Sri Bhagawan Mahaveer Jain First Grade College

Geetha Road, Robertsonpet, KGF-563122

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2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

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Overview

The Institution ensures the attainment of POs and COs are practised regularly.

The choice of assessment tools enables the testing of learning levels as per Bloom's taxonomy which is suited to test the cognitive learning level of the students that the outcome demands. The attainment of POs and PSOs are measured through attainment of COs. The institution employs **Direct and Indirect Assessment** tools for the measurement of COs/POs.

Direct Assessment

The PO attainment is assessed by the Internal and University examination (Theory and Practical) Viva-Voce, Projects, Dissertation.

Indirect Assessment

The attainment is reflected in the form of Higher Studies, Result Analysis, Exit Survey, student Satisfaction survey, Feedback system, Academic Achievements, Sports Achievements and Placements.

The mapping of COs with POs and COs with PSOs are carried out by the teachers as a part of teaching-learning and evaluation plans. Each departments heads present a CO-PO attainment report to the head of the institution.

The PSOs are measured by taking the aggregate result of all courses of a programme of a student and the average performance of all the students in the programme. The assessment calculation of direct attainment is 80% and for Indirect attainment is 20%. For a course, mapping of COs to POs/PSOs is done through the CO-PO/PSO matrix.

The correlation levels are:

"1"–SLIGHTLY (LOW) CORRELATION

"2"–MODERATE (MEDIUM) CORRELATION

"3"–SUBSTANTIAL (HIGH) CORRELATION CIA contributes CBCS 30% IA and End Semester Examinations (ESE) 70% for NEP 40% IA and 60% ESE

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Bloom's taxonomy

Bloom's taxonomy of learning has evolved over time and is a tool commonly used to write learning outcomes and classifies learning outcomes according to the following 3domains. For each domain, you can select from a list of measurable verbs. These verbs are measurable in the sense that they can be demonstrated by the learner and therefore they can be assessed. For each domain, measurable verbs are categorized and arranged on a spectrum from simple to complex, concrete to abstract.

LEVEL	DESCRIPTION	MEANING	ACTION VERBS
6	Creating	Can the student create a new product or POV?	Assemble, construct, create, change, combine, compose, design, develop, formulate, invent, modify, organize, propose, theorize, write
5	Evaluating	Can the student justify a stand or decision?	Appraise, agree, assess, argue, conclude, decide, defend, judge, prioritize, prove, rate, recommend, select, support, value
4	Analyzing	Can the student distinguish between different parts?	Contrast, compare, criticize, differentiate, discriminate, dissect, distinguish, examine, experiment, operate, question, simplify, test
3	Applying	Can the student use information in a new way?	Choose, demonstrate, dramatize, employ, illustrate, interpret, schedule, sketch, solve, use
2	Understanding	Can the student explain ideas and concepts?	Classify, describe, discuss, explain, identify, infer, locate, outline paraphrase, recognize, report, summarize, select, translate
1	Remembering	Can the student recall or remember information?	Define, duplicate, find, list, label, match, memorize, name, omit, recall, repeat, state, spell, tell

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Assessment Process

Attainment of COs can be measured Direct and Indirect Assessment. Direct attainment of COs can be determined from the performance of students in internal assessments/assignment and in University Examination of a course.

DIRECT ASSESSMENT

Internal Test, Project, Internship, Field Visits and University Examinations

INDIRECT ASSESSMENT

Higher Studies, Result Analysis, Exit Survey, student Satisfaction survey and Feedback system.

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Exit Survey, Student Satisfaction Survey and Feedback System

Format of Questionnaire used for Exit Survey

Questionnaire Format Assessment of Abilities, Skills and Attributes acquired at Department of Commerce and Management, **Sri Bhagawan Mahaveer Jain First Grade College, KGF**
Please rate each of the following items in terms of how well your education was at Jain College
1: Minimum 5: Maximum
Email address:
Name :
Batch :
Register No :
Excellent: 5, Very Good: 4, Good: 3, Satisfactory: 2, Poor: 1

	Parameters	**Response**				
PO1	Knowledge level obtained by the student is excellent	5	4	3	2	1
PO2	Course develops on reasoning and analytical ability	5	4	3	2	1
PO3	The Course helps in identifying the problem and finding solutions	5	4	3	2	1
PO4	Modern Tools Usage	5	4	3	2	1
PO5	Developing their own ethical decision-making process.	5	4	3	2	1
PO6	Developing the Communication and Attitude	5	4	3	2	1
PO7	Employability & Entrepreneurial Skills	5	4	3	2	1
PO8	Course has applicability to the real life situations and it is a lifelong learning process	5	4	3	2	1

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FINANCIAL ACCOUNTING

Course Outcomes (COs), Program Outcomes (POs) and Attainments					
Academic Year :	2019-2020	Sem :	I	Name :	Ms. SHARMILA
Course Code :	1.3			Course :	FINANCIAL ACCOUNTING

COURSE OUTCOMES (COs):

1	Student would be able to understand Basics of Accounting Concepts.
2	The objective is to learn the Role of Financial Manager in an organisations
3	Candidate Can solve problems on Accounting in partnership, Comapany and Soleprorietor
4	Student is able to Preparare Balance sheet
5	Candidate is able to Understand concept of Royalty and able to slove problems on royalty account
6	Candidate can enhance knowledge on IPOs by making investments.

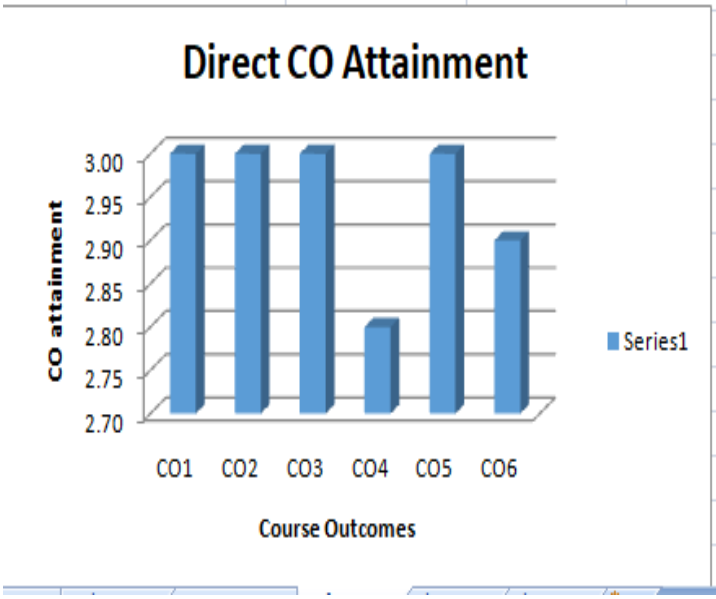
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

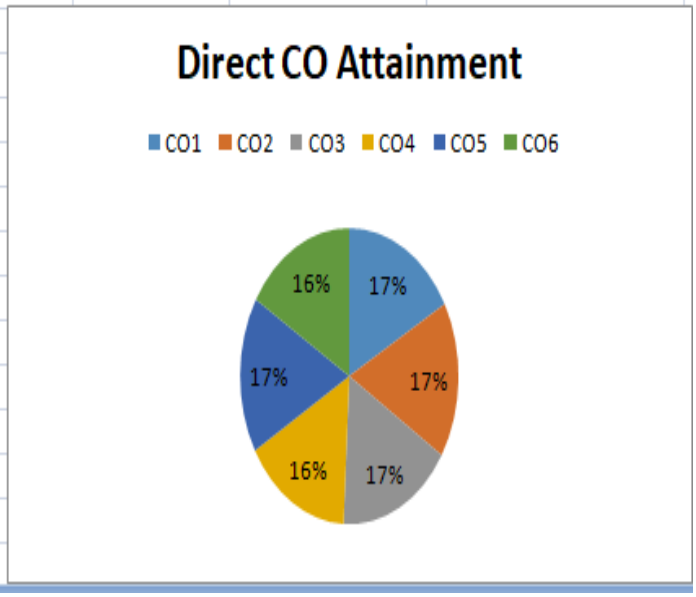
Academic Year :		2019-2020	Sem :	I			Name :			Ms. SHARMILA							
Course Code :		1.3					Course :			FINANCIAL ACCOUNTING							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10		8	6	10	2	10	10	10	10.0	100.0	10	54	77
2	REENA A	C1915002	10	6		6	10	4	10	10	10	10.0	100.0	10	44	63
3	AARIFA HIRATH	C1915003	10		3	2	10	2	9	9	9	9.0	90.0	10	54	77
4	ABHISHEK R	C1915004	10	6	8	7	10		10	10	10	10.0	100.0	10	31	44
5	ABITHA K	C1915005	10	7	6		10	8	10	10	10	10.0	100.0	10	50	71

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	153	147	152	151	153	145				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	153	109	143	60	102	64				153		153		90
% of students secured > 60% marks	100	74.1	94.1	39.7	66.7	44.1				100		100.0		58.8
CO Attainment level	3	3	3	1	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	1	3	3	2.33	3	2.80
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	
CO2	2	1	2	1		2		
CO3	3	2		2	1	3	3	2
CO4	2		1			2		
CO5	2	2	3	2	2	2	2	2
CO6	3		2					
AVG	2.50	0.83	1.33	0.83	0.50	1.50	1.33	0.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.50	0.83	1.33	0.83	0.50	1.50	1.33	0.67
Attainment	2.46	0.82	1.31	0.82	0.49	1.48	1.31	0.66
Average PO Attainment								1.17

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MARKETING AND SERVICES MANAGEMENT

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	II	Name :	Mr. BALAKRISHNA A
Course Code :	1.5			Course :	MARKETING AND SERVICES MANAGEMENT

COURSE OUTCOMES (COs):

1	Student will understanf the basics of Marketing Environment.
2	Graduate able t analyse SWOT
3	Student is capable of Research and interpretationof data.
4	Candidate collects various Case studies and Problem solving.
5	To enhance Knowledge on global marketing
6	Able to adopt Mobile Marketing

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Mr. BALAKRISHNA A
Course Code :	1.5			Course :	MARKETING AND SERVICES MANAGEMENT

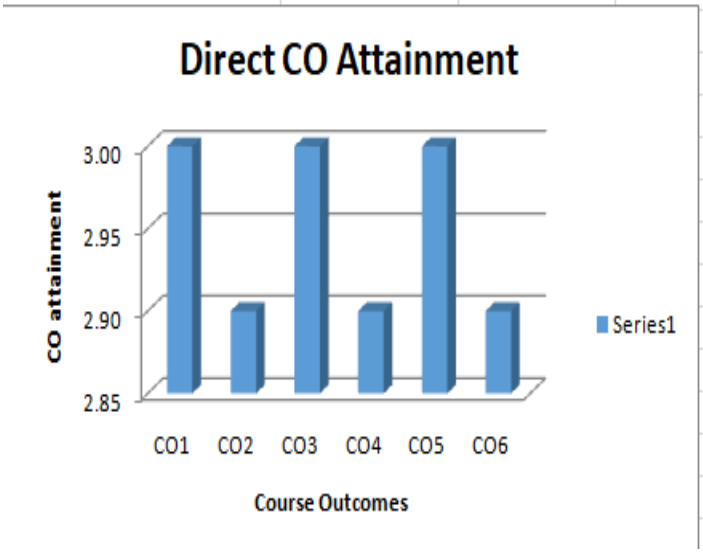
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10		8	6	10	2	10	10	10	10.0	100.0	10	42	60
2	REENA A	C1915002	10	6		6	10	4	10	10	10	10.0	100.0	10	25	36
3	AARIFA HIRATH	C1915003	10		3	2	10	2	9	9	9	9.0	90.0	10	48	69
4	ABHISHEK R	C1915004	10	6	8	7	10		10	10	10	10.0	100.0	10	30	43
5	ABITHA K	C1915005	10	7	6		10	8	10	10	10	10.0	100.0	10	54	77

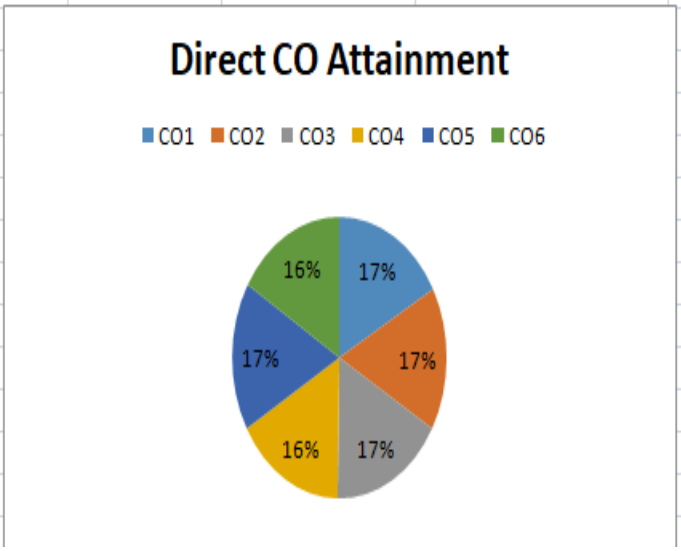
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	137	147	125	151	121	145				153		153		152
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	129	77	116	81	86	64				153		153		88
% of students secured > 60% marks	94.2	52.4	92.8	53.6	71.1	44.1				100		100.0		57.9
CO Attainment level	3	2	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3				2			1
CO2	2				2	2		1
CO3	2				2	2	2	2
CO4	3				2	2	1	3
CO5	3			1	3	2	2	3
CO6	3	2	2	2	2	3	2	3
AVG	2.67	0.33	0.33	0.50	2.17	1.83	1.17	2.17

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.67	0.33	0.33	0.50	2.17	1.83	1.17	2.17
Attainment	2.62	0.33	0.33	0.49	2.13	1.80	1.15	2.13
Average PO Attainment								1.37

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INDIAN FINANCIAL SYSTEM

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	II	Name :	Mr. PRAVEEN
Course Code :	1.4			Course :	INDIAN FINANCIAL SYSTEM

COURSE OUTCOMES (COs):

1	To enhance the knowledge on Indian Financial System
2	Awareness is created on various Financial instruments
3	Candidate would focus on Recent trends in Banking
4	Students is capable of making Digital transactions
5	To understand the Role of financial institutions in Indian economy
6	To update him/herself through Mobile Banking

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Mr. PRAVEEN
Course Code :	1.4			Course :	INDIAN FINANCIAL SYSTEM

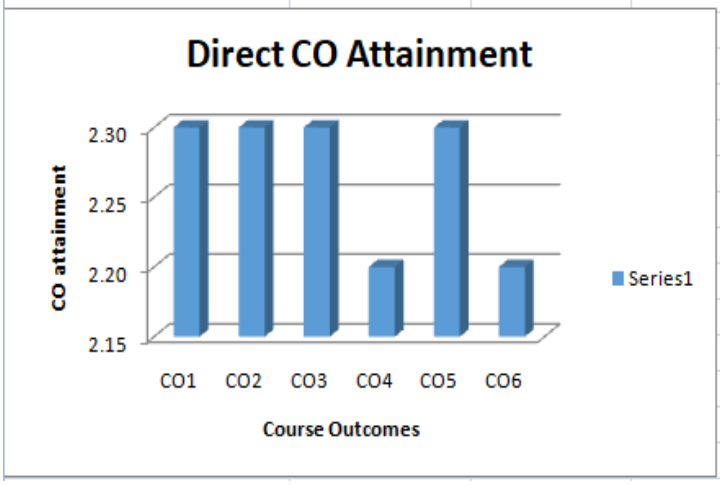
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10		8	6	10	2	10	10	10	10.0	100.0	10	29	41
2	REENA A	C1915002	10	6		6	10	4	10	10	10	10.0	100.0	10	25	36
3	AARIFA HIRATH	C1915003	10		3	2	10	2	9	9	9	9.0	90.0	10	16	23
4	ABHISHEK R	C1915004	10	6	8	7	10		10	10	10	10.0	100.0	10	7	10
5	ABITHA K	C1915005	10	7	6		10	8	10	10	10	10.0	100.0	10	25	36

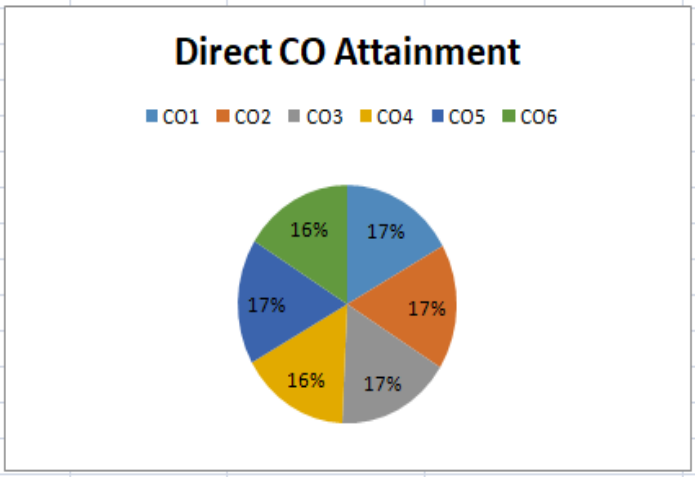
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	153	147	152	151	153	145				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	153	109	143	88	102	64				153		153		63
% of students secured > 60% marks	100	74.1	94.1	58.3	66.7	44.1				100		100.0		41.2
CO Attainment level	3	3	3	2	3	2				3		3		2

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	2	2.30
CO2	3	3	3	3.00	2	2.30
CO3	3	3	3	3.00	2	2.30
CO4	2	3	3	2.67	2	2.20
CO5	3	3	3	3.00	2	2.30
CO6	2	3	3	2.67	2	2.20
Average CO Attainment						2.27





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3		3			1
CO2	2				3	2		1
CO3	2				3	3	2	2
CO4	3				2	2	1	3
CO5	3		3	1	3	2	2	3
CO6	3	2	2	2	2	3	2	3
AVG	2.67	0.33	1.33	0.50	2.67	2.00	1.17	2.17

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.27

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.67	0.33	1.33	0.50	2.67	2.00	1.17	2.17
Attainment	2.01	0.25	1.01	0.38	2.01	1.51	0.88	1.64
Average PO Attainment								1.21

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CORPORATE ADMINISTRATION / METHODS AND TECHNIQUES FOR BUSINESS DECISION

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	II	Name :	Mr. RAGHAVENDRA RAO/ Ms. ARUNA
Course Code :	1.6 A/B			Course :	CORPORATE ADMINISTRATION / MTBD

COURSE OUTCOMES (COs):

1	To Understand the Basics of corporate Law/To Understand Basics of number system
2	Student is able to understand the Procedure for formation of Company/Ability to solve quadratic equations by using various methods
3	Able to analyse the Role of General Manager, BOD and Promoters in formation of a Company/Student can solve matrices.
4	Candidate has potential to collect Case studies and Problem solvingStudents could Calculate rate of Interest (on Dividends).
5	To enhance knowledge by Conductiong various meetings/Understood the Concept of Bills Discouting and able to solve problems
6	Student is able to differentiate various companies/Can Calculate Ratios in admissions, death of a partner

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

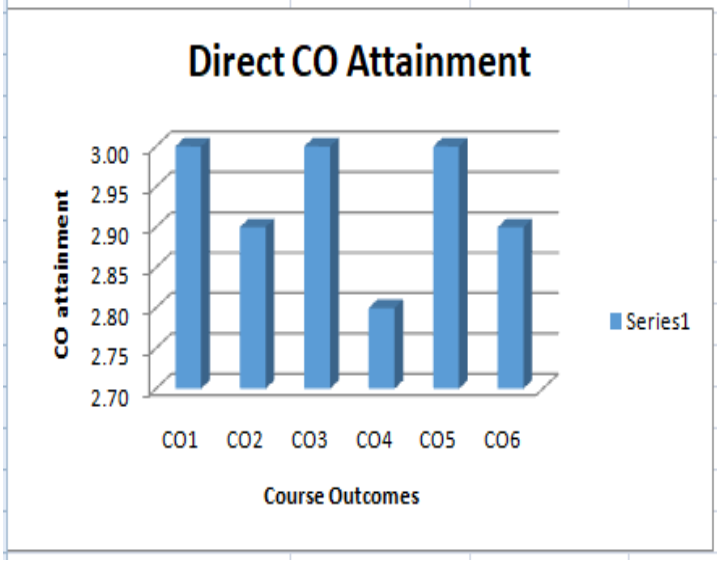
Academic Year :		2019-2020	Sem :	I				Name :				Mr. RAGHAVENDRA RAO/ Ms. ARUNA					
Course Code :		1.6 A/B						Course :				CORPORATE ADMINISTRATION / MTBD					
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10		8	6	10	2	10	10	10	10.0	100.0	10	42	60
2	REENA A	C1915002	10	6		6	10	4	10	10	10	10.0	100.0	10	25	36
3	AARIFA HIRATH	C1915003	10		3	2	10	2	9	9	9	9.0	90.0	10	48	69
4	ABHISHEK R	C1915004	10	6	8	7	10		10	10	10	10.0	100.0	10	30	43
5	ABITHA K	C1915005	10	7	6		10	8	10	10	10	10.0	100.0	10	54	77

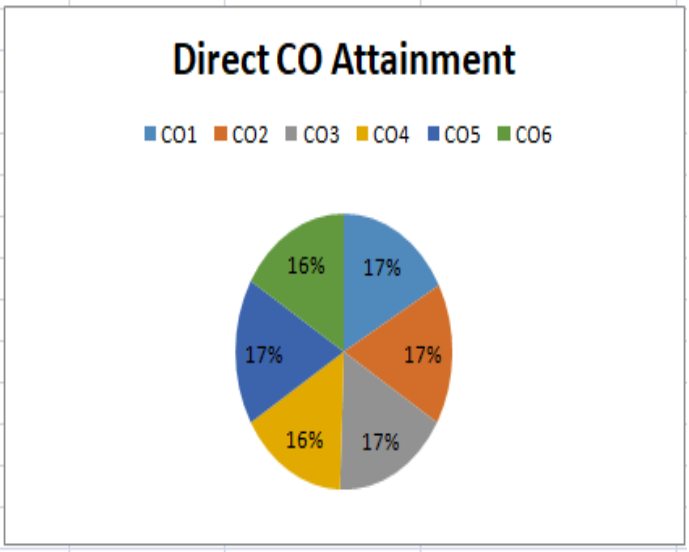
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	133	131	121	133	121	145				153		153		152
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	119	64	112	50	86	64				153		153		85
% of students secured > 60% marks	89.5	48.9	92.6	37.6	71.1	44.1				100		100.0		55.9
CO Attainment level	3	2	3	1	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	1	3	3	2.33	3	2.80
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3				2			1
CO2	2				2	2		1
CO3	2				2	2	2	2
CO4	3				2	2	1	3
CO5	3			1	3	2	2	3
CO6	3	2	2	2	2	3	2	3
AVG	2.67	0.33	0.33	0.50	2.17	1.83	1.17	2.17

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.67	0.33	0.33	0.50	2.17	1.83	1.17	2.17
Attainment	2.61	0.33	0.33	0.49	2.12	1.79	1.14	2.12
Average PO Attainment								1.36

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ADVANCED FINANCIAL ACCOUNTING

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2020-2021	Sem :	II	Name :	Ms. SHAMALA
Course Code :	2.3			Course :	ADVANCED FINANCIAL ACCOUNTING

COURSE OUTCOMES (COs):

1	Students will learn basics in Accounting Treatment.
2	Students will Study of Various Accounting Standards.
3	Candidates will learn to Maintaining Accounts of different Firms
4	Graduates will learn the different types of commissions
5	Candidates will learn types of insurance
6	Students will be able to draft the Proforma of Invoice

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

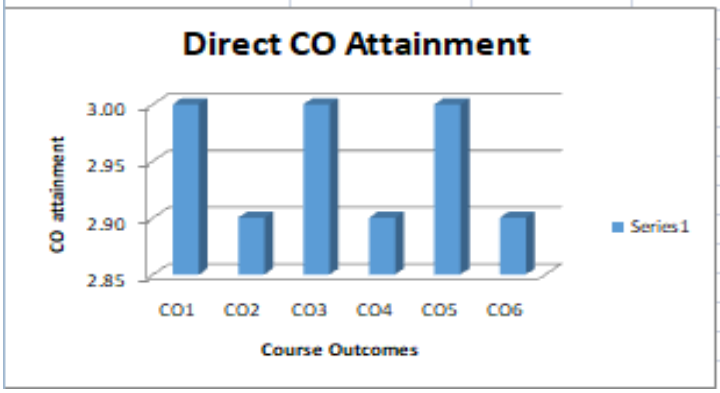
Academic Year :		2020-2021	Sem :	II				Name :				Ms. SHAMALA			
Course Code :		2.3						Course :				ADVANCED FINANCIAL ACCOUNTING			
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	60	86
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	56	80
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	61	87
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	51	73
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	59	84

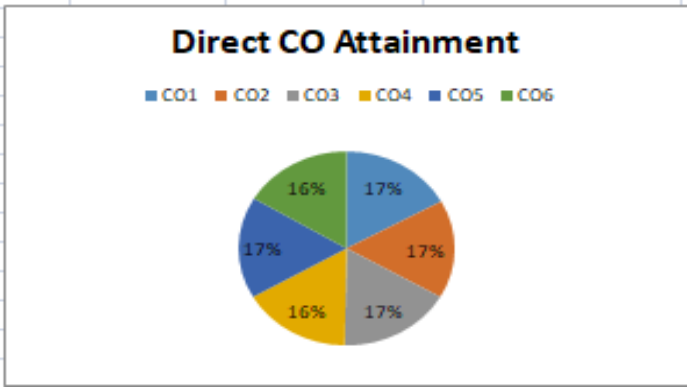
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	98	89	75	91	76	110				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	82	50	70	42	56	58				153		153		152
% of students secured > 60% marks	83.7	56.2	93.3	46.2	73.7	52.7				100		100.0		99.3
CO Attainment level	3	2	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3			3		1	
CO2	2				3			
CO3	2			3	2	2		3
CO4	3	3			2		3	
CO5	3			3	3		2	
CO6	3	2						3
AVG	2.67	1.33	0.00	1.00	2.17	0.33	1.00	1.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.67	1.33	0.00	1.00	2.17	0.33	1.00	1.00
Attainment	2.62	1.31	0.00	0.98	2.13	0.33	0.98	0.98
Average PO Attainment								1.17

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RETAIL MANAGEMENT

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2020-2021	Sem :	II	Name :	Mr. MADHUASHWINI
Course Code :	2.4			Course :	RETAIL MANAGEMENT

COURSE OUTCOMES (COs):

1	Students will learn the Basics of Retail Marketing Environment.
2	Students will carry SWOT analysis in the Departmental stores.
3	Research and interpretation is carried based on the collected data from the retailers
4	Case studies will be carried on factory and Brand outlets at Kolar.
5	Knowledge on global marketing will be enhanced.
6	Students will learn to operate Mobile Marketing Applications.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	II	Name :	Mr. MADHUASHWINI
Course Code :	2.4			Course :	RETAIL MANAGEMENT

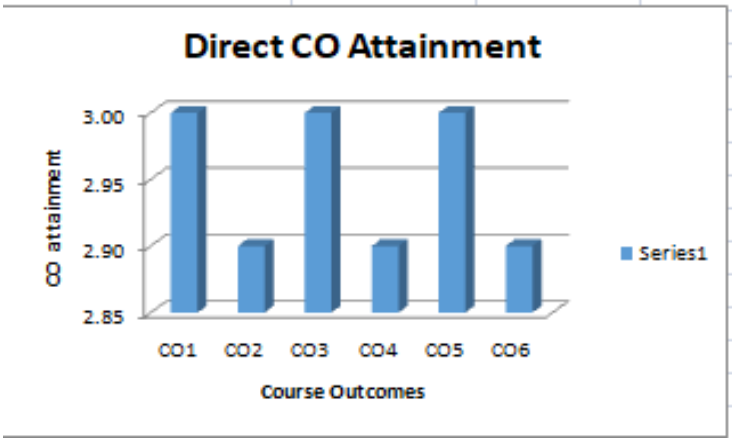
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	60	86
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	56	80
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	61	87
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	51	73
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	59	84

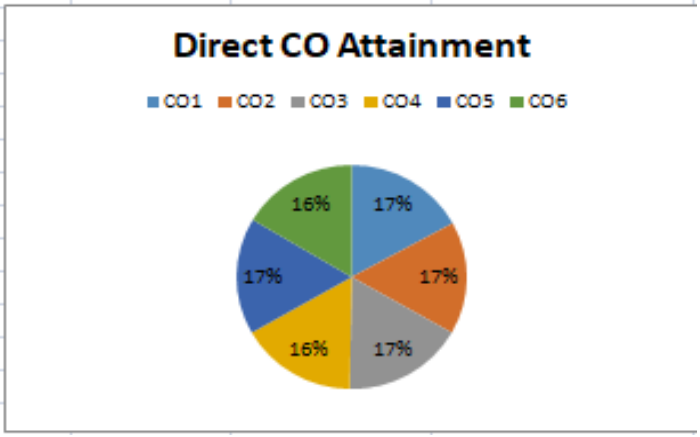
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	98	89	75	91	73	107				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	82	50	70	42	53	58				153		153		145
% of students secured > 60% marks	83.7	56.2	93.3	46.2	72.6	54.2				100		100.0		94.8
CO Attainment level	3	2	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	
CO2	2	1	2	3		2		
CO3	3	2		2	3	3	3	2
CO4	2		2			2		
CO5	2	3	3	2	3	2	3	3
CO6	3		2					
AVG	2.50	1.00	1.50	1.17	1.00	1.50	1.50	0.83

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.50	1.00	1.50	1.17	1.00	1.50	1.50	0.83
Attainment	2.46	0.98	1.48	1.15	0.98	1.48	1.48	0.82
Average PO Attainment								1.35

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BANKING LAW AND OPERATIONS

COURSE OUTCOMES (COs):

1	Candidate can understand basics of Banking Law and its significance in daily life
2	Student is exposed to collect the specimen copy of different types of cheques from various banks
3	A detailed Study conducted on Customer services offered by Banks
4	Students have carried a Micro Project on Procedure in Nationalising the Banks
5	Students have gained knowledge on various Government Securities
6	A Study was conducted to know about Non Performing Assets and Government measures taken to mitigate NPAs.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	II	Name :	Mr. PRAVEEN
Course Code :	2.5			Course :	BANKING LAW AND OPERATION

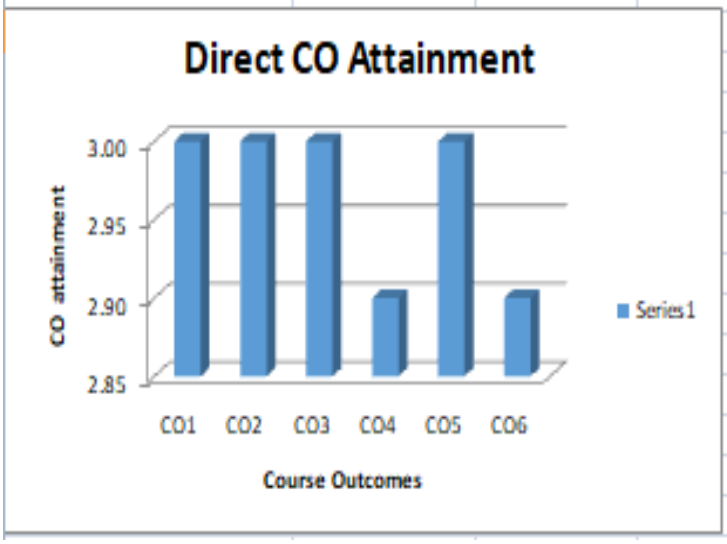
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	70	100
2	REENA A	C1915002	10		6	10			10	10	10	10.0	100.0	10	65	93
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	56	80
4	ABHISHEK R	C1915004		10		10	10		10	10	10	10.0	100.0	10	51	73
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	59	84

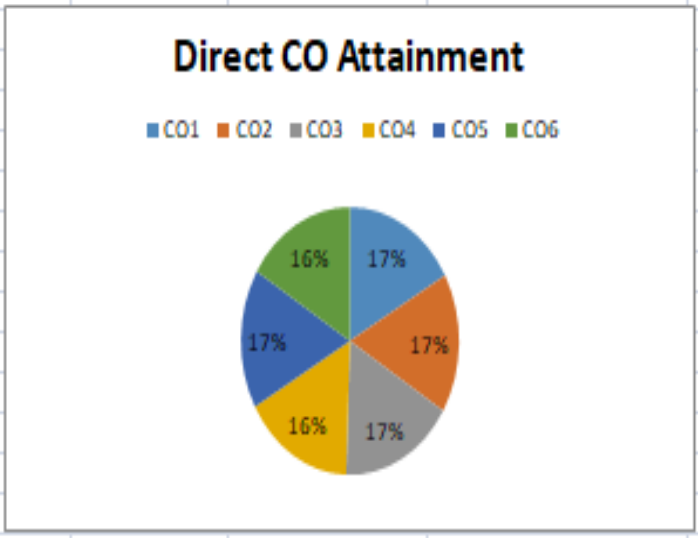
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	98	74	45	93	74	107				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	86	45	39	44	54	58				153		153		146
% of students secured > 60% marks	87.8	60.8	86.7	47.3	73	54.2				100		100.0		95.4
CO Attainment level	3	3	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	
CO2	2	1	2	3		2		
CO3	3	2		2	3	3	3	2
CO4	2		2			2		
CO5	2	3	3	2	3	2	3	3
CO6	3		2					
AVG	2.50	1.00	1.50	1.17	1.00	1.50	1.50	0.83

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.50	1.00	1.50	1.17	1.00	1.50	1.50	0.83
Attainment	2.47	0.99	1.48	1.15	0.99	1.48	1.48	0.82
Average PO Attainment								1.36

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QUANTITATIVE ANALYSIS FOR BUSINESS DECISION - I

COURSE OUTCOMES (COs):

1	Students will learn Introduction to Business Statics
2	Candidates will solve problems of Average, mean median and mode
3	Students will apply Karl Perason's Co relation Model in Business from the collected data
4	Students will Prepare of Model Quesstionnaire
5	Presentation of Data in Graphs and Diagrams will be carried by the by the students
6	Predicting the Trend of a company based on the past sales

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	II	Name :	Ms. ARUNA	
Course Code :	2.6			Course :	QUANTITATIVE ANALYSIS FOR BUSINESS DECISION - I	

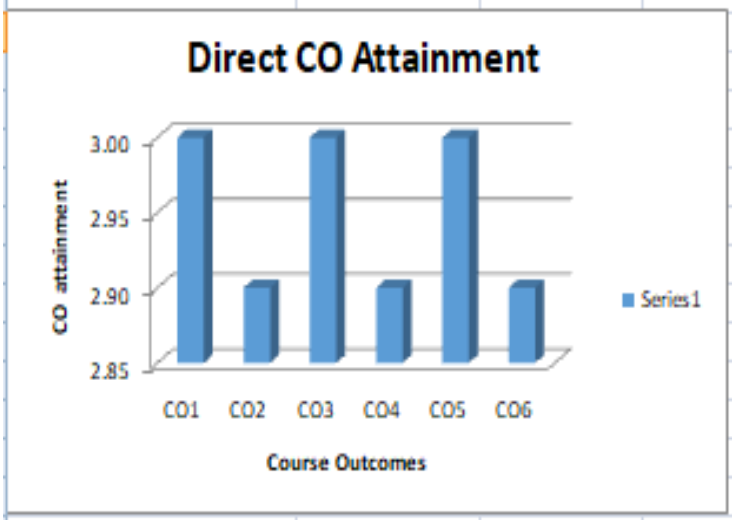
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	40	57
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	37	53
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	55	79
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	60	86
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	51	73

