4	4	4	5	21	84
4	AISHWARYA.R	CB19S395633	5	5	3	4	4	21	84
5	AMEER DEEN.J	CB19S395634	5	5	3	3	5	21	84
6	ANITHA CHARLIN.J	CB19S395635	5	5	4	5	5	24	96
7	DAYAL DEV.S	CB19S395636	5	4	4	5	5	23	92
8	DEEPIKA.P	CB19S395637	5	5	5	5	5	25	100
9	DHANUSHA.G	CB19S395638	5	5	5	5	5	25	100
10	DHARANIT	CB19S395639	5	4	4	5	5	22	88
11	DIVYA.S(09.03.2001)	CB19S395640	5	5	5	5	5	25	100
12	DIVYA.S(26.07.2000)	CB19S395641	5	5	5	5	5	25	100
13	DIVYA BHARATHI.G	CB19S395642	5	5	5	5	5	25	100
14	GAYATHRI.K	CB19S395643	5	5	5	5	5	25	100
15	HARIPRIYA.R	CB19S395644	5	5	5	5	5	25	100
16	KARPAGAM.T	CB19S395645	5	5	5	5	5	25	100
17	KARTHIKA.M	CB19S395646	5	5	5	5	5	25	100
18	KATHIRAVAN.E	CB19S395647	5	5	5	5	5	25	100
19	MANJU.P	CB19S395649	5	5	5	5	4	24	96
20	NAFISHA.M	CB19S395650	5	5	5	5	5	25	100
21	NAGADHARSHINI.M	CB19S395651	5	5	5	5	5	25	100
22	NANDHINI.C	CB19S395652	5	5	5	5	5	25	100



23	NITHISH KUMAR.M	CB19S395653	5	5	5	5	4	24	96
24	PRIYA DHARSHINI.S	CB19S395655	5	5	5	5	5	25	100
25	RAVEENA.M	CB19S395656	5	5	5	5	5	25	100
26	RUTHRA.P	CB19S395657	5	5	4	5	5	24	96
27	SAKTHIR	CB19S395658	5	5	5	5	5	25	100
28	SANGEETHA.K	CB19S395659	5	5	5	5	5	25	100
29	SHAJITHA BEGUM.A	CB19S395660	5	5	5	5	5	25	100
30	SHARMILA.K	CB19S395661	5	5	5	5	5	25	100
31	SNEHA.T	CB19S395662	5	5	5	5	5	25	100
32	SRIRANJANI.R	CB19S395663	5	5	5	5	5	25	100
33	SURESH.K	CB19S395664	5	4	4	4	4	21	84
34	SWETHA.G	CB19S395665	5	5	5	5	5	25	100
35	THENNARASI.S	CB19S395666	5	5	5	5	5	25	100
36	VADIVARASLT	CB19S395667	5	5	5	5	5	25	100
37	VIGNESH.M	CB19S395668	5	4	5	4	4	21	84
38	MARY PRICILLA.P	CB19S395670	5	5	5	5	4	24	96
39	ACSAH C LENIN	CB19S395671	5	5	3	5	4	21	84
	AVERAGE		5	4.846153846	4.666667	4.794872	4.769231		



Expected attainment in each CO -85%

CO	Assignment	End sem	Total	%
CO1	5	75	80	94.11765
CO2	4.84	75	79.84	93.92941
CO3	4.66	75	79.66	93.71765
CO4	4.79	75	79.79	93.87059
CO5	4.76	75	79.76	93.83529

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : DIETETICS-II
 SUBJECT CODE : 16SCCND8
 NO OF STUDENTS : 39

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.11%
CO2	93.92%
CO3	93.71%
CO4	93.87%
CO5	93.83%



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

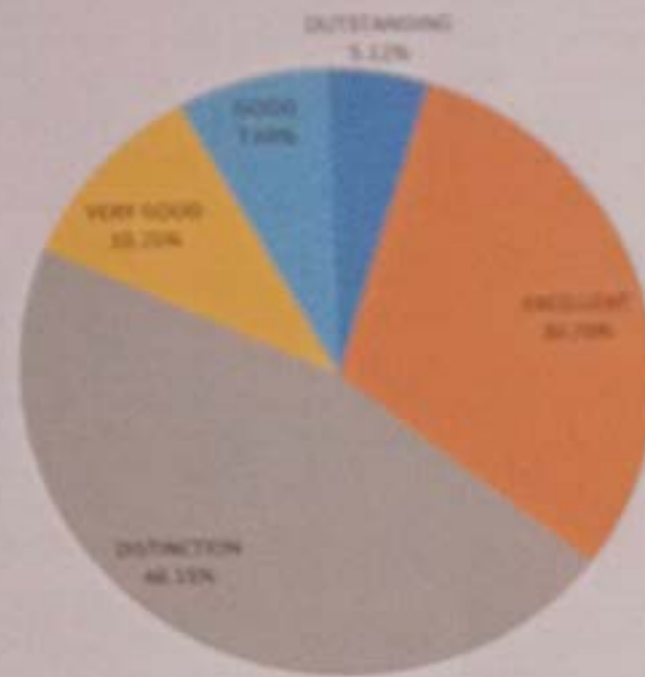
SUBJECT NAME : DIETETICS-II
 SUBJECT CODE : 16SCCND8
 NO OF STUDENTS : 39

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	2	OUT STANDING
80-90	12	EXCELLENT
70-79	18	DISTINCTION
60-69	4	VERY GOOD
50-59	3	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	5.12%	OUT STANDING
80-90	30.76%	EXCELLENT
70-79	46.15%	DISTINCTION
60-69	10.25%	VERY GOOD
50-59	7.69%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 100 - Above ■ 80-100 ■ 70-79 ■ 60-69 ■ 50-59



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

PROGRAM OUTCOME (BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition.
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - FOOD SCIENCE

COURSE OUTCOME

CO1	Obtain knowledge of different food groups, their composition and their role in diet
CO2	Study different methods of cooking foods
CO3	Understand the major chemical reactions that occur during food preparation and storage
CO4	Obtain knowledge about the nutrients present in foods
CO5	Able to describe the techniques that can be used to monitor quality of raw ingredients and final products.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	3	2	3
CO3	3	3	2	2	2
CO4	3	2	3	3	3
CO5	3	3	2	3	3
Average	3	2.6	2.4	2.6	2.8

Internal Examination Mark Distribution for each course outcome

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



REGISTER NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
CB215396303	AJITH KUMAR .S	5	5	5	5	4	24	96
CB215396304	AKALYA.G	5	5	5	5	4	24	96
CB215396305	BAVADHARAN.S	5	5	5	5	5	25	100
CB215396306	BHUVANESHWARI.S	5	5	5	5	4	24	96
CB215396307	DEVA DHARSHINI.V	5	5	5	4	4	23	92
CB215396308	DIVYA.R	5	5	5	5	5	25	100
CB215396309	GIRIDHARAN.S	5	5	5	5	5	24	96
CB215396310	HEPHZIBAH SHALOM.A	5	5	5	5	4	24	96
CB215396312	JENIFER.W	5	5	5	5	4	25	100
CB215396313	KANIMOZHILM	5	5	5	5	5	25	100
CB215396314	KOWSALYA.G	5	5	5	5	4	24	96
CB215396315	NARMATHA.S	5	5	5	5	4	24	96
CB215396316	PERIYASAMIL.P	5	5	5	5	4	24	96
CB215396317	PRAVINA.D	5	5	5	5	4	24	96
CB215396318	PRIYADHARSHINI.S	5	5	5	5	4	24	96
CB215396319	SABARINATHAN.T	5	5	5	5	4	24	96
CB215396320	SIVANANDHINI.R	5	5	5	5	4	24	96
CB215396321	THEENATHALAN	5	5	5	5	4	24	96
AVERAGE		5.00	5.00	5.00	4.94	4.22		



Expected attainment in each CO -85%				
CO	Int.Exam+Assignment	End sem	total	%
CO1	4.06	75	79.06	93.01176
CO2	4.06	75	79.06	93.01176
CO3	3.61	75	78.61	92.48235
CO4	3.67	75	78.67	92.55294
CO5	3.56	75	78.56	92.42353

COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

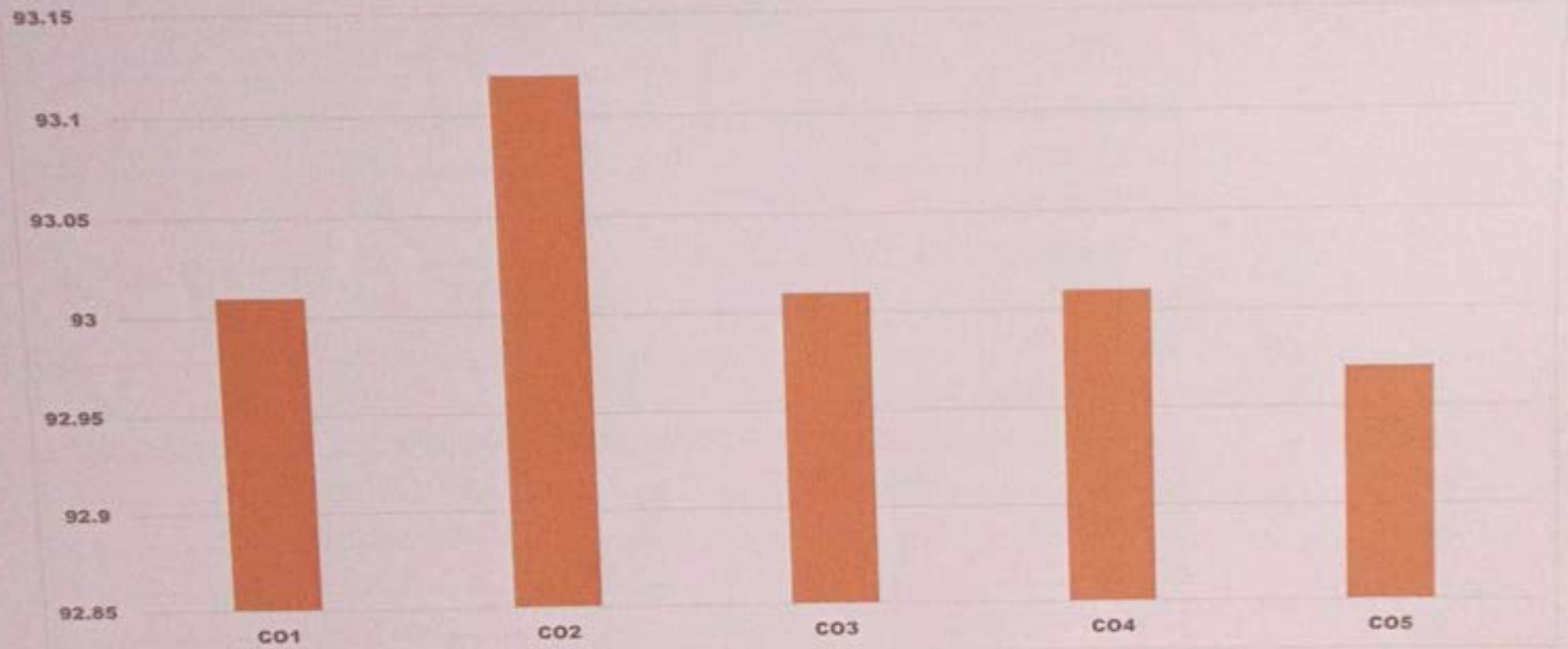
SUBJECT CODE :P16FS11

NO.OF STUDENTS:18

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.9
CO2	92.9
CO3	92.9
CO4	93.2
CO5	93.5