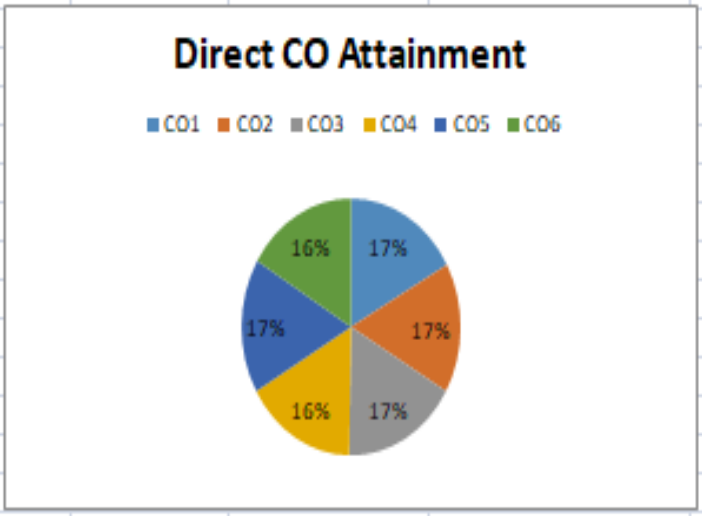
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	87	85	67	83	61	99				153		153		140
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	78	50	62	38	48	54				153		153		129
% of students secured > 60% marks	89.7	58.8	92.5	45.8	78.7	54.5				100		100.0		92.1
CO Attainment level	3	2	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		2		1	3	1	3
CO2	3	2	3	3	3	2	2	
CO3	3	3	3	3	3	3		2
CO4	3			3	3	3	3	3
CO5	3	3	3	3				3
CO6	3	1	2	1	2		2	2
AVG	3.00	1.50	2.17	2.17	2.00	1.83	1.33	2.17

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	3.00	1.50	2.17	2.17	2.00	1.83	1.33	2.17
Attainment	2.95	1.48	2.13	2.13	1.97	1.80	1.31	2.13
Average PO Attainment								1.99

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CORPORATE ACCOUNTING

COURSE OUTCOMES (COs):

1	Understanding the basiscs of Corporate Accounting in an entity
2	Student will learn and understand the different Types of Shares traded in an organization
3	Student will be able to solve problems on Discharge of Purchase Consideration
4	Demonstration is carried in Internal Reconstruction of accounts
5	Student is able to Prepare accounts in Lessor and Lessee books
6	Student can Prepare of RECONSTRUCTION Balance sheet

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

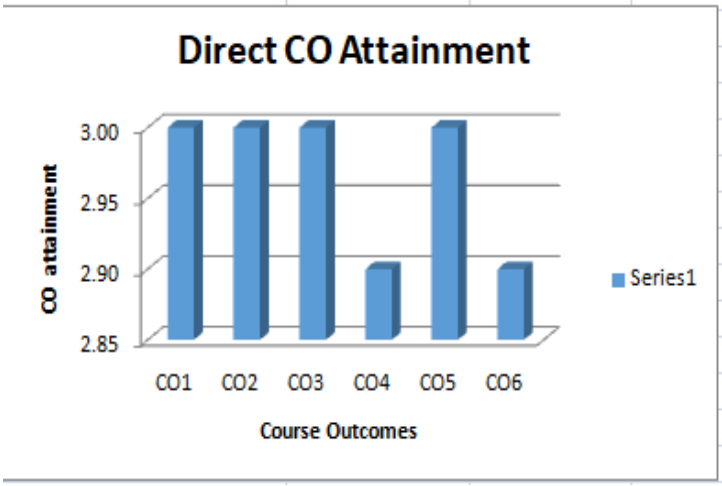
Academic Year :		2020-2021	Sem :	III				Name :				Ms. KASTURI L			
Course Code :		3.3						Course :				CORPORATE ACCOUNTING			
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	35	50
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	41	59
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	38	54
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	8	11
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	25	36

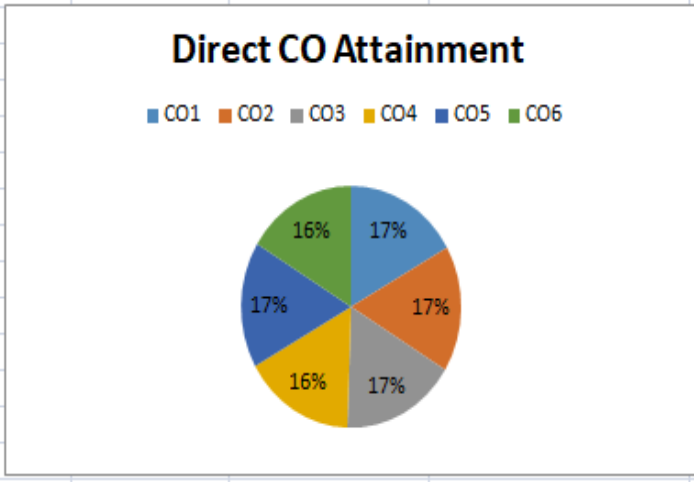
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	93	83	75	86	70	98				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	82	50	70	37	53	50				153		153		102
% of students secured > 60% marks	88.2	60.2	93.3	43	75.7	51				100		100.0		66.7
CO Attainment level	3	3	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	3	3		3		
CO2	3	3		3	3		3	3
CO3	3	3	3					
CO4	3	3	3	3		3	3	3
CO5	3	3	3	3	3	3	2	
CO6	3	1	3		2	3		3
AVG	3.00	2.50	2.50	2.00	1.33	2.00	1.33	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	3.00	2.50	2.50	2.00	1.33	2.00	1.33	1.50
Attainment	2.97	2.47	2.47	1.98	1.32	1.98	1.32	1.48
Average PO Attainment								2.00

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FINANCIAL MANAGEMENT

COURSE OUTCOMES (COs):

1	Student will learn the basic concept of Financial Management
2	Student can Prepare Cost sheet
3	Student able to collect and draft a brief format of cost sheet
4	Candidate can solve problems on material cost sheet
5	Student will enhance Knowledge on LIFO and FIFO
6	Students will be able to Acquire knowledge and allocate funds in industries

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Mr. HARISH G
Course Code :	3.4			Course :	FINANCIAL MANAGEMENT

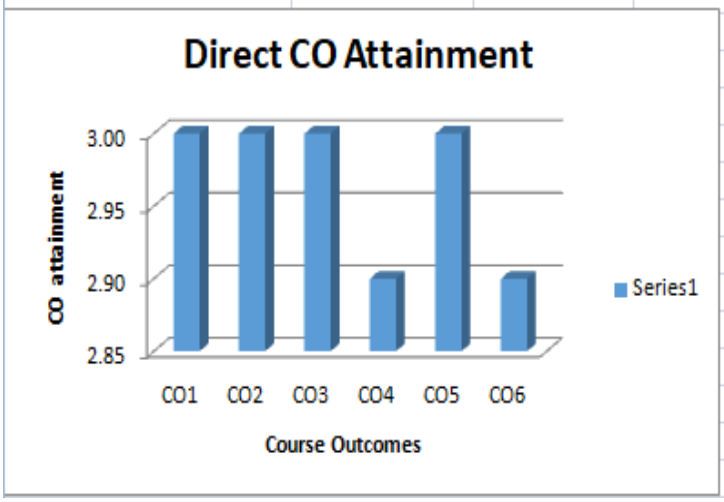
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	45	64
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	39	56
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	54	77
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	25	36
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	51	73

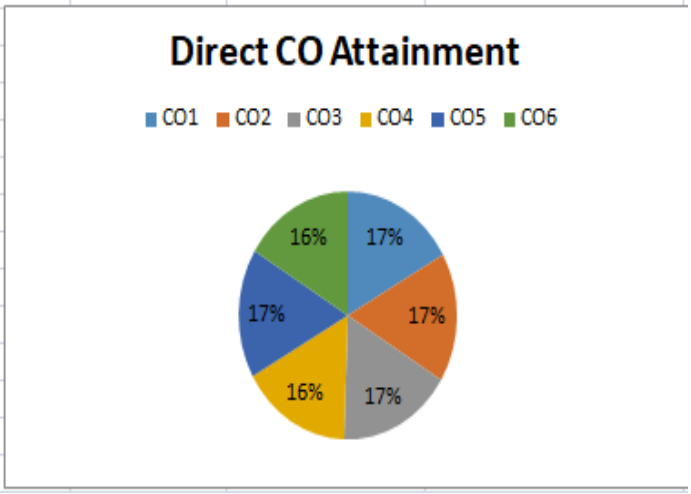
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	100	83	77	86	71	99				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	86	50	72	37	54	51				153		153		116
% of students secured > 60% marks	86	60.2	93.5	43	76.1	51.5				100		100.0		75.8
CO Attainment level	3	3	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3		3	3	3	3
CO2	3	2			3	3		
CO3	3	3	3	3	3	2		2
CO4	3	3	3		2			2
CO5	3	3	3	3	3	3	3	
CO6	3		3	3	3	3	3	3
AVG	3.00	1.83	2.50	1.50	2.83	2.33	1.50	1.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B. COM	3	1	1	1	1	2	1	1
AVG	3.00	1.83	2.50	1.50	2.83	2.33	1.50	1.67
Attainment	2.97	1.81	2.47	1.48	2.80	2.31	1.48	1.65
Average PO Attainment								2.12

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BUSINESS ETHICS

COURSE OUTCOMES (COs):

1	Students will learn and Implement ethics in personal and professional life
2	Astudy is conducted on the various Philosophers of different Era's
3	A brief Case study is done on various organisations
4	Student will learn Corporate Social Responsibility and its role in Societal Development
5	Student will learn the amended Company law 2013
6	Enhance Knowledge on Ethical aspects to be implemented in an organisation

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Ms. HARSHINI K J
Course Code :	3.5			Course :	BUSINESS ETHICS

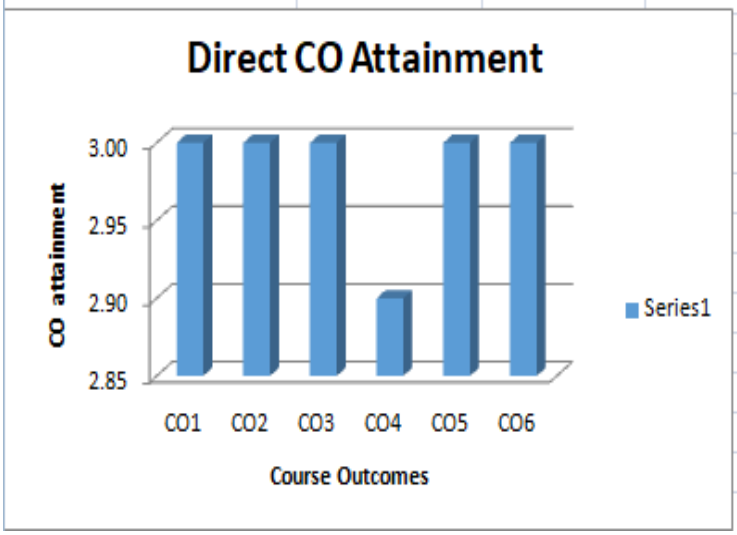
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	54	77
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	54	77
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	65	93
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	33	47
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	41	59

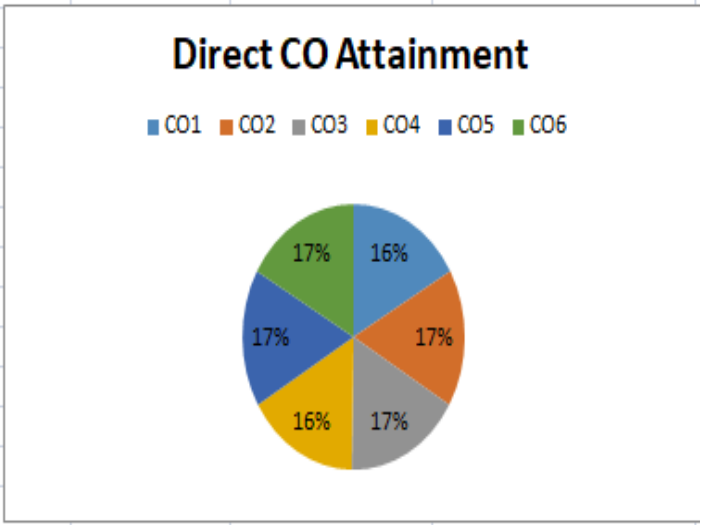
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	100	66	55	64	49	82				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	86	41	50	27	43	51				153		153		124
% of students secured > 60% marks	86	62.1	90.9	42.2	87.8	62.2				100		100.0		81.0
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	2	
CO2	3		3		3		3	
CO3	3			3	2	3	3	3
CO4	3	3	3	3	3	3	3	2
CO5	2	1	1	1	3	3	2	3
CO6	3	3	3	3	3	3	3	1
AVG	2.83	1.67	2.17	2.17	2.83	2.50	2.67	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	2.83	1.67	2.17	2.17	2.83	2.50	2.67	1.50
Attainment	2.82	1.66	2.15	2.15	2.82	2.49	2.65	1.49
Average PO Attainment								2.28

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QUANTITATIVE ANALYSIS FOR BUSINESS DECISION - II

COURSE OUTCOMES (COs):

1	Student will Collect and interpretation Data of SSI located at K G F
2	Student can Forecaste Sales, profit demand of an organisation by the past collected data
3	Student will learn the need of collecting samples
4	Applies His/Her knowledge on various Statistical techniques in an organisation
5	A detailed Study of Hypothesis is done based on the collected data
6	Candidate is able to Present data in Graphs.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Ms. ARUNA		
Course Code :	3.6			Course :	QUANTITATIVE ANALYSIS FOR BUSINESS DECISION - II		

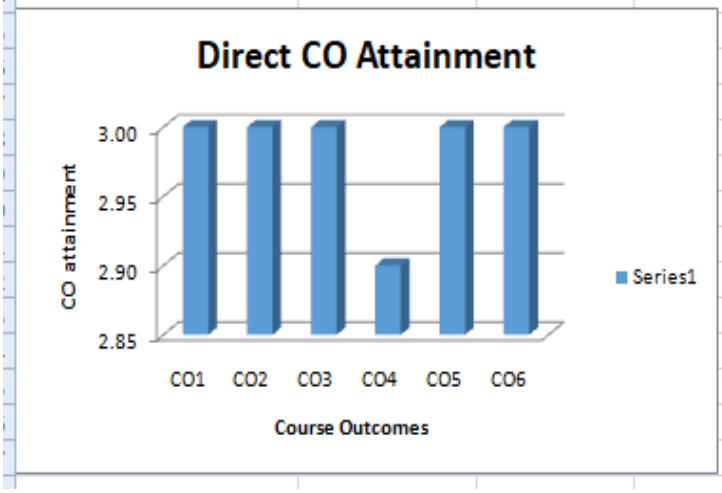
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	46	66
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	14	20
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	63	90
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	2	3
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	38	54

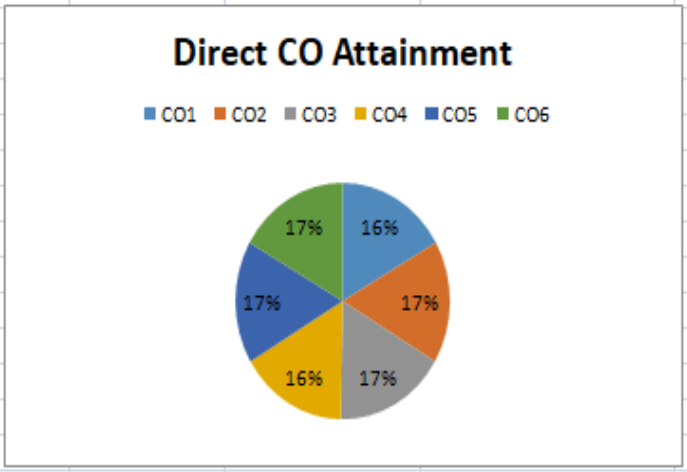
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	102	66	57	67	48	83				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	88	41	52	30	45	52				153		153		93
% of students secured > 60% marks	86.3	62.1	91.2	44.8	93.8	62.7				100		100.0		60.8
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	3	3		
CO2	3	2	3	2				
CO3	2	3	3	2		3		2
CO4	3	3	3	3	3		2	2
CO5	3	2	1	2	3			2
CO6	3	3	3	3				3
AVG	2.83	2.67	2.50	2.50	1.50	1.00	0.33	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
3.6	3	1	1	1	1	2	1	1
AVG	2.83	2.67	2.50	2.50	1.50	1.00	0.33	1.50
Attainment	2.82	2.65	2.49	2.49	1.49	0.99	0.33	1.49
Average PO Attainment								1.84

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PUBLIC RELATIONS AND CORPORATE COMMUNICATION

COURSE OUTCOMES (COs):

1	Student is able to understand basics in PUBLIC RELATIONS AND CORPORATE COMMUNICATION
2	A study is carried on Setting of goal in Personal and Personnel life
3	Student will learn the Importance of attitude
4	Candidate enhances Speaking skills in Public
5	Students Creativity and innovation is enhanced by conducting various events
6	The study results in Building a communication gap

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Ms. HARSHINI K J
Course Code :	3.7			Course :	PUBLIC RELATIONS AND CORPORATE COMMUNICATION

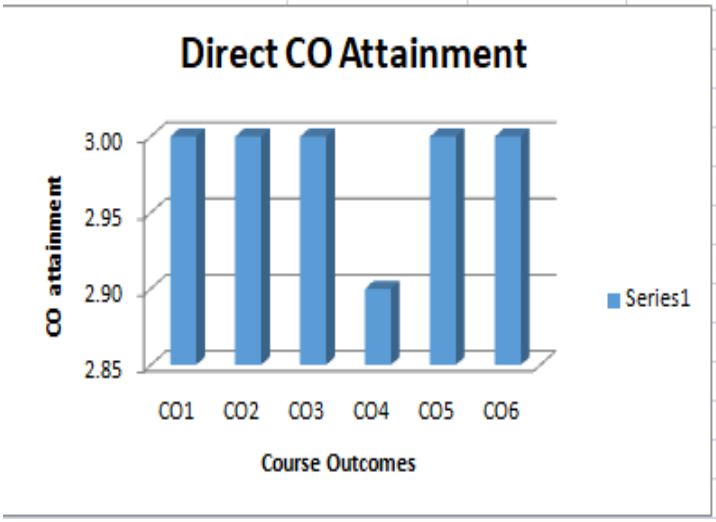
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	35	50
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	41	59
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	38	54
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	8	11
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	25	36

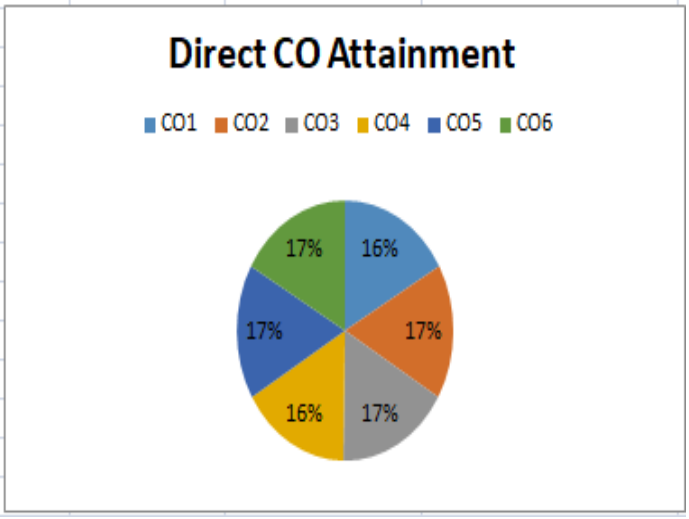
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	102	66	53	68	45	84				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	88	41	48	31	43	53				153		153		104
% of students secured > 60% marks	86.3	62.1	90.6	45.6	95.6	63.1				100		100.0		68.0
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3	3			3	
CO2	3	3			3	3	3	
CO3	3	3	3					3
CO4	3	3	3	3	3	3		
CO5	3	1	1		3	3	3	3
CO6	3	2	2	3	3		2	
AVG	3.00	2.00	2.00	1.50	2.00	1.50	1.83	1.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	1	1	1	1	2	1	1
AVG	3.00	2.00	2.00	1.50	2.00	1.50	1.83	1.00
Attainment	2.98	1.99	1.99	1.49	1.99	1.49	1.82	0.99
Average PO Attainment								1.84

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ADVANCED CORPORATE ACCOUNTING

COURSE OUTCOMES (COs):

1	Student will learn the concept of Advanced corporate accounting and its significance
2	Student will learn how to Valuate Shares
3	student will learn the Procedure for winding up of a company
4	Student can Calculate Statement of Liquidation
5	Students would be able to calculate the accounts of preference Shares
6	Student studies the amended Company Law 2013

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

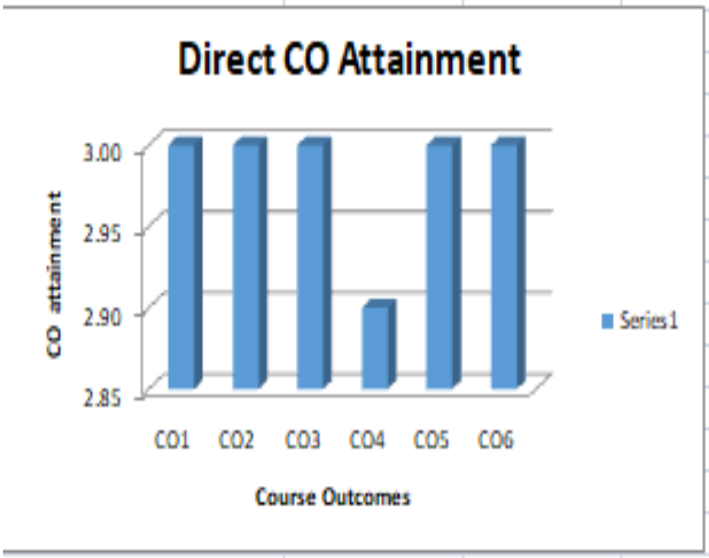
Academic Year :		2019-2020	Sem :	IV			Name :		MS. SANDHYA							
Course Code :		4.3					Course :		ADVANCED CORPORATE ACCOUNTING							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10	10	8	10	10	10	10	10	10	10.0	80.0	8	62	89
2	REENA A	C1915002	10	6	8	10	10	10	10	10	10	10.0	60.0	6	58	83
3	AARIFA HIRATH	C1915003	10	10	8	10	8	10	9	9	9	9.0	80.0	8	64	91
4	ABHISHEK R	C1915004	10	10	8	10	8	10	10	10	10	10.0	60.0	6	53	76
5	ABITHA K	C1915005	10	10	8	10	8	10	10	10	10	10.0	80.0	8	60	86

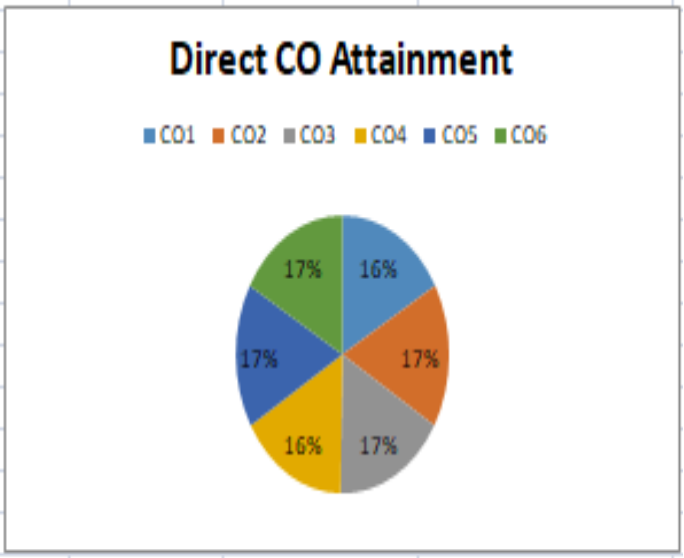
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	143	104	143	140	139	128				143		143		143
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	120	84	116	80	97	113				143		87		143
% of students secured > 60% marks	83.9	80.8	81.1	57.1	69.8	88.3				100		60.8		100.0
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4.3	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.98	2.98	2.82	2.98	1.33	2.15	2.98	2.98
Average PO Attainment								2.65

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COST ACCOUNTING

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	IV	Name :	MS.SHAMALA
Course Code :	4.4			Course :	COST ACCOUNTING

COURSE OUTCOMES (COs):

1	Student will learn the concept of Cost accounting and its significance
2	Student will learn how to calculate cost and branch accounting
3	student will learn the Procedure on how to calculate wages of a company
4	Student can Calculate Statement of cost sheet
5	Students would be able to calculate the accounts
6	Student will learn the exact calculation of CPU

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

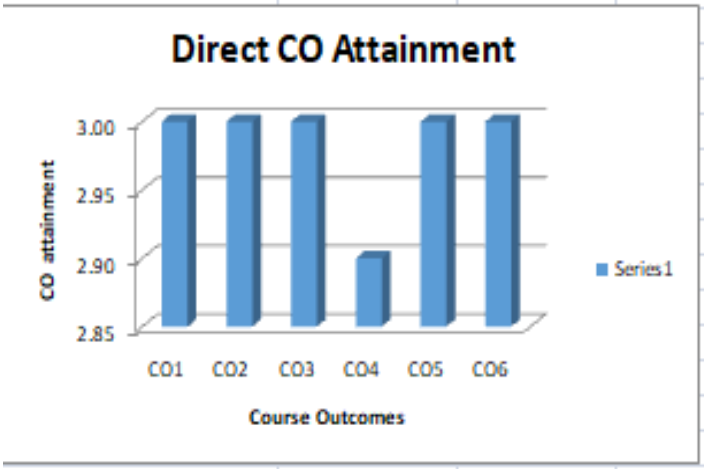
Academic Year :		2019-2020	Sem :	IV			Name :		MS.SHAMALA							
Course Code :		4.4					Course :		COST ACCOUNTING							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10	10	8	10	10	10	10	10	10	10.0	80.0	8	62	89
2	REENA A	C1915002	10	6	8	10	10	10	10	10	10	10.0	60.0	6	58	83
3	AARIFA HIRATH	C1915003	10	10	8	10	8	10	9	9	9	9.0	80.0	8	64	91
4	ABHISHEK R	C1915004	10	10	8	10	8	10	10	10	10	10.0	60.0	6	53	76
5	ABITHA K	C1915005	10	10	8	10	8	10	10	10	10	10.0	80.0	8	60	86
6	AFSEENA TAHSIN A	C1915006	10	10	8	10	8	10	10	10	10	10.0	100.0	10	66	94

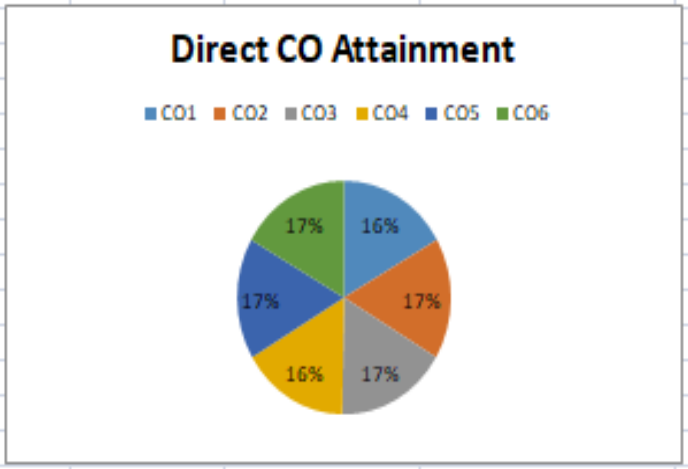
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	143	104	143	140	139	128				143		143		143
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	120	84	116	80	97	113				143		87		143
% of students secured > 60% marks	83.9	80.8	81.1	57.1	69.8	88.3				100		60.8		100.0
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4.4	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.98	2.98	2.82	2.98	1.33	2.15	2.98	2.98
verage PO Attainment								2.65

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E-BUSINESS AND ACCOUNTING

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	IV	Name :	MR. HEMANTH
Course Code :	4.5			Course :	E-BUSINESS AND ACCOUNTING

COURSE OUTCOMES (COs):

1	Student will learns Bascis in Computer applications
2	Candidate gains knowledge on different Types of E Commerce application
3	Student would be able to Prepareof Accounts using Tally Software
4	Student will gain knowledge in Preparation of vouchers
5	Candidate will know various E Business platforms available
6	Student will be able to Prepare Balance sheet using softwares

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	IV	Name :	MR. HEMANTH	
Course Code :	4.5			Course :	E-BUSINESS AND ACCOUNTING	

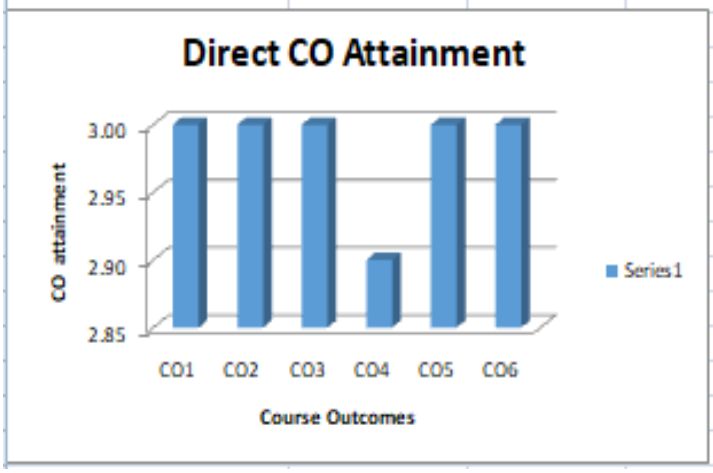
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10	10	8	10	10	10	10	10	10	10.0	80.0	8	62	89
2	REENA A	C1915002	10	6	8	10	10	10	10	10	10	10.0	60.0	6	53	76
3	AARIFA HIRATH	C1915003	10	10	8	10	8	10	9	9	9	9.0	80.0	8	64	91
4	ABHISHEK R	C1915004	10	10	8	10	8	10	10	10	10	10.0	60.0	6	48	69
5	ABITHA K	C1915005	10	10	8	10	8	10	10	10	10	10.0	80.0	8	60	86

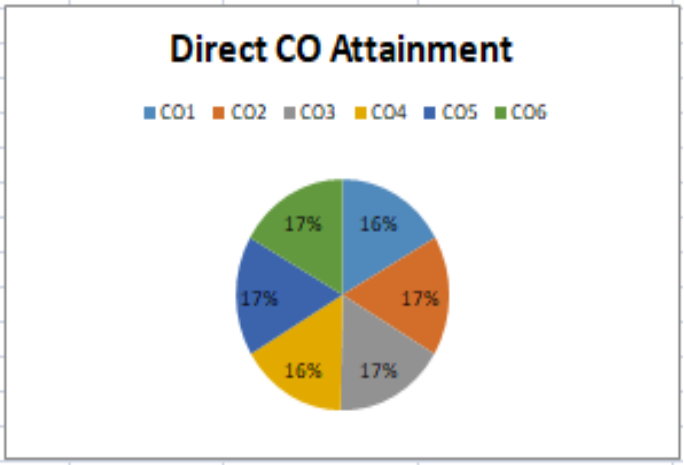
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	143	104	143	140	139	128				143		143		143
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	120	84	116	80	97	113				143		87		140
% of students secured > 60% marks	83.9	80.8	81.1	57.1	69.8	88.3				100		60.8		97.9
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4.5	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.98	2.98	2.82	2.98	1.33	2.15	2.98	2.98
Average PO Attainment								2.65

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STOCK AND COMMODITY MARKETS

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	IV	Name :	MR.BALAKRISHNA
Course Code :	4.6			Course :	STOCK AND COMMODITY MARKET

COURSE OUTCOMES (COs):

1	A brief study will be disussed about the concept and significance of Stock and Commodity Markets in indian economy
2	A study is carried to know on Nifty and Sensex
3	Student will study and Discuss Recent Amendments made by SEBI
4	Student would differentiate the Types of commodities Traded (Hard and Soft)
5	Candidate can analyse stock market of different Countries
6	Student will be able to Investment and carry trade in Stock market

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	IV	Name :	MR. BALAKRISHNA
Course Code :	4.6			Course :	STOCK AND COMMODITY MARKET

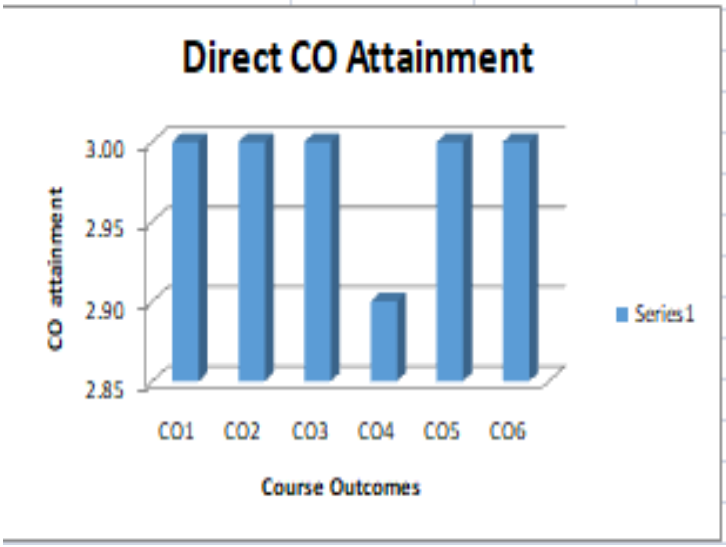
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10	10	8	10	10	10	10	10	10	10.0	80.0	8	62	89
2	REENA A	C1915002	10	6	8	10	10	10	10	10	10	10.0	60.0	6	58	83
3	AARIFA HIRATH	C1915003	10	10	8	10	8	10	9	9	9	9.0	80.0	8	64	91
4	ABHISHEK R	C1915004	10	10	8	10	8	10	10	10	10	10.0	60.0	6	60	86
5	ABITHA K	C1915005	10	10	8	10	8	10	10	10	10	10.0	80.0	8	55	79

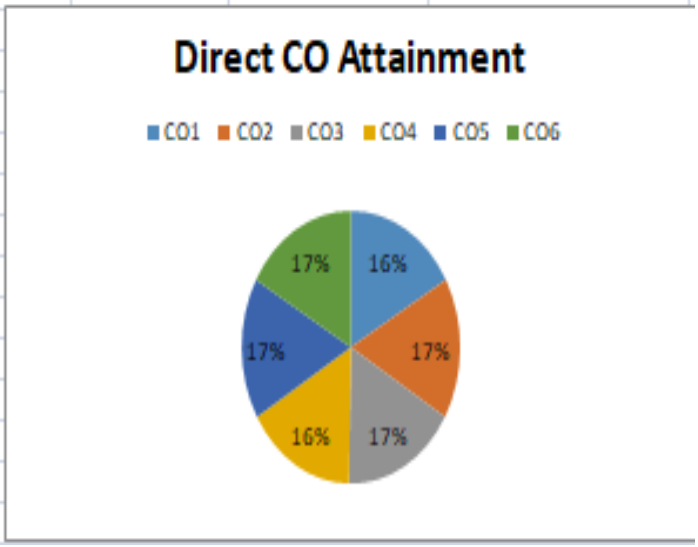
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	143	104	143	140	139	128				143		143		143
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	120	84	116	80	97	113				143		87		142
% of students secured > 60% marks	83.9	80.8	81.1	57.1	69.8	88.3				100		60.8		99.3
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4.6	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.98	2.98	2.82	2.98	1.33	2.15	2.98	2.98
Average PO Attainment								2.65

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PRINCIPLES OF EVENT MANAGEMENT

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2020-2021	Sem :	IV	Name :	MS. MADHU ASHWINI
Course Code :	4.7			Course :	PRINCIPLES OF EVENT MANAGEMENT

COURSE OUTCOMES (COs):

1	Student will the priciples in organising a event
2	A brief study is carried to know the procedure of organising the event
3	Student will study different Types of Corporate Events
4	Student will learn about Destiny/ Cruise marriages
5	Students are taught the proper way of Drafting letters to different authorities in seeking permission
6	Student is enhanced with Soft Skills

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

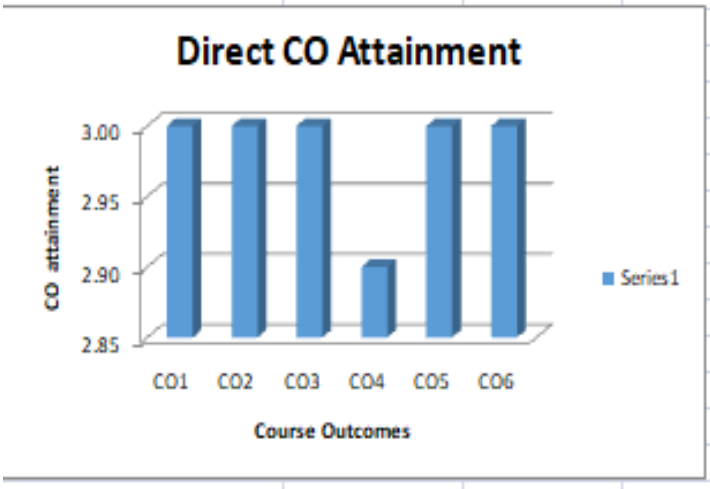
Academic Year :		2020-2021	Sem :	IV				Name :				MS. MADHU ASHWINI				
Course Code :		4.7						Course :				PRINCIPLES OF EVENT MANAGEMENT				
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	10	10	8	10	10	10	10	10	10	10.0	80.0	8	62	89
2	REENA A	C1915002	10	6	8	10	10	10	10	10	10	10.0	60.0	6	58	83
3	AARIFA HIRATH	C1915003	10	10	8	10	8	10	9	9	9	9.0	80.0	8	64	91
4	ABHISHEK R	C1915004	10	10	8	10	8	10	10	10	10	10.0	60.0	6	49	70
5	ABITHA K	C1915005	10	10	8	10	8	10	10	10	10	10.0	80.0	8	60	86

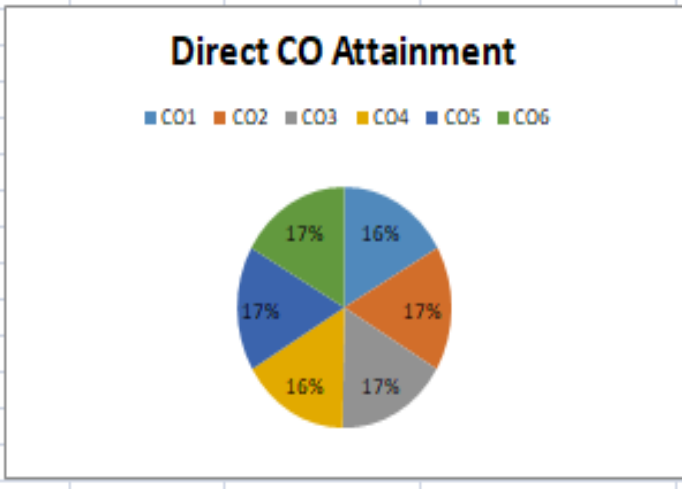
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	143	104	143	140	139	128				143		143		143
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	120	84	116	80	97	113				143		87		143
% of students secured > 60% marks	83.9	80.8	81.1	57.1	69.8	88.3				100		60.8		100.0
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4.7	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.98	2.98	2.82	2.98	1.33	2.15	2.98	2.98
Average PO Attainment								2.65

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ENTREPRENEURSHIP DEVELOPMENT PROGRAMME

COURSE OUTCOMES (COs):

1	A study is carried to know the role of SSI IN Indian economy.
2	Student will learn the Role of SIDBI in Indian Economy
3	Student will prepare a project report to start a SSI unit.
4	Student gains knowledge on Tax concession available to the SSI
5	Reasearch is carried to know various Government Schemes available for women Entrepreneurs
6	Student will draft a Format of a Buiness plan

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

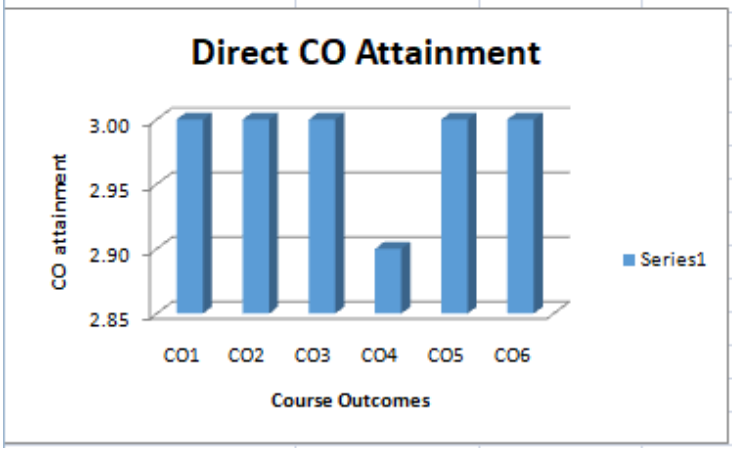
Academic Year :	2021-2022	Sem :	V	Name :	HARSHINI K J
Course Code :	5.1			Course :	ENTREPRENEURSHIP DEVELOPMENT PROGRAM

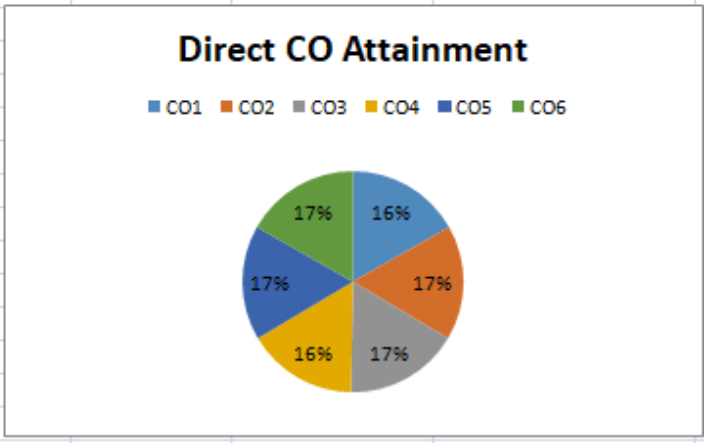
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	57	81
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	42	60
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	51	73
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	29	41
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	57	81

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	103	66	53	68	49	86				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	89	41	48	31	47	55				153		153		121
% of students secured > 60% marks	86.4	62.1	90.6	45.6	95.9	64				100		100.0		79.1
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3				3	
CO2	2	3	2	3		2		3
CO3	3	2			3	3	3	3
CO4	2		3	3		2		
CO5	2	2	3	3	2	2	3	3
CO6	3		2					
AVG	2.50	1.17	2.17	1.50	0.83	1.50	1.50	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.1	3	1	1	1	1	2	1	1
AVG	2.50	1.17	2.17	1.50	0.83	1.50	1.50	1.50
Attainment	2.49	1.16	2.15	1.49	0.83	1.49	1.49	1.49
Average PO Attainment								1.57

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INTERNATIONAL FINANCIAL REPORTING STANDARDS

COURSE OUTCOMES (COs):	
1	Student will learn list of International financial reporting standards and its role in preparation of accounts
2	A detailed study is carried on Converged accounting standards used by India
3	Student will understand necessity of preparing interim financial report
4	Candidate will Differentiate between Indian, US GAAP, and IAS
5	A study is carried to know Role of an Auditor in preparing the financial reports
6	Student will be able to Prepare Vertical Financial statement

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mr. BALAKRISHNA A
Course Code :	5.2			Course :	INTERNATIONAL FINANCIAL REPORTING STANDARDS

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	51	73
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	36	51
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	41	59
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	2	3
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	38	54

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	103	56	53	62	49	64				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	89	36	48	25	47	38				153		153		122
% of students secured > 60% marks	86.4	64.3	90.6	40.3	95.9	59.4				100		100.0		79.7
CO Attainment level	3	3	3	2	3	2				3		3		3

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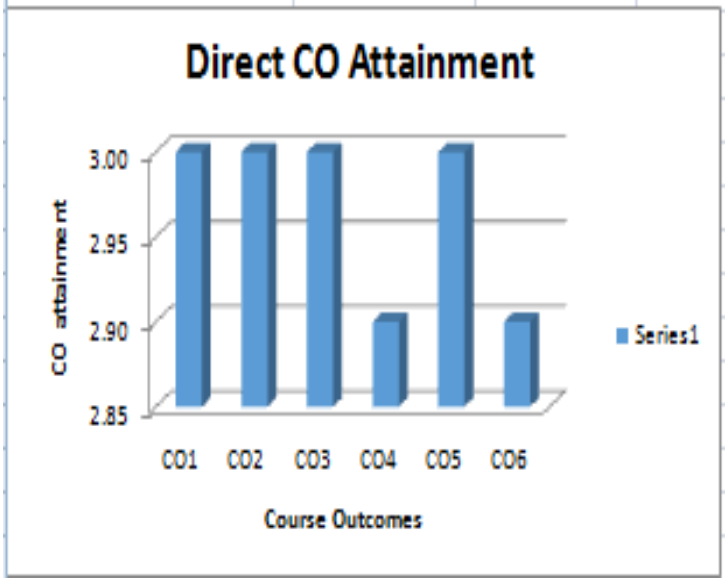
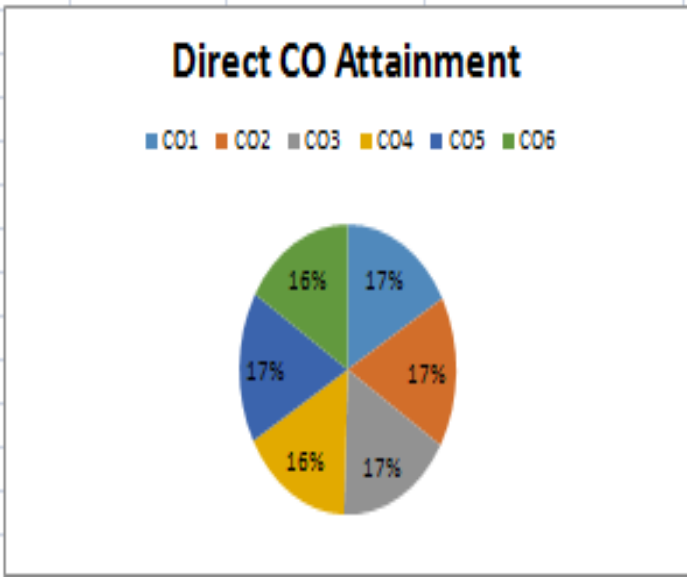
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3				3	
CO2	2	3	2	3		2		3
CO3	3	2		3	3	3		3
CO4	3		3			2	3	
CO5	3	3	3	3	3	3		3
CO6	3		2				3	
AVG	2.83	1.33	2.17	1.50	1.00	1.67	1.50	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.2	3	1	1	1	1	2	1	1
AVG	2.83	1.33	2.17	1.50	1.00	1.67	1.50	1.50
Attainment	2.80	1.32	2.14	1.48	0.99	1.65	1.48	1.48
Average PO Attainment								1.67

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INCOME TAX – I

COURSE OUTCOMES (COs):

1	Student will learn basics of Income Tax
2	Candidate would be able to File Income Tax returns
3	To know various Tax concessions available to an individual and Professional
4	Able to Compute Income tax and tax slab problems
5	Student will know Benefits of income Tax in the field of Agriculture.
6	Research is carried on capital Gains

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Ms. SHAMALA S
Course Code :	5.3			Course :	INCOME TAX - I

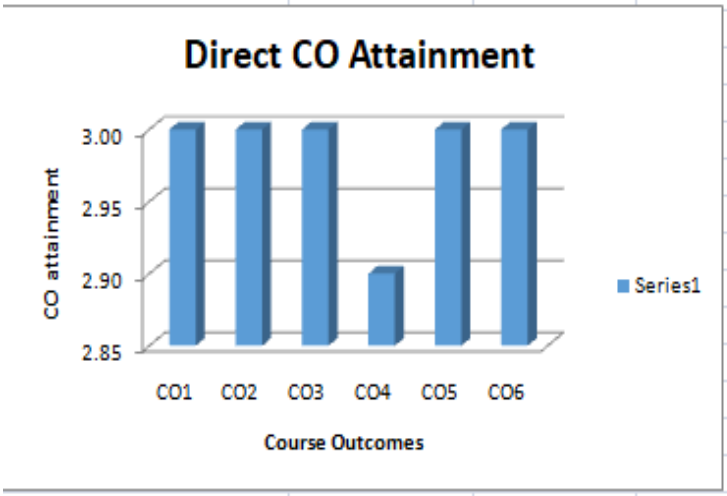
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	53	76
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	25	36
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	53	76
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	13	19
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	37	53

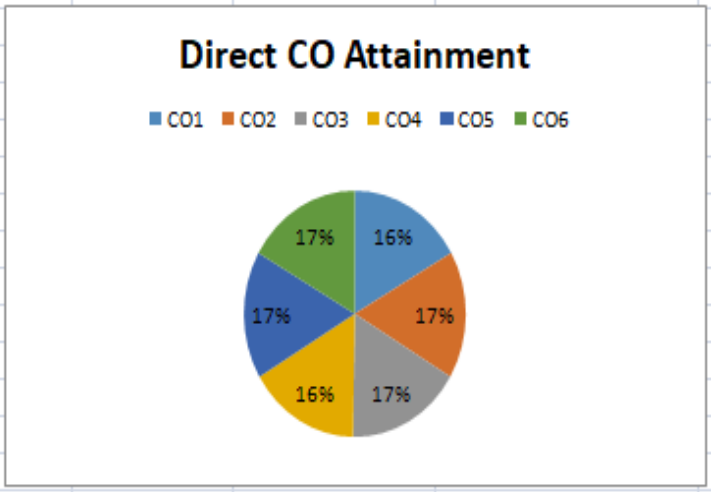
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	98	47	48	57	45	60				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	84	33	44	29	43	41				153		153		128
% of students secured > 60% marks	85.7	70.2	91.7	50.9	95.6	68.3				100		100.0		83.7
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	
CO2	2	2	2	3	3	2		3
CO3	3	3		2	3	3	3	2
CO4	2		3		3	2		
CO5	2	2	3	3	3	2	2	2
CO6	3		2				3	3
AVG	2.50	1.17	1.67	1.33	2.00	1.50	1.83	1.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.3	3	1	1	1	1	2	1	1
AVG	2.50	1.17	1.67	1.33	2.00	1.50	1.83	1.67
Attainment	2.49	1.16	1.66	1.33	1.99	1.49	1.82	1.66
Average PO Attainment								1.70

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COSTING METHODS

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2021-2022	Sem :	V	Name :	Mr. PRAVEEN
Course Code :	5.4			Course :	COSTING METHODS

COURSE OUTCOMES (COs):

1	Student will be able to Prepare Cost Sheet
2	Student will Differentiate and solve various cost sheet.
3	Student shall Prepare Cost Sheet with imaginary figures.
4	Able to List out Materials used in industries
5	Candidate shall prepare Contract Costing
6	students are familarised in cost accounting

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mr. PRAVEEN
Course Code :	5.4			Course :	COSTING METHODS

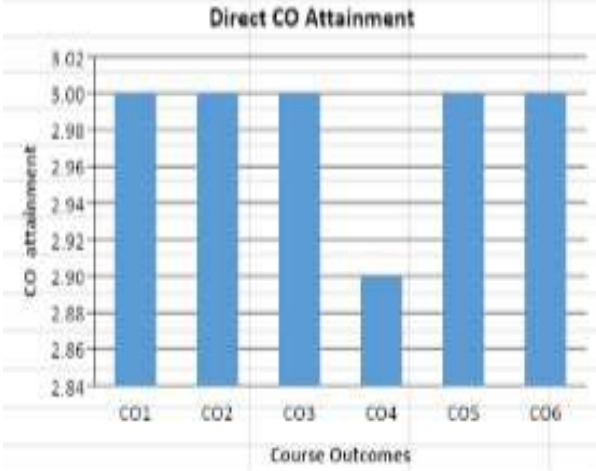
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	55	79
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	56	80
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	58	83
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	11	16
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	47	67

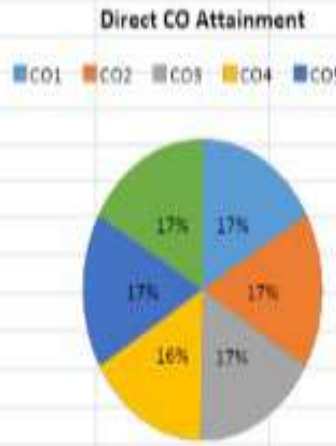
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	98	47	56	60	45	70				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	84	33	52	31	43	45				153		153		128
% of students secured > 60% marks	85.7	70.2	92.9	51.7	95.6	64.3				100		100.0		83.7
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3 *IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	
CO2	2	3	2	3	2	2		3
CO3	3	2		2	2	3	3	2
CO4	2		3			2	3	
CO5	2	2	3	3	2	2	3	3
CO6	3		2	3				3
AVG	2.50	1.17	1.67	1.83	1.00	1.50	2.00	1.83

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.4	3	1	1	1	1	2	1	1
AVG	2.50	1.17	1.67	1.83	1.00	1.50	2.00	1.83
Attainment	2.49	1.16	1.66	1.82	0.99	1.49	1.99	1.82
Average PO Attainment								1.68

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ADVANCED ACCOUNTING/INTERNATIONAL BANKING AND FOREX MANAGEMENT

COURSE OUTCOMES (COs):

1	Knowledge about schedules in Banking and insurance companies/Knowing the Financial market flow beyond Natinal Boundaries.
2	Develop the Skills in Preparing different schedules with reference to final accounts of banking companies/Recent amendments made in Forex Markets
3	Develop the Skills in Preparation of financial statement of life insurance companies./Students will understand the importance of FDI and FPI
4	Preparation of financial statements of General insurance companies/Asset and Liability management of Foreign Banks
5	Evaluating the methods of interest calculation in investment accounting/Understanding the international Gold Standards and monetary
6	Gaining the Practical knowledge in calculation of Discounting the bills/Role of RBI in Forex

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mr. HARISH G/ Ms. REENA
Course Code :	5.5 AC /BI			Course :	ADVANCED ACCOUNTING/ IBFM

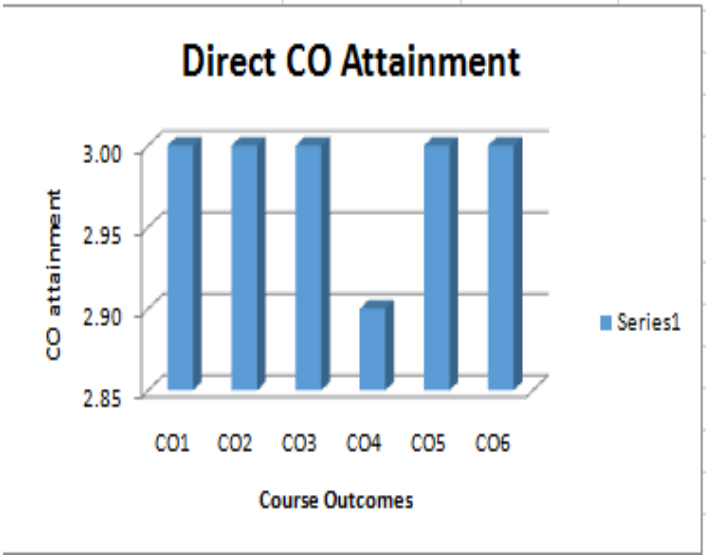
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	44	63
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	41	59
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	60	86
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	25	36
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	55	79

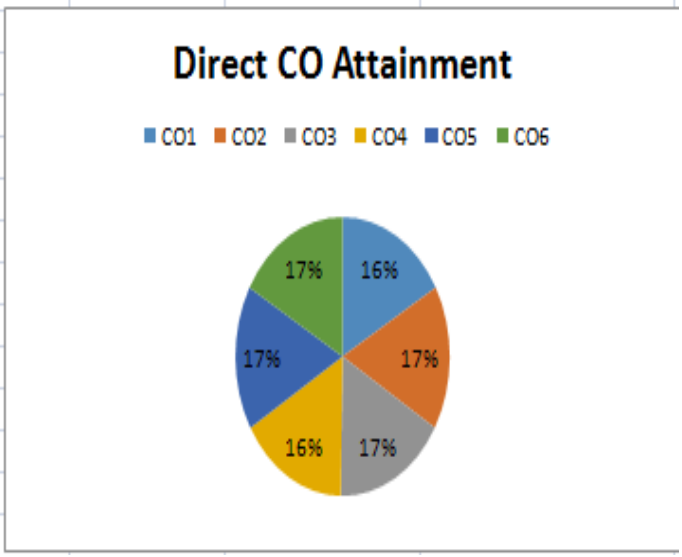
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	94	40	55	57	48	65				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	79	26	50	31	42	43				153		153		106
% of students secured > 60% marks	84	65	90.9	54.4	87.5	66.2				100		100.0		69.3
CO Attainment level	3	3	3	2	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.98





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3						3	3
CO2	2	3	2			2		
CO3	3	3		3	3	3		3
CO4	2		3			2		
CO5	2	3	3	3	3	2	2	3
CO6	3		3					
AVG	2.50	1.50	1.83	1.00	1.00	1.50	0.83	1.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.5 AC /BI	3	1	1	1	1	2	1	1
AVG	2.50	1.50	1.83	1.00	1.00	1.50	0.83	1.50
Attainment	2.49	1.49	1.82	0.99	0.99	1.49	0.83	1.49
Average PO Attainment								1.45

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GOODS AND SERVICES TAX/LIFE AND GENERAL INSURANCE

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2021-2022	Sem :	V	Name :	Mr. BALAKRISHNA A/ PRAVEEN
Course Code :	5.6 AC /BI			Course :	GOODS AND SERVICES TAX/ LIFE AND GENERAL INSUR

COURSE OUTCOMES (COs):

1	Understanding the new tax regime/Acquire the basic knowledge of Life and General insurance
2	The concept of Direct and Indirect tax and the differeences between two taxes/Understanding the legal Concepts of Insurance
3	Enumerate the basic features of Indirect tax/Comparing Various types of insurance plans
4	Students will be able to explain the constitutional provisions pertaining to levy of various taxes/Applying the knowledge of current
5	Discuss the frame work of GST and understanding the various benefits of Implementation of GST/Demonstrating the ability to engage
6	Discuss the various significant amendments made by the constitution amendments made for GST 101ST at 2016/Listing of various insurance schemes available by Government

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

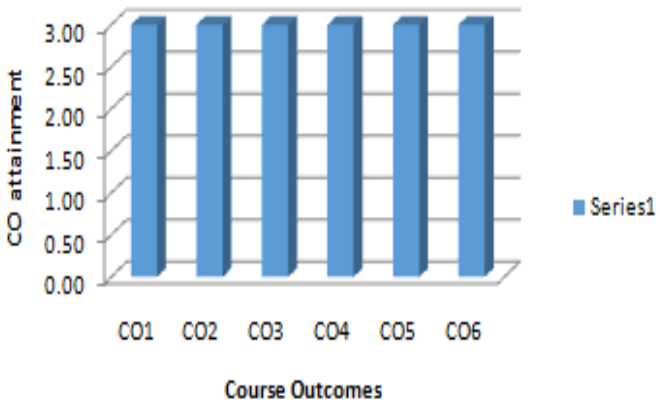
Academic Year :		2021-2022	Sem :	V				Name :				Mr. BALAKRISHNA A/ PRAVEEN					
Course Code :		5.6 AC /BI						Course :				GOODS AND SERVICES TAX/ LIFE AND GENERAL INSURANCE					
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001							10	10	10	10.0	100.0	10	57	81
2	REENA A	C1915002	10		8				10	10	10	10.0	100.0	10	39	56
3	AARIFA HIRATH	C1915003					10		9	9	9	9.0	90.0	10	52	74
4	ABHISHEK R	C1915004		10					10	10	10	10.0	100.0	10	25	36
5	ABITHA K	C1915005							10	10	10	10.0	100.0	10	43	61

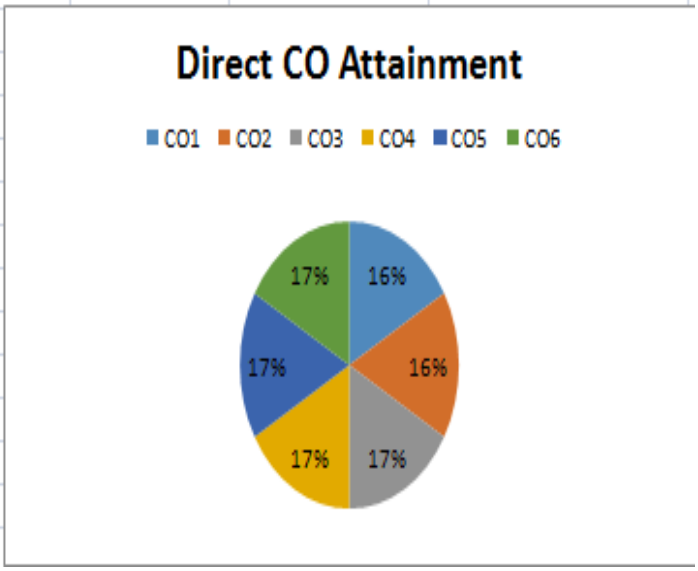
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	86	28	42	48	43	58				153		153		153
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	71	22	39	29	37	40				153		153		138
% of students secured > 60% marks	82.6	78.6	92.9	60.4	86	69				100		100.0		90.2
CO Attainment level	3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3		3				3	3
CO2	2		2	2		2		
CO3	3	2		2	3	3	3	3
CO4	2		3	3		2		
CO5	2	2	3	2	2	2	3	3
CO6	3	3	2			3		3
AVG	2.50	1.17	2.17	1.50	0.83	2.00	1.50	2.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
5.6 AC /BI	3	1	1	1	1	2	1	1
AVG	2.50	1.17	2.17	1.50	0.83	2.00	1.50	2.00
Attainment	2.50	1.17	2.17	1.50	0.83	2.00	1.50	2.00
Average PO Attainment								1.71

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BUSINESS REGULATIONS

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2021-2022	Sem :	VI	Name :	HARSHINI K J
Course Code :	6.1			Course :	BUSINESS REGULATIONS

COURSE OUTCOMES (COs):

1	Knowledge of Basic Buiness law and Management
2	Students would be able to explain the concepts in respect to Foreign trade
3	Students will apply Global Laws to Current Business environment
4	Analyse the principle of international Business and Strtegies adopted by firms to expand globally
5	Integrate concept of Business law with foreign trade
6	Students will know the Consumer Protection Act 1986 and Environment protection Act

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

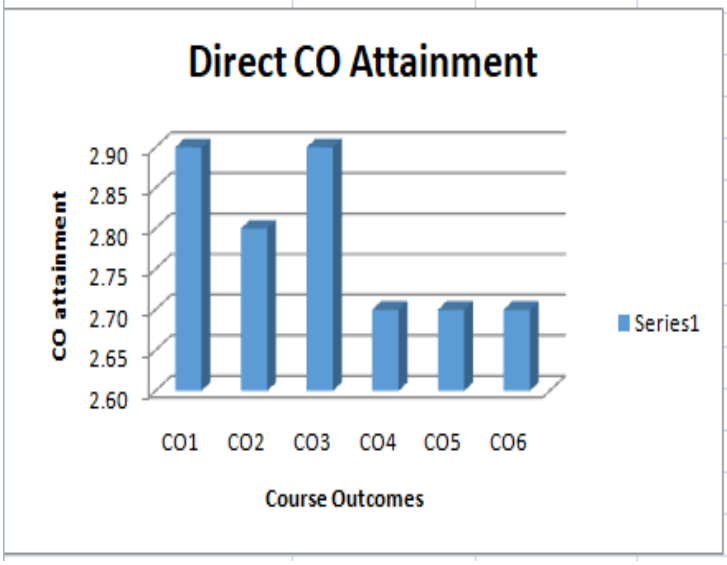
Academic Year :	2021-2022	Sem :	VI	Name :	Ms. Harshini K J
Course Code :	6.1			Course :	Business Regulations

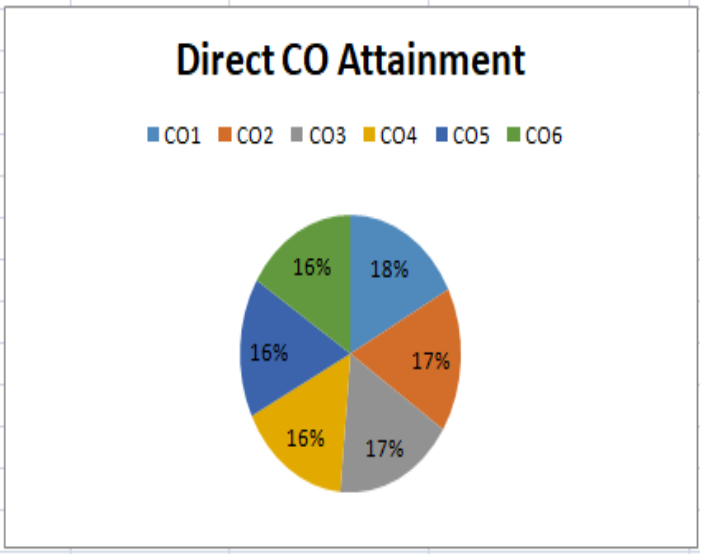
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	8	63	90
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	47	67
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	8	63	90
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	0	25	36
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	8	59	84

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	139	123	136	132	114	88				144		144		144
No of students secured > 60% of marks in IA,	107	63	83	41	35	24				144		64		133
% of students secured > 60% marks	77	51.2	61	31.1	30.7	27.3				100		44.4		92.4
CO Attainment level	3	2	3	1	1	1				3		2		3

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	2	2.67	3	2.90
CO2	2	3	2	2.33	3	2.80
CO3	3	3	2	2.67	3	2.90
CO4	1	3	2	2.00	3	2.70
CO5	1	3	2	2.00	3	2.70
CO6	1	3	2	2.00	3	2.70
Average CO Attainment						2.78





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.78

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	2.78	2.32	2.32	2.32	0.15	0.31	2.78	2.78
Average PO Attainment								1.97

PRINCIPLES AND PRACTICE OF AUDITING

COURSE OUTCOMES (COs):

1	Acquire the basic knowledge of Auditing, objectives of Audit Programme.
2	Understand the importance and limitations of Audit, internal control and internal check
3	Understanding the various notes of appointment of an Auditor, qualities, Qualification and Dis - qualification of an Auditor
4	Develop the application skills related to Vouching Cash book, Verification and Valuation of Assets and Liabilities
5	Develop the analytical skills in conducting share capital and share transfer audit
6	Evaluate the methods of Depreciation, rights, duties and responsibilities of an Auditor

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

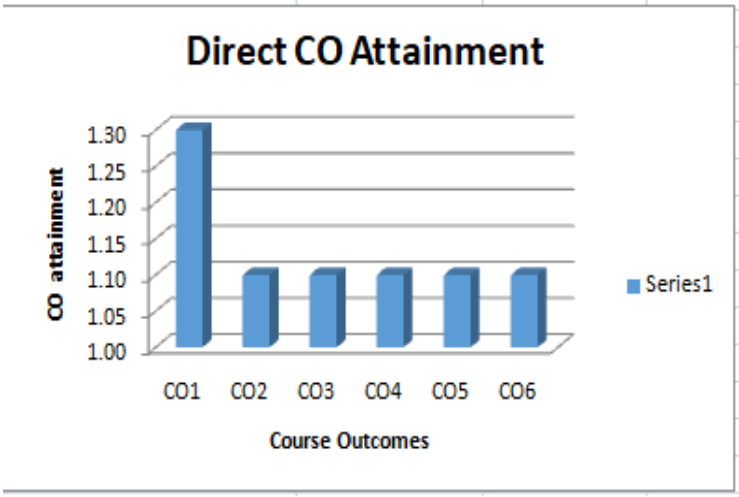
Academic Year :	2021-2022	Sem :	VI	Name :	Ms. Madhuashwini
Course Code :	6.2			Course :	Principles and Practices of Auditing

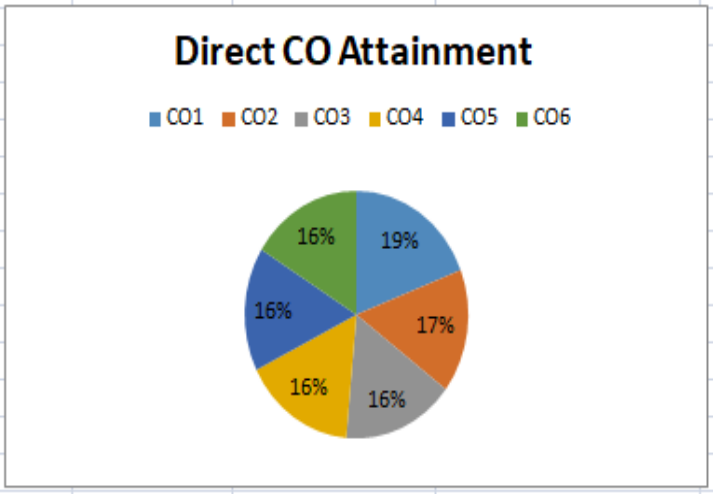
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	8	65	93
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	55	79
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	8	60	86
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	0	27	39
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	8	60	86

COURSE OUTCOMES (COS) DIRECT ATTAINMENT													
No of students attempted	137	122	134	130	112	87				144		144		144
No of students secured > 60% of marks in IA,	107	24	41	17	16	10				69		27		54
% of students secured > 60% marks	78.1	19.7	30.6	13.1	14.3	11.5				47.91667		18.8		37.5
CO Attainment level	3	1	1	1	1	1				2		1		1