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : FOOD SCIENCE

SUBJECT CODE : 16SCCND1

NO OF STUDENTS : 18

COURSE OUTCOME ASSESSMENT

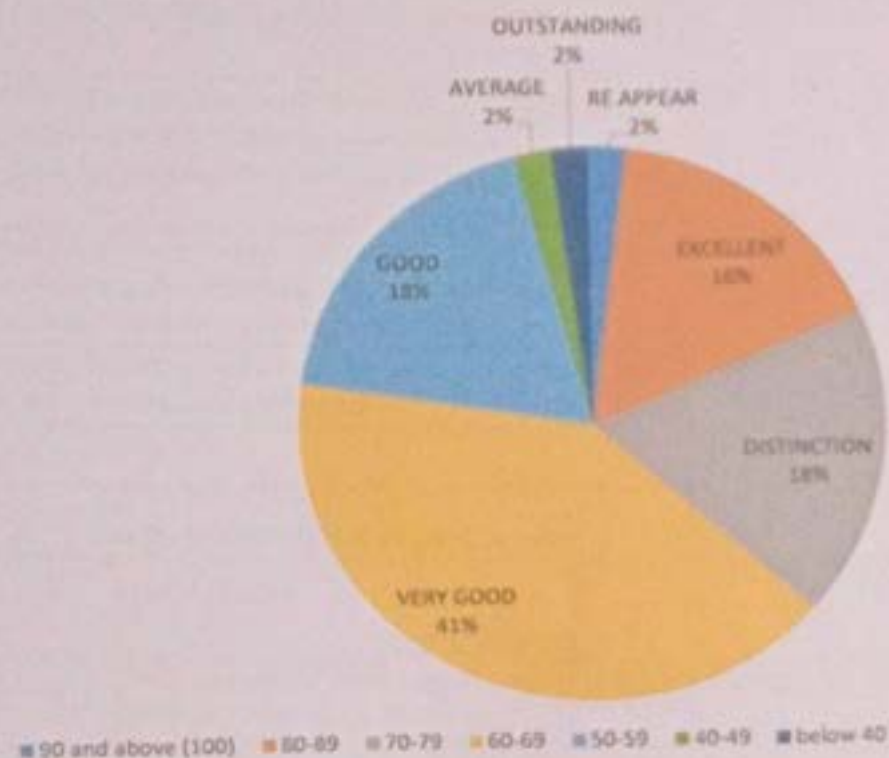
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	1	OUTSTANDING
80-89	8	EXCELLENT
70-79	9	DISTINCTION
60-69	20	VERY GOOD
50-59	9	GOOD
40-49	1	AVERAGE
below 40	1	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
90 and above (100)	2%	OUTSTANDING
80-89	16%	EXCELLENT
70-79	18%	DISTINCTION
60-69	41%	VERY GOOD
50-59	18%	GOOD
40-49	2%	AVERAGE
below 40	2%	RE-APPEAR



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and Course outcomes

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAMME: B.Sc N&D		
COURSE CODE & COURSE TITLE	COURSE OUTCOME	
RCCSND5 DIETETICS-I	CO1	Understand the pathology of metabolic diseases, cardiovascular and renal diseases and their dietary modification
	CO2	Appreciate the nutritional care in surgery and allergy
	CO3	Develop diet formulations for HIV and cancer
	CO4	Know the metabolic condition of the life style related diseases
	CO5	Explain the risk factors for degenerative diseases and toward the management of the several disease conditions



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
AAFREEN RISHMIYA.A	CB19S395736	5	5	5	5	4	24	96
ABDUL RAHUMAN.N	CB19S395631	5	5	5	5	4	24	96
ADHITHYAN.M	CB19S395632	5	4	4	5	5	23	92
AISHWARYA.R	CB19S395633	5	5	4	3	4	21	84
AMEER DEEN.J	CB19S395634	5	5	5	5	5	25	100
ANITHA CHARLIN.J	CB19S395635	5	5	5	4	5	24	96
DAYAL DEV.S	CB19S395636	5	4	5	4	5	23	92
DEEPIKA.P	CB19S395637	5	5	5	5	4	24	96
DHANUSHA.G	CB19S395638	5	5	5	5	5	25	100
DHARANI.T	CB19S395639	5	4	4	5	5	23	92
DIVYA.S(09.03.2001)	CB19S395640	5	5	5	5	5	25	100
DIVYA.S(26.07.2000)	CB19S395641	5	5	5	4	4	23	92
DIVYA BHARATHI.G	CB19S395642	5	5	5	4	4	23	92
GAYATHRI.K	CB19S395643	5	5	5	5	4	24	96
HARIPRIYA.R	CB19S395644	5	5	5	5	5	25	100
KARPAGAM.T	CB19S395645	5	5	5	5	5	25	100
KARTHIKA.M	CB19S395646	5	5	5	4	4	23	92
KATHIRAVAN.E	CB19S395647	5	5	5	5	5	25	100
MANJU.P	CB19S395649	5	5	4	4	5	23	92
NAFISHA.M	CB19S395650	5	5	5	5	5	25	100
NAGADHARSHINI.M	CB19S395651	5	5	5	5	5	25	100



NANDHINI.C	CB19S395652	5	5	5	5	5	25	100
NITHISH KUMAR.M	CB19S395653	5	5	5	4	4	23	92
PRIYA DHARSHINI.S	CB19S395655	5	5	5	5	5	25	100
RAVEENA.M	CB19S395656	5	4	4	5	5	23	92
RUTHRA.P	CB19S395657	5	5	5	5	5	25	100
SAKTHI.R	CB19S395658	5	5	5	4	5	24	96
SANGEETHA.K	CB19S395659	5	5	5	5	5	25	100
SHAJITHA BEGUM.A	CB19S395660	5	5	5	5	5	25	100
SHARMILA.K	CB19S395661	5	5	5	5	4	24	96
SNEHA.T	CB19S395662	5	5	5	4	4	23	92
SRIRANJANI.R	CB19S395663	5	5	5	5	4	24	96
SURESH.K	CB19S395664	5	4	4	5	5	23	92
SWETHA.G	CB19S395665	5	5	5	4	4	23	92
THENNARASI.S	CB19S395666	5	5	5	5	5	25	100
VADIVARASI.T	CB19S395667	5	5	5	5	5	25	100
VIGNESH.M	CB19S395668	5	4	4	5	5	23	92
MARY PRICILLA.P	CB19S395670	5	5	5	4	4	23	92
ACSAH C LENIN	CB19S395671	5	5	5	5	5	25	100
AVERAGE		5.00	4.85	4.82	4.67	4.64		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	5	75	80	94.12
CO2	4.85	75	79.85	93.94
CO3	4.82	75	79.82	93.91
CO4	4.67	75	79.67	93.73
CO5	4.64	75	79.64	93.69

COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME: DIETETICS-I

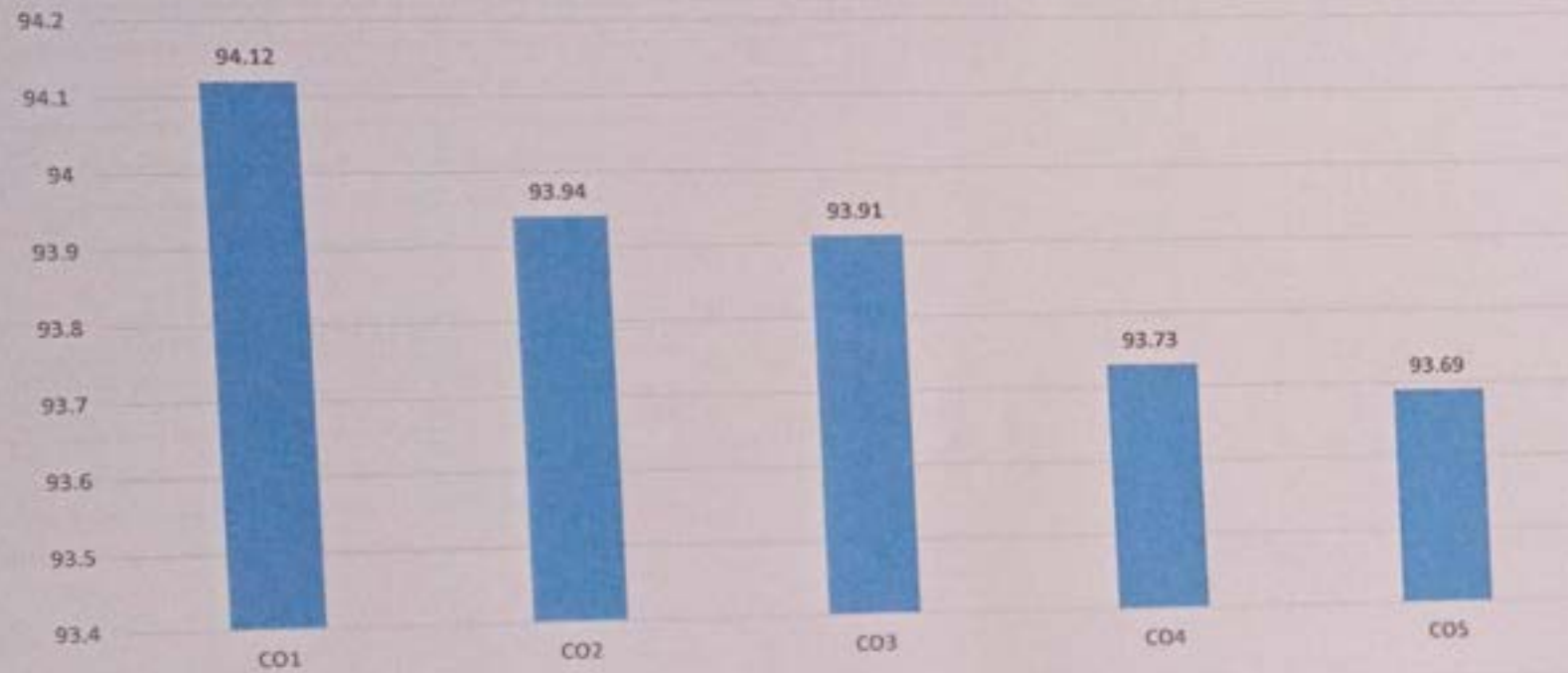
SUBJECT CODE :168CCND5

NUMBER OF STUDENTS 39

COURSE OUTCOME	PERCENTAGE ATTAINMENT
CO1	94.12
CO2	93.94
CO3	93.91
CO4	93.73
CO5	93.69



PERCENTAGE ATTAINMENT



COURSE ATTAINMENT FOR B.Sc N&D

SUBJECT NAME :DIETETICS-I

SUBJECT CODE :16SCC ND5

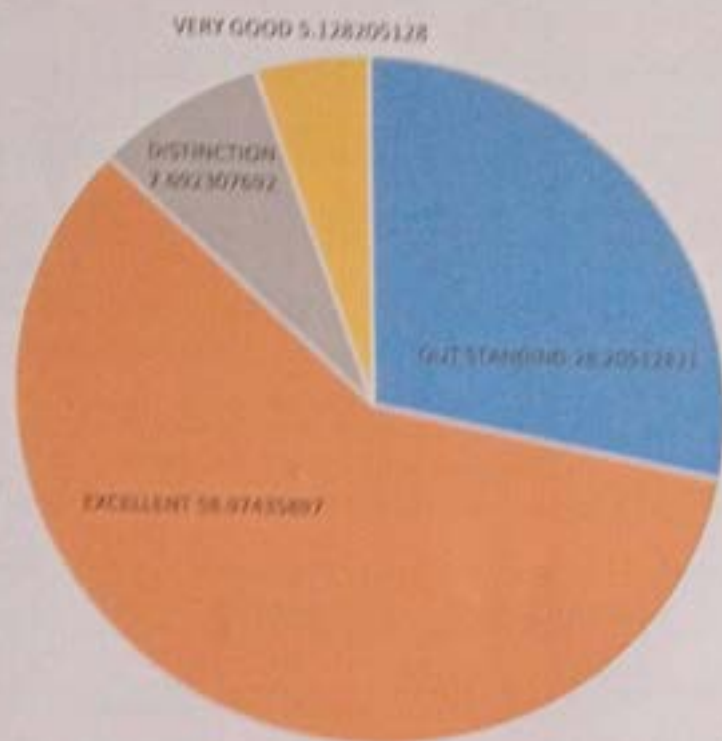
NO OF STUDENTS :39

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	11	OUT STANDING
80-90	23	EXCELLENT
70-79	3	DISTINCTION
60-69	2	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	28.21	OUT STANDING
80-90	58.97	EXCELLENT
70-79	7.69	DISTINCTION
60-69	5.13	VERY GOOD



COURSE OUTCOME PERCENTAGE



* 50 - Above = 80-90 = 70-79 = 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT-THANJAVUR-05

(UGC Recognized 2(f) & 12(B) Institution)

Affiliated to Bharathidasan University, Tiruchirappalli.