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	2	1	2.00	1	1.30
CO2	1	2	1	1.33	1	1.10
CO3	1	2	1	1.33	1	1.10
CO4	1	2	1	1.33	1	1.10
CO5	1	2	1	1.33	1	1.10
CO6	1	2	1	1.33	1	1.10
Average CO Attainment						1.13





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 1.13

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	1.13	0.94	0.94	0.94	0.06	0.13	1.13	1.13
Average PO Attainment								0.80

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INCOME TAX -II

COURSE OUTCOMES (COs):

1	Practical exposure towards business and Profession concept by assigning field projects
2	Awareness on exemptions U/S 54 to 54f to be applied on capital gains
3	Various deductions from 80C to 80U from Gross Total Income is learnt when filing IT returns
4	Able to know the provision of set off and carry forward of losses
5	To apply for tax liability, tebates, surcharge are useful for updation
6	Overall assessment of individuals are subjected to theoritical and practical concepts

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	VI	Name :	Ms. Shamala		
Course Code :	6.3			Course :	Income Tax 2		

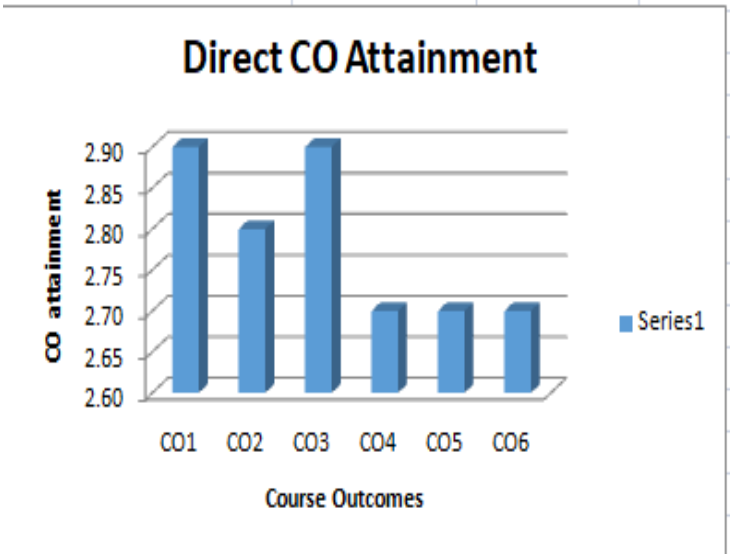
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	8	57	81
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	48	69
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	8	54	77
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	0	25	36
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	8	37	53

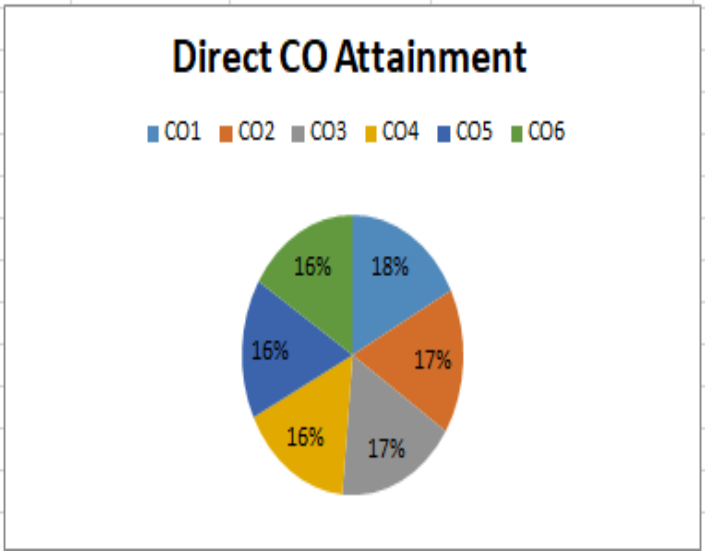
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	139	123	136	132	114	88				144		144		144
No of students secured > 60% of marks in IA,	107	63	83	41	35	24				144		64		135
% of students secured > 60% marks	77	51.2	61	31.1	30.7	27.3				100		44.4		93.8
CO Attainment level	3	2	3	1	1	1				3		2		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	2	2.67	3	2.90
CO2	2	3	2	2.33	3	2.80
CO3	3	3	2	2.67	3	2.90
CO4	1	3	2	2.00	3	2.70
CO5	1	3	2	2.00	3	2.70
CO6	1	3	2	2.00	3	2.70
Average CO Attainment						2.78





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.78

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	2.78	2.32	2.32	2.32	0.15	0.31	2.78	2.78
Average PO Attainment								1.97

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MANAGEMENT ACCOUNTING

COURSE OUTCOMES (COs):

1	Understand the significance of basic concept, importance and functions of management accounting
2	Students could illustrate the vertical format of Financial statements
3	Tools of Financial analysis such as Trend, Comparative and Common size ststement
4	Students could calculate the various ratios and able to discuss the significance and uses of the various ratios
5	Ability to prepare cash flow statements, fund flow statements
6	Students able to calculate the estimated Working capital as per the requirement of the entity

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	VI	Name :	Ms. Kasturi
Course Code :	6.4			Course :	Management Accounting

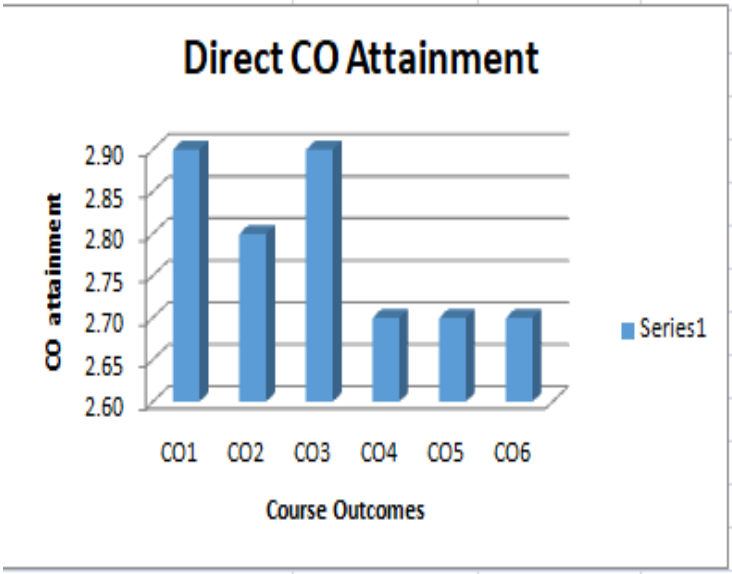
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	7	51	73
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	49	70
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	6	48	69
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	9	2	3
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	10	27	39

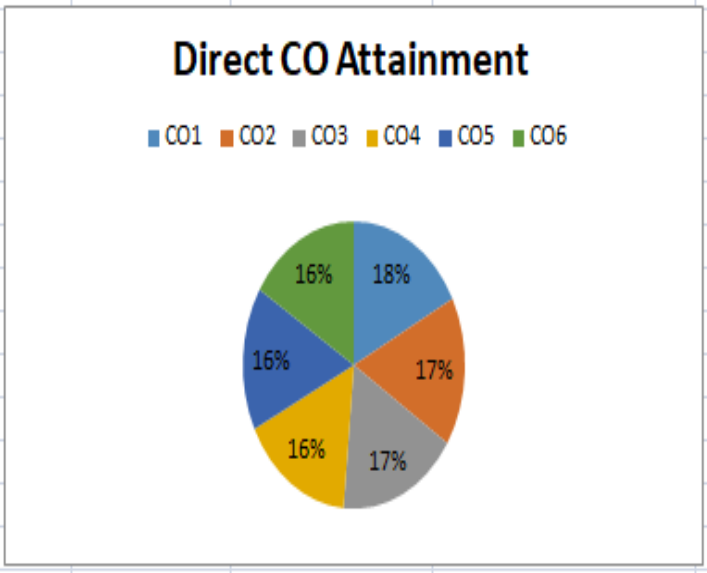
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	139	123	136	132	114	88				144		144		144
No of students secured > 60% of marks in IA,	107	63	83	41	35	24				144		78		125
% of students secured > 60% marks	77	51.2	61	31.1	30.7	27.3				100		54.2		86.8
CO Attainment level	3	2	3	1	1	1				3		2		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	2	2.67	3	2.90
CO2	2	3	2	2.33	3	2.80
CO3	3	3	2	2.67	3	2.90
CO4	1	3	2	2.00	3	2.70
CO5	1	3	2	2.00	3	2.70
CO6	1	3	2	2.00	3	2.70
Average CO Attainment						2.78





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.78

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	2.78	2.32	2.32	2.32	0.15	0.31	2.78	2.78
Average PO Attainment								1.97

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BUSINESS TAXATION /RISK MANAGEMENT

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2021-2022	Sem :	VI	Name :	Ms. Reena A /GEORGE
Course Code :	6.5AC/BI			Course :	Business Taxation/ Risk Management

COURSE OUTCOMES (COs):

1	Basic knowledge about customs act, Types and Valuation for customs duty/Graduates will demonstrate the ability to communicate
2	Students will be able to calculate the customs duty/Graduates will demonstrate knowledge of the legal and ethical environment
3	Students would be able to calculate Normal and MAT provision under assessment of firms/Students will be able to exhibit an
4	Students would be able to calculate Normal and MAT provision under assessment of Companies/Students will be able to engage in
5	Graduates will be able to Calculate unabsorbed Depreciation/Enhance ability to work effectively with others.
6	Students acquire knowledge about Ltd liability Partnership/Understanding and appreciation of the ethical implications of decisions.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

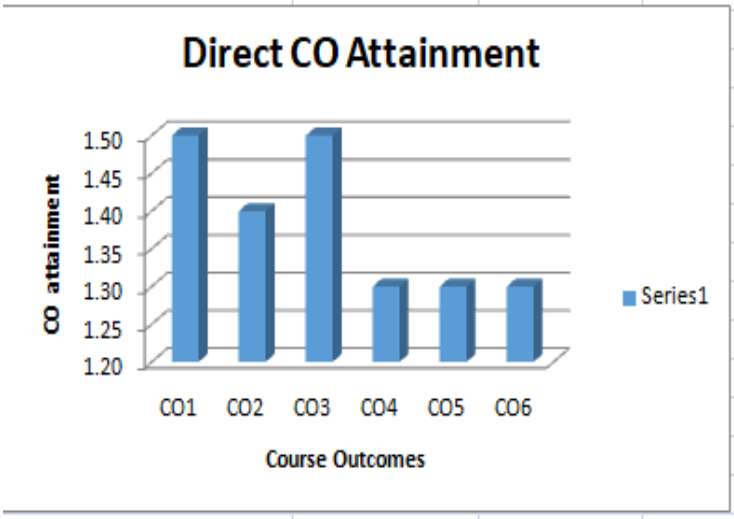
Academic Year :		2021-2022	Sem :	VI		Name :		Ms. Reena A /GEORGE									
Course Code :		AC6.5, BI6.5				Course :		Business Taxation, Risk Management									
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%	
			CO1	CO2	CO3	CO4	CO5	CO6									
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70		
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	8	45	64	
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	36	51	
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	8	64	91	
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	0	31	44	
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	8	57	81	

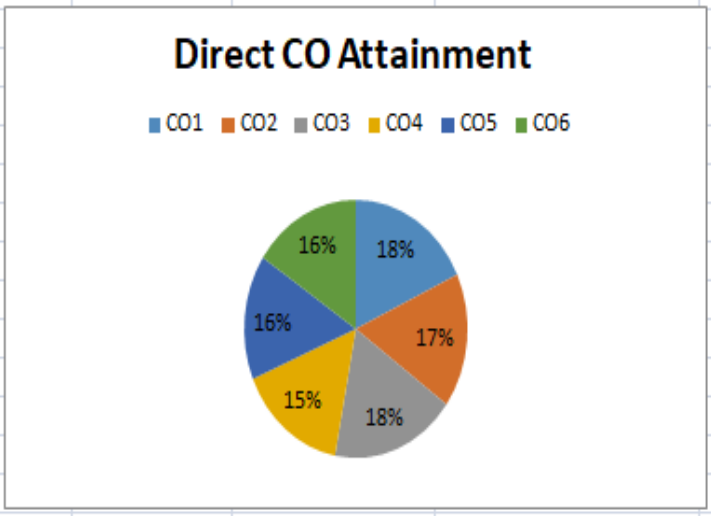
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	139	123	136	132	114	88				144		144		144
No of students secured > 60% of marks in IA,	107	63	83	41	35	24				144		64		52
% of students secured > 60% marks	77	51.2	61	31.1	30.7	27.3				100		44.4		36.1
CO Attainment level	3	2	3	1	1	1				3		2		1

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	2	2.67	1	1.50
CO2	2	3	2	2.33	1	1.40
CO3	3	3	2	2.67	1	1.50
CO4	1	3	2	2.00	1	1.30
CO5	1	3	2	2.00	1	1.30
CO6	1	3	2	2.00	1	1.30
Average CO Attainment						1.38





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 1.38

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	1.38	1.15	1.15	1.15	0.08	0.15	1.38	1.38
Average PO Attainment								0.98

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COST MANAGEMENT/ MARKETING OF INSURANCE PRODUCTS

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2021-2022	Sem :	VI	Name :	Ms. KASTURI L/Mr. BALAKRISHNA A
Course Code :	6.6 AC/ BI			Course :	COST MANAGEMENT/ MARKETING OF INSURANCE PRC

COURSE OUTCOMES (COs):

1	Students will be able to differentiate Cost Control and Cost Reduction/Analyse the role and operation of marketing in the insurance industry
2	Analysing the suituations at BEP and taking Right decisions/Analyse insurance product and service development and positioning.
3	Analysing the different types of Cost and implementing to the concerned industries/Evaluate the distribution of insurance products and services
4	Students will be able to calculate the Budgetory control/Analyse the role of communication in the marketing of insurance products and services
5	Allocation of Overheads under Activity Based Costing/To enable candidates to understand the role of the marketing function and its a
6	Identifying various Cost Drivers and Cost Tools/SWOT analysis of insurance industry

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	VI	Name :	Mr. Gideon George T
Course Code :	AC 6.6, BI6.6			Course :	Marketing of Insurance products, Cost Management

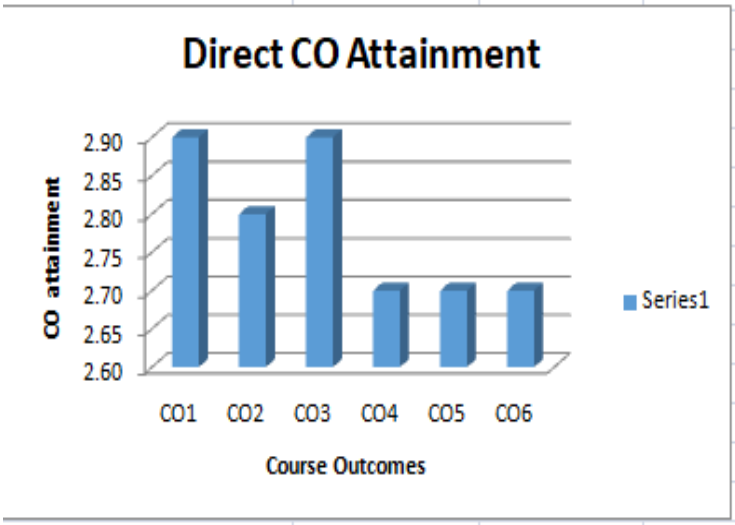
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	SREEJA M	C1915001	8		8	6	8	2	10	10	10	10.0	70.0	8	61	87
2	REENA A	C1915002	5	6		6	4	4	10	10	10	10.0	68.0	6	61	87
3	AARIFA HIRATH	C1915003	2		3	2	3	2	9	9	9	9.0	60.0	8	66	94
4	ABHISHEK R	C1915004	8	6	8	7	6		10	10	10	10.0	90.0	0	55	79
5	ABITHA K	C1915005	10	7	6		8	8	10	10	10	10.0	95.0	8	63	90

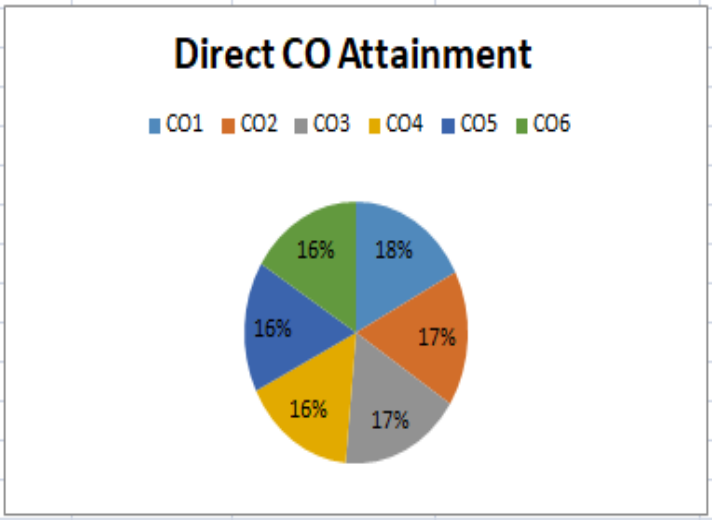
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	139	123	136	132	114	88				144		144		144
No of students secured > 60% of marks in IA,	107	63	83	41	35	24				144		64		131
% of students secured > 60% marks	77	51.2	61	31.1	30.7	27.3				100		44.4		91.0
CO Attainment level	3	2	3	1	1	1				3		2		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	2	2.67	3	2.90
CO2	2	3	2	2.33	3	2.80
CO3	3	3	2	2.67	3	2.90
CO4	1	3	2	2.00	3	2.70
CO5	1	3	2	2.00	3	2.70
CO6	1	3	2	2.00	3	2.70
Average CO Attainment						2.78





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.78

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
B.COM	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	2.78	2.32	2.32	2.32	0.15	0.31	2.78	2.78
Average PO Attainment								1.97

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I BACHELOR OF BUSINESS ADMINISTRATION (BBA) – I Sem

Fundamentals of Accounting

COURSE OUTCOMES (COs):

CO1	To know the basic concepts of accounting
CO2	to demonstrate the concept of double entry system
CO3	students will learn the career in accountancy
CO4	students will learn the concepts of Accounting Standards
CO5	Students will understand and evaluate Final Accounts
CO6	Develop an awareness on basics of auditing

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Ms. SUMA
Course Code :	FAC101			Course :	Fundamentals of Accounting

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			49	49	50	50	48	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			41	28	27	37	30	22				50		50		50
% of students secured > 60% marks			83.7	57.1	54	74	62.5	44.9				100		100.0		100.0
CO Attainment level			3	2	2	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95

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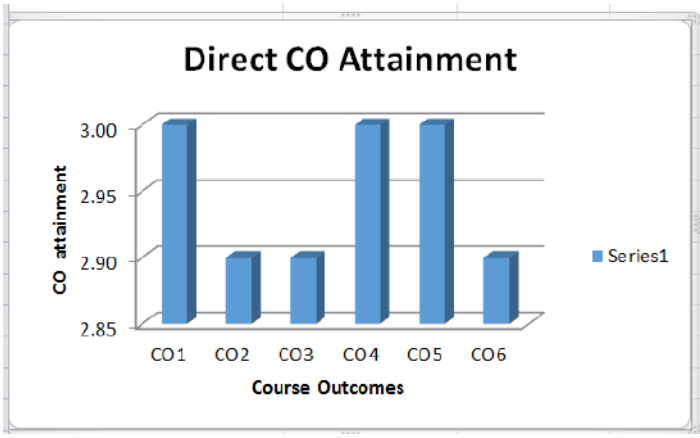

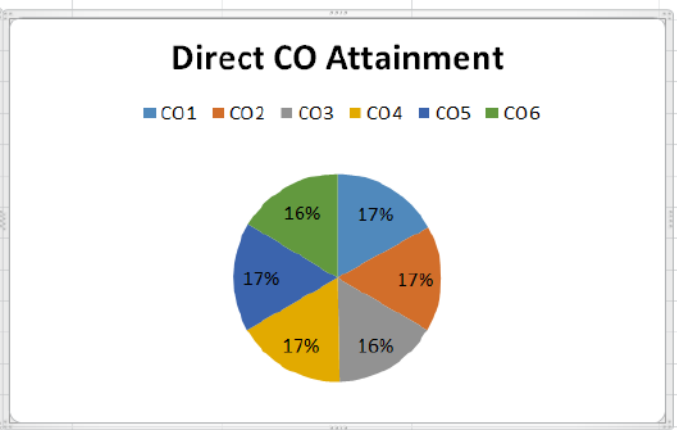

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	1	3	3	2	2	1	1	3
CO3	1	3	3	3	2		2	2
CO4	2	3	1	3	2		2	2
CO5	1	3	3	2	2	1	3	3
CO6	3	2	2	3	2	1	3	2
AVG	1.83	2.83	2.50	2.50	1.83	1.00	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
FAC101	3	2	3	2	2	1	2	2
AVG	1.83	2.83	2.50	2.50	1.83	1.00	2.00	2.50
Attainment	1.80	2.79	2.46	2.46	1.80	0.98	1.97	2.46
Average PO Attainment								2.09

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I BACHELOR OF BUSINESS ADMINISTRATION (BBA) – I Sem

Quantitative Methods for Business-I

COURSE OUTCOMES (COs):

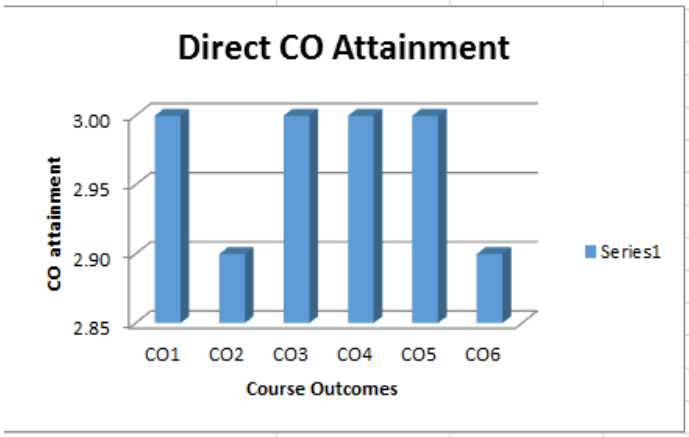
CO1	To understand the Basics concepts of Business Maths
CO2	To create, solve application I business
CO3	students will learn the concepts of simple and compound interest
CO4	students will learn the concepts of Arithmatic Progresssion
CO5	Students learn to construct logical application of concepts
CO6	know the importance of matrices

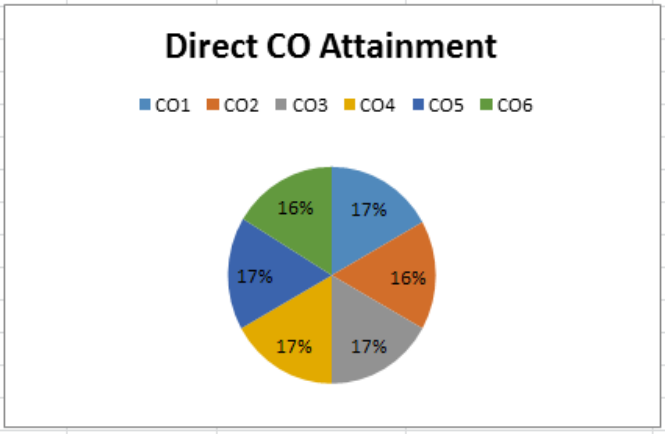
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	I		Name :		Ms. ARUNA								
Course Code :		QMB102				Course :		Quantitative Methods for Business-I								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	10		10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	50	71
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			46	49	48	49	42	47				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			42	29	33	41	32	20				50		50		45
% of students secured > 60% marks			91.3	59.2	68.8	83.7	76.2	42.6				100		100.0		90.0
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	3	3	3	2	1	2	2
CO4	3	2	2	2	3		3	2
CO5	3	3	3	3	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	3.00	2.33	2.67	2.33	2.17	1.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
QMB102	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.67	2.33	2.17	1.67	2.00	2.50
Attainment	2.97	2.31	2.64	2.31	2.14	1.65	1.98	2.47
Average PO Attainment								2.31

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I BACHELOR OF BUSINESS ADMINISTRATION (BBA) – I Sem

Business Organisation and Environment

COURSE OUTCOMES (COs)	
CO1	To learn basic of Business Management Principles
CO2	Students will understand the process of planning and decision making
CO3	students will learn the concepts of organisational behaviour
CO4	students will learn the concepts of business communication
CO5	Students will understand the essentials of good control syste
CO6	Essentials of control techniques

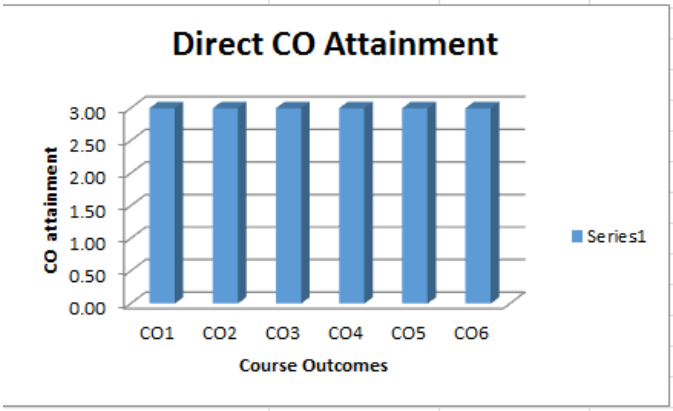
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

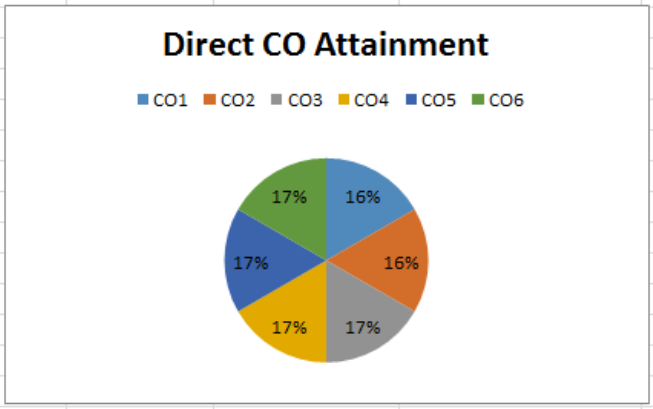
Academic Year :	2019-2020	Sem :	I	Name :	Ms, KIRANYA
Course Code :	OB103			Course :	Business Organisation and Environment

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	9	4	8	8	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	9	8	6	9	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8	10	10	9	10	10	10	10	10.0	85.0	10	53	76
49	YASHIKA D JAIN	B1910657		9	10	8	6	10	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	9	4	8	8	10	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			42	45	40	48	41	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			37	27	24	38	27	30				50		50		46
% of students secured > 60% marks			88.1	60	60	79.2	65.9	61.2				100		100.0		92.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2	3		3
CO3	3	3	3	3	3	1	2	3
CO4	3	2	3	3	2	3	2	3
CO5	3	3	3	3	3	2	2	2
CO6	3	3	2	3	2	3	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
OB103	3	2	3	2	2	1	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Attainment	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Average PO Attainment								2.52

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I BACHELOR OF BUSINESS ADMINISTRATION (BBA) – I Sem

Management Process

COURSE OUTCOMES (COs):

CO1	To learn concepts of Organisation and staffing
CO2	Develop an awareness on planning
CO3	students will learn the concepts decision making
CO4	students will learn the concepts of management and administration
CO5	Students will understand princples od mangement
CO6	Essentals of sound controlling systems

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Mr. PRAKASH
Course Code :	MP101			Course :	Management Process

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655		6	9		8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8		8	7		10	10	10	10.0	85.0	10	54	77
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	57	81
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			37	43	44	44	34	45				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			27	20	26	34	21	17				50		50		50
% of students secured > 60% marks			73	46.5	59.1	77.3	61.8	37.8				100		100.0		100.0

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.93

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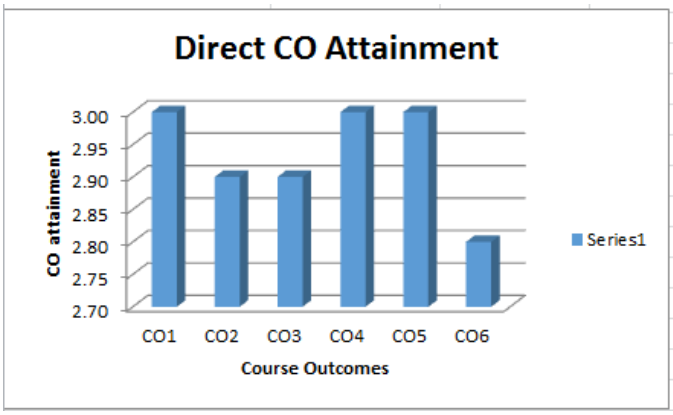

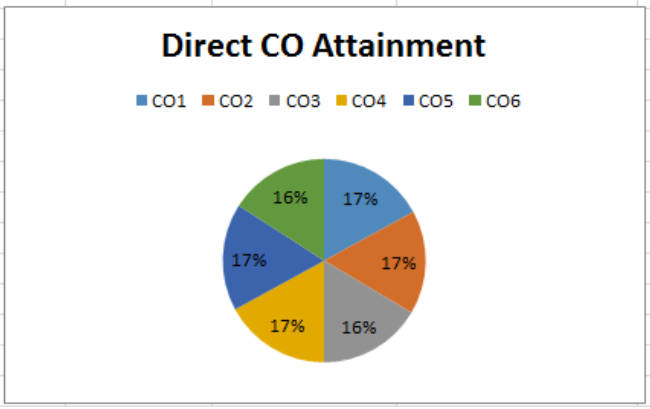

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1		1	3
CO2	3	1	3	1	2			3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	A	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
MP101	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50
Attainment	2.61	1.96	2.61	1.79	1.96	0.65	1.96	2.44
Average PO Attainment								2.00

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II BACHELOR OF BUSINESS ADMINISTRATION (BBA) –I I Sem

Financial Accounting

COURSE OUTCOMES (COs):

CO1	To know the basic concepts of accounting
CO2	to demonstrate the concept of double entry system
CO3	students will learn the career in accountancy
CO4	students will learn the concepts of Accounting Standards
CO5	Students will understand and evaluate Final Accounts
CO6	Develop an awareness on basics of auditing

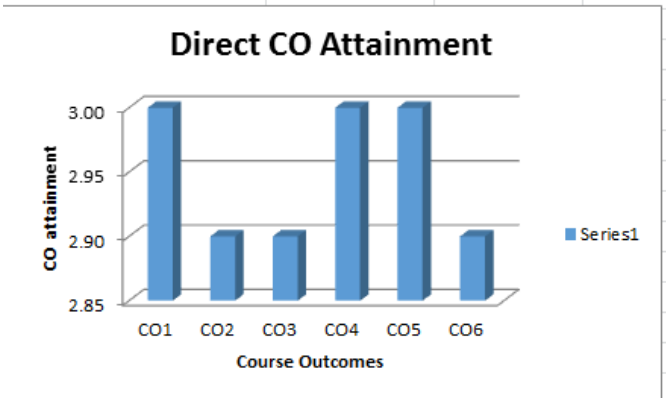
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

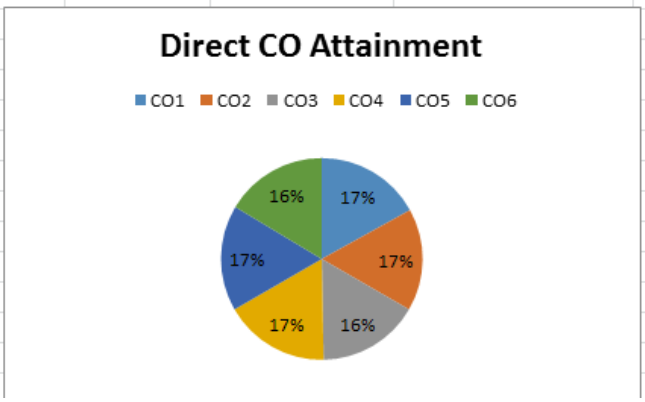
Academic Year :	2019-2020	Sem :	II	Name :	Ms. SUMA
Course Code :	FAC201			Course :	Financial Accounting

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	6	6	7	8	9	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	6	6	6	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	6	5	6	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			49	49	50	50	48	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			41	28	27	37	30	22				50		50		50
% of students secured > 60% marks			83.7	57.1	54	74	62.5	44.9				100		100.0		100.0
CO Attainment level			3	2	2	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	1	3	3	2	2	1	1	3
CO3	1	3	3	3	2		2	2
CO4	2	3	1	3	2		2	2
CO5	1	3	3	2	2	1	3	3
CO6	3	2	2	3	2	1	3	2
AVG	1.83	2.83	2.50	2.50	1.83	1.00	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
FAC201	3	2	3	2	2	1	2	2
AVG	1.83	2.83	2.50	2.50	1.83	1.00	2.00	2.50
Attainment	1.80	2.79	2.46	2.46	1.80	0.98	1.97	2.46
Average PO Attainment								2.09

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II BACHELOR OF BUSINESS ADMINISTRATION (BBA) –I I Sem

Quantitative Methods for Business-II

COURSE OUTCOMES (COs):

CO1	To understand the Basics concepts of Business Maths
CO2	To create, solve application I business
CO3	students will learn the concepts of simple and compound interest
CO4	students will learn the concepts of Arithmatic Progresssion
CO5	Students learn to construct logical application of concepts
CO6	know the importance of matrices

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	II	Name :	Ms. ARUNA
Course Code :	QMB202			Course :	Quantitative Methods for Business-II

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	10		10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	50	71
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			46	49	48	49	42	47				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			42	29	33	41	32	20				50		50		45
% of students secured > 60% marks			91.3	59.2	68.8	83.7	76.2	42.6				100		100.0		90.0
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97

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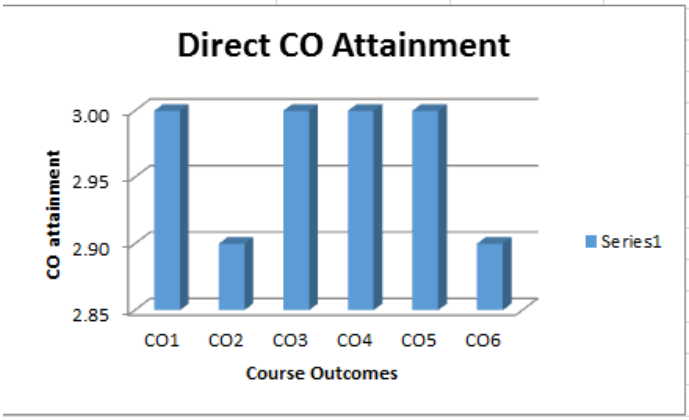

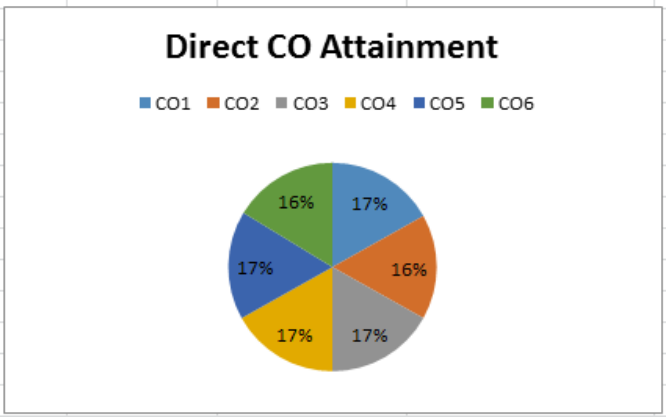

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	3	3	3	2	1	2	2
CO4	3	2	2	2	3		3	2
CO5	3	3	3	3	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	**3.00**	**2.33**	**2.67**	**2.33**	**2.17**	**1.67**	**2.00**	**2.50**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
QMB202	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.67	2.33	2.17	1.67	2.00	2.50
Attainment	**2.97**	**2.31**	**2.64**	**2.31**	**2.14**	**1.65**	**1.98**	**2.47**
Average PO Attainment								2.31

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II BACHELOR OF BUSINESS ADMINISTRATION (BBA) –I I Sem

Organisational Behaviour

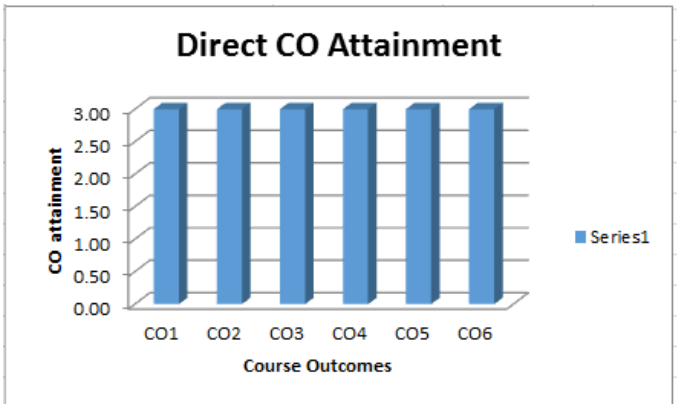
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

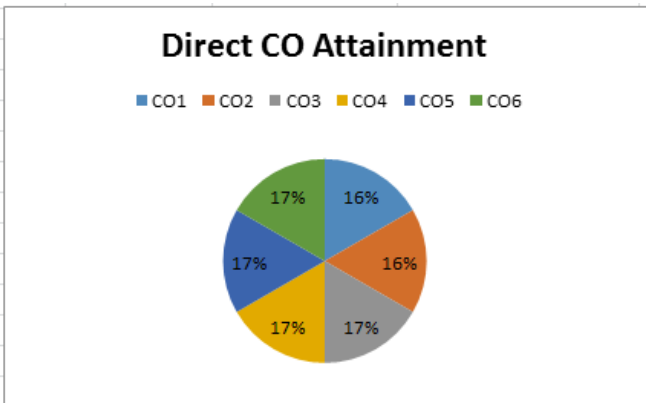
Academic Year :	2019-2020	Sem :	II	Name :	Ms, KIRANYA
Course Code :	OB203			Course :	Organisational Behaviour

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	9	4	8	8	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	9	8	6	9	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8	10	10	9	10	10	10	10	10.0	85.0	10	53	76
49	YASHIKA D JAIN	B1910657		9	10	8	6	10	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	9	4	8	8	10	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			42	45	40	48	41	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			37	27	24	38	27	30				50		50		46
% of students secured > 60% marks			88.1	60	60	79.2	65.9	61.2				100		100.0		92.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2	3		3
CO3	3	3	3	3	3	1	2	3
CO4	3	2	3	3	2	3	2	3
CO5	3	3	3	3	3	2	2	2
CO6	3	3	2	3	2	3	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
OB203	3	2	3	2	2	1	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Attainment	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Average PO Attainment								2.52

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II BACHELOR OF BUSINESS ADMINISTRATION (BBA) –I I Sem

Production and Operations Management

COURSE OUTCOMES (COs):

CO1	To learn concepts of Production and Operations
CO2	Develop an awareness on Automation
CO3	students will learn the concepts Factory Setup
CO4	students will learn the concepts of plant location and layout
CO5	Students will understand materials management
CO6	Develop an awareness waste Management

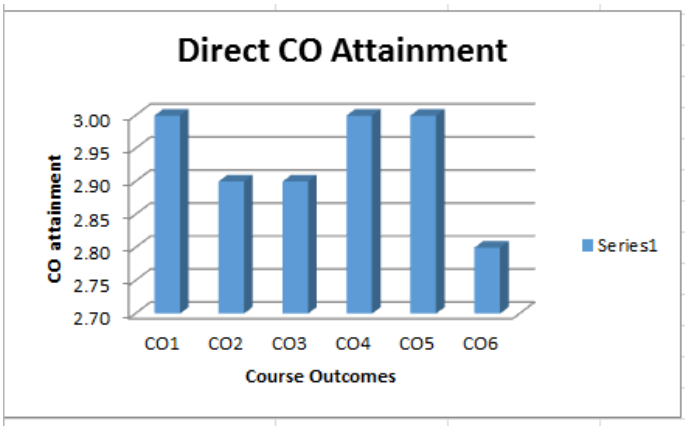
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

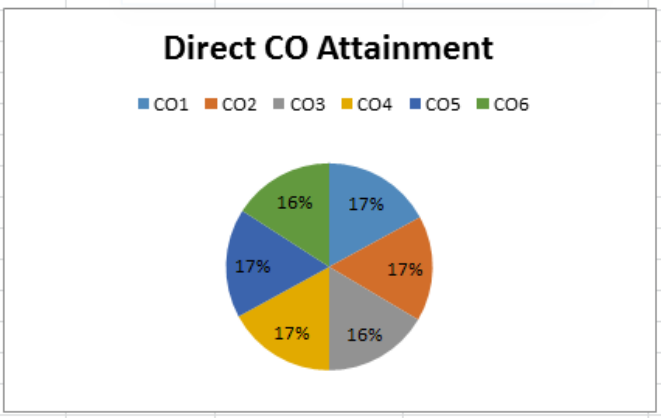
Academic Year :	2019-2020	Sem :	II	Name :	Ms. Sujatha
Course Code :	POM204			Course :	Production and Operations Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655		6	9		8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8		8	7		10	10	10	10.0	85.0	10	54	77
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	57	81
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			37	43	44	44	34	45				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			27	20	26	34	21	17				50		50		50
% of students secured > 60% marks			73	46.5	59.1	77.3	61.8	37.8				100		100.0		100.0
CO Attainment level			3	2	2	3	3	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.93





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1		1	3
CO2	3	1	3	1	2			3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	A	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
POM204	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50
Attainment	2.61	1.96	2.61	1.79	1.96	0.65	1.96	2.44
Average PO Attainment								2.00

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III BACHELOR OF BUSINESS ADMINISTRATION (BBA) –II I Sem

Corporate Accounting

COURSE OUTCOMES (COs):

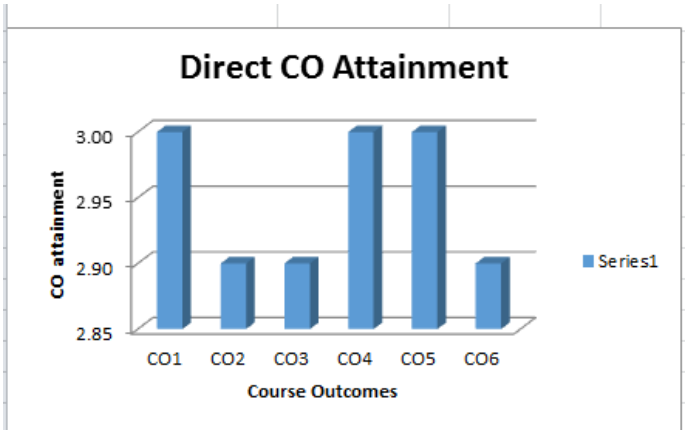
CO1	To Identify and Analyze the bassic functions of corporate acounting
CO2	to demonstrate corporate financial reporting
CO3	students will learn the career in corporate accounting
CO4	students will learn the concepts of Stocks and Shares
CO5	Students will understand and evaluate Bonds and Debentures
CO6	Develop an awareness on corporate accounting

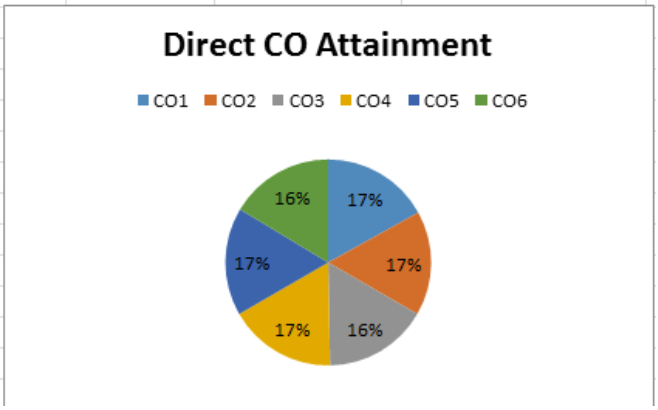
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	III		Name :		Ms. SUMA							
Course Code :		CAC301				Course :		Corporate Accounting							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	6	6	7	8	9	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	6	6	6	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	6	5	6	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			49	49	50	50	48	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			41	28	27	37	30	22				50		50		50
% of students secured > 60% marks			83.7	57.1	54	74	62.5	44.9				100		100.0		100.0
CO Attainment level			3	2	2	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	1	3	3	2	2	1	1	3
CO3	1		3	3	2		2	2
CO4	2		1		2		2	2
CO5	1		3	2	2	1	3	3
CO6	3	2	2	3	2	1	3	2
AVG	1.83	1.33	2.50	2.00	1.83	1.00	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CAC301	3	2	3	2	2	1	2	2
AVG	1.83	1.33	2.50	2.00	1.83	1.00	2.00	2.50
Attainment	1.80	1.31	2.46	1.97	1.80	0.98	1.97	2.46
Average PO Attainment								1.84

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III BACHELOR OF BUSINESS ADMINISTRATION (BBA) –II I Sem

Human Resource Management

COURSE OUTCOMES (COs):

CO1	To understand the nature of HRM
CO2	To understand the recent trends in recruitent
CO3	students will learn the opportunities in HR
CO4	students will learn the concepts of induction and training
CO5	Students learn to various recruitment stages
CO6	know the importance of employee enggement

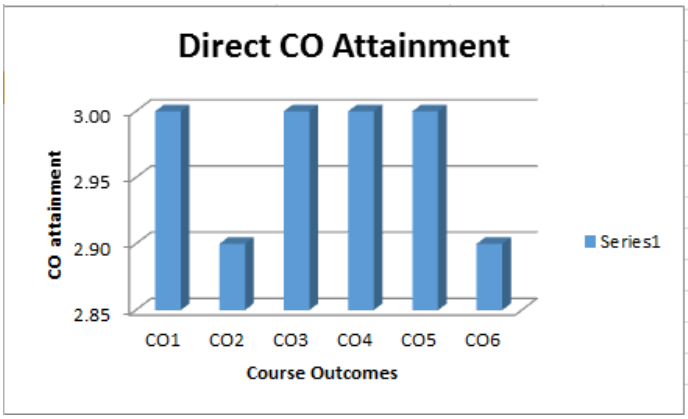
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

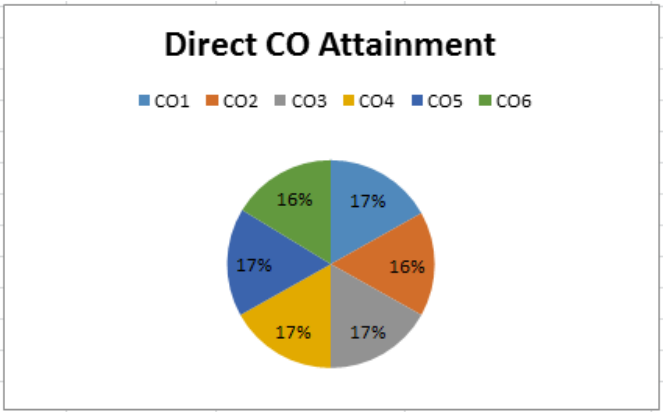
Academic Year :	2019-2020	Sem :	III	Name :	Mr. TONY
Course Code :	HRM302			Course :	Human Resource Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	10		10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			43	47	48	49	42	47				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			39	27	33	41	32	20				50		50		43
% of students secured > 60% marks			90.7	57.4	68.8	83.7	76.2	42.6				100		100.0		86.0
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	2	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
HRM302	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50
Attainment	2.64	1.98	2.64	2.14	1.98	1.65	1.98	2.47
Average PO Attainment								2.18

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III BACHELOR OF BUSINESS ADMINISTRATION (BBA) –II I Sem

Corporate Environment

COURSE OUTCOMES (COs):

CO1	To learn basic functions of corporate envirronment
CO2	Students will understand recent trends in Corporate Culture
CO3	students will learn the concepts Article of association
CO4	students will learn the concepts of Share Capital
CO5	Students will understand the Isting of shares
CO6	Essentials of of formation of Company

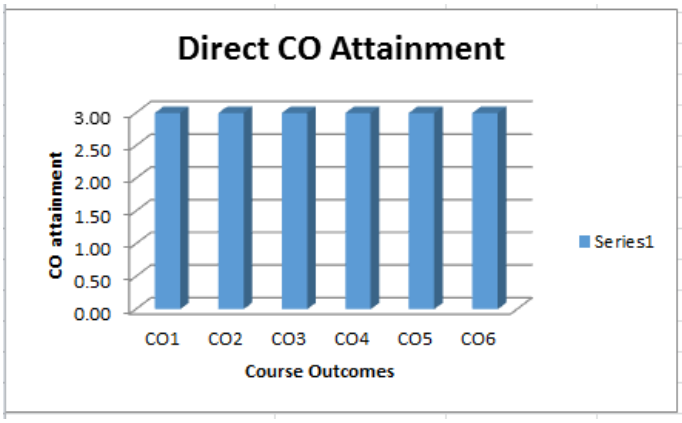
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

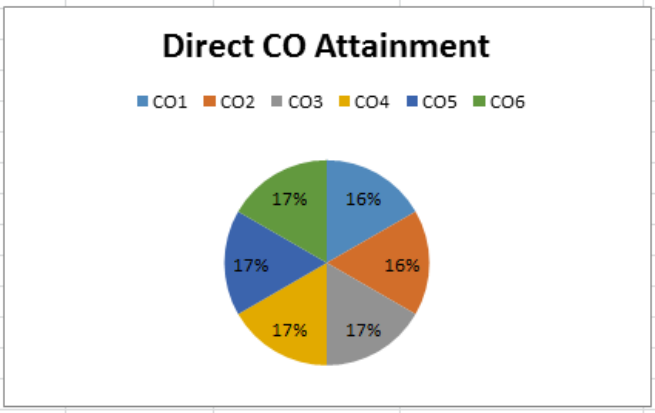
Academic Year :	2019-2020	Sem :	III	Name :	Ms, KIRANYA
Course Code :	CE304			Course :	Corporate Environment

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	9	4	8	8	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	9	8	6	9	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8	10	10	9	10	10	10	10	10.0	85.0	10	53	76
49	YASHIKA D JAIN	B1910657		9	10	8	6	10	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	9	4	8	8	10	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			42	45	40	48	41	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			37	27	24	38	27	30				50		50		46
% of students secured > 60% marks			88.1	60	60	79.2	65.9	61.2				100		100.0		92.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2	3		3
CO3	3	3	3	3	3	1	2	3
CO4	3	2	3	3	2	3	2	3
CO5	3	3	3	3	3	2	2	2
CO6	3	3	2	3	2	3	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CE304	3	2	3	2	2	1	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Attainment	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Average PO Attainment								2.52

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III BACHELOR OF BUSINESS ADMINISTRATION (BBA) –II I Sem

Business Regulations

COURSE OUTCOMES (COs):

CO1	To learn basicconcepts of legality of business
CO2	Develop an awareness on bsiness regulation
CO3	students will learn the concepts legal frame work of business
CO4	students will learn the concepts of trade licensing
CO5	Students will understand methods applied in Business
CO6	Develop an awareness about legal proceedings

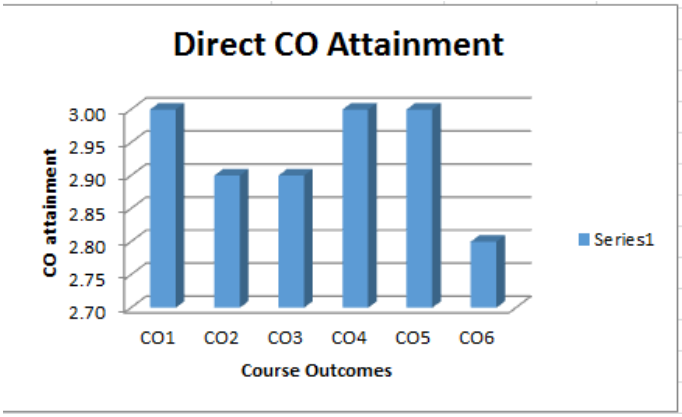
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

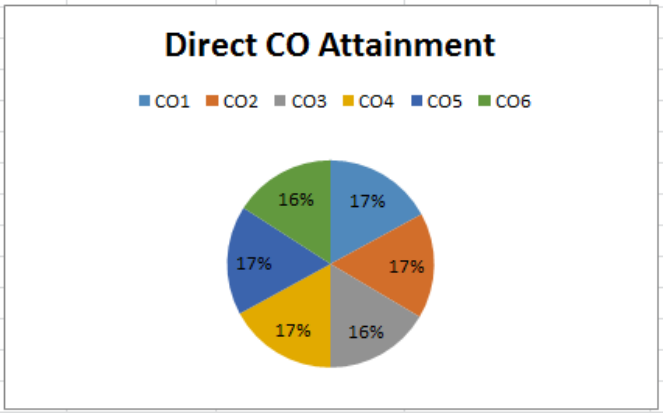
Academic Year :	2019-2020	Sem :	III	Name :	Ms. Sujatha
Course Code :	BR303			Course :	Business Regulations

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655		6	9		8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8		8	7		10	10	10	10.0	85.0	10	54	77
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	57	81
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			37	43	44	44	34	45				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			27	20	26	34	21	17				50		50		50
% of students secured > 60% marks			73	46.5	59.1	77.3	61.8	37.8				100		100.0		100.0
CO Attainment level			3	2	2	3	3	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.93





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1		1	3
CO2	3	1	3	1	2			3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	A	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BR303	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	1.83	2.00	0.67	2.00	2.50
Attainment	2.61	1.96	2.61	1.79	1.96	0.65	1.96	2.44
Average PO Attainment								2.00

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IV BACHELOR OF BUSINESS ADMINISTRATION (BBA) –IV Sem

Business Research Methods

COURSE OUTCOMES (COs):

CO1	To Identify and Analyze business Problems
CO2	to demonstrate critical thinking
CO3	students will learn the career opportunities in research
CO4	students will learn the concepts of research
CO5	Students will understand and evaluate research problems
CO6	Develop an awareness on business research

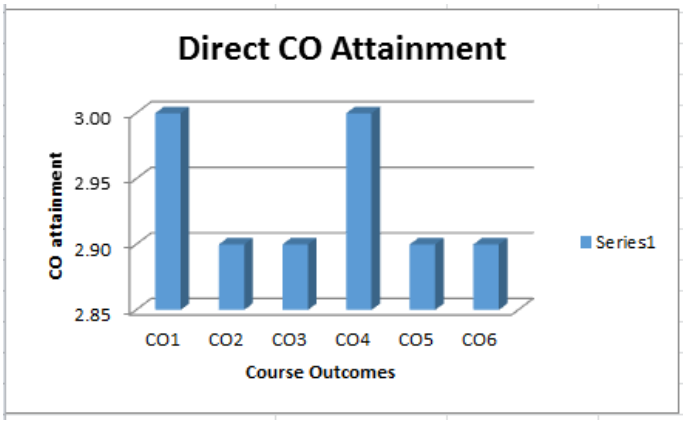
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

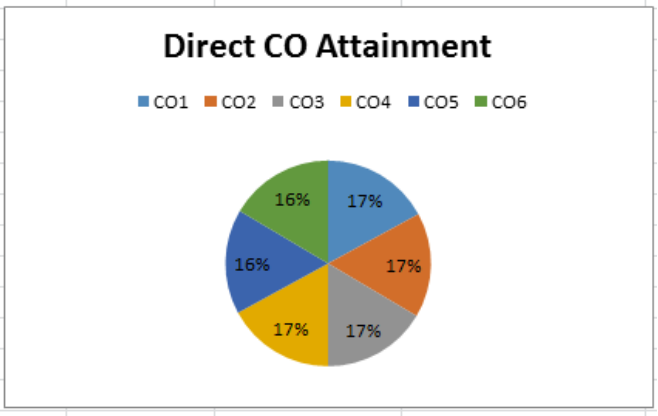
Academic Year :	2019-2020	Sem :	IV	Name :	Ms. SUMA
Course Code :	BRM401			Course :	Business Research Methods

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	6	6	7	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	6	6	6	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	6	5	6	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			49	49	50	50	41	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			41	28	27	37	23	19				50		50		50
% of students secured > 60% marks			83.7	57.1	54	74	56.1	41.3				100		100.0		100.0
CO Attainment level			3	2	2	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	1	3	3	1	2	1	1	3
CO3	3		3	3	2		2	2
CO4	2		1		2		3	3
CO5	3		3		2	1	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.50	1.33	2.50	1.50	1.83	1.00	2.17	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BRM401	3	2	3	2	2	1	2	2
AVG	2.50	1.33	2.50	1.50	1.83	1.00	2.17	2.67
Attainment	2.44	1.30	2.44	1.47	1.79	0.98	2.12	2.61
Average PO Attainment								1.89

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IV BACHELOR OF BUSINESS ADMINISTRATION (BBA) –IV Sem

Services Management

COURSE OUTCOMES (COs):

CO1	To understand the nature and objectives of services management
CO2	To understand the recent trends in service sector
CO3	students will learn the opportunities in service industry
CO4	students will learn the concepts of online services
CO5	Students learn to various career prospects in services industry
CO6	know the importance of hospitality and culture

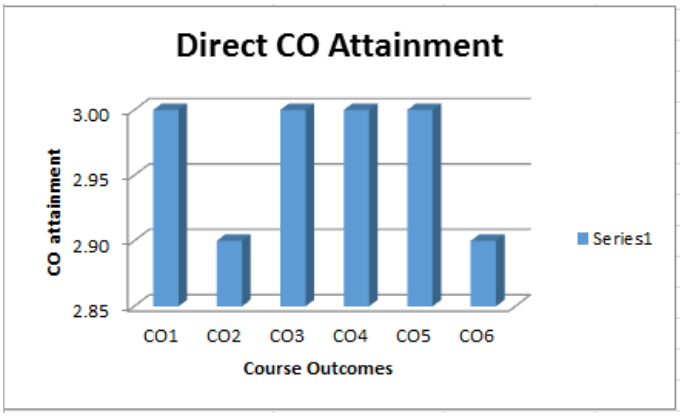
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

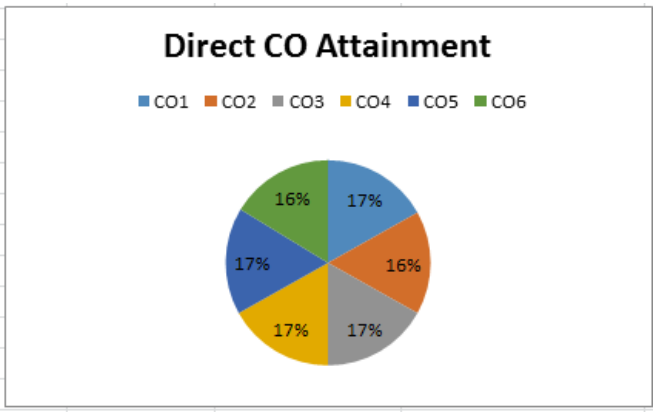
Academic Year :	2019-2020	Sem :	IV	Name :	Mr. TONY
Course Code :	SM404			Course :	Services Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	10		10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			40	44	46	48	34	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			34	20	28	38	22	19				50		50		43
% of students secured > 60% marks			85	45.5	60.9	79.2	64.7	41.3				100		100.0		86.0
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						**2.97**





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	2	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
SM404	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50
Attainment	2.64	1.98	2.64	2.14	1.98	1.65	1.98	2.47
Average PO Attainment								2.18

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IV BACHELOR OF BUSINESS ADMINISTRATION (BBA) –IV Sem

Financial Management

COURSE OUTCOMES (COs):

CO1	To learn basicconcepts of final account
CO2	Develop an awareness on issue of shares
CO3	students will learn the concepts of financial management
CO4	students will learn the concepts of joint stock companies
CO5	Students will understand working capital
CO6	Develop an awareness about corporate budgeting

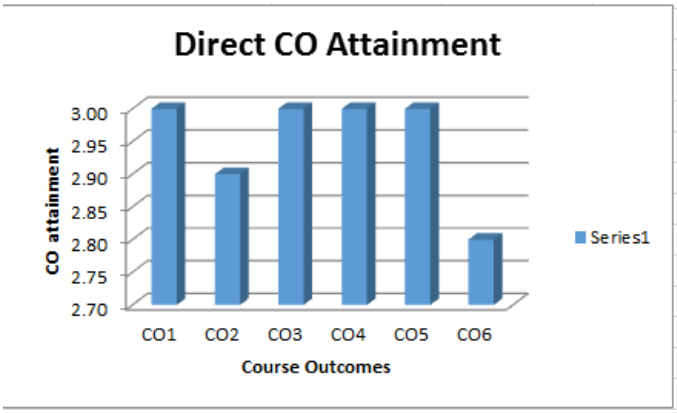
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

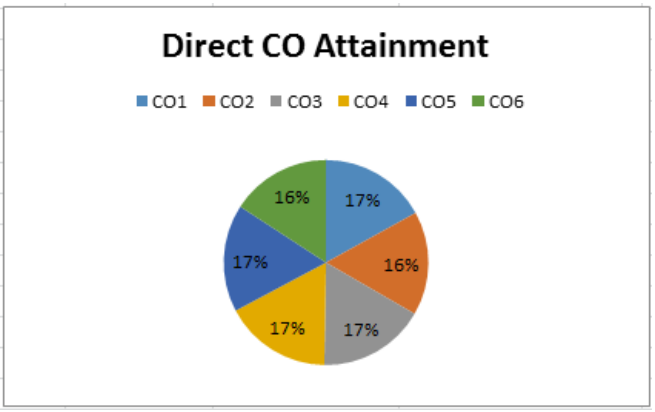
Academic Year :	2019-2020	Sem :	IV	Name :	Ms. Sujatha
Course Code :	FM403			Course :	Financial Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	8		8	7	10	10	10	10	10.0	85.0	10	54	77
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	57	81
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			43	43	47	48	34	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			33	20	29	37	21	18				50		50		50
% of students secured > 60% marks			76.7	46.5	61.7	77.1	61.8	39.1				100		100.0		100.0
CO Attainment level			3	2	3	3	3	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	2	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	**2.67**	**2.00**	**2.67**	**2.17**	**2.00**	**1.67**	**2.00**	**2.50**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
FM403	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50
Attainment	**2.62**	**1.97**	**2.62**	**2.13**	**1.97**	**1.64**	**1.97**	**2.46**
Average PO Attainment								**2.17**

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IV BACHELOR OF BUSINESS ADMINISTRATION (BBA) –IV Sem

MARKETING MANAGEMENT

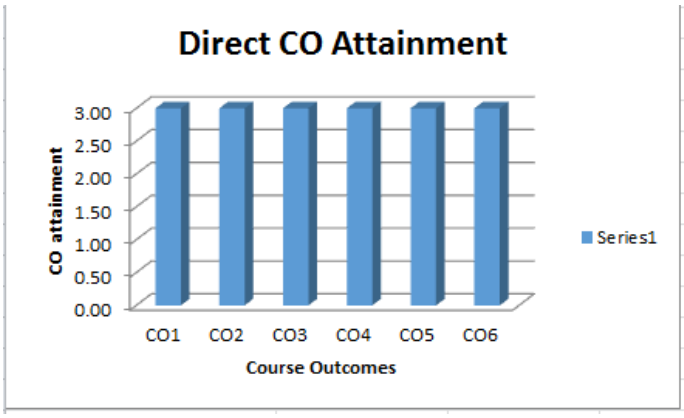
COURSE OUTCOMES (COs):	
CO1	To learn basicfunctions of marketing
CO2	Develop an awareness on marketing environment
CO3	students will learn the concepts market segementation
CO4	students will learn the concepts of 8P's of Marketing
CO5	Students will understand recent trends in marketing
CO6	Channels of distribution

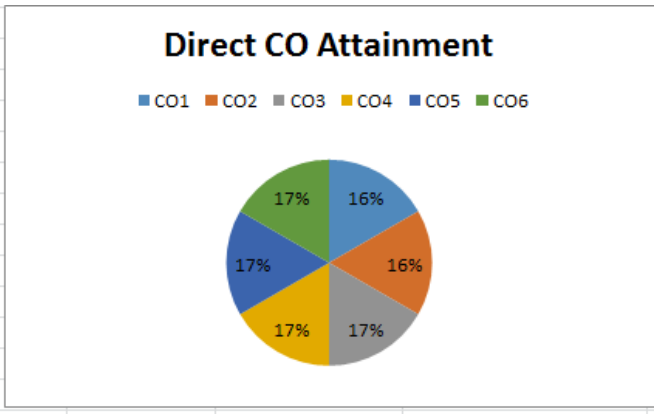
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	IV		Name :		Mr. PRAKASH D R							
Course Code :		MM402				Course :		MARKETING MANAGEMENT							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	9	4	8	8	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	9	8	6	9	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8	10	10	9	10	10	10	10	10.0	85.0	10	53	76
49	YASHIKA D JAIN	B1910657		9	10	8	6	10	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	9	4	8	8	10	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			48	45	43	48	41	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			43	27	27	37	27	30				50		50		46
% of students secured > 60% marks			89.6	60	62.8	77.1	65.9	61.2				100		100.0		92.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2	3		3
CO3	3	3	3	3	3	1	2	3
CO4	3	2	3	3	2	3	2	3
CO5	3	3	3	3	3	2	2	2
CO6	3	3	2	3	2	3	2	2
AVG	**3.00**	**2.83**	**2.83**	**2.67**	**2.17**	**2.50**	**1.50**	**2.67**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
MM402	3	2	3	2	2	1	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Attainment	**3.00**	**2.83**	**2.83**	**2.67**	**2.17**	**2.50**	**1.50**	**2.67**
Average PO Attainment								2.52

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

Banking Regulations and Operations

COURSE OUTCOMES (COs):

CO1	To learn basics of Banking
CO2	to know the laws of banking
CO3	students will learn the career opportunities in banking
CO4	students will learn the concepts of Lending
CO5	Students will understand and evaluate financial System
CO6	Develop an awareness and fundamental knowledge of banking services

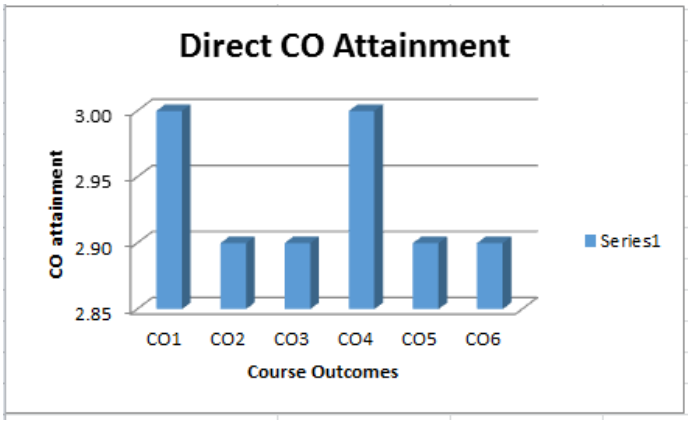
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

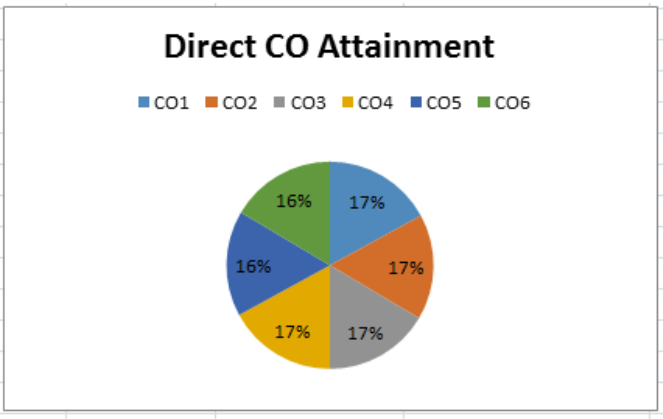
Academic Year :	2019-2020	Sem :	V	Name :	MS. SUMA
Course Code :	BRO503			Course :	Banking Regulations and Operations

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	7	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	5	6	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			48	49	50	50	41	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			40	27	28	36	24	20				50		50		50
% of students secured > 60% marks			83.3	55.1	56	72	58.5	43.5				100		100.0		100.0
CO Attainment level			3	2	2	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						**2.93**





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	1	2	3	1	3
CO3	3		3	3	2		2	2
CO4	3		1		2		3	3
CO5	3		3		2	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	3.00	1.33	2.50	1.50	1.83	1.50	2.17	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BRO503	3	2	3	2	2	1	2	2
AVG	3.00	1.33	2.50	1.50	1.83	1.50	2.17	2.67
Attainment	2.93	1.30	2.44	1.47	1.79	1.47	2.12	2.61
Average PO Attainment								2.02

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

Advertising and Media Management

COURSE OUTCOMES (COs):

CO1	To learn basicconcepts of advertising
CO2	Develop an awareness and fundamental knowledge of advertising strateiges
CO3	students will learn the concepts of advertising campains
CO4	students will learn the concepts of social media marketing
CO5	Students will understand various types of advertising media
CO6	Develop an awareness about advertising regulations

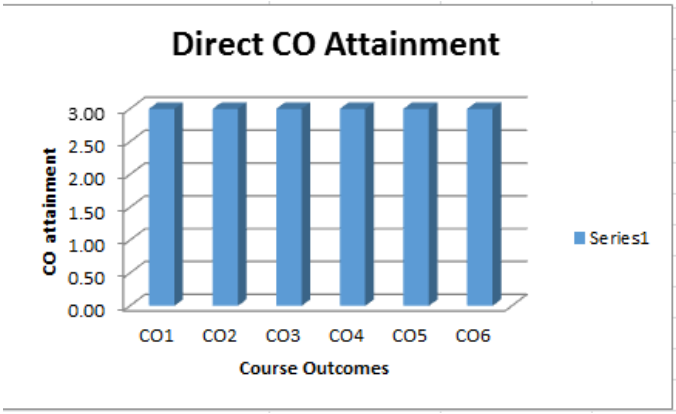
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