PG&RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of programme outcomes and course outcomes

Course outcome-programme outcome Mapping.

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF COURSE - FOOD CHEMISTRY

COURSE OUTCOME		
COURSE CODE & TITLE	CO1	Gain insight into Chemistry of foods
16SACND3 FOOD CHEMISTRY	CO2	Understand the Scientific principles involved in food preparation
	CO3	Develop the scientific attitude of the students towards the principle of food chemistry
	CO4	Study the physico-chemical changes occurring in foods during cooking
	CO5	Study the physio-chemical changes occurring in foods during cooking



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	1	0	0	0
CO2	1	0	1	0	0
CO3	0	1	1	1	1
CO4	1	0	0	0	0
CO5	0	0	0	0	0
Average	3	2	2	1	1

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME OF THE STUDENTS	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	AJITH KUMAR .S	CB21S396303	4	5	4	4	4	21	84
2	AKALYA.G	CB21S396304	5	5	5	4	4	23	92
3	BAVADHARAN.S	CB21S396305	5	5	5	4	4	23	92
4	BHUVANESHWARI.S	CB21S396306	4	4	4	4	4	20	80
5	DEVA DHARSHINI.V	CB21S396307	4	5	4	4	4	21	84
6	DIVYA.R	CB21S396308	4	5	4	4	5	22	88
7	GIRIDHARAN.S	CB21S396309	4	5	4	4	5	22	88
8	HEPHZIBAH SHALOM.A	CB21S396310	5	4	4	5	5	23	92
9	JENIFER.W	CB21S396312	4	5	5	5	4	24	96
10	KANIMOZHI.M	CB21S396313	5	4	4	5	5	23	92
11	KOWSALYA.G	CB21S396314	4	5	4	4	4	21	84
12	NARMATHA.S	CB21S396315	5	4	4	5	5	23	92
13	PRIYADHARSHINI.S	CB21S396318	4	5	4	4	4	21	84
14	SABARINATHAN.T	CB21S396319	4	5	4	4	5	22	88
15	SIVANANDHINI.R	CB21S396320	4	5	4	4	5	22	88
16	THEENATHALAN	CB21S396321	4	5	4	4	5	22	88
			4.3125	4.75	4.1875	4.25	4.5		



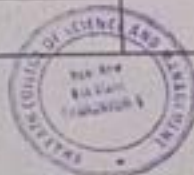
Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.3	75	79.3	93.29412
CO2	4.7	75	79.7	93.76471
CO3	4.1	75	79.1	93.05882
CO4	4.2	75	79.2	93.17647
CO5	4.5	75	79.5	93.52941

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : FOOD CHEMISTRY
 SUBJECT CODE : 16SACND2
 NO OF STUDENTS : 16

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.29%
CO2	93.76%
CO3	93.05%
CO4	93.17%
CO5	93.52%



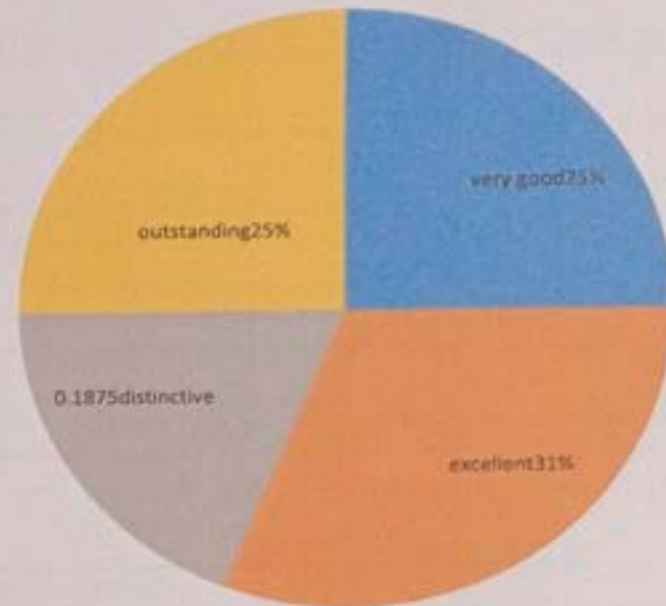
PERCENTAGE OF ATTAINMENT



CATEGORY MARKS	NO OF STUDENTS	STATUS
90-100	4	OUTSTANDING
80-89	5	EXCELLENT
75-79	3	DISTINCTIVE
60-69	4	VERY GOOD
COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90-100	25%	OUTSTANDING
80-89	31%	EXCELLENT
70-79	19%	DISTINCTIVE
60-69	25.00%	VERY GOOD



PERCENTAGE



90-100 80-89 70-79 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

PROGRAM OUTCOME (B.S.c N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition services in professional settings. Competence in the skills of assessment, planning, management and evaluation of food service, nutrition and dietetic services in institutional food, community nutrition, and clinical dietetics settings
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

COURSE - BAKERY AND CONFECTIONERY (16SCCND7)

COURSE OUTCOME

CO1	Understand the importance of baking and confectionery
CO2	Understand the principles, role of various food components involved in baking and confectionery.
CO3	Develop skills and responsibility for setting up bakery and confectionery units
CO4	Students are able to understand the basic knowledge relating to food safety and principles of preservation
CO5	Students will understand the concept of processing and preservation of fruits and vegetables



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	1	2	0	3	3
CO2	2	0	2	2	3
CO3	2	1	3	2	2
CO4	2	0	2	2	2
CO5	2	0	2	1	3
Average	1.8	0.6	2	2	2.6

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO4	Total	Average
1	ABDUL RHAUMAN.N	CB19S395631	5	5	5	5	4	24	96
2	ADITHIYAAN.M	CB19S395632	4	4	4	5	5	22	88
3	AISHWARYA.R	CB19S395633	4	5	5	5	5	24	96
4	AMEER DEEN.J	CB19S395634	5	5	5	5	5	25	100
5	ANITHA CHARLIN.J	CB19S395635	5	5	5	5	4	24	96
6	DAYA DEV.S	CB19S395636	4	5	5	5	5	24	96
7	DEEPIKA.P	CB19S395637	5	5	5	5	5	25	100
8	DHANUSHA.G	CB19S395638	4	5	5	5	5	24	96
9	DHARANLT	CB19S395639	4	4	5	5	5	23	92
10	DIVYA.S(9.03.2001)	CB19S395640	5	5	5	5	4	24	96
11	DIVYA.S(26.7.2000)	CB19S395641	5	4	4	5	5	23	92
12	DIVYA BARATHI.G	CB19S395642	4	5	5	5	5	24	96
13	GAYATHRI.K	CB19S395643	4	5	5	5	5	24	96
14	HARIPRIYA.R	CB19S395644	5	5	5	5	5	25	100
15	KARPAGAM.T	CB19S395645	5	5	5	5	5	25	100
16	KARTHIKA.M	CB19S395646	4	4	5	5	5	23	92
17	KATHIRAVAN.E	CB19S395647	5	5	5	5	4	24	96
18	MANJU.P	CB19S395649	4	4	5	5	5	23	92
19	NAFISHA.M	CB19S395650	4	5	5	5	5	24	96
20	NAGADHARASHINI.M	CB19S395651	5	5	5	5	5	25	100
21	NANDHINI.C	CB19S395652	5	5	5	5	5	25	100
22	NITHISH KUMAR.M	CB19S395653	4	5	5	5	5	24	96
23	PRIYA DHARSHINI.S	CB19S395655	5	5	5	5	5	25	100
24	RAVEENA.M	CB19S395656	4	4	5	5	5	23	92
25	RUTHARA.P	CB19S395657	5	5	5	5	5	25	100
26	SAKTHI.R	CB19S395658	4	4	5	5	5	23	92
27	SANGEEETHA.K	CB19S395659	5	5	5	5	5	25	100
28	SHAJITHA BEGUM.A	CB19S395660	5	5	5	5	5	25	100
29	SHARMILA.K	CB19S395661	5	5	5	5	5	25	100
30	SHEHA.T	CB19S395662	4	5	5	5	5	24	96
31	SRIRANJINI.R	CB19S395663	4	5	5	5	5	24	96
32	SURUESH.K	CB19S395664	4	5	5	5	5	23	92



33	SWETHA G	CB19S395665	4	4	5	5	5	23	92
34	THENNARASI S	CB19S395666	5	5	5	5	4	24	96
35	VADIVARSI T	CB19S395667	4	5	5	5	5	24	96
36	VIGNESH M	CB19S395668	4	4	5	5	5	23	92
37	MARY PRICILLA P	CB19S395670	4	4	5	5	5	23	92
38	ACSAHLENIN	CB19S395671	5	5	5	4	5	24	96
39	AAFRIN RISHMIYA A	CB19S395736	5	5	5	5	4	24	96
Average			4.49	4.72	4.95	4.97	4.85		



Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.49	75	79.49	93.5
CO2	4.72	75	79.72	93.8
CO3	4.95	75	79.95	94.1
CO4	4.97	75	79.97	94.1
CO5	4.85	75	79.85	93.9

COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

SUBJECT NAME : BAKERY AND CONFECTIONERY

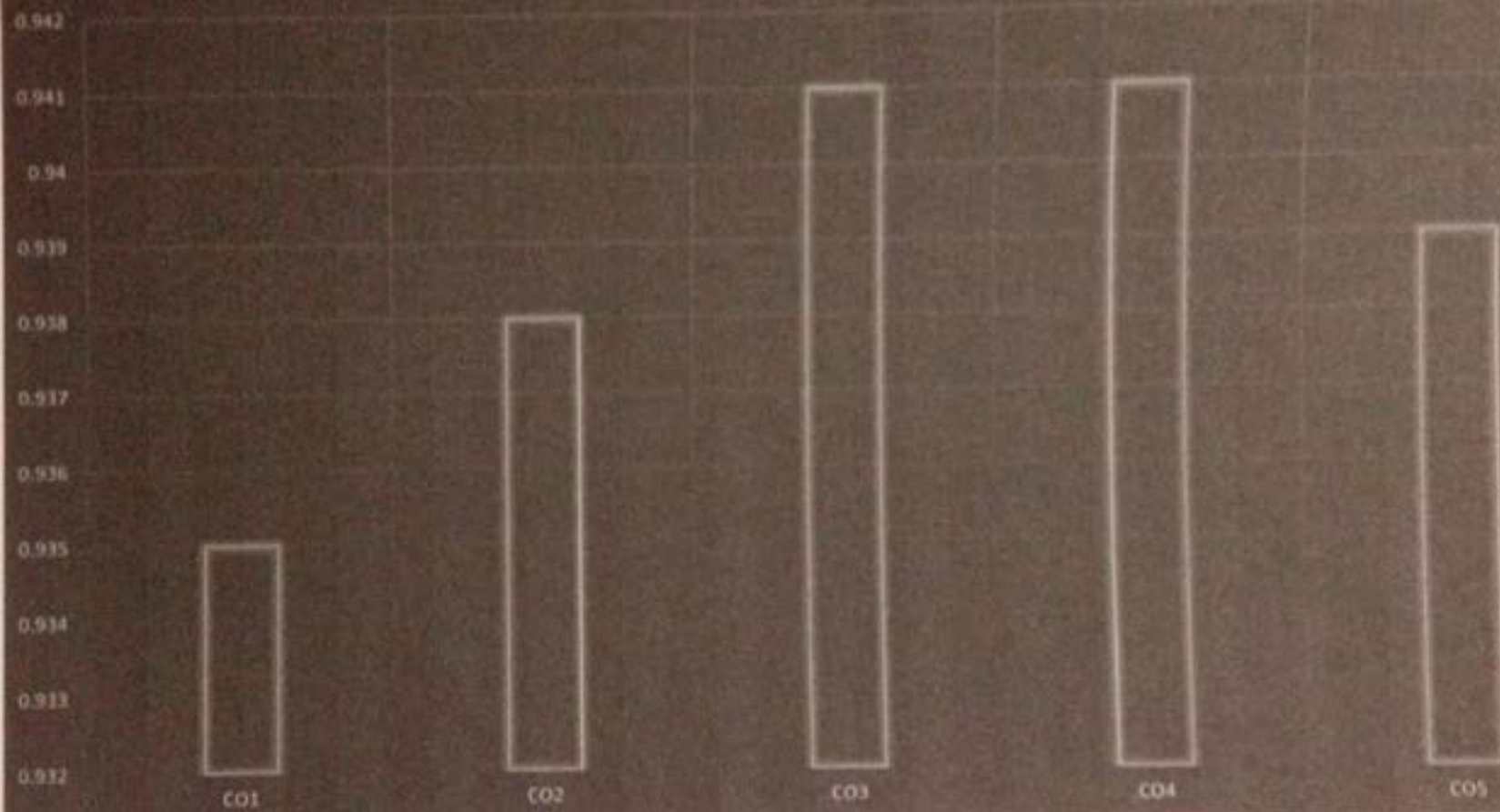
SUBJECT CODE : 16SCCND7

NO OF STUDENTS : 39

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.50%
CO2	93.80%
CO3	94.10%
CO4	94.10%
CO5	93.90%



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR BSc Nutrition and Dietetics

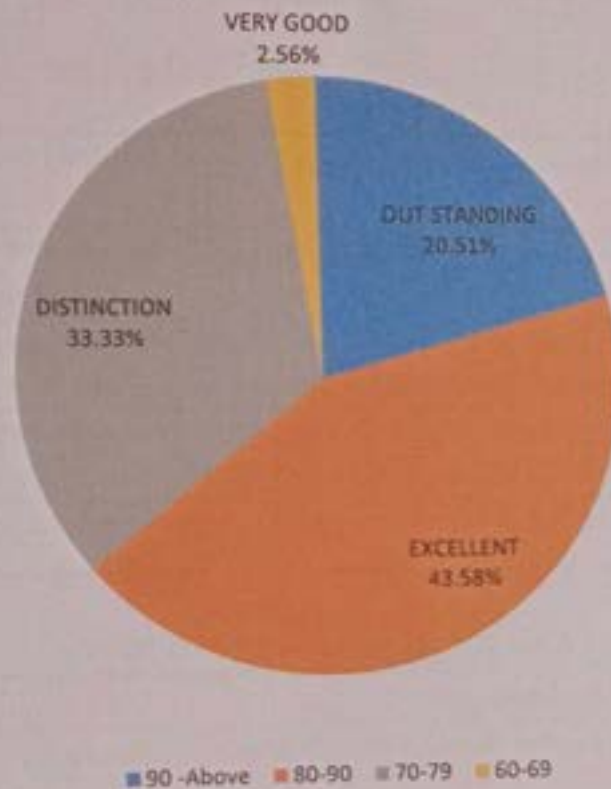
SUBJECT NAME : BAKERY AND CONFECTIONERY
 SUBJECT CODE : 16SCCND7
 NO OF STUDENTS : 39

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	8	OUT STANDING
80-90	17	EXCELLENT
70-79	13	DISTINCTION
60-69	1	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	20.51%	OUT STANDING
80-90	43.58%	EXCELLENT
70-79	33.33%	DISTINCTION
60-69	2.56%	VERY GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping
(BSc N&D)

PO1	Utilize knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes
PO2	Provide nutrition counseling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies
PO3	Apply technical skills, knowledge of health behavior, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention
PO4	Students will utilize advanced principles of health literacy, including critical thinking skills, literature searches, data collection and interpretation, necessary for the implementation of food and nutrition
PO5	Implement strategies for food access, procurement, preparation, and safety for individuals, families, and communities

NAME OF THE PROGRAM :B.SC N&D

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
FOOD STANDARD QUALITY CONTROL (RACSY82F)	CO 1	Gain knowledge about physio – chemical changes in foods.
	CO 2	Gain knowledge on sources, uses, properties and changes in starches, sugars, proteins and browning reactions
	CO 3	Gains knowledge on the importance of quality assurance in food industry
	CO 4	Gain knowledge about proteins in foods, flavour and aroma, Common food adulterants and toxins and enzymes
	CO 5	Thorough knowledge on various tests and quality assessment, using standards for quality assessment and food safety.



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	1	0	0	0	0
CO2	0	0	0	0	0
CO3	1	2	0	0	0
CO4	1	0	0	0	1
CO5	1	0	0	0	3
Average	0.8	0.4	0	0	4

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	ABDUL RHAUMAN.N	CB195395631	5	5	4	5	5	24	96
2	ADITHIYAAN.M	CB195395632	5	5	4	5	5	24	96
3	AISHWARYA.R	CB195395633	4	4	5	5	5	23	92
4	AMEER DEEN.J	CB195395634	5	5	4	5	5	24	96
5	ANITHA CHARLIN.J	CB195395635	5	5	5	5	5	25	100
6	DAYA DEV.S	CB195395636	4	4	5	5	5	23	92
7	DEEPIKA.P	CB195395637	5	5	4	5	5	24	96
8	DHANUSHA.G	CB195395638	5	5	4	5	5	24	96
9	DHARANI.T	CB195395639	4	4	5	5	5	23	92
10	DIVYA.S(9.03.2001)	CB195395640	5	5	5	5	5	25	100
11	DIVYA.S(26.7.2000)	CB195395641	5	5	4	5	5	24	96
12	DIVYA BARATHI.G	CB195395642	4	4	5	5	5	23	92
13	GAYATHRI.K	CB195395643	5	5	4	5	5	24	96
14	HARIPRIYA.R	CB195395644	5	5	4	5	5	24	96
15	KARPAGAM.T	CB195395645	5	5	4	5	5	24	96
16	KARTHIKA.M	CB195395646	4	4	5	5	5	23	92
17	KATHIRAVAN.E	CB195395647	5	5	5	5	5	25	100
18	MANJU.P	CB195395649	5	5	4	5	5	24	96
19	NAFISHA.M	CB195395650	5	5	4	5	5	24	96
20	NAGADHARASHINI.M	CB195395651	5	5	4	5	5	24	96
21	NANDHINI.C	CB195395652	5	5	4	5	5	24	96
22	NITHISH KUMAR.M	CB195395653	5	5	4	5	5	24	96
23	PRIYA DHARSHINI.S	CB195395655	5	5	4	5	5	24	96
24	RAVEENA.M	CB195395656	5	5	4	5	5	24	96

25	RUTHARA.P	CB19S395657	5	5	4	5	5	24	96
26	SAKTHI.R	CB19S395658	4	4	5	5	5	23	92
27	SANGEEETHA.K	CB19S395659	5	5	4	5	5	24	96
28	SHAJITHA BEGUM.A	CB19S395660	5	5	4	5	5	24	96
29	SHARMILA.K	CB19S395661	5	5	4	5	5	24	96
30	SHEHA.T	CB19S395662	4	4	5	5	5	23	92
31	SRIRANJINI.R	CB19S395663	5	5	4	5	5	24	96
32	SURUESH.K	CB19S395664	4	4	5	5	5	23	92
33	SWETHA.G	CB19S395665	4	4	5	5	5	23	92
34	THENNARASI.S	CB19S395666	5	5	5	5	5	25	100
35	VADIVARSI.T	CB19S395667	5	5	4	5	5	24	96
36	VIGNESH.M	CB19S395668	5	5	4	5	5	24	96
37	MARY PRICILLA.P	CB19S395670	5	5	4	5	5	24	96
38	ACSAHCLENIN	CB19S395671	5	5	4	5	5	24	96
39	AAFRIN RISHMIYA.A	CB19S395736	5	5	4	5	5	24	96
			4.769230769	4.76923	4.33333	5	5		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.769231	75	79.769231	94.9634
CO2	4.769231	75	79.769231	94.9634
CO3	4.333333	75	79.333333	94.4444
CO4	5	75	80	95.2381
CO5	5	75	80	95.2381

COURSE ATTAINMENT FOR B.SC :N&D

SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SM18END1

NO OF STUDENTS : 39

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.96
CO2	94.96
CO3	94.44
CO4	95.23
CO5	95.23



PERCENTAGE OF ATTAINMENT



SUBJECT NAME : FOOD STANDARD QUALITY CONTROL

SUBJECT CODE : 16SMEND1

NO OF STUDENTS : 39

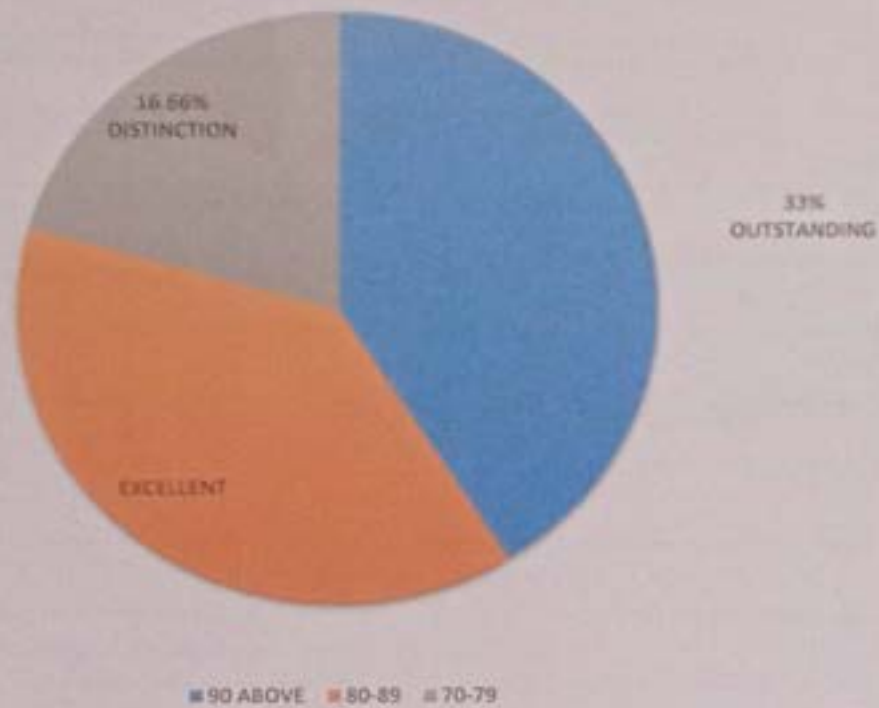
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	16	OUTSTANDING
80-89	15	EXCELLENT
70-79	8	DISTINCTION
60-69	0	V.GOOD
50-59	0	GOOD
40-49	0	AVERAGE
BELOW40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
90 ABOVE	33.33%	OUTSTANDING
80-89	31.25%	EXCELLENT
70-79	16.66%	DISTINCTION



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of Program outcomes and Course outcomes

Course Outcome- Programme Outcome Mapping

PROGRAM OUTCOME (MSc FSMD)

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITLE		NAME OF THE PROGRAMME: MSc FSMD
P16FSE3 COUNSELLING SKILLS	COURSE OUTCOME	
	CO 1	Understand the principles and procedures of nutrition counselling
	CO 2	Understand the role of the counsellor
	CO 3	Develop an understanding in lifestyles in influence on health and well-being
	CO 4	Effects of acute and chronic diseases on the emotional and psychological state.
	CO 5	Understand the behaviour of the individuals .