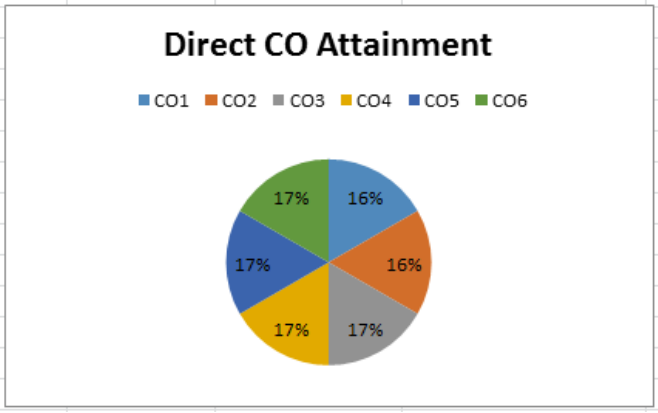
Academic Year :	2019-2020	Sem :	V	Name :	Ms. SUJATHA
Course Code :	AMM507			Course :	Advertising and Media Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	TAFZEEL AHMED.R	B1910652	8	6		8		9	10	10	10	10.0	95.0	10	60	86
20	VIMUN V ASHISH	B1910655	9	6	9	6	9	9	10	10	10	10.0	95.0	10	50	71
21	YASH M	B1910656	9	9		9	7	9	10	10	10	10.0	95.0	10	55	79
22	YASHIKA D JAIN	B1910657	9	9	9	8	6	7	10	10	10	10.0	95.0	10	61	87
23	YASHIKA.M	B1910658	8	9	4	8	4	9	10	10	10	10.0	95.0	10	56	80
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			21	20	17	21	18	23				23		23		23
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			19	13	11	17	11	22				23		23		22
% of students secured > 60% marks			90.5	65	64.7	81	61.1	95.7				100		100.0		95.7
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	2	1	3
CO2	3	3	3	2	2		3	3
CO3	1	3	3	1	2		2	3
CO4	1	2	1	2	1		2	2
CO5	1	3	3	3	3		2	3
CO6	3	2	2	3	2	1	2	2
AVG	2.00	2.67	2.50	2.17	1.83	0.50	2.00	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
AMM507	3	2	3	2	2	1	2	2
AVG	2.00	2.67	2.50	2.17	1.83	0.50	2.00	2.67
Attainment	2.00	2.67	2.50	2.17	1.83	0.50	2.00	2.67
Average PO Attainment								2.04

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

COMPUTERS APPLICATION IN BUSINESS

COURSE OUTCOMES (COs):

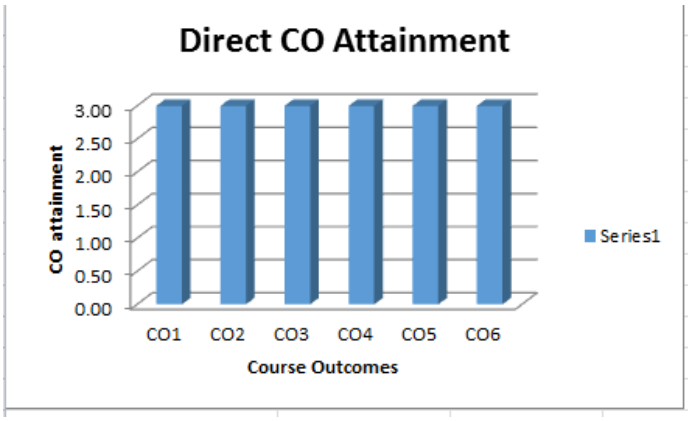
CO1	To learn basicof E Business
CO2	Develop an awareness and fundamental knowledge of Payments in E Business
CO3	students will learn the concepts of cyber laws
CO4	students will learn the concepts of encryption and decryption
CO5	Students will understand DBMS
CO6	Develop an awareness and fundamental knowledge of cyber security

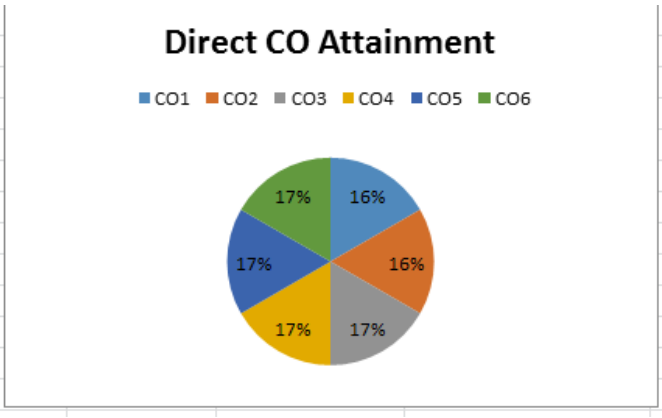
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	I			Name :		Mr. PRAKASH D R							
Course Code :		CAB502					Course :		COMPUTERS APPLICATION IN BUSINESS							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	9	4	8	8	6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	9	8	6	9	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656		8	10	10	9	10	10	10	10	10.0	85.0	10	53	76
49	YASHIKA D JAIN	B1910657		9	10	8	6	10	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	9	4	8	8	10	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			48	45	43	48	41	49				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			43	27	27	37	27	30				50		50		46
% of students secured > 60% marks			89.6	60	62.8	77.1	65.9	61.2				100		100.0		92.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2	3		3
CO3	3	3	3	3	3	1	2	3
CO4	3	2	3	3	2	3	2	3
CO5	3	3	3	3	3	2	2	2
CO6	3	3	2	3	2	3	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CAB502	3	2	3	2	2	1	2	2
AVG	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Attainment	3.00	2.83	2.83	2.67	2.17	2.50	1.50	2.67
Average PO Attainment								2.52

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

CONSUMER BEHAVIOUR

COURSE OUTCOMES (COs):

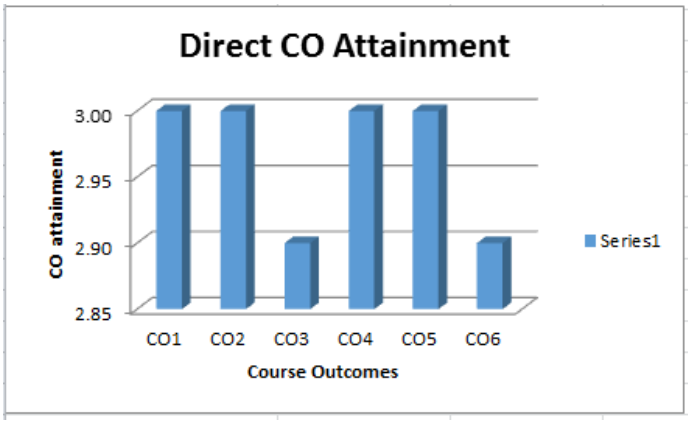
CO1	To learn basicof consumer behaviour
CO2	application of consmer behaviour knowledge
CO3	students will know current trends in consumer behaviour
CO4	students will learn the nature of consumer attitude
CO5	Students will understand consumer buying decision making process
CO6	to evaluate consumer satisfaction

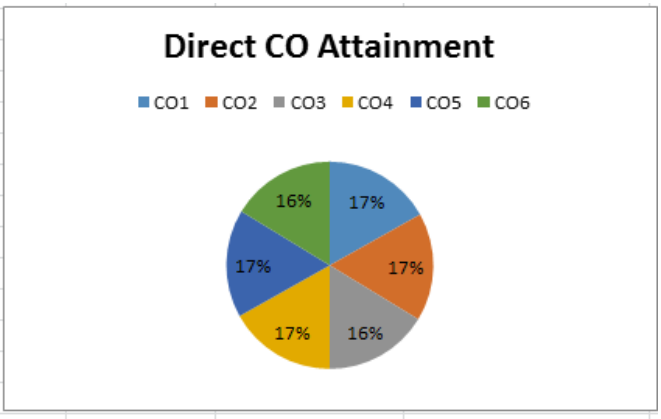
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	V		Name :		Ms. MONICA							
Course Code :		CB506				Course :		CONSUMER BEHAVIOUR							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	TAFZEEL AHMED.R	B1910652	8	6	4	8		6	10	10	10	10.0	95.0	10	60	86
20	VIMUN V ASHISH	B1910655	7	6	9		9	6	10	10	10	10.0	95.0	10	58	83
21	YASH M	B1910656		9			7	10	10	10	10	10.0	95.0	10	55	79
22	YASHIKA D JAIN	B1910657	7				6		10	10	10	10.0	95.0	10	61	87
23	YASHIKA.M	B1910658	8	9	4		4	6	10	10	10	10.0	95.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	21	16	13	18	18				23		23		23
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			18	14	9	12	11	10				23		23		20
% of students secured > 60% marks			94.7	66.7	56.3	92.3	61.1	55.6				100		100.0		87.0
CO Attainment level			3	3	2	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	2	1	3
CO2	3	3	3	2	2		3	3
CO3	1		3	1	2		2	1
CO4			3	2	3	3	2	2
CO5	1	3	3	3	3		2	1
CO6	3	2	2	3	2	1	2	2
AVG	1.83	1.83	2.83	2.17	2.17	1.00	2.00	2.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CB506	3	2	3	2	2	1	2	2
AVG	1.83	1.83	2.83	2.17	2.17	1.00	2.00	2.00
Attainment	1.81	1.81	2.80	2.14	2.14	0.99	1.98	1.98
Average PO Attainment								1.96

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

Entrepreneurial Management

COURSE OUTCOMES (COs):

CO1	To learn basicof Entrepreneurial Management
CO2	To learn pros & cons of Entrepreneurialship
CO3	to know the opportunities in Entrepreneurialship
CO4	students will learn the concepts of personal, professional career growth
CO5	Students will understand and evaluate sourcess of funding
CO6	To identify the qualities of Entrepreneurialship

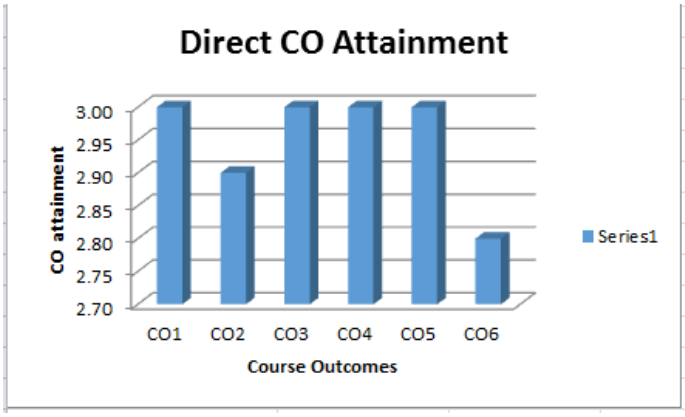
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

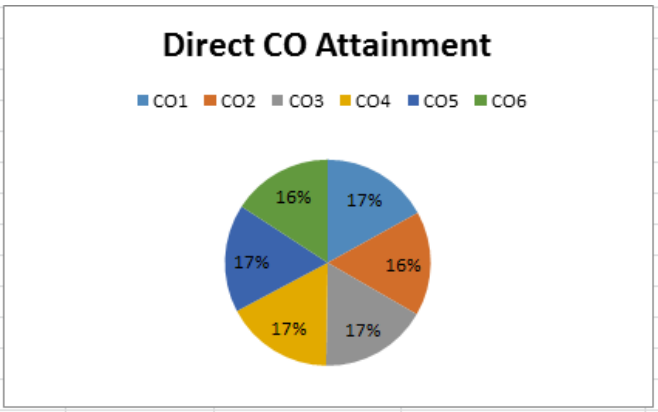
Academic Year :	2019-2020	Sem :	I	Name :	Mr. TONY
Course Code :	EM501			Course :	Entrepreneurial Management

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	8		8	7	10	10	10	10	10.0	85.0	10	54	77
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	57	81
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			43	43	47	48	34	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			33	20	29	37	21	18				50		50		50
% of students secured > 60% marks			76.7	46.5	61.7	77.1	61.8	39.1				100		100.0		100.0
CO Attainment level			3	2	3	3	3	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	2	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
EM501	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50
Attainment	2.62	1.97	2.62	2.13	1.97	1.64	1.97	2.46
Average PO Attainment								2.17

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

EMPLOYEE WELFARE AND SOCIAL SECURITY

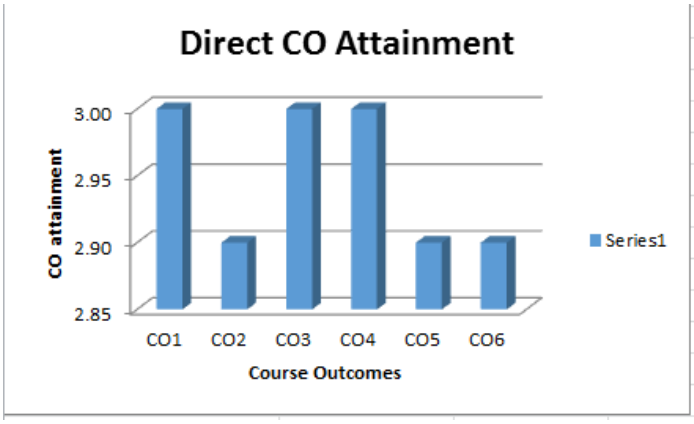
COURSE OUTCOMES (COs):	
CO1	To learn basicof Employee Welfare
CO2	Develop an awareness and fundamental knowledge of social security
CO3	Students will learn about various Statutory and Non Statutory measures
CO4	Students will be familiar with the methods of labour administration
CO5	know about Labout offices
CO6	Understand the concept of labour welfare and their significance

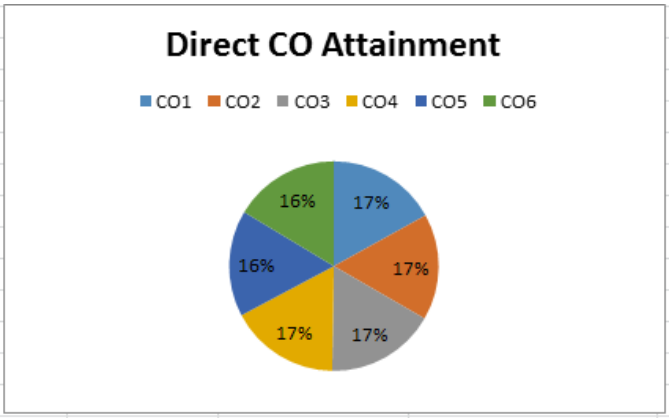
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	V		Name :		Mr. PRAKASH D R							
Course Code :		EWSS504				Course :		EMPLOYEE WELFARE AND SOCIAL SECURITY							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
25	SYED SIDDIQUE	B1910651	8	6	4	8		6	10	10	10	10.0	95.0	10	40	57
26	THRISHA SHARRON.A.S	B1910653	8	6		6	8	6	10	10	10	10.0	95.0	10	65	93
27	VAISHANAVI.B	B1910654	10		10	10	7	10	10	10	10	10.0	95.0	10	58	83
28																
60																
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			26	19	24	25	19	22				27		27		27
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			22	8	15	17	11	10				27		27		20
% of students secured > 60% marks			84.6	42.1	62.5	68	57.9	45.5				100		100.0		74.1
CO Attainment level			3	2	3	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	3	3	3	2	2	2	3	3
CO3	2	2	3	3	3	1	2	3
CO4	3	3	3	3	2	2	3	2
CO5	2	3	2	2	3	2	2	3
CO6	3	3	2	3	3		3	2
AVG	2.67	2.83	2.67	2.50	2.33	1.17	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
EWSS504	3	2	3	3	2	2	2	2
AVG	2.67	2.83	2.67	2.50	2.33	1.17	2.33	2.67
Attainment	2.62	2.79	2.62	2.46	2.29	1.15	2.29	2.62
Average PO Attainment								2.36

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V BACHELOR OF BUSINESS ADMINISTRATION (BBA) –V Sem

STRATEGIC HRM

COURSE OUTCOMES (COs):

CO1	To learn basicof SHRM
CO2	Develop an awareness and fundamental knowledge of the Human Resource Management
CO3	Students will learn to managerial solution
CO4	Students will be familiar with the methods induction and training.
CO5	HR supply forecasting
CO6	Understand the concept of succession planning

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V	Name :	Mr. TONY
Course Code :	SHRM505			Course :	STRATEGIC HRM

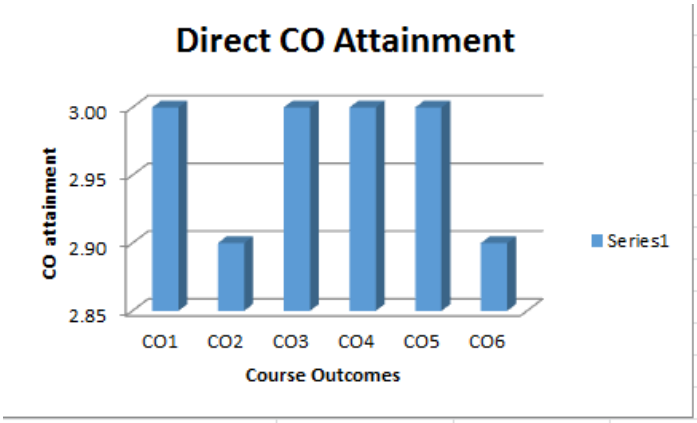
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
22	SIREKA.R	B1910646	8	6		6	8	6	10	10	10	10.0	95.0	10	58	83
23	SRIVETHI.R	B1910648	10	9	9	10	7	10	10	10	10	10.0	95.0	10	55	79
24	SWEETY.M	B1910649	10	9	10	8	9		10	10	10	10.0	95.0	10	61	87
25	SYED SIDDIQUE	B1910651	8	6	4	8		6	10	10	10	10.0	95.0	10	40	57
26	THRISHA SHARRON.A.S	B1910653	8	6		6	8	6	10	10	10	10.0	95.0	10	65	93
27	VAISHANAVI.B	B1910654	10	9	5	10	8	8	10	10	10	10.0	95.0	10	58	83
28																
60																

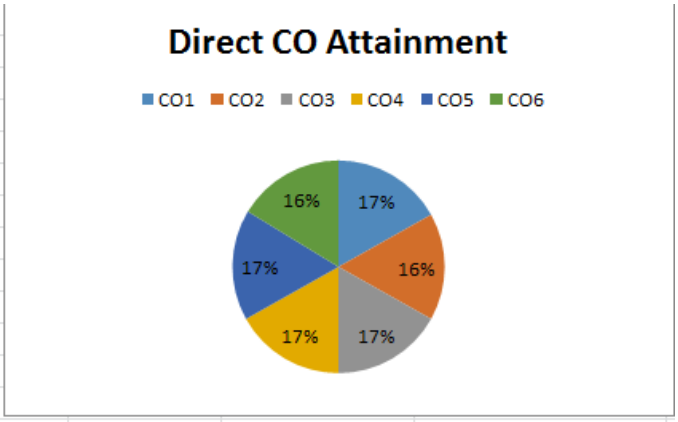
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	27	24	24	26	23	24				27		27		27
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	24	14	15	19	17	13				27		27		23
% of students secured > 60% marks	89	58	63	73	74	54				100		100.0		85.2
CO Attainment level	3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	2	3	3	2	2		3	3
CO3	3	2	3	3	2	3	2	2
CO4	2	3	3	2	2	3	2	2
CO5	2	3	3	2	2	2	3	2
CO6	2	3	2	3	2		2	2
AVG	2.33	2.83	2.83	2.33	1.83	1.33	2.17	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
SHRM505	3	2	3	2	3	1	2	2
AVG	2.33	2.83	2.83	2.33	1.83	1.33	2.17	2.33
Attainment	2.31	2.80	2.80	2.31	1.81	1.32	2.14	2.31
Average PO Attainment								2.23

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

INTERNATIONAL BUSINESS

COURSE OUTCOMES (COs):	
CO1	To understand the nature and objectives of internatonal business
CO2	To startup an International business
CO3	students will learn the concepts of Franchising, Licencing and Marketing
CO4	students will learn the concepts of International Payment System
CO5	Students learn to various career prospects in Interntional business
CO6	Develop an awareness on Import and export Business

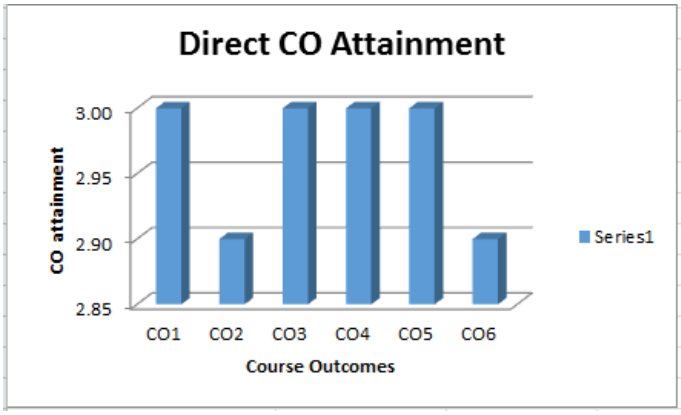
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

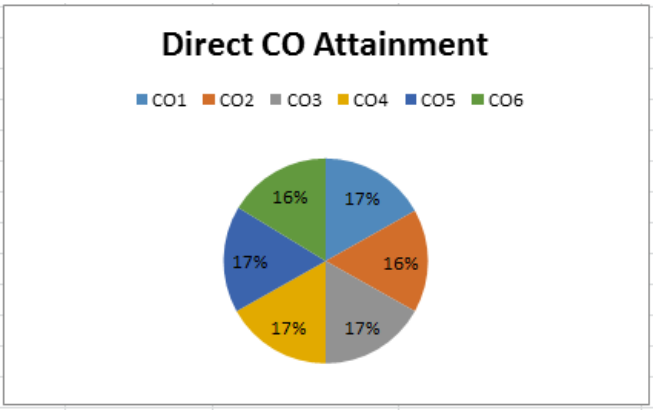
Academic Year :	2019-2020	Sem :	VI	Name :	Mr. TONY
Course Code :	IB601			Course :	INTERNATIONAL BUSINESS

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	10		10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657		9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			40	43	46	48	34	46				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			34	19	28	38	21	19				50		50		43
% of students secured > 60% marks			85	44.2	60.9	79.2	61.8	41.3				100		100.0		86.0
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	3	2	1	3	1	3
CO2	3	1	3	1	2	3		3
CO3	3	2	3	3	2	1	2	2
CO4	2	2	2	2	2		3	2
CO5	3	2	3	2	3	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
IB601	3	2	3	2	2	1	2	2
AVG	2.67	2.00	2.67	2.17	2.00	1.67	2.00	2.50
Attainment	2.64	1.98	2.64	2.14	1.98	1.65	1.98	2.47
Average PO Attainment								2.18

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

INCOME TAX

Course Outcomes (COs), Program Outcomes (POs) and Attainments

Academic Year :	2019-2020	Sem :	VI	Name :	MS. SUMA
Course Code :	IT603			Course :	INCOME TAX

COURSE OUTCOMES (COs):

CO1	To learn basicof Income Tax
CO2	To understand various tax slabs
CO3	students will learn the concepts of Filing Income Tax Returns
CO4	students will learn the objecties of Income tax
CO5	Students will understand tax plannng and management
CO6	To Understand the net tax liability of the assessee

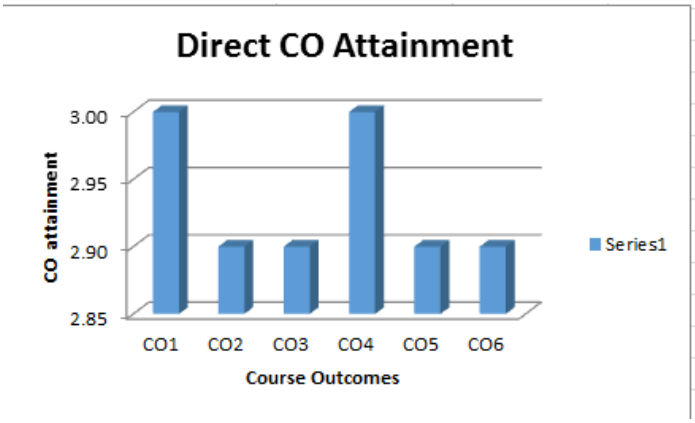
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

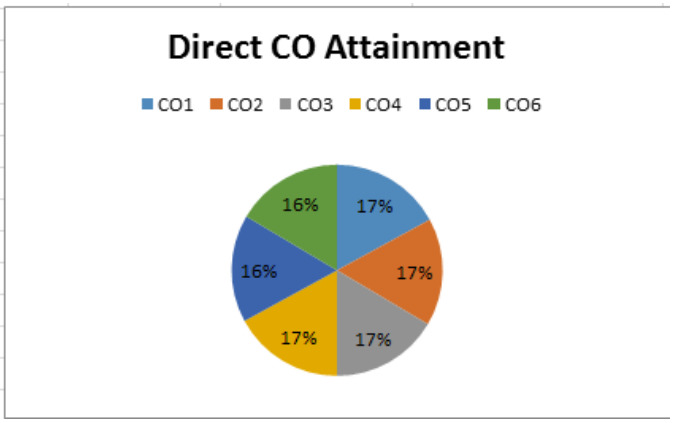
Academic Year :	2019-2020	Sem :	VI	Name :	MS. SUMA
Course Code :	IT603			Course :	INCOME TAX

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
42	SYED SHAID.I	B1910650	8	6	4	5	6	6	10	10	10	10.0	61.0	8	60	86
43	SYED SIDDIQUE	B1910651	5	6	10	8		6	10	10	10	10.0	85.0	10	60	86
44	TAFZEEL AHMED.R	B1910652	5	9	5	8	6	8	10	10	10	10.0	92.0	10	55	79
45	THRISHA SHARRON.A.S	B1910653	8	6	10	8		6	10	10	10	10.0	92.0	10	60	86
46	VAISHANAVI.B	B1910654	8	6	7	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6	9	6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10	5	6	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	6	9	10	8	6	6	10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	10	8		6	10	10	10	10.0	92.0	10	40	57
	COURSE OUTCOMES (COS) DIRECT ATTAINMENT															
	No of students attempted		48	49	50	50	40	46				50		50		50
	No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE		38	23	27	37	23	20				50		50		43
	% of students secured > 60% marks		79	47	54	74	58	43				100		100.0		86.0
	CO Attainment level		3	2	2	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	1	2	3	1	3
CO3	3	2	3	3	2	1	2	2
CO4	3	2	1	3	2	2	3	3
CO5	3	2	3	2	2	2	3	3
CO6	3	2	2	3	2	1	3	2
AVG	3.00	2.33	2.50	2.33	1.83	2.00	2.17	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
IT603	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.50	2.33	1.83	2.00	2.17	2.67
Attainment	2.93	2.28	2.44	2.28	1.79	1.96	2.12	2.61
Average PO Attainment								2.30

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

BRAND MANAGEMENT

COURSE OUTCOMES (COs):

CO1	To learn basicof Brand Management
CO2	Develop an awareness and fundamental knowledge of Branding
CO3	students will learn the concepts of types of Branding
CO4	students will learn the concepts of Product Management
CO5	Students will understand and evaluate Brand Image
CO6	To understande Brand Perfrormance

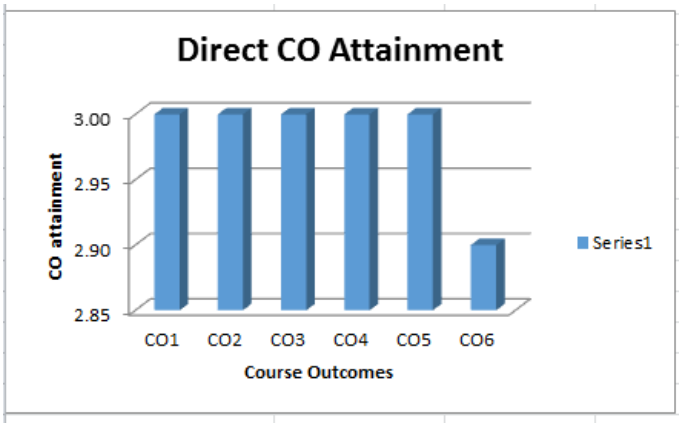
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

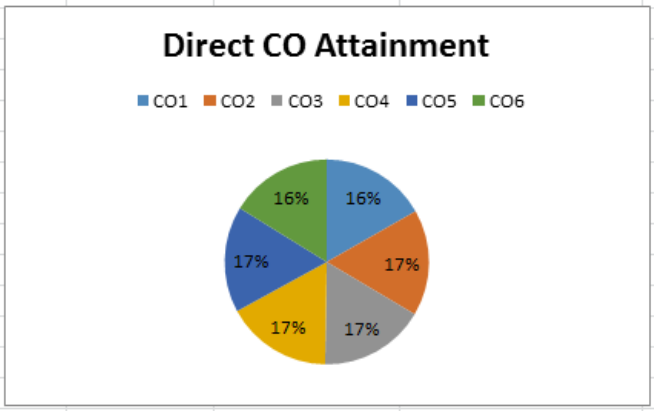
Academic Year :	2019-2020	Sem :	VI	Name :	Ms. SUJATHA
Course Code :	BM606			Course :	BRAND MANAGEMENT

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	TAFZEEL AHMED.R	B1910652	8	6	4	8		6	10	10	10	10.0	95.0	10	60	86
20	VIMUN V ASHISH	B1910655	8	6	9	6	9	6	10	10	10	10.0	95.0	10	58	83
21	YASH M	B1910656	10	9	10	10	7	10	10	10	10	10.0	95.0	10	55	79
22	YASHIKA D JAIN	B1910657	10	10	10	8	6		10	10	10	10.0	95.0	10	61	87
23	YASHIKA.M	B1910658	8	9	4	8	4	6	10	10	10	10.0	95.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			23	22	22	22	18	18				23		23		23
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			21	15	15	18	11	10				23		23		20
% of students secured > 60% marks			91.3	68.2	68.2	81.8	61.1	55.6				100		100.0		87.0
CO Attainment level			3	3	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.98





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	2	1	3
CO2	3	3	3	2	2		3	3
CO3	1	3	3	1	2	2	2	3
CO4	3	2	3	2	1	3	2	2
CO5	1	3	3	3	3	3	2	3
CO6	3	2	2	3	2	1	2	2
AVG	2.33	2.67	2.83	2.17	1.83	1.83	2.00	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BM606	3	2	3	2	2	1	2	2
AVG	2.33	2.67	2.83	2.17	1.83	1.83	2.00	2.67
Attainment	2.32	2.65	2.82	2.15	1.82	1.82	1.99	2.65
Average PO Attainment								2.28

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

COMPENSATION MANAGEMENT

COURSE OUTCOMES (COs):

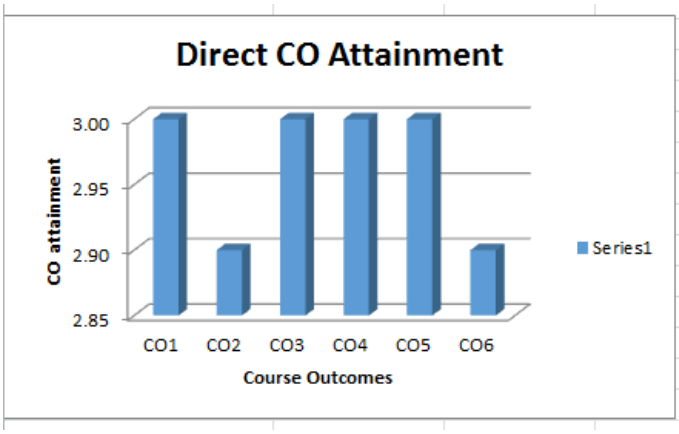
CO1	To learn basicof conceps of *Performance Appraisal*
CO2	Develop an awareness and fundamental knowledge of Compensation
CO3	Students will learn the concepts of social security
CO4	Students will be familiar with the principle and practices of compensation management
CO5	Understand the concept of wage determination
CO6	Understand the concept of variable pay

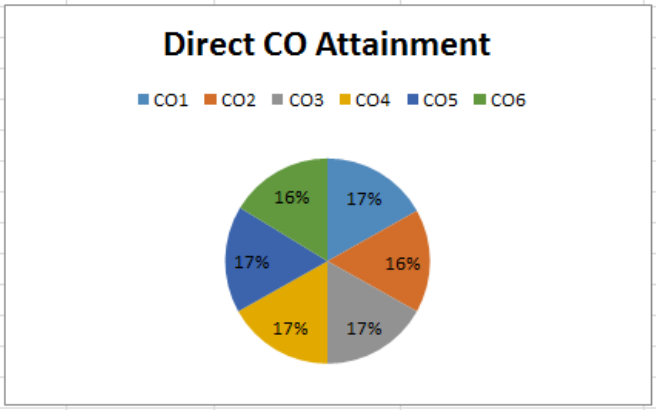
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	VI		Name :			Mr. TONY							
Course Code :		CM605				Course :			COMPENSATION MANAGEMENT							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
22	SIREKA.R	B1910646	8	6		6	8	6	10	10	10	10.0	95.0	10	58	83
23	SRIVETHI.R	B1910648	10		10	10	7	10	10	10	10	10.0	95.0	10	55	79
24	SWEETY.M	B1910649	10	9	10	8	9		10	10	10	10.0	95.0	10	61	87
25	SYED SIDDIQUE	B1910651	8	6	4	8		6	10	10	10	10.0	95.0	10	40	57
26	THRISHA SHARRON.A.S	B1910653	8	6		6	8	6	10	10	10	10.0	95.0	10	65	93
27	VAISHANAVI.B	B1910654	10	9	5	10	8	8	10	10	10	10.0	95.0	10	58	83
28																
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			27	21	24	25	19	22				27		27		27
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			24	12	15	19	13	11				27		27		20
% of students secured > 60% marks			89	57	63	76	68	50				100		100.0		74.1
CO Attainment level			3	2	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	3	3	3	2	2			3
CO3	3	2	3	3	2	1	2	2
CO4	3	2	3	2	2	2	2	2
CO5	3	2	3	2	2		2	2
CO6	3	2	2	3	2		2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.50	1.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CM605	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.50	1.50	2.33
Attainment	2.97	2.31	2.80	2.31	1.81	0.49	1.48	2.31
Average PO Attainment								2.06

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

E Business

COURSE OUTCOMES (COs):

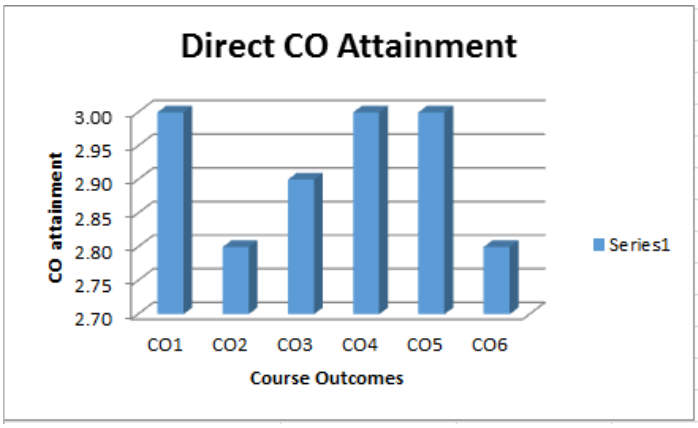
CO1	To learn basicof Computer Aplication in Business
CO2	Develop an awareness and fundamental knowledge of Business Application
CO3	students will learn the concepts of Management Information System
CO4	students will learn the concepts of Accounting Information System
CO5	Students will understand and evaluate Expert System
CO6	Develop an awareness and fundamental knowledge of dbms