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	2	0	2	2	3
CO2	0	3	2	2	3
CO3	3	3	3	2	2
CO4	3	3	2	3	1
CO5	3	3	3	2	3
Average	2.2	2.4	2.4	2.2	2.4

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
1	N.AVANYA RAMKUMARI	P20453401	5	5	5	4	4	23	92
2	S.ARAVIND	P20453402	5	4	4	5	5	23	92
3	A.AWLIN SEREBIA	P20453403	5	5	5	4	5	24	96
4	V.BHUVANESWARI	P20453404	5	5	5	5	5	25	100
5	U.DIVYA	P20453405	5	5	5	4	4	23	92
6	S.INIYASREE	P20453407	4	5	4	5	5	23	92
7	L.KARTHIK PRIYA	P20453408	5	5	5	5	5	25	100
8	N.KEERTHIKA	P20453409	5	5	5	5	4	24	96
9	N.NASIMA	P20453410	5	4	4	4	5	22	88
10	V.PARANTHAKA CHOLAN	P20453411	4	4	4	5	5	22	88
11	K.PAVITHRA	P20453412	5	5	5	5	5	25	100
12	K.PRATHIBA	P20453413	5	4	4	5	4	22	88
13	M.SAFRIN ROSE	P20453414	5	5	5	5	5	25	100
14	M.SETHUMADHAVAN	P20453416	5	4	5	5	5	24	96
15	M.SUNDARAVENIL	P20453417	5	5	5	5	5	25	100
	AVERAGE		4.866666667	4.666667	4.666667	4.733333	4.733333		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	Total	%
CO1	4.86	75	79.86	93.95294
CO2	4.66	75	79.66	93.71765
CO3	4.66	75	79.66	93.71765
CO4	4.73	75	79.73	93.8
CO5	4.71	75	79.71	93.77647

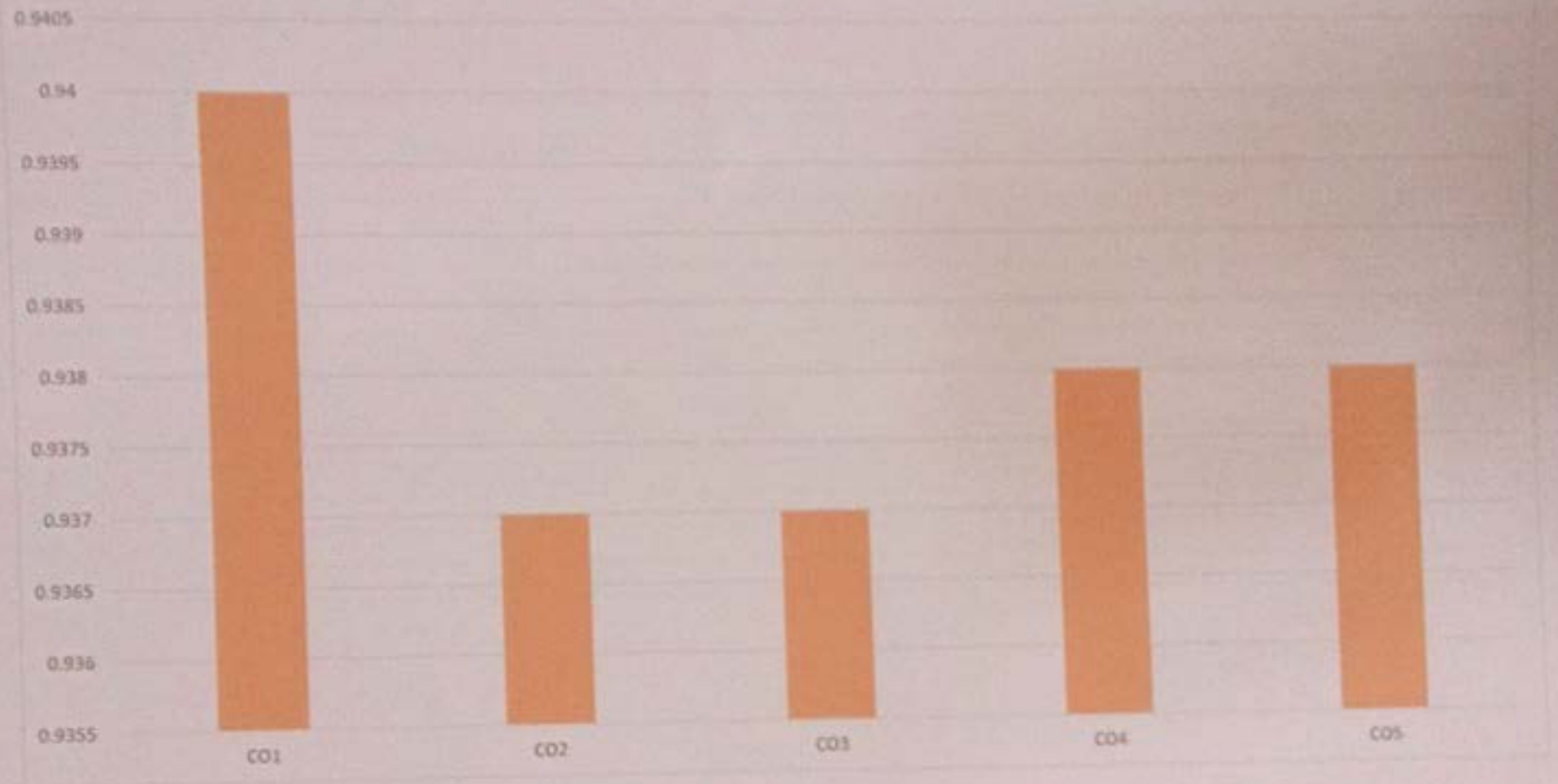
COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : COUNSELLING SKILLS
SUBJECT CODE : P16FSE5
NO OF STUDENTS : 15

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	93.70%
CO3	93.70%
CO4	93.80%
CO5	93.80%



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR MSc FSMD

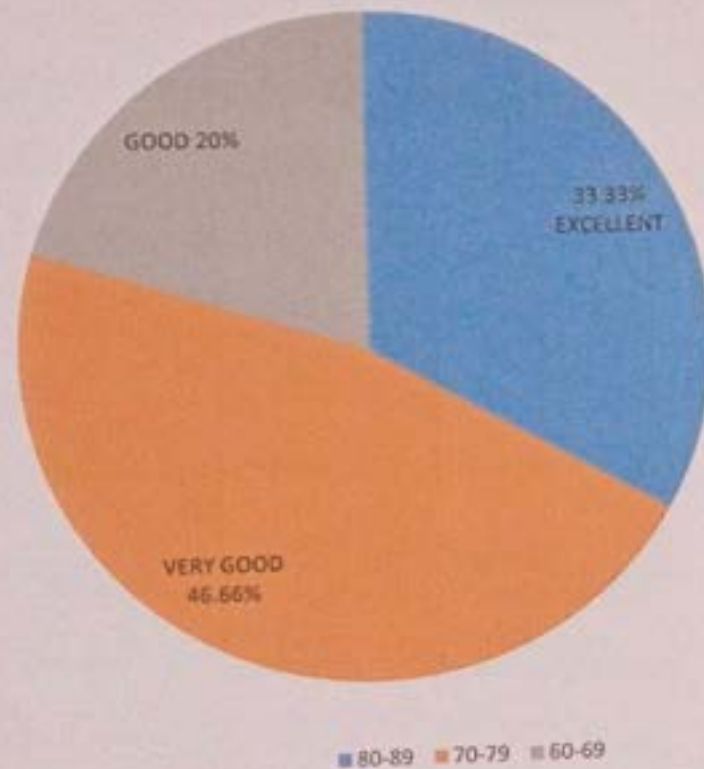
SUBJECT NAME : COUNSELLING SKILLS
 SUBJECT CODE : P16FSE5
 NO OF STUDENTS : 15

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-89	5	EXCELLENT
70-79	7	VERY GOOD
60-69	3	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
80-89	33.33%	EXCELLENT
70-79	46.66%	VERY GOOD
60-69	20.00%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



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(UGC Recognized 2(f) & 12(b) Institution)

PG & RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS
Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAMME- M.Sc FSMD

COURSE OUTCOME		
COURSE CODE&TITLE	CO 1	Gain knowledge on source and properties of food
P16FS11 ADVANCED FOOD SCIENCE	CO 2	Develop skills to judge the quality of cooked foods
	CO 3	Understand the principles and chemistry of foods.
	CO 4	Apply the principles while preparing and cooking
	CO 5	Comprehend knowledge on the characteristics and properties of foods in cooking process



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	0.2	2.6	0.4	0.2	0.8

Internal Examination Mark Distribution for each course outcome

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



S.NO	REG NUMBER	STUDENT NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TOTAL INTERNAL MARKS
1	P21452625	ABINAYA.N	5	5	5	5	5	25	96
2	P21452626	AFRIN M.R	5	5	5	5	5	25	100
3	P21452627	AKILA.S	5	5	5	5	5	24	100
4	P21452628	ASHA.M	5	5	5	5	4	24	100
5	P21452629	BABITHA.N	5	5	5	5	3	23	96
6	P21452630	DEEPIKA.S	4	5	5	5	5	25	96
7	P21452631	HADHI JAFRINLAILA.S	5	5	5	5	5	25	92
8	P21452632	HARUN NASEER.J	4	4	5	4	4	23	100
9	P21452633	JAYA BRUNDHA.D	5	5	5	5	4	24	100
10	P21452634	KAVITHARANI.P	5	5	5	5	4	24	92
11	P21452635	MADHUMATHI.E	5	5	5	5	5	25	96
12	P21452636	MAHADEVAN.R.K	5	5	5	3	5	23	96
13	P21452637	MOHANAMBAL.S	5	5	5	5	5	25	100
14	P21452638	NANDHINI.R	5	5	5	5	5	25	92
15	P21452639	NOOR SHIFA.R	5	5	4	5	4	23	100
16	P21452640	NOOR NISHA.M	5	5	5	5	5	25	100
17	P21452641	PRATHIKA.M	5	5	5	5	5	25	92
18	P21452642	PRIYADHARSHINI.V	5	5	5	5	5	25	100
19	P21452643	RAGAVIN.R	5	5	5	5	5	25	100



20	P21452644	RUBASRLR	5	5	5	5	5	25	100
21	P21452645	SAHANAS BEGAM.P	5	5	5	5	4	24	100
22	P21452646	SAHIRA BANU.B	5	5	4	5	5	24	100
23	P21452647	SNEKA.S	5	4	5	5	5	24	96
24	P21452648	SOWMIYA.R	4	5	5	4	5	24	96
25	P214526249	STEPHY GNANAMARY.T	4	5	5	5	5	24	96
			4.84	4.92	4.92	4.84	4.68		



Expected attainment in each CO -85%

CO	Int.Exam+ Assignment	End sem	total	%
CO1	4.88	75	79.88	93.9765
CO2	4.92	75	79.92	94.0235
CO3	4.92	75	79.92	94.0235
CO4	4.84	75	79.84	93.9294
CO5	4.68	75	79.68	93.7412