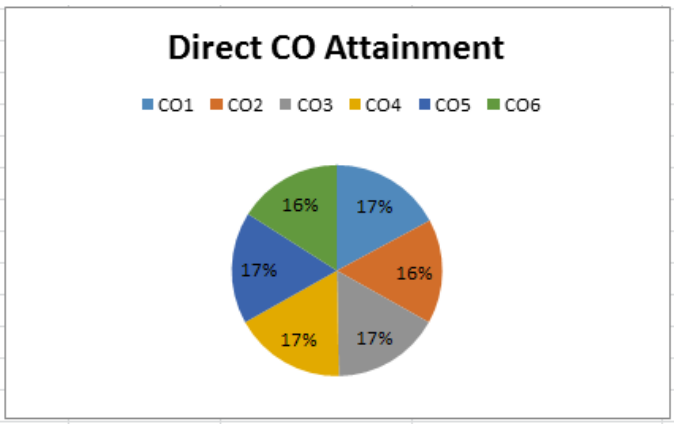
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	VI		Name :		Mr. PRAKASH D R								
Course Code :		EBUS602				Course :		E Business								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
46	VAISHANAVI.B	B1910654	8	6	4	8		6	10	10	10	10.0	69.0	8	60	86
47	VIMUN V ASHISH	B1910655	8	6		6	8	6	10	10	10	10.0	61.0	8	58	83
48	YASH M	B1910656	10		10	10	7	10	10	10	10	10.0	85.0	10	55	79
49	YASHIKA D JAIN	B1910657	10	9	10	8	6		10	10	10	10.0	92.0	10	61	87
50	YASHIKA.M	B1910658	8	6	4	8		6	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			50	41	42	48	33	40				50		50		50
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			44	15	22	36	21	14				50		50		43
% of students secured > 60% marks			88	36.6	52.4	75	63.6	35				100		100.0		86.0
CO Attainment level			3	1	2	3	3	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.92





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	3	1	3
CO2	3	3	3	2	2			3
CO3	3	2	3	3	2	1	2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2	2	2	2
CO6	3	2	2	3	2		2	2
AVG	3.00	2.33	2.83	2.33	1.83	1.00	1.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.92

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
EBUS602	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.33	1.83	1.00	1.50	2.33
Attainment	2.92	2.27	2.75	2.27	1.78	0.97	1.46	2.27
Average PO Attainment								2.09

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

ORGANISATIONAL CHANGE AND DEVELOPMENT

COURSE OUTCOMES (COs):

CO1	To learn basicof change Management
CO2	Develop an awareness and fundamental knowledge of the need to change
CO3	Students will learn why orgaisations change
CO4	Students will be familiar with the methods planning, managing and measuring change.
CO5	learn leadership Skills
CO6	Understand the concept of change and their significance

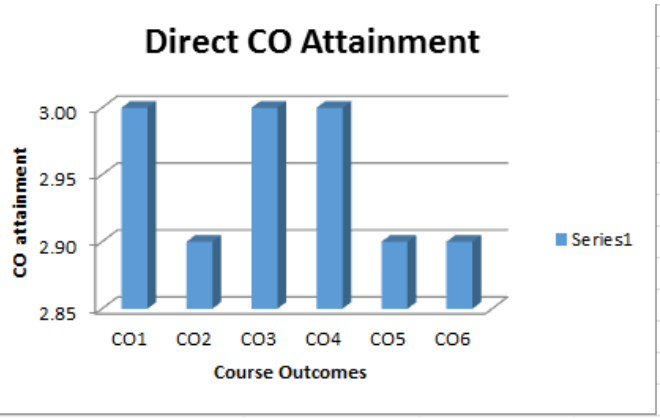
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

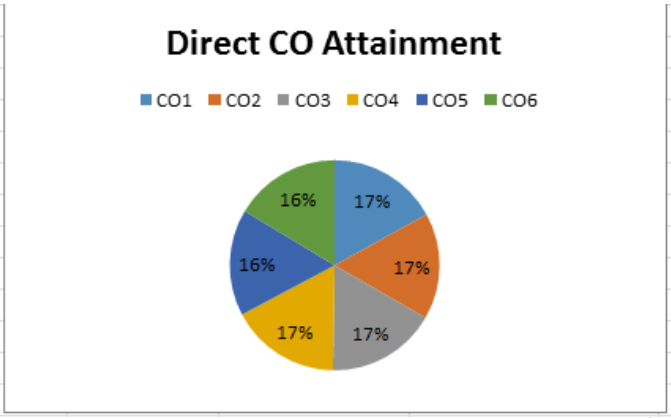
Academic Year :	2019-2020	Sem :	VI	Name :	Mr. PRAKASH D R
Course Code :	OCD604			Course :	ORGANISATIONAL CHANGE AND DEVELOPMENT

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
21	SIMRAN SULTANA	B1910645	8	6	4	8		6	10	10	10	10.0	95.0	10	60	86
22	SIREKA.R	B1910646	8	6		6	8	6	10	10	10	10.0	95.0	10	58	83
23	SRIVETHI.R	B1910648	10		10	10	7	10	10	10	10	10.0	95.0	10	55	79
24	SWEETY.M	B1910649	10	10	10	8	6		10	10	10	10.0	95.0	10	61	87
25	SYED SIDDIQUE	B1910651	8	6	4	8		6	10	10	10	10.0	95.0	10	40	57
26	THRISHA SHARRON.A.S	B1910653	8	6		6	8	6	10	10	10	10.0	95.0	10	65	93
27	VAISHANAVI.B	B1910654	10		10	10	7	10	10	10	10	10.0	95.0	10	58	83
28																
60																
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			26	19	24	25	19	22				27		27		27
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			22	8	15	17	11	10				27		27		20
% of students secured > 60% marks			85	42	63	68	58	45				100		100.0		74.1
CO Attainment level			3	2	3	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	3	3	3	2	2			3
CO3	3	2	3	3	2		2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2		2	2
CO6	3	2	2	3	2		2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.00	1.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
OCD604	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.00	1.50	2.33
Attainment	2.95	2.29	2.79	2.29	1.80	0.00	1.48	2.29
Average PO Attainment								1.99

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VI BACHELOR OF BUSINESS ADMINISTRATION (BBA) –VI Sem

RETAIL MANAGEMENT

COURSE OUTCOMES (COs):

CO1	To learn basic concepts of retail management
CO2	Develop anability to maintain office records
CO3	students will learn the concepts of digitalization of retailing
CO4	students will learn to demonstrate skills in retail organisation
CO5	Students will learn to build retail brand
CO6	Undtersatand the customer service

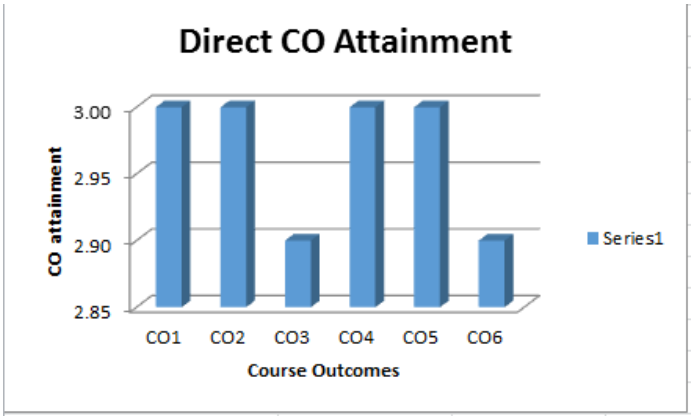
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

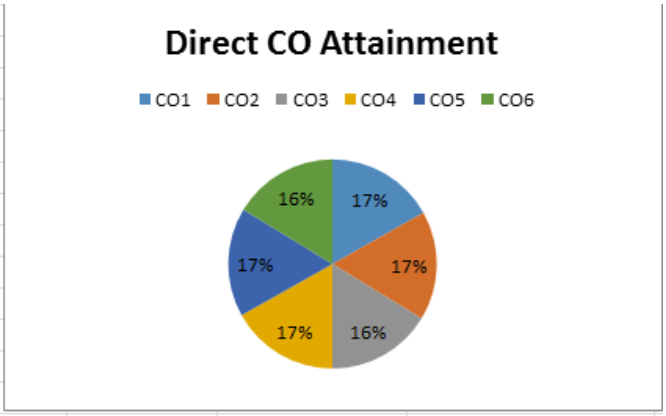
Academic Year :	2019-2020	Sem :	VI	Name :	Ms. MONICA
Course Code :	RM607			Course :	RETAIL MANAGEMENT

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	TAFZEEL AHMED.R	B1910652	8	6	4	8		6	10	10	10	10.0	95.0	10	60	86
20	VIMUN V ASHISH	B1910655	7	6	9		9	6	10	10	10	10.0	95.0	10	58	83
21	YASH M	B1910656		9			7	10	10	10	10	10.0	95.0	10	55	79
22	YASHIKA D JAIN	B1910657	7				6		10	10	10	10.0	95.0	10	61	87
23	YASHIKA.M	B1910658	8	9	4		4	6	10	10	10	10.0	95.0	10	40	57
	COURSE OUTCOMES (COS) DIRECT ATTAINMENT															
No of students attempted			19	21	16	13	18	18				23		23		23
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE			17	14	9	11	11	10				23		23		20
% of students secured > 60% marks			89.5	66.7	56.3	84.6	61.1	55.6				100		100.0		87.0
CO Attainment level			3	3	2	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	2	1	3
CO2	3	3	3	2	2		3	3
CO3	1		3	1	2		2	1
CO4			3	2	3	3	2	2
CO5	1	3	3	3	3		2	1
CO6	3	2	2	3	2	1	2	2
AVG	1.83	1.83	2.83	2.17	2.17	1.00	2.00	2.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BM606	3	2	3	2	2	1	2	2
AVG	1.83	1.83	2.83	2.17	2.17	1.00	2.00	2.00
Attainment	1.81	1.81	2.80	2.14	2.14	0.99	1.98	1.98
Average PO Attainment								1.96

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I SEM BCA

Problem solving techniques using C

COURSE OUTCOMES (COs):

CO1	Control the sequence of the program and give logical outputs
CO2	Implement strings in your C program
CO3	Manage I/O operations in your C program
CO4	Repeat the sequence of instructions and points for a memory location
CO5	Apply code reusability with functions and pointers
CO6	Understand the basics of file handling mechanisms

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Mr. Siddarama S
Course Code :	BCA103T			Course :	Problem solving techniques using C

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	6	4	4	2	2	0	10	10	10	10.0	83.0	10	39	56
2	AVINASH R	R1910402	0	5	3	5	3	2	10	10	10	10.0	69.0	8	25	36
3	BALAJIPRASAD M	R1910403	5		5		3	2	10	10	10	10.0	61.0	8	49	70
4	BINDHU M C	R1910404	8		6	7	6	8	10	10	10	10.0	85.0	10	59	84
5	BINDHU N	R1910405	8	6	6		8	10	10	10	10	10.0	92.0	10	63	90

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	69	50	65	66	44	52				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	55	27	47	45	28	25				69		69		59
% of students secured > 60% marks	79.7	54	72.3	68.2	63.6	48.1				100		100.0		85.5
CO Attainment level	3	2	3	3	3	2				3		3		3

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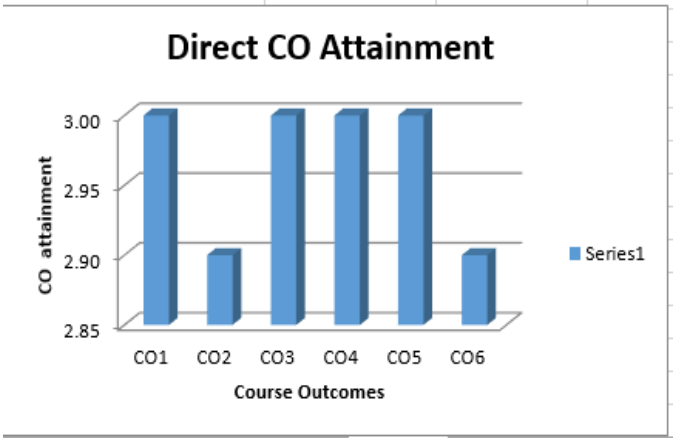
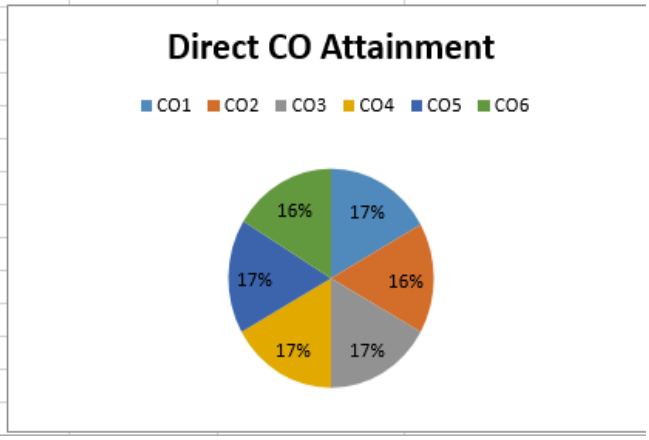
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA103T	3	2	3	3	1	2	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	2.97	2.31	2.80	2.97	1.32	2.31	2.97	2.97
Average PO Attainment								2.58

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I SEM BCA

Digital Electronics

COURSE OUTCOMES (COs):

CO1	Knowledge about the circuits
CO2	Basics of Logic Gates
CO3	Construction of Circuits
CO4	Designing application
CO5	Structure of Number System
CO6	Creativity Thinking of circuit

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	I				Name :			Mr. Umesh N							
Course Code :		BCA104T						Course :			Digital Electronics							
S. No	Name of the Student	Register No	IA TEST							ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6		A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6									
		Max. Marks	10	10	10	10	10	10		10	10	10	10		10	70	
1	ARAVIND J	R1910401	6	4	4	2	2	0		10	10	10	10.0	83.0	10	53	76
2	AVINASH R	R1910402	0	5	3	5	3	2		10	10	10	10.0	69.0	8	46	66
3	BALAJIPRASAD M	R1910403	5		5		3	2		10	10	10	10.0	61.0	8	65	93
4	BINDHU M C	R1910404	8		6	7	6	8		10	10	10	10.0	85.0	10	67	96
5	BINDHU N	R1910405	8	6	6		8	10		10	10	10	10.0	92.0	10	67	96

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	69	50	66	66	44	52				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	55	25	42	42	26	25				69		69		69
% of students secured > 60% marks	79.7	50	63.6	63.6	59.1	48.1				100		100.0		100.0
CO Attainment level	3	2	3	3	2	2				3		3		3

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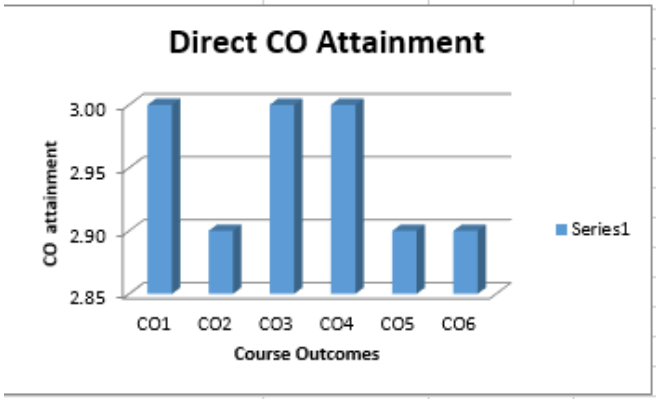
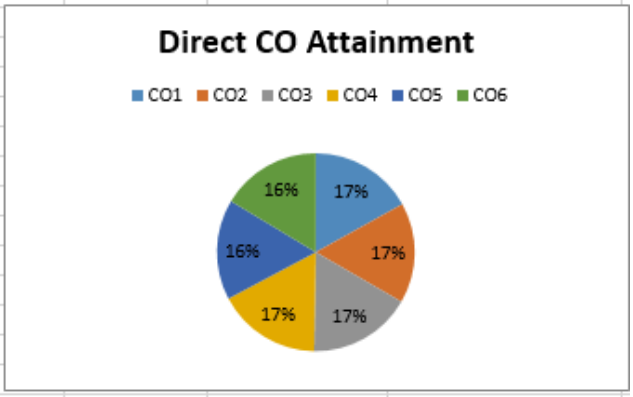
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	1	2	2	2	3
CO2	3	3	3	2	1	1	3	3
CO3	3	3	3	2	1	1	3	3
CO4	3	3	3	2	1	1	3	3
CO5	3	3	2	2	1	1	3	2
CO6	3	3	3	2	1	1	3	2
AVG	3.00	3.00	2.83	1.83	1.17	1.17	2.83	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA104T	3	3	3	2	1	1	3	3
AVG	3.00	3.00	2.83	1.83	1.17	1.17	2.83	2.67
Attainment	2.95	2.95	2.79	1.80	1.15	1.15	2.79	2.62
Average PO Attainment								2.27

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II SEM BCA

Data Base Management System

COURSE OUTCOMES (COs):

CO1	Basic Principles of DBMS
CO2	To draw Entity-Relationship diagram
CO3	To write SQL queries
CO4	Normalization techniques
CO5	Transaction processing and Concurrency control concepts
CO6	Architecture of Database

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	II			Name :		Mrs. Suganya								
Course Code :		BCA204T					Course :		Data Base Management System								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	6		4	4	5	2	10	10	10	10.0	83.0	10	62	89
2	AVINASH R	R1910402	10	10		8	6		10	10	10	10.0	69.0	8	51	73
3	BALAJIPRASAD M	R1910403	8	6	4	8		6	10	10	10	10.0	61.0	8	57	81
4	BINDHU M C	R1910404	8	6	4	6	8	6	10	10	10	10.0	85.0	10	69	99
5	BINDHU N	R1910405	7		6	5	7	10	10	10	10	10.0	92.0	10	69	99

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	67	49	64	67	47	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	54	24	34	39	27	22				69		69		69
% of students secured > 60% marks	80.6	49	53.1	58.2	57.4	44.9				100		100.0		100.0
CO Attainment level	3	2	2	2	2	2				3		3		3

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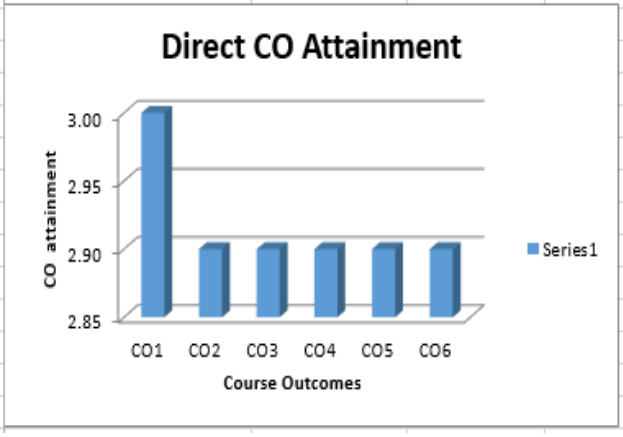
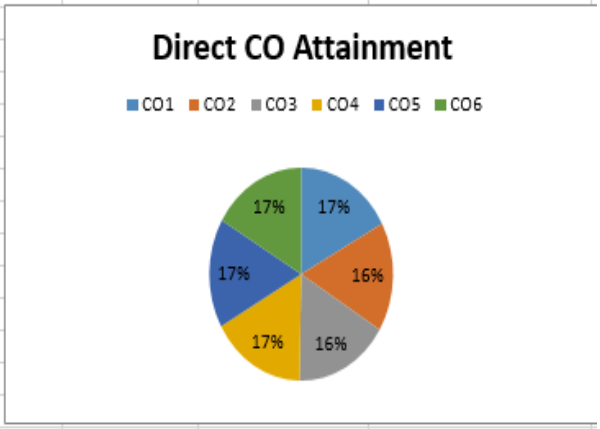
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.92





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.92

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA204T	3	2	3	3	1	2	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	2.92	2.27	2.75	2.92	1.30	2.27	2.92	2.92
Average PO Attainment								2.53

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II SEM BCA

Data Structures

COURSE OUTCOMES (COs):

CO1	Knowledge about Algorithm
CO2	Dynamic Memory Management
CO3	Problem Solving
CO4	Critical thinking
CO5	Resource Utilization
CO6	Searching and Sorting Techniques

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	II	Name :	Mr. Siddarama S
Course Code :	BCA203T			Course :	Data Structures

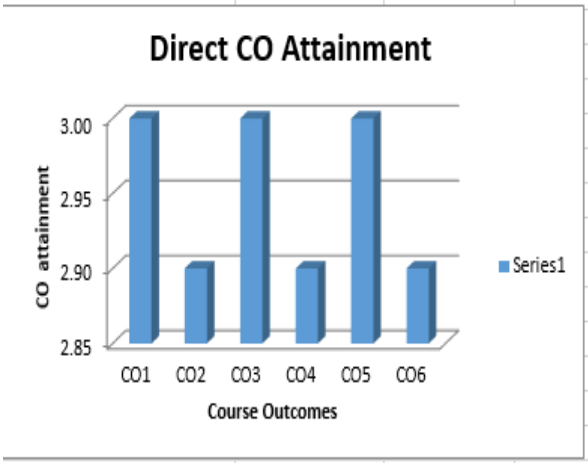
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	10	8	7	3	8		10	10	10	10.0	83.0	10	50	71
2	AVINASH R	R1910402	6		4	4	5	2	10	10	10	10.0	69.0	8	29	41
3	BALAJIPRASAD M	R1910403	10	6	10	8	6		10	10	10	10.0	61.0	8	57	81
4	BINDHU M C	R1910404	8		8	10	8	8	10	10	10	10.0	85.0	10	61	87
5	BINDHU N	R1910405	10	8	7	8	8		10	10	10	10.0	92.0	10	62	89

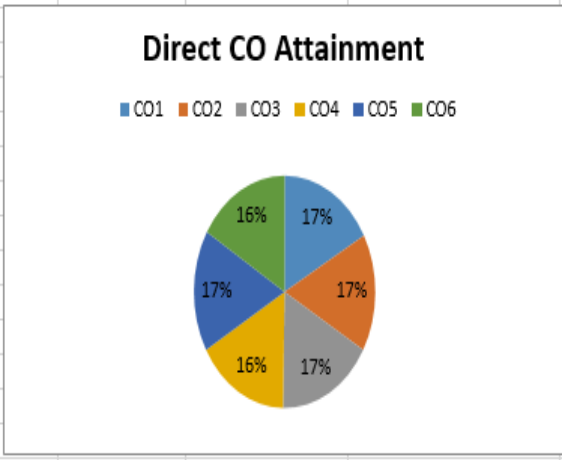
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	68	50	64	68	45	48				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	55	28	42	39	27	22				69		69		67
% of students secured > 60% marks	80.9	56	65.6	57.4	60	45.8				100		100.0		97.1
CO Attainment level	3	2	3	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	2	3	3
CO2	3	3	2	3	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	3	3	2	2	3	3
CO5	3	3	3	3	1	3	3	3
CO6	3	3	3	3	2	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA203T	3	3	3	3	1	2	3	3
AVG	3.00	3.00	2.83	3.00	1.33	2.17	3.00	3.00
Attainment	2.95	2.95	2.79	2.95	1.31	2.13	2.95	2.95
Average PO Attainment								2.62

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III SEM BCA

Object Oriented Programming Using C++

COURSE OUTCOMES (COs):

CO1	Describe OOPs concepts
CO2	Use functions and pointers in C++ program
CO3	To Understand tokens, expressions, and control structures
CO4	Describe and use constructors and destructors
CO5	Understand and employ file management
CO6	Demonstrate how to control errors with exception handling

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Mrs. Kalpana P
Course Code :	BCA303T			Course :	Object Oriented Programming using C++

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	10	8	7	7	8		10	10	10	10.0	83.0	10	40	57
2	AVINASH R	R1910402	10	8	2	8		6	10	10	10	10.0	69.0	8	35	50
3	BALAJIPRASAD M	R1910403		6	3	8	8		10	10	10	10.0	61.0	8	54	77
4	BINDHU M C	R1910404	6	4	4	6		6	10	10	10	10.0	85.0	10	63	90
5	BINDHU N	R1910405	10	9	5	8		8	10	10	10	10.0	92.0	10	59	84

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	66	49	65	65	49	47				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	51	23	33	39	27	20				69		69		57
% of students secured > 60% marks	77.3	46.9	50.8	60	55.1	42.6				100		100.0		82.6
CO Attainment level	3	2	2	3	2	2				3		3		3

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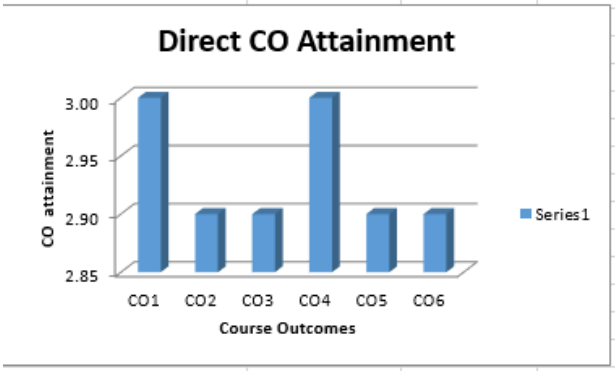
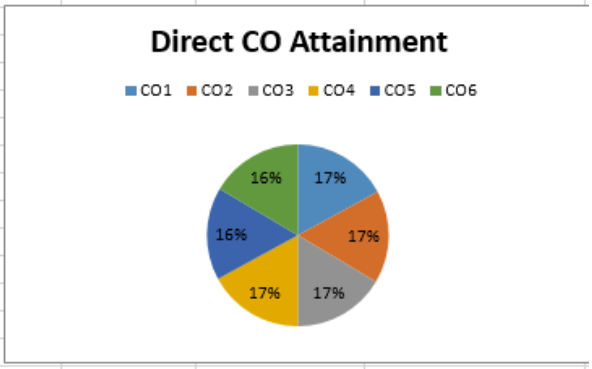
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	1	3	3	3
CO2	3	2	1	2	1	2	3	3
CO3	3	3	3	3	1	2	3	3
CO4	3	3	2	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.67	2.33	2.67	1.33	2.50	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA303T	3	3	3	3	1	2	3	3
AVG	3.00	2.67	2.33	2.67	1.33	2.50	3.00	3.00
Attainment	2.93	2.61	2.28	2.61	1.30	2.44	2.93	2.93
Average PO Attainment								2.51

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III SEM BCA

Operating System

COURSE OUTCOMES (COs):

CO1	Analyse basic concepts of operating system and their structures
CO2	Interpret the issues and challenges of memory management
CO3	Computer architecture, machines viewed at different abstraction levels
CO4	Describe the role of paging, segmentation and virtual memory in operating systems.
CO5	Protection and security of UNIX and Windows based OS.
CO6	Device Management Policies and Secondary Storage Structure

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	III	Name :	Mrs. Suganya
Course Code :	BCA305T			Course :	Operating System

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	6		4	4	5	2	10	10	10	10.0	83.0	10	37	37
2	AVINASH R	R1910402	10	10		8	6		10	10	10	10.0	69.0	8	37	37
3	BALAJIPRASAD M	R1910403	8	6	4	8		6	10	10	10	10.0	61.0	8	54	54
4	BINDHU M C	R1910404	8	6	4	6	8	6	10	10	10	10.0	85.0	10	95	95
5	BINDHU N	R1910405	7		6	8	7	10	10	10	10	10.0	92.0	10	85	85

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	67	47	64	67	48	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	19	32	38	25	18				69		69		42
% of students secured > 60% marks	74.6	40.4	50	56.7	52.1	36.7				100		100.0		60.9
CO Attainment level	3	2	2	2	2	1				3		3		3

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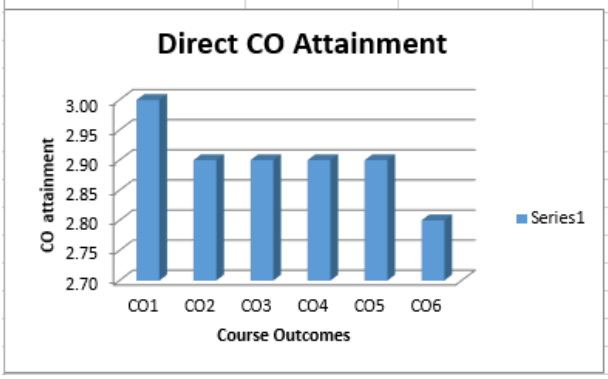
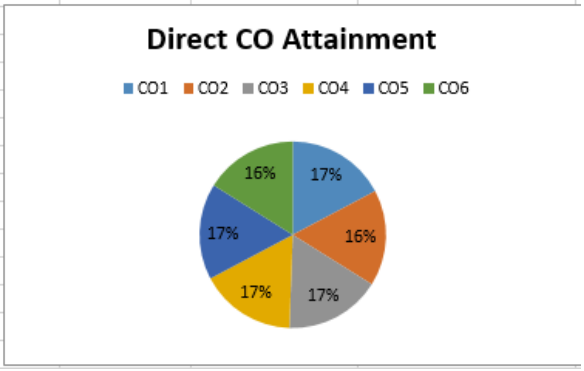
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.90





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	1	3	3
CO2	3	2	3	3			3	3
CO3	3	2	3	3		1	2	3
CO4	3	3	3	3		1	3	3
CO5	3	3	3	3		1	3	3
CO6	3	3	3	3			3	3
AVG	3.00	2.50	2.83	3.00	0.17	0.67	2.83	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.90

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA305T	3	2	3	3	0	1	3	3
AVG	3.00	2.50	2.83	3.00	0.17	0.67	2.83	3.00
Attainment	2.90	2.42	2.74	2.90	0.16	0.64	2.74	2.90
Average PO Attainment								2.18

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IV SEM BCA

Operation Research

COURSE OUTCOMES (COs):

CO1	Understand the objectives, phases, models, used in operation research
CO2	Solve linear programming problems using simplex method ,Big M method 2-phase method
CO3	Solve linear programming problems using duality theory and post optimality analysis
CO4	Solve problems on transportation, assignment problems and game theory
CO5	Understand the nature of met heuristics, simulated annealing and genetic algorithms
CO6	Formulate Network models for service and manufacturing systems, and apply operations research techniques and algorithms to solve these Network problems

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	IV	Name :	Mr. Madhavi N
Course Code :	BCA405T			Course :	Operation Research

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	6		4	4	5	2	10	10	10	10.0	83.0	10	65	65
2	AVINASH R	R1910402	10	4	2	10		10	10	10	10	10.0	69.0	8	60	60
3	BALAJIPRASAD M	R1910403	8		3	10	8	8	10	10	10	10.0	61.0	8	86	86
4	BINDHU M C	R1910404	10	3	7	8	8		10	10	10	10.0	85.0	10	97	97
5	BINDHU N	R1910405	6		5	4	5	2	10	10	10	10.0	92.0	10	95	95

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	68	43	69	68	56	52				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	18	48	40	30	21				69		69		68
% of students secured > 60% marks	73.5	41.9	69.6	58.8	53.6	40.4				100		100.0		98.6
CO Attainment level	3	2	3	2	2	2				3		3		3

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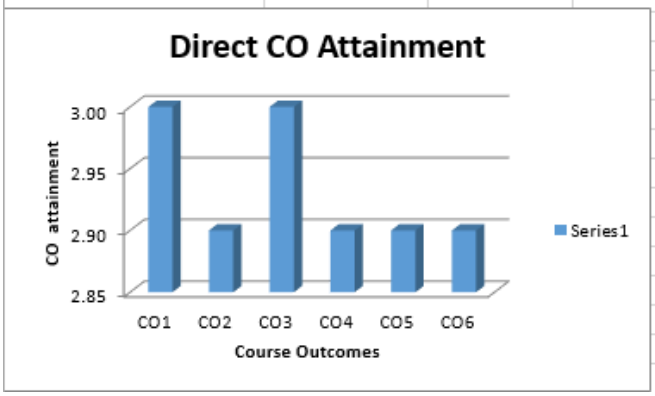
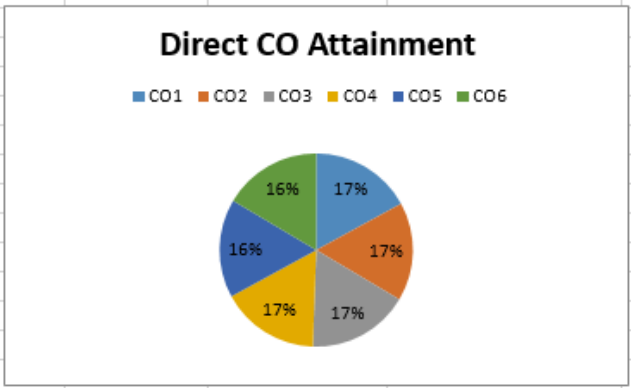
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3		1	3	3
CO2	3	3	3			1	3	3
CO3	3	3	3			1	3	3
CO4	3	3	3			1	2	3
CO5	3	3	3	3		2	3	3
CO6	3	3	2	2	1	2	3	3
AVG	3.00	3.00	2.83	1.33	0.17	1.33	2.83	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA405T	3	3	3	1	0	1	2	3
AVG	3.00	3.00	2.83	1.33	0.17	1.33	2.83	3.00
Attainment	2.93	2.93	2.77	1.30	0.16	1.30	2.77	2.93
Average PO Attainment								2.14

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IV SEM BCA

UNIX Shell Programming

COURSE OUTCOMES (COs):

CO1	Understand the basic concepts of UNIX Architecture and basic Commands
CO2	Understand different types of Files, File system and basic file system commands.
CO3	Understand the commands related to Shell basics, vi editor and regular expression commands.
CO4	Understand the concepts of advance file concepts, commands related to Shell script commands
CO5	Understand the concepts of process and commands
CO6	Develop managing files and directives

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	IV	Name :	Mr. Umesh N		
Course Code :	BCA404T			Course :	Unix Shell Programming		

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	10	4	2	10		10	10	10	10	10.0	83.0	10	57	81
2	AVINASH R	R1910402	8		3	10	8	8	10	10	10	10.0	69.0	8	45	64
3	BALAJIPRASAD M	R1910403	10	3	7	8	8		10	10	10	10.0	61.0	8	63	90
4	BINDHU M C	R1910404	6		5	4	5	2	10	10	10	10.0	85.0	10	68	97
5	BINDHU N	R1910405	10	10	8	8	6		10	10	10	10.0	92.0	10	67	96

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	67	45	69	67	51	47				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	18	46	40	28	20				69		69		69
% of students secured > 60% marks	74.6	40	66.7	59.7	54.9	42.6				100		100.0		100.0
CO Attainment level	3	2	3	2	2	2				3		3		3