COURSE ATTAINMENT FOR M.Sc.,FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME :ADVANCED FOOD SCIENCE

SUBJECT CODE :P16FS11

NO.OF STUDENTS:25

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.9
CO2	94.02
CO3	94.02
CO4	93.9
CO5	93.7





COURSE ATTAINMENT FOR M.Sc., FOOD SERVICE MANAGEMENT AND DIETETICS

SUBJECT NAME : ADVANCED FOOD SCIENCE
SUBJECT CODE : P16FS11
NO OF STUDENTS : 25

COURSE OUTCOME ASSESSMENT

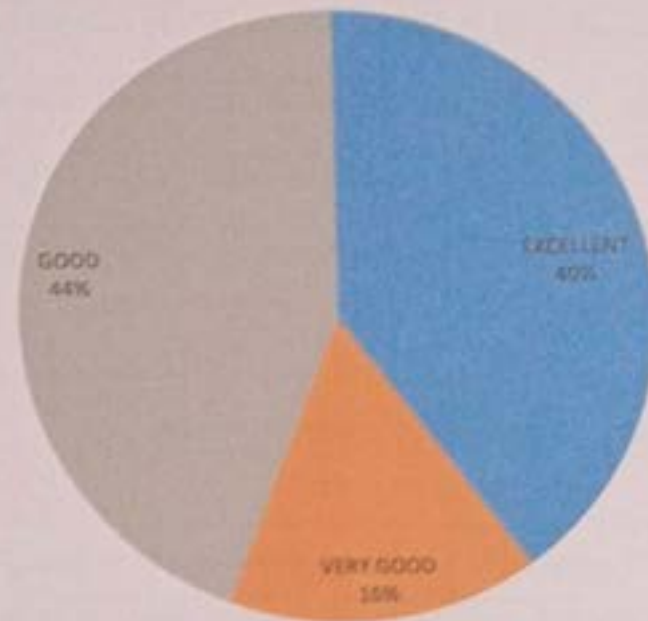
CATEGORY MARKS	NO OF STUDENTS	STATUS
90 and above (100)	0	OUTSTANDING
80-89	10	EXCELLENT
70-79	11	VERY GOOD
60-69	4	GOOD
50-59	0	ABOVE AVERAGE
below 50		RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY MARKS	PERCENTAGE	STATUS
80-89	40%	EXCELLENT
70-79	16%	VERY GOOD
60-69	44%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 80-89 ■ 70-79 ■ 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT
(UGC Recognised under 2(f) & 12(B) Institution)
PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
Attainment of program outcomes and Course outcomes

PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

COURSE CODE & COURSE TITTLE	NAME OF THE PROGRAMME:M.Sc:FSMD	
	COURSE OUTCOME	
P16FS21 DIETETICS	CO 1	Learn, analyse and apply the nutrition care process and therapeutic dietary approach
	CO 2	Understand the aetiology, physiologic and metabolic anomalies of acute and chronic diseases and patient needs
	CO 3	Know the effect of various diseases on nutritional status and nutritional and dietary requirements.
	CO 4	Develop aptitude for taking up dietetics as a profession
	CO 5	Develop capacity and aptitude for taking up dietetics as a profession



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	3	2	3
CO3	3	3	3	3	3
CO4	3	2	3	2	2
CO5	3	3	2	3	2
Average	3	2.6	2.8	2.4	2.6

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(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



NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARKS
ABINAYA.N	P21452625	5	5	5	5	5	25	100
AFRIN M.R	P21452626	5	5	5	5	4	24	96
AKILA.S	P21452627	5	5	5	5	5	25	100
ASHA.M	P21452628	5	5	5	5	5	25	100
BABITHA.N	P21452629	5	5	5	5	5	25	100
DEEPIKA.S	P21452630	5	5	5	5	5	25	100
HADHI JAFRIN LAILA.S	P21452631	5	5	5	5	5	25	100
HARUN NASEER.J	P21452632	5	5	5	5	5	25	100
JAYA BRUNDHA.D	P21452633	5	5	5	5	5	25	100
KAVITHARANI.P	P21452634	5	5	5	5	5	25	100
MADHUMATHI.E	P21452635	5	5	5	5	5	25	100
MAHADEVAN.R.K	P21452636	5	5	5	5	5	25	100
MOHANAMBAL.S	P21452637	5	5	5	5	5	25	100
NANDHINI.R	P21452638	5	5	5	5	5	25	100
NOOR SHIFA.R	P21452639	5	5	5	5	4	24	96
NOOR NISHA.M	P21452640	5	5	5	5	5	25	100
PRATHIKA.M	P21452641	5	5	5	5	5	25	100



PRIYADHARSHINI.V	P21452642	5	5	5	5	5	25	100
RAGAVIN.R	P21452643	5	5	5	5	5	25	100
RUBASRI.R	P21452644	5	5	5	5	5	25	100
SAHANAS BEGAM.P	P21452645	5	5	5	5	4	24	96
SAHIRA BANU.B	P21452646	5	5	5	5	5	25	100
SNEKA.S	P21452647	5	5	5	5	5	25	100
SOWMIYA.R	P21452648	5	5	5	5	5	25	100
STEPHYGNANA MARY.T	P214526249	5	5	5	5	5	25	100
AVERAGE		5.00	5.00	5.00	5.00	4.87		



Expected attainment in each CO -85%				
CO	Int.Exam+ Assignment	End sem	total	%
CO1	5	75	80	94.12
CO2	5	75	80	94.12
CO3	5	75	80	94.12
CO4	5	75	80	94.12
CO5	4.87	75	79.87	93.96

COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME: DIETETICS

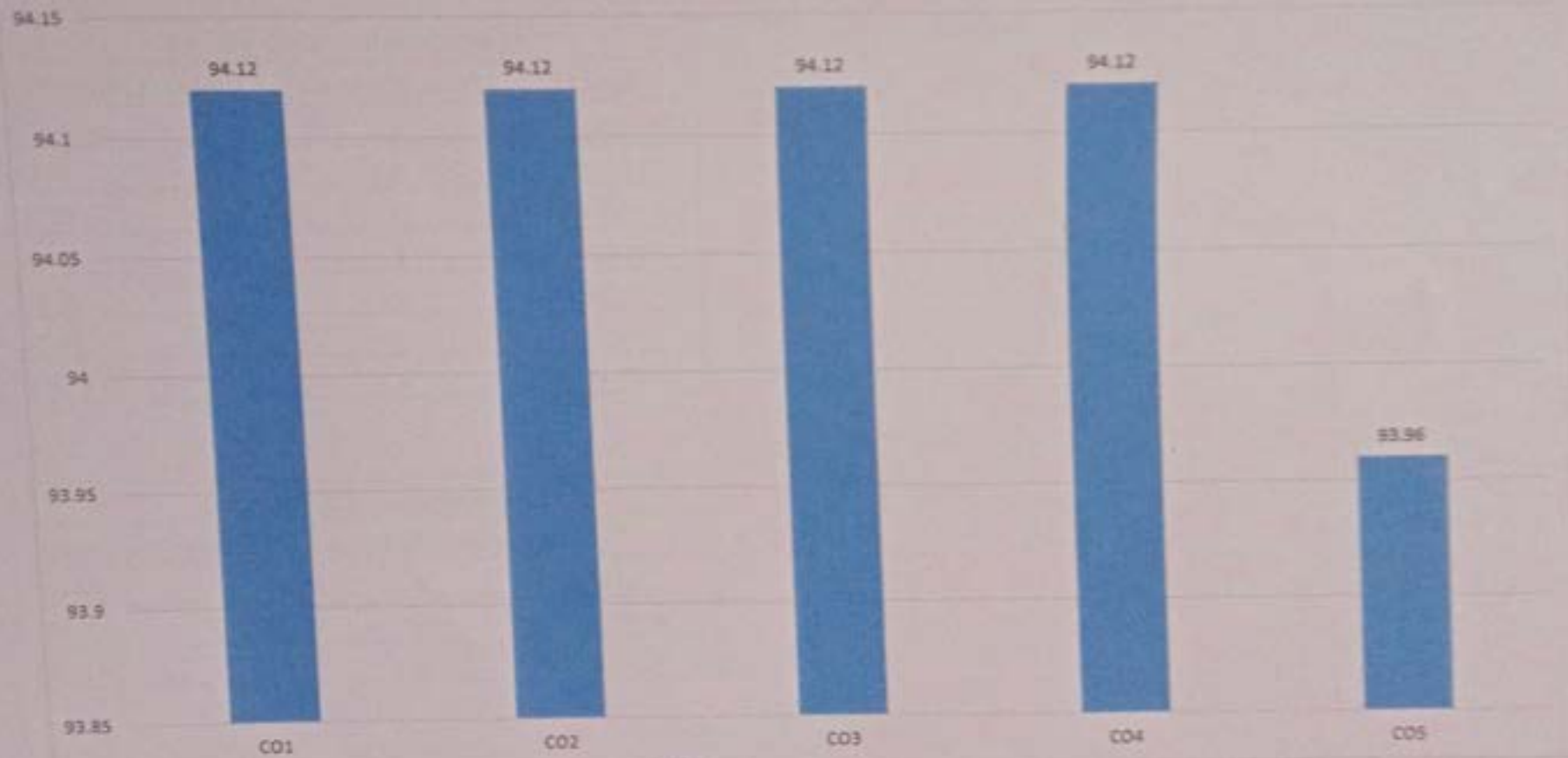
SUBJECT CODE :P16F521

NUMBER OF STUDENTS :25

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.12
CO2	94.12
CO3	94.12
CO4	94.12
CO5	93.96



PERCENTAGE OF ATTAINMENT



COURSE ATTAINMENT FOR M.Sc FSMD

SUBJECT NAME :DIETETICS

SUBJECT CODE : P16FS21

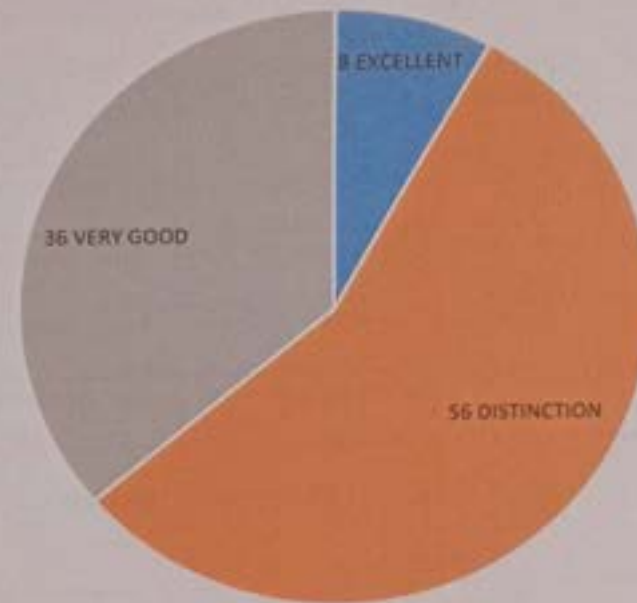
NO OF STUDENTS :25

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	0	OUT STANDING
80-90	2	EXCELLENT
70-79	14	DISTINCTION
60-69	9	VERY GOOD
50-59	0	GOOD
40-49	0	AVERAGE
Below 40	0	RE- APPEAR

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
80-90	8	EXCELLENT
70-79	56	DISTINCTION
60-69	36	VERY GOOD



COURSE OUTCOME PERCENTAGE



■ 80-90 ■ 70-79 ■ 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

(UGC Recognized (12f) (12b) Institution)

Affiliated Bharadhidasan University-Tiruchirapalli.