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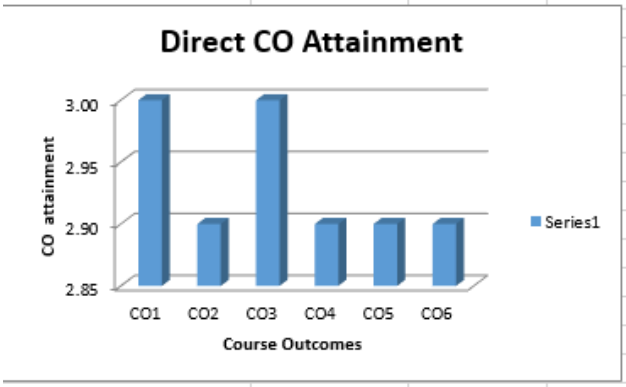
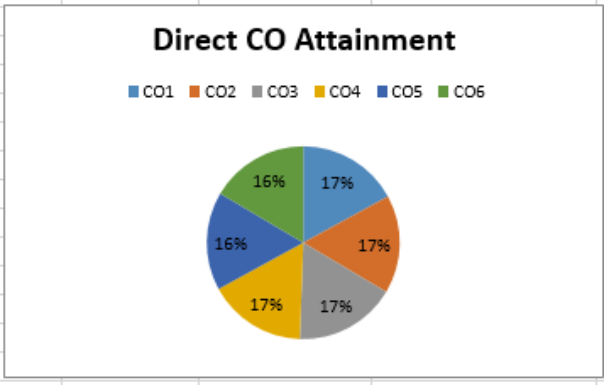
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3		2	3	3
CO2	3			3		1	3	3
CO3	3	2	2	3		2	3	3
CO4	3	3	3	3		2	3	3
CO5	3	2	2	3	1	2	3	3
CO6	3	3	3	3	1	2	3	3
AVG	3.00	2.17	2.17	3.00	0.33	1.83	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA404T	3	2	2	3	0	2	3	3
AVG	3.00	2.17	2.17	3.00	0.33	1.83	3.00	3.00
Attainment	2.93	2.12	2.12	2.93	0.33	1.79	2.93	2.93
Average PO Attainment								2.26

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IV SEM BCA

Visual Programming

COURSE OUTCOMES (COs):

CO1	To Understand an overview of computers and computer programming
CO2	To Understand Visual Basic applications
CO3	Understand how to perform operations and store results
CO4	Understand the concept of data-driven program execution flow control in Visual Basic programming
CO5	Understand additional Visual Basic controls
CO6	Understand loops to do repetition

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2020-2021	Sem :	IV		Name :		Mrs. Sangeetha D S									
Course Code :		BCA403T				Course :		Visual Programming									
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%	
			CO1	CO2	CO3	CO4	CO5	CO6									
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70		
1	ARAVIND J	R1910401	8	6	4	8		6	10	10	10	10.0	83.0	10	54	77	
2	AVINASH R	R1910402	8	6		6	8	6	10	10	10	10.0	69.0	8	47	67	
3	BALAJIPRASAD M	R1910403	10		10	10	7	10	10	10	10	10.0	61.0	8	67	96	
4	BINDHU M C	R1910404		6	3	8	8		10	10	10	10.0	85.0	10	68	97	
5	BINDHU N	R1910405	6	4	4	6		6	10	10	10	10.0	92.0	10	61	87	

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	66	48	68	65	48	50				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	18	41	38	28	21				69		69		69
% of students secured > 60% marks	75.8	37.5	60.3	58.5	58.3	42				100		100.0		100.0
CO Attainment level	3	1	3	2	2	2				3		3		3

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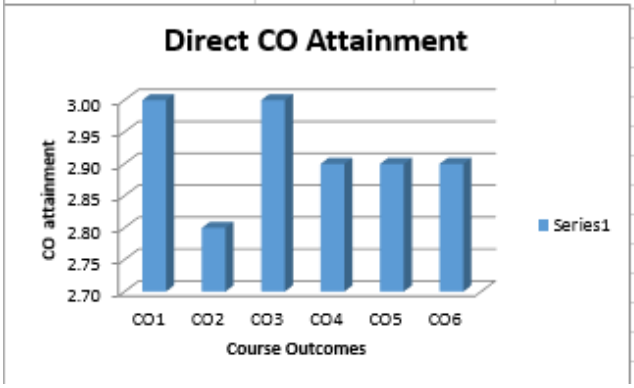
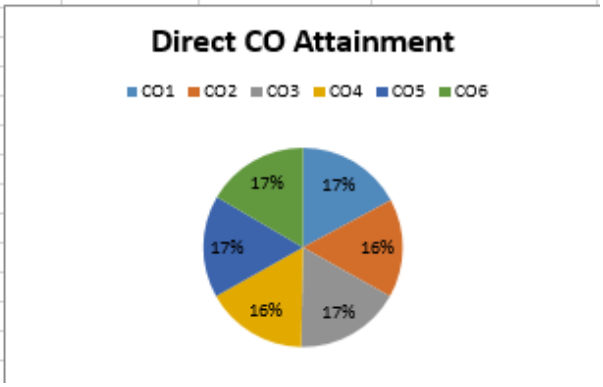
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.92





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3		2	3	3
CO2	3	3	3	3	1	2	3	3
CO3	3	3	3	3		2	3	3
CO4	3	3	3	3	1	3	3	3
CO5	3	3	3	3		2	3	3
CO6	3	3	3	3		2	3	3
AVG	3.00	3.00	2.83	3.00	0.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.92

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA403T	3	3	3	3	0	2	3	3
AVG	3.00	3.00	2.83	3.00	0.33	2.17	3.00	3.00
Attainment	2.92	2.92	2.75	2.92	0.32	2.11	2.92	2.92
Average PO Attainment								2.47

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V SEM BCA

Microprocessor and assembly language

COURSE OUTCOMES (COs):

CO1	Understand the basic architecture of 8085
CO2	Impart the knowledge about the instruction set
CO3	Understand the basic idea about the data transfer schemes and its applications able to exhibit communication between objects using sequence diagram
CO4	Develop skill in simple program writing for INTEL 8085
CO5	Interface various peripheral IC's with 8085 microprocessor for its various applications.
CO6	Familiarise the architecture and operation of Programmable Interface Devices representation and operations with this representation

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mrs. Kalpana P
Course Code :	BCA505T			Course :	Microprocessor and assembly language

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	10	8	7	7	8		10	10	10	10.0	83.0	10	41	59
2	AVINASH R	R1910402	6		10	4	5	2	10	10	10	10.0	69.0	8	30	43
3	BALAJIPRASAD M	R1910403	6		5	4	5	2	10	10	10	10.0	61.0	8	59	84
4	BINDHU M C	R1910404	10	10	8	8	6		10	10	10	10.0	85.0	10	70	100
5	BINDHU N	R1910405	8		8	4	8	8	10	10	10	10.0	92.0	10	61	87

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	69	40	69	67	60	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	49	19	49	40	28	21				69		69		63
% of students secured > 60% marks	71	47.5	71	59.7	46.7	42.9				100		100.0		91.3
CO Attainment level	3	2	3	2	2	2				3		3		3

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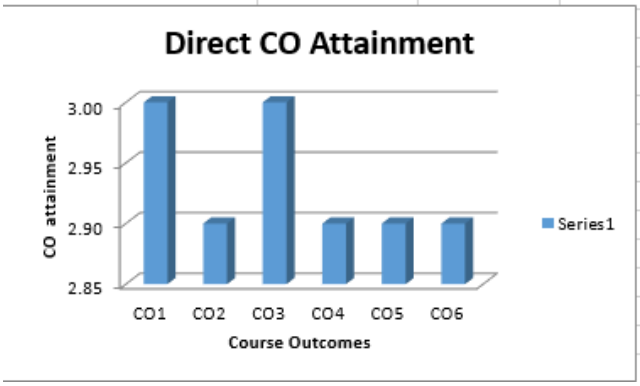
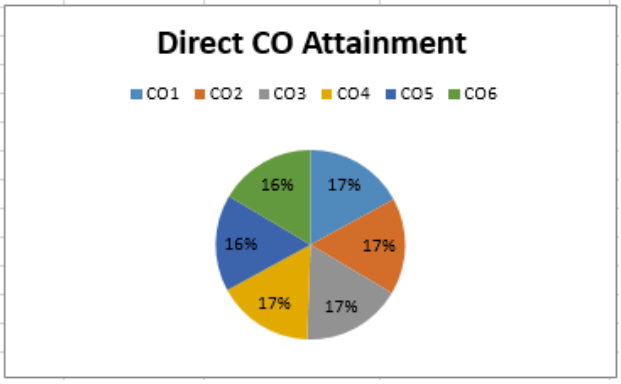
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2		1	3	3
CO2	3	2	1	1	1	2	3	3
CO3	3	3	3	2		2	3	3
CO4	3	3	3	2		3	3	3
CO5	3	3	3	3		3	3	3
CO6	3	2	2	2	1	2	3	3
AVG	3.00	2.67	2.50	2.00	0.33	2.17	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA505T	3	3	2	2	0	2	3	3
AVG	3.00	2.67	2.50	2.00	0.33	2.17	3.00	3.00
Attainment	2.93	2.61	2.44	1.96	0.33	2.12	2.93	2.93
Average PO Attainment								2.28

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V SEM BCA

Computer Architecture

COURSE OUTCOMES (COs):

CO1	Understand the theory and architecture of central processing unit
CO2	Analyse some of the design issues in terms of speed, technology, cost, performance.
CO3	Use appropriate tools to design verify and test the CPU architecture
CO4	Learn the concepts of parallel processing and interprocessor communication.
CO5	Learn the concepts of parallel processing and interprocessor communication.
CO6	Define different number systems, binary addition and subtraction, 2's complement representation and operations with this representation

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	V		Name :		Mr. Umesh N								
Course Code :		BCA503T				Course :		Computer Architecture								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	10	10	7	8	6	7	10	10	10	10.0	83.0	10	47	47
2	AVINASH R	R1910402	8	6	4	8		6	10	10	10	10.0	69.0	8	35	35
3	BALAJIPRASAD M	R1910403	8	6	10	6	8	6	10	10	10	10.0	61.0	8	61	61
4	BINDHU M C	R1910404	10	4	2	10	6	10	10	10	10	10.0	85.0	10	91	91
5	BINDHU N	R1910405	8		3	10	8	8	10	10	10	10.0	92.0	10	86	86

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	69	42	69	67	59	60				69		69		68
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	51	17	48	43	30	36				69		69		48
% of students secured > 60% marks	73.9	40.5	69.6	64.2	50.8	60				100		100.0		70.6
CO Attainment level	3	2	3	3	2	3				3		3		3

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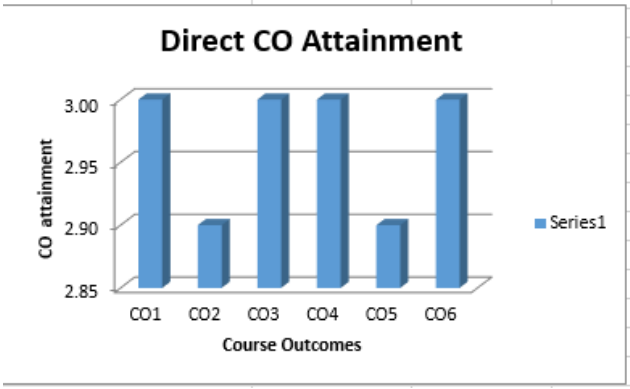
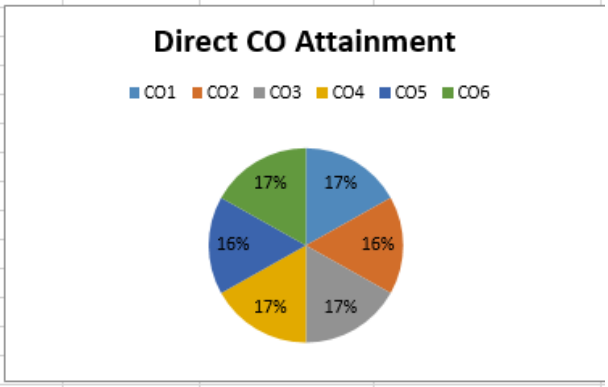
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	3	3	3	3.00	3	3.00
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3			3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3			3	3
CO4	3	2	3	3		1	3	3
CO5	3	2	2	2			3	3
CO6	3	2	1	1			3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA503T	3	2	2	2	0	0	3	3
AVG	3.00	2.50	2.50	2.50	0.17	0.33	3.00	3.00
Attainment	2.97	2.47	2.47	2.47	0.16	0.33	2.97	2.97
Average PO Attainment								2.10

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V SEM BCA

Data Communication and Networks

COURSE OUTCOMES (COs):

CO1	Understand the basics of data communication, networking, internet and their importance.
CO2	Analyse the services and features of various protocol layers in data networks.
CO3	Differentiate wired and wireless computer networks
CO4	Analyse TCP/IP and their protocols.
CO5	Recognize the different internet devices and their Functions.
CO6	Identify the basic security threats of a network

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mrs. Neelufar
Course Code :	BCA501T			Course :	Data Communication and Networks

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	10	4	2	10		10	10	10	10	10.0	83.0	10	48	48
2	AVINASH R	R1910402	8		3	10	8	8	10	10	10	10.0	69.0	8	53	53
3	BALAJIPRASAD M	R1910403	10	3	7	8	8		10	10	10	10.0	61.0	8	56	56
4	BINDHU M C	R1910404	6		5	4	5	2	10	10	10	10.0	85.0	10	85	85
5	BINDHU N	R1910405	10	10	8	8	6		10	10	10	10.0	92.0	10	98	98

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	68	44	69	67	54	54				69		69		68
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	17	50	38	28	22				69		69		48
% of students secured > 60% marks	73.5	38.6	72.5	56.7	51.9	40.7				100		100.0		70.6
CO Attainment level	3	1	3	2	2	2				3		3		3

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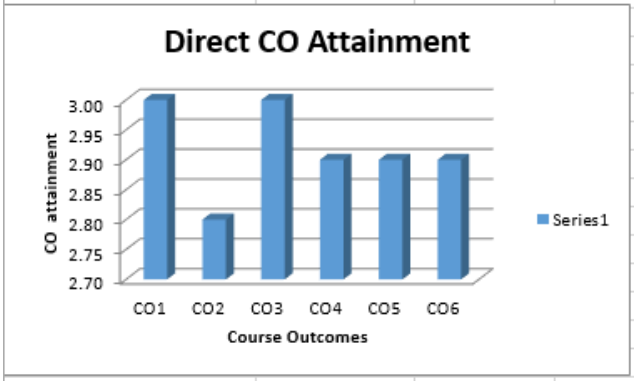
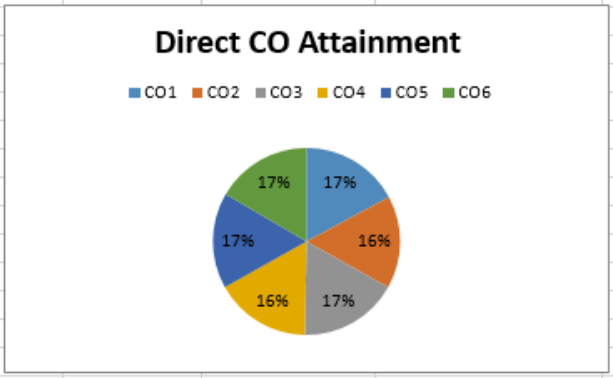
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.92





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		1	3	3
CO2	3	3	3	3	1	1	3	3
CO3	3	3	3	3		1	3	3
CO4	3	3	3	2			3	3
CO5	3	2	3	3			3	3
CO6	3	3	2	3			3	3
AVG	3.00	2.67	2.67	2.83	0.17	0.50	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.92

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA501T	3	3	3	3	0	1	3	3
AVG	3.00	2.67	2.67	2.83	0.17	0.50	3.00	3.00
Attainment	2.92	2.59	2.59	2.75	0.16	0.49	2.92	2.92
Average PO Attainment								2.17

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V SEM BCA

Java Programming

COURSE OUTCOMES (COs):

CO1	To understand the need of object oriented programming
CO2	Writing Java code using advanced Java features
CO3	To understand how to model the real world scenario using class diagram and be able to exhibit communication between objects using sequence diagram
CO4	To create user interfaces and packages
CO5	To demonstrate programs on exceptions, multithreading and applets.
CO6	Use of Java SDK environment to create, debug and run simple Java programs representation and operations with this representation

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	V		Name :		Mrs. Madhavi								
Course Code :		BCA504T				Course :		Java Programming								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	8	6	10	8		6	10	10	10	10.0	83.0	10	44	63
2	AVINASH R	R1910402	6	10	8	6		6	10	10	10	10.0	69.0	8	41	59
3	BALAJIPRASAD M	R1910403	8	6	7		8	10	10	10	10	10.0	61.0	8	61	87
4	BINDHU M C	R1910404	8	10	8	6	2	8	10	10	10	10.0	85.0	10	63	90
5	BINDHU N	R1910405	10	8	8	4		6	10	10	10	10.0	92.0	10	65	93

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	69	54	69	66	55	61				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	49	34	50	40	28	36				69		69		63
% of students secured > 60% marks	71	63	72.5	60.6	50.9	59				100		100.0		91.3
CO Attainment level	3	3	3	3	2	2				3		3		3

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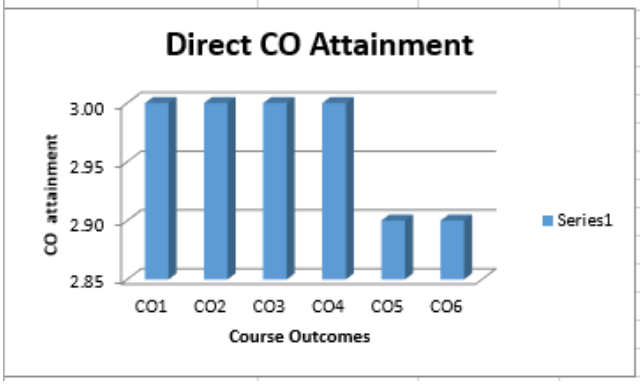
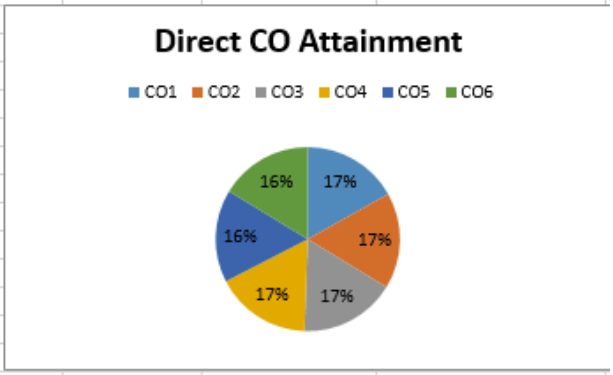
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2	3	3
CO2	3	3	3	3	1	2	3	3
CO3	3	3	3	3		3	3	3
CO4	3	3	3	2			3	3
CO5	3	2	3	1		1	3	3
CO6	3	3	3	3		1	3	3
AVG	3.00	2.67	2.83	2.50	0.17	1.50	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA504T	3	3	3	2	0	1	3	3
AVG	3.00	2.67	2.83	2.50	0.17	1.50	3.00	3.00
Attainment	2.97	2.64	2.80	2.47	0.16	1.48	2.97	2.97
Average PO Attainment								2.31

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V SEM BCA

Software Engineering

COURSE OUTCOMES (COs):

CO1	Understand basic software engineering methods and practices, and their appropriate application
CO2	Understanding of software process models such as the waterfall and evolutionary models.
CO3	Role of project management including planning, scheduling and, risk management.
CO4	Understanding different software architectural styles and Process frame work.
CO5	Understanding verification and validation including static analysis and reviews
CO6	Understanding the quality control and how to ensure good quality software.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mrs. Suganya	
Course Code :	BCA502T			Course :	Software Engineering	

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	8	6	7		8	10	10	10	10	10.0	83.0	10	43	43
2	AVINASH R	R1910402	8		8	6	2	8	10	10	10	10.0	69.0	8	41	41
3	BALAJIPRASAD M	R1910403	10	8	8	4		6	10	10	10	10.0	61.0	8	58	58
4	BINDHU M C	R1910404	10	6	8	8	8		10	10	10	10.0	85.0	10	100	100
5	BINDHU N	R1910405	6	4	8	6		6	10	10	10	10.0	92.0	10	95	95

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	69	41	69	66	58	50				69		69		68
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	49	18	50	38	27	22				69		69		53
% of students secured > 60% marks	71	43.9	72.5	57.6	46.6	44				100		100.0		77.9
CO Attainment level	3	2	3	2	2	2				3		3		3

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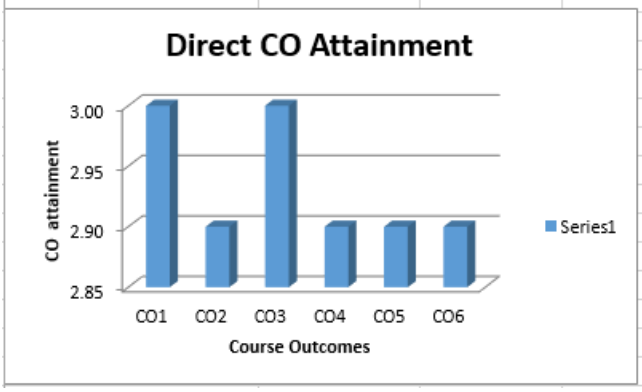
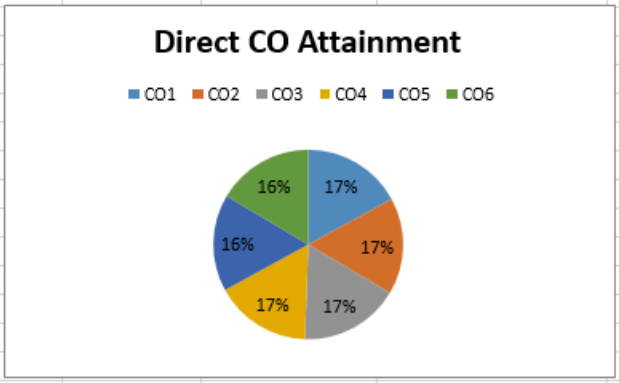
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.93





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	3	3		2	3	3
CO2	3	3	3	3	1	3	3	3
CO3	3	3	3	3	2	3	3	3
CO4	3	2	3	3		3	3	3
CO5	3	3	3	3		2	3	3
CO6	3	3	3	3	1	2	3	3
AVG	3.00	2.67	3.00	3.00	0.67	2.50	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA502T	3	3	3	3	1	2	3	3
AVG	3.00	2.67	3.00	3.00	0.67	2.50	3.00	3.00
Attainment	2.93	2.61	2.93	2.93	0.65	2.44	2.93	2.93
Average PO Attainment								2.55

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VI SEM BCA

Cryptography and Network Security

COURSE OUTCOMES (COs):

CO1	Analyze and design classical encryption techniques and block ciphers
CO2	Understand and analyze data encryption standard
CO3	Understand and analyze public-key cryptography, RSA and other public-key cryptosystems
CO4	Understand key management and distribution schemes and design User Authentication
CO5	To learn about how to maintain the Confidentiality, Integrity and Availability of a data
CO6	To understand various protocols for network security to protect against the threats in the networks

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mr. Kalpana									
Course Code :		BCA603T				Course :		Cryptography and Network Security									
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%	
			CO1	CO2	CO3	CO4	CO5	CO6									
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	100		
1	ARAVIND J	R1910401	10	10	7	8	6	7	10	10	10	10.0	83.0	10	61	61	
2	AVINASH R	R1910402	8	6	4	8		6	10	10	10	10.0	69.0	8	54	54	
3	BALAJIPRASAD M	R1910403	8	6	7		8	10	10	10	10	10.0	61.0	8	66	66	
4	BINDHU M C	R1910404	10	4	2	10		10	10	10	10	10.0	85.0	10	98	98	
5	BINDHU N	R1910405	8		3	10	8	8	10	10	10	10.0	92.0	10	83	83	

COURSE OUTCOMES (COS) DIRECT ATTAINMENT															
No of students attempted	69	40	69	67	63	51				69		69		69	
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	51	22	44	46	27	29				69		69		53	
% of students secured > 60% marks	73.9	55	63.8	68.7	42.9	56.9				100		100.0		76.8	
CO Attainment level	3	2	3	3	2	2				3		3		3	

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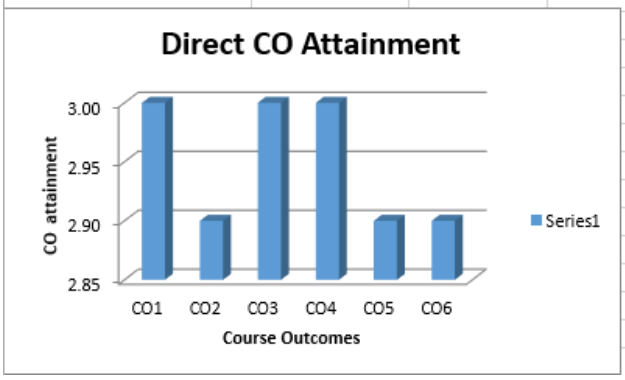
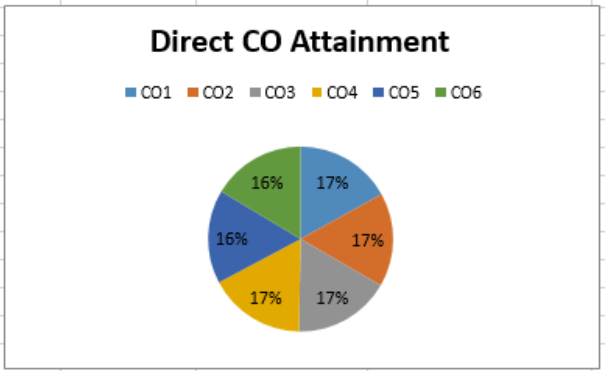
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	1	3	3
CO2	3	3	2	1		1	3	3
CO3	2	2	2	1		2	3	3
CO4	3	3	3	2		2	3	3
CO5	3	3	3	2		1	3	3
CO6	3	3	2	2	1	1	3	3
AVG	2.83	2.83	2.50	1.67	0.33	1.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA603T	3	3	2	2	0	1	3	3
AVG	2.83	2.83	2.50	1.67	0.33	1.33	3.00	3.00
Attainment	2.79	2.79	2.46	1.64	0.33	1.31	2.95	2.95
Average PO Attainment								2.15

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VI SEM BCA

System Programming.

COURSE OUTCOMES (COs):

CO1	To understand the basics of system programs like editors, compiler, assembler, linker, loader, interpreter and debugger
CO2	Describe the various concepts of assemblers and macroprocessors.
CO3	To understand the various phases of compiler and compare its working with assembler.
CO4	To understand how linker and loader create an executable program from an object module created by assembler and compiler
CO5	To know various editors and debugging techniques.
CO6	Understand the concepts and theory behind the implementation of high level programming languages

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	VI	Name :	Mr. Umesh N
Course Code :	BCA602T			Course :	System Programming

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	10	4	2	10		10	10	10	10	10.0	83.0	10	35	35
2	AVINASH R	R1910402	8		3	10	8	8	10	10	10	10.0	69.0	8	35	35
3	BALAJIPRASAD M	R1910403	10	3	7	8	8		10	10	10	10.0	61.0	8	48	48
4	BINDHU M C	R1910404	6		5	4	5	2	10	10	10	10.0	85.0	10	94	94
5	BINDHU N	R1910405	10	10	8	8	6		10	10	10	10.0	92.0	10	83	83

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	69	37	69	68	63	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	21	46	46	29	26				69		69		45
% of students secured > 60% marks	72.5	56.8	66.7	67.6	46	53.1				100		100.0		65.2
CO Attainment level	3	2	3	3	2	2				3		3		3

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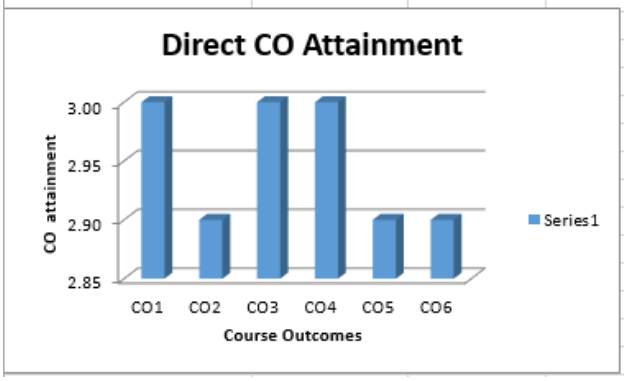
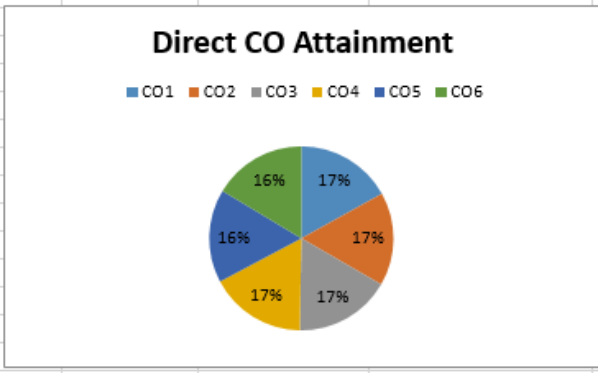
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	3	2		1	3	3
CO2	3	2	2	1	1	2	3	3
CO3	3	3	3	1		1	3	3
CO4	3	3	2	2		1	3	3
CO5	3	3	2	1		1	3	3
CO6	3	3	3	2		2	3	3
AVG	3.00	2.67	2.50	1.50	0.17	1.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA602T	3	3	3	2	0	2	3	3
AVG	3.00	2.67	2.50	1.50	0.17	1.33	3.00	3.00
Attainment	2.95	2.62	2.46	1.48	0.16	1.31	2.95	2.95
Average PO Attainment								2.11

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VI SEM BCA

Theory of Computation

COURSE OUTCOMES (COs):

CO1	Outline the concept of Finite Automata and Regular Expression
CO2	Demonstrate the push down automation model for the given language
CO3	Make use of Turing machine concept to solve the simple problems able to exhibit communication between objects using sequence diagram
CO4	To apply the knowledge of computing and mathematics appropriate to the discipline
CO5	Key notions of computation, such as algorithm, computability, decidability, reducibility, and complexity, through problem solving
CO6	Solve computational problems regarding their computability and complexity and prove the basic results of the theory of computation

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	VI	Name :	Mrs. Suganya
Course Code :	BCA601T			Course :	Theory of Computation

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	100	
1	ARAVIND J	R1910401	10	10	10	8	6		10	10	10	10.0	83.0	10	76	76
2	AVINASH R	R1910402	8	6	10	8		6	10	10	10	10.0	69.0	8	77	77
3	BALAJIPRASAD M	R1910403	8	6	10	6	8	6	10	10	10	10.0	61.0	8	85	85
4	BINDHU M C	R1910404	8	6	7		8	10	10	10	10	10.0	85.0	10	100	100
5	BINDHU N	R1910405	10	4	2	10		10	10	10	10	10.0	92.0	10	100	100

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	69	41	69	67	62	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	52	19	49	44	31	22				69		69		66
% of students secured > 60% marks	75.4	46.3	71	65.7	50	44.9				100		100.0		95.7
CO Attainment level	3	2	3	3	2	2				3		3		3

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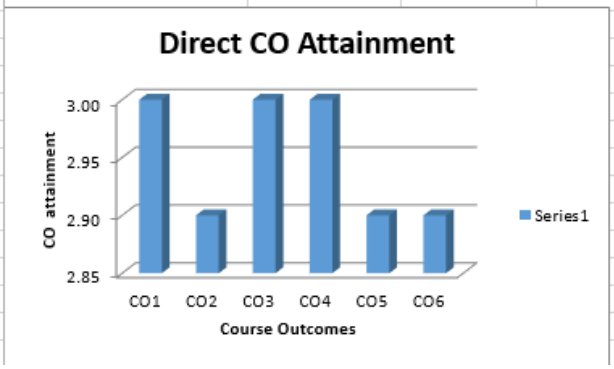
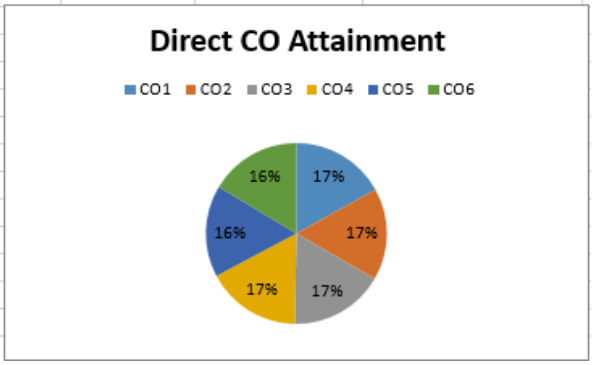
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	1	3	3
CO2	3	3	3	2		1	3	3
CO3	3	3	3	3		2	3	3
CO4	3	3	3	2		3	3	3
CO5	3	3	3	2		2	3	3
CO6	3	3	3	2	1	1	3	3
AVG	3.00	3.00	3.00	2.17	0.33	1.67	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA601T	3	3	3	2	0	2	3	3
AVG	3.00	3.00	3.00	2.17	0.33	1.67	3.00	3.00
Attainment	2.95	2.95	2.95	2.13	0.33	1.64	2.95	2.95
Average PO Attainment								2.36

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VI SEM BCA

Web Programming

COURSE OUTCOMES (COs):

CO1	To describe the concepts of World Wide Web and the requirements of effective web design.
CO2	To develop web pages using the HTML and CSS features with different layouts as per need of applications.
CO3	Use of JavaScript to develop the dynamic web pages.
CO4	Construct simple web pages in PHP and to represent data in XML format
CO5	Use server side scripting with PHP to generate the web pages dynamically using the database connectivity
CO6	Design and produce a completed website for a specified client

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mrs. Madhavi N										
Course Code :		BCA604T				Course :		Web Programming										
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	ARAVIND J	R1910401	6		10	4	5	2	10	10	10	10.0	83.0	10	38	54
2	AVINASH R	R1910402	6		5	4	5	2	10	10	10	10.0	69.0	8	33	47
3	BALAJIPRASAD M	R1910403	10	10	8	8	6		10	10	10	10.0	61.0	8	29	41
4	BINDHU M C	R1910404	10	8	7	7	8		10	10	10	10.0	85.0	10	70	100
5	BINDHU N	R1910405	6		8	4	5	2	10	10	10	10.0	92.0	10	68	97

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	69	40	69	68	66	49				69		69		69
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE	50	24	47	46	27	26				69		69		57
% of students secured > 60% marks	72.5	60	68.1	67.6	40.9	53.1				100		100.0		82.6
CO Attainment level	3	3	3	3	2	2				3		3		3

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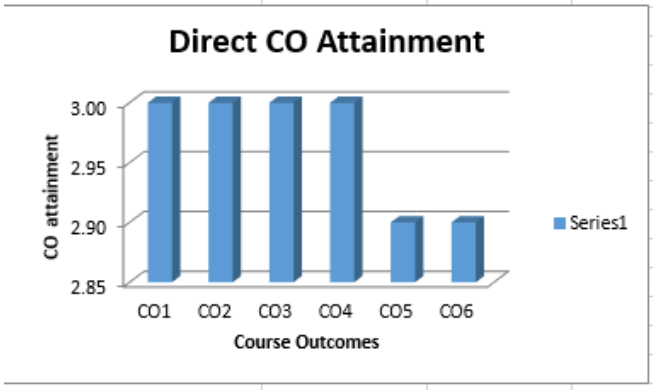