PG& RESEARCH DEPARTEMENT OF NUTRITION AND DIETETICS

Attainment of Programme Outcomes and Course Outcomes

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE COURSE- CLINICAL BIOCHEMISTRY

COURSE OUTCOME

COURSE CODE&TITLE		
	CO 1	Understand the metabolism of the nutrients and the associated diseases
P16FS13 CLINICAL BIOCHEMISTRY	CO 2	Know the organ specific function tests associated with the disease
	CO 3	Comprehend the role of hormone in health.
	CO 4	Understand the diferent evaluation of organ function tests.
	CO 5	Obtain knowledge on different disordes in human body.



	PO1	PO2	PO3	PO4	PO5
CO1	0	3	0	0	2
CO2	0	3	1	0	1
CO3	1	2	1	0	0
CO4	0	2	0	1	0
CO5	0	3	0	0	1
Average	0.2	2.6	0.4	0.2	0.8

Internal Examination Mark Distribution for each course outcome

CO	INTERNAL(15)	ASSIGNMENT(5)	SEMINAR(5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1



S.NO	NAME OF THE STUDENT	REGISTER NUMBER	CO1	CO2	CO3	CO4	CO5	TOTAL	AVERAGE
1	ABINAYA.N	P21452625	5	5	5	5	4	24	96
2	AFRIN M.R	P21452626	5	5	5	5	5	25	100
3	AKILA.S	P21452627	5	5	5	5	5	25	100
4	ASHA.M	P21452628	5	5	5	5	4	24	96
5	BABITHA.N	P21452629	5	5	5	5	4	24	96
6	DEEPIKA.S	P21452630	4	5	5	5	5	24	96
7	HADHI JAFRIN LAILA.S	P21452631	5	5	5	5	4	24	96
8	HARUN NASEER.J	P21452632	4	4	5	4	5	23	92
9	JAYA BRUNDHA.D	P21452633	5	5	5	5	5	25	100
10	KAVITHARANLP	P21452634	5	5	5	5	5	25	100
11	MADHUMATHLE	P21452635	4	4	5	4	5	23	92
12	MAHADEVAN.R.K	P21452636	5	5	5	5	5	25	100
13	MOHANAMBAL.S	P21452637	5	5	5	5	4	24	96
14	NANDHINI.R	P21452638	5	4	4	4	5	23	92
15	NOOR SHIFA.R	P21452639	5	5	5	5	4	24	96
16	NOOR NISHA.M	P21452640	5	5	5	5	4	24	96
17	PRATHIKA.M	P21452641	5	5	5	5	5	25	100
18	PRIYADHARSHINI.V	P21452642	5	5	5	5	5	25	100
19	RAGAVIN.R	P21452643	5	5	5	5	4	24	96
20	RUBASRI.R	P21452644	5	5	5	5	4	24	96
21	SAHANAS BEGAM.P	P21452645	5	5	5	5	5	25	100
22	SAHIRA BANU.B	P21452646	5	5	5	5	5	25	100
23	SNEKA.S	P21452647	5	5	5	5	5	25	100
24	SOWMIYA.R	P21452648	5	5	5	5	4	24	96
25	STEPHYGNANA MARY.T	P214526249	5	5	5	5	4	24	96
			4.88	4.88	4.96	4.88	4.56		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.8	75	79.8	93.88235
CO2	4.8	75	79.8	93.88235
CO3	4.9	75	79.9	94
CO4	4.8	75	79.8	93.88235
CO5	4.5	75	79.5	93.52941

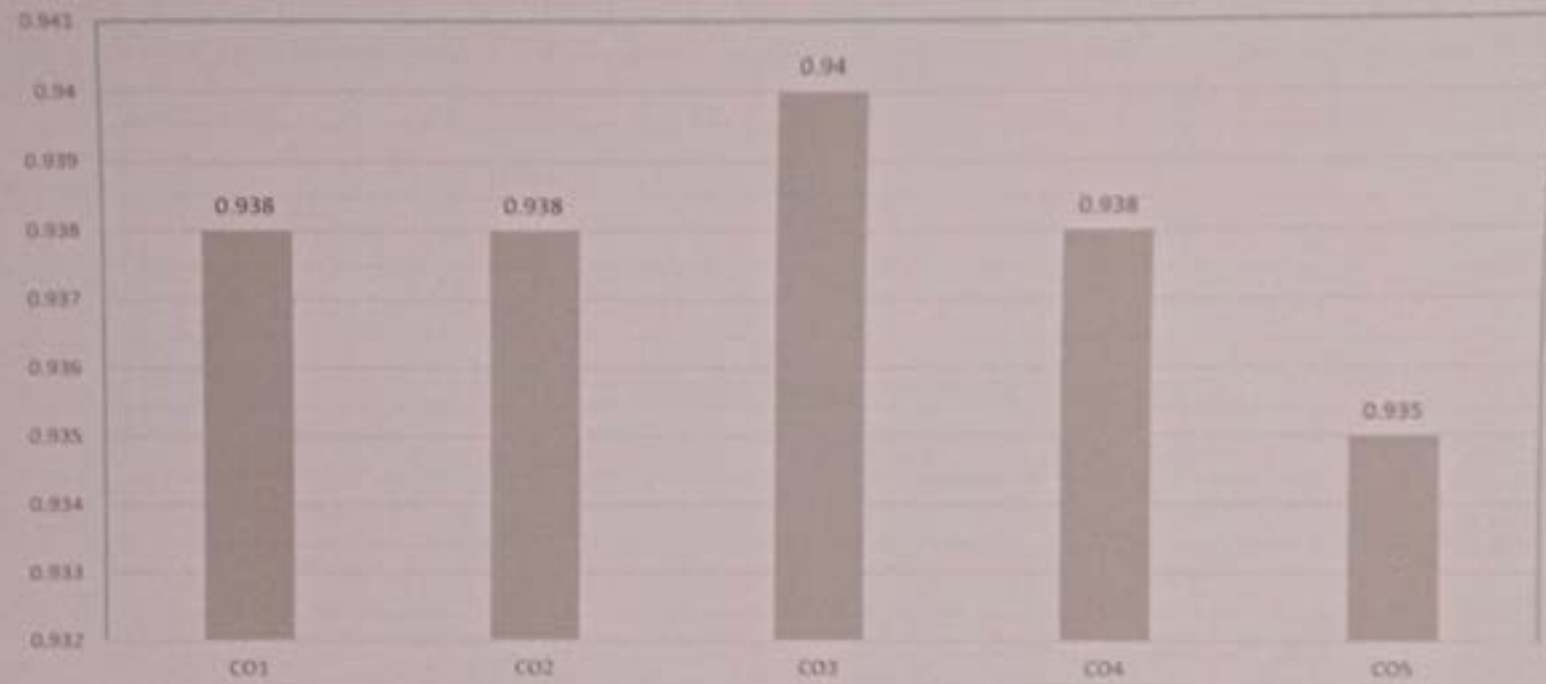
COURSE ATTAINMENT FOR MSC FOOD SERVICE MANAGEMENT&DIETETICS

SUBJECT NAME : CLINICAL BIOCHEMISTRY
 SUBJECT CODE : P16FS13
 NO OF STUDENTS : 25

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.80%
CO2	93.80%
CO3	94.00%
CO4	93.80%
CO5	93.50%



PERCENTAGE ATTAINMENT

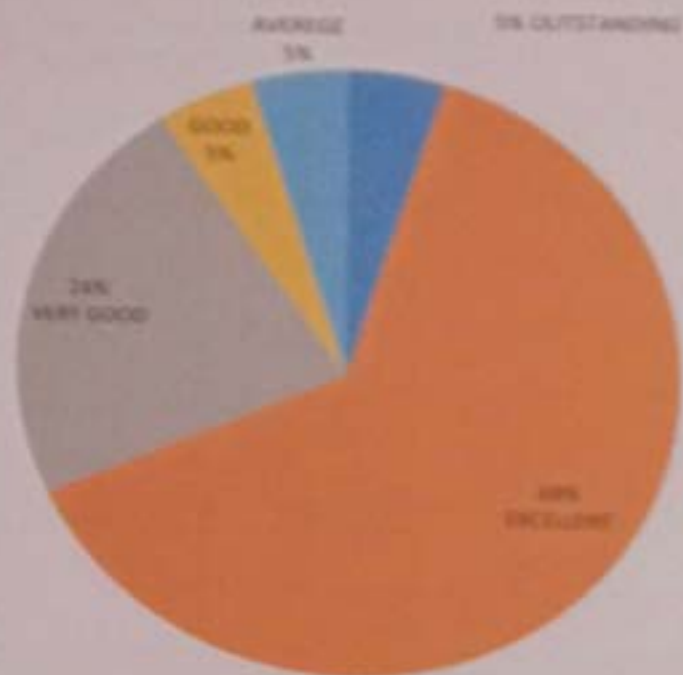


CATEGORY MARKS	NO OF STUDENTS	STATUS
90 -Above	1	OUT STANDING
80-89	17	EXCELLENT
70-79	6	VERY GOOD
60-69	1	GOOD
50-59	1	AVERAGE

COURSE OUTCOMEASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90&Above	5%	OUT STANDING
80-89	68%	EXCELLENT
70-79	24%	VERY GOOD
60-69	5%	GOOD
50-59	5%	AVERAGE



PERCENTAGE



■ 90-100% ■ 80-89% ■ 70-79% ■ 60-69% ■ 50-59%



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR-5

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PG& RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS
PROGRAM OUTCOME (M.S.c F5MD)

PO1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO3	Capable to develop and evaluate unique health food products to foster healthy society.
PO4	Manage and administrate dietaries and food service outlets effectively
PO5	Become a successful professional, entrepreneur and researcher.

COURSE - QUANTITY FOOD PRODUCTION AND SERVICE

Course Code & Course Title	COURSE OUTCOME	
P16FS31 Quantity food production and service	CO1	Gain knowledge in menu planning, large scale food production and service.
	CO2	Manage the mass production of cuisines and beverages.
	CO3	Know the different types of food service techniques
	CO4	Learn aspects on quantity production and quality control
	CO5	Gain knowledge on standardization of recipes.



PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	3	3
CO2	2	0	2	3	3
CO3	2	1	1	3	3
CO4	2	0	3	3	3
CO5	2	0	2	1	3
Average	1.6	0.2	2.6	2.6	3

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	Seminar ((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



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	Total	Average
1	N.AVANYA RAMKUMARI	P20453401	5	5	5	5	5	25	100
2	S.ARAVIND	P20453402	5	4	4	5	5	23	92
3	A.AWLIN SERABIA	P20453403	5	5	5	5	5	25	100
4	V.BHUVANESWARI	P20453404	4	5	5	5	5	24	96
5	U.DIVYA	P20453405	4	4	5	5	5	23	92
6	S.INIYASREE	P20453407	5	5	5	5	5	25	100
7	L.KARTHIK PRIYA	P20453408	5	5	5	5	5	25	100
8	N.KEERTHIKA	P20453409	4	4	5	5	5	23	92
9	N.NASIMA	P20453410	3	5	5	5	5	22	88
10	V.PARANTHAKA CHOLAN	P20453411	3	4	5	5	5	22	88
11	K.PAVITHRA	P20453412	5	5	5	5	5	25	100
12	K.PRATHIBA	P20453413	5	4	4	5	5	23	92
13	M.SAFRIN ROSE	P20453414	5	5	5	5	5	25	100
14	M.SETHUMADHAVAN	P20453416	4	5	5	5	5	24	96
15	M.SUNDARAVENIL	P20453417	5	5	5	5	5	25	100
Average			4.47	4.67	4.87	5.00	5.00		

Expected Attainment in each CO - 85%

CO	Int. Exam + Assignment	End Sem	Total	%
CO1	4.47	75	79.47	93.5
CO2	4.67	75	79.67	93.7
CO3	4.87	75	79.87	94.0
CO4	5	75	80	94.1
CO5	5	75	80	94.1



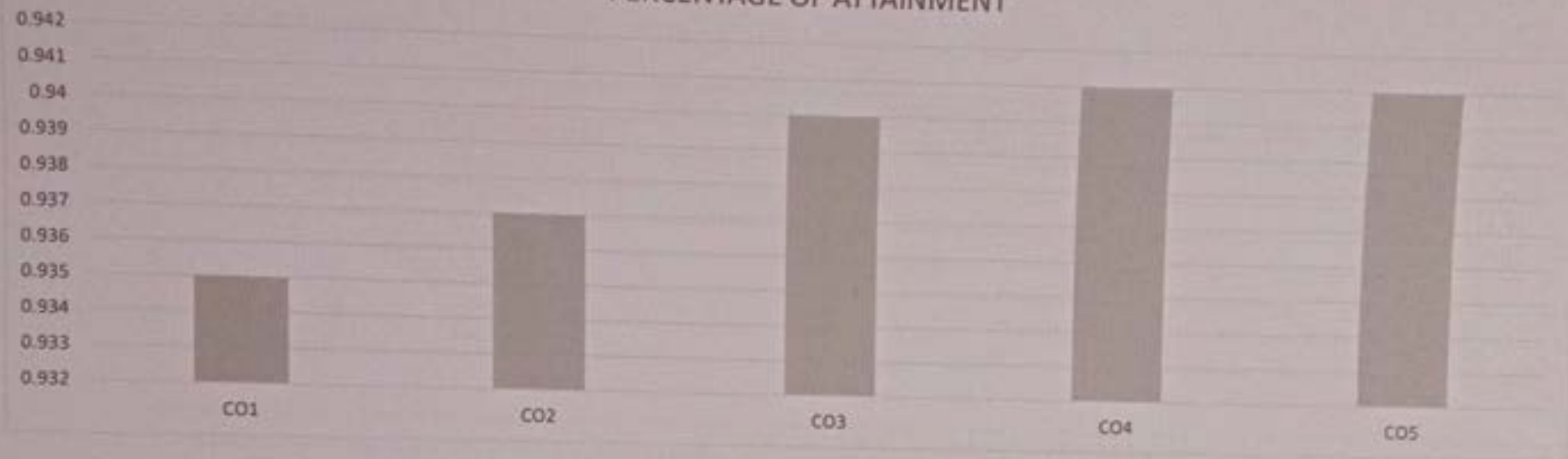
COURSE ATTAINMENT FOR MSc FSMD

SUBJECT NAME : QUANTITY FOOD PRODUCTION AND SERVICE
SUBJECT CODE : P16FS31
NO OF STUDENTS : 15

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.50%
CO2	93.70%
CO3	94.00%
CO4	94.10%
CO5	94.10%



PERCENTAGE OF ATTAINMENT



SUBJECT NAME :
SUBJECT CODE :
NO OF STUDENTS :

COURSE ATTAINMENT FOR MSc F5MD
QUANTITY FOOD PRODUCTION AND SERVICE
P16F531
15

COURSE OUTCOME ASSESSMENT		
CATEGORY(MARKS)	NO OF STUDENTS	STATUS
90 -Above	1	OUT STANDING
80-89	9	EXCELLENT
70-79	4	VERY GOOD
60-69	1	GOOD
50-59	0	ABOVE AVERAGE
Below 50	0	RE-APPEAR

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY(MARKS)	PERCENTAGE	STATUS
90 -Above	6.66%	OUT STANDING
80-89	60%	EXCELLENT
70-79	26.66%	VERY GOOD
60-69	6.66%	GOOD



COURSE OUTCOME ASSESSMENT IN PERCENTAGE



■ 90 - Above ■ 80-89 ■ 70-79 ■ 60-69



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BHARATH COLLEGE OF SCIENCE AND MANAGEMENT , THANJAVUR-5

PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

Attainment of program outcomes and course outcomes

Course Outcome-Programme Outcome Mapping

PROGRAMME OUTCOME(M.Sc FSMD)	
PO 1	Understand the core knowledge of Food Service Management and Dietetics in-depth
PO 2	Able to apply concepts and counsel dietary management in the treatment of diseases.
PO 3	Capable to develop and evaluate unique health food products to foster healthy society.
PO 4	Manage and administrate dietaries and food service outlets effectively
PO 5	Become a successful professional, entrepreneur and researcher.

NAME OF THE PROGRAM :M.SC FSMD

COURSE CODE&COURSE TITLE	COURSE OUTCOME	
	CO 1	Provide a platform to undertake innovative research for new product development
FOOD PRODUCT DEVELOPMENT(P16FSE4)	CO 2	Understand the applications of food service operations, dietetics, food chemistry
	CO 3	Gain knowledge on Recipe development
	CO 4	Develop integrated problem-solving competency and establish as scientists, research associates, food assurance officers and independent entrepreneurs
	CO 5	Competent to pursue career in the fields of hospitality service industry, food industry and health care sector



PO-CO	PO1	PO2	PO3	PO4	PO5
CO1	0	0	0	0	2
CO2	3	3	0	2	0
CO3	0	0	0	0	3
CO4	0	0	0	0	1
CO5	3	1	1	3	3
Average	1.2	0.8	0.2	1	1.8

Internal Examination Mark Distribution for each Course outcome

CO	Internal (15)	Assignment (5)	SEMINAR (5)
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1
CO5	3	1	1
Total	3	5	5



S.NO	NAME	REGISTER NO	CO1	CO2	CO3	CO4	CO5	TOTAL	TOTAL
1	N.AVANYA RAMKUMARI	P20453401	5	5	5	5	5	25	100
2	S.ARAVIND	P20453402	4	4	5	5	5	23	92
3	A.AWLIN SERABIA	P20453403	5	5	4	5	5	24	96
4	V.BHUVANESWARI	P20453404	5	5	5	5	5	25	100
5	U.DIVYA	P20453405	5	5	4	5	5	24	96
6	S.INIYASREE	P20453407	5	5	4	5	5	24	96
7	L.KARTHIK PRIYA	P20453408	5	5	4	5	5	24	96
8	N.KEERTHIKA	P20453409	4	4	5	5	5	23	92
9	N.NASIMA	P20453410	4	4	4	5	5	22	88
10	V.PARANTHAKA CHOLAN	P20453411	4	4	5	5	5	23	92
11	K.PAVITHRA	P20453412	5	5	4	5	5	24	96
12	K.PRATHIBA	P20453413	4	4	5	5	5	23	92
13	M.SAFRIN ROSE	P20453414	5	5	5	5	5	25	100
14	M.SETHUMADHAVAN	P20453416	5	5	4	5	5	24	96
15	M.SUNDARAVENIL	P20453417	5	5	5	5	5	25	100
			4.666666667	4.666667	4.533333	5	5		



Expected attainment in each CO -85%

CO	Int.Exam+Assignment	End sem	total	%
CO1	4.66	75	79.66	93.71765
CO2	4.666667	75	79.666667	93.72549
CO3	4.53333	75	79.53333	93.56862
CO4	5	75	80	94.11765
CO5	5	75	80	94.11765

COURSE ATTAINMENT FOR M.SC :FSMD

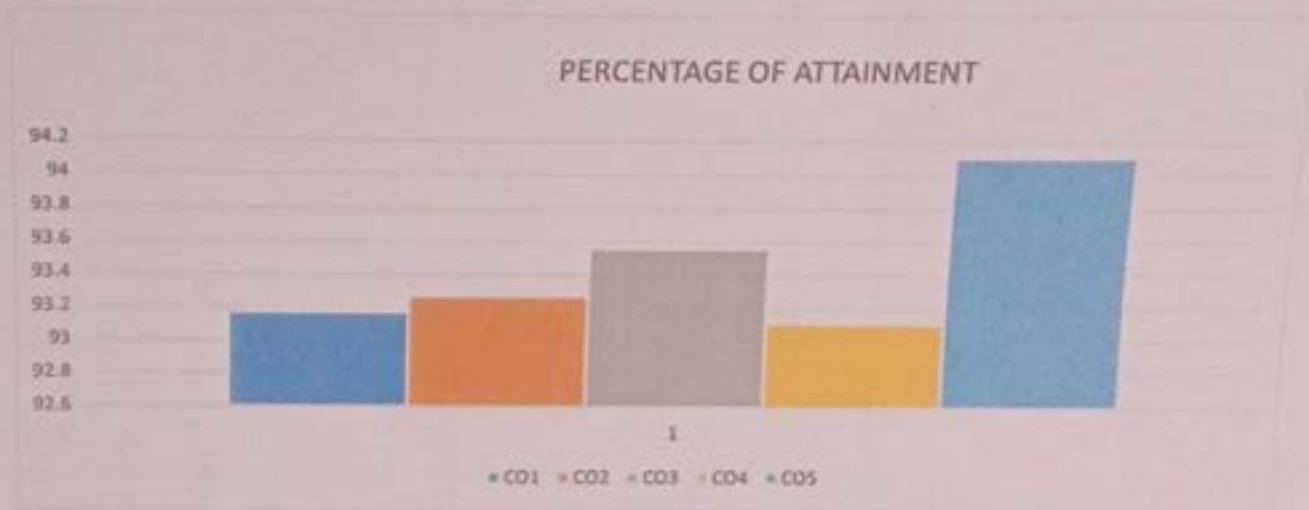
SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 15

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.17
CO2	93.27
CO3	93.56
CO4	93.11
CO5	94.11





SUBJECT NAME : FOOD PRODUCT DEVELOPMENT

SUBJECT CODE : P16FSE4

NO OF STUDENTS : 15

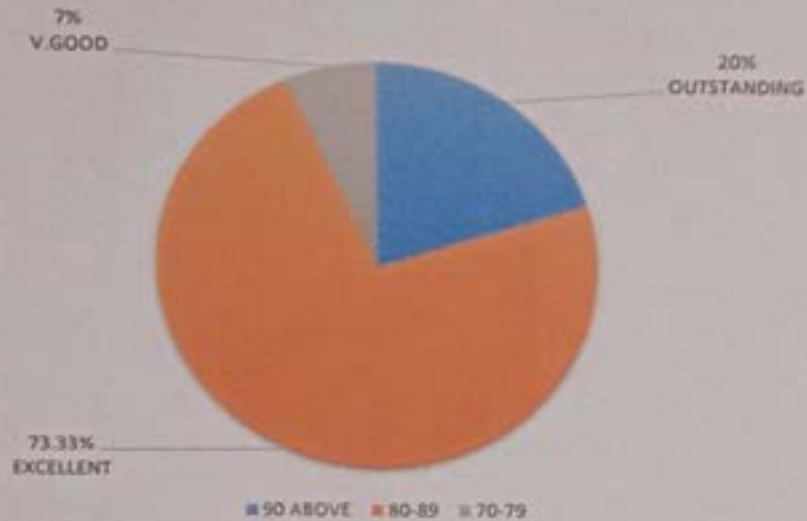
CATERGORY	NO OF STUDENTS	STATUS
90 ABOVE	3	OUTSTANDING
80-89	11	EXCELLENT
70-79	1	V.GOOD
60-69	0	GOOD
50-59	0	ABOVE AVERAGE
BELOW 50	0	RA

COURSE OUT COME ASSESSMENT IN PERCENTAGE

CATERGORY	PERCENTAGE	STATUS
90 ABOVE	20%	OUTSTANDING
80-89	73.33%	EXCELLENT
70-79	6.66%	V.GOOD



COURSE OUT COME ASSESSMENT IN PERCENTAGE



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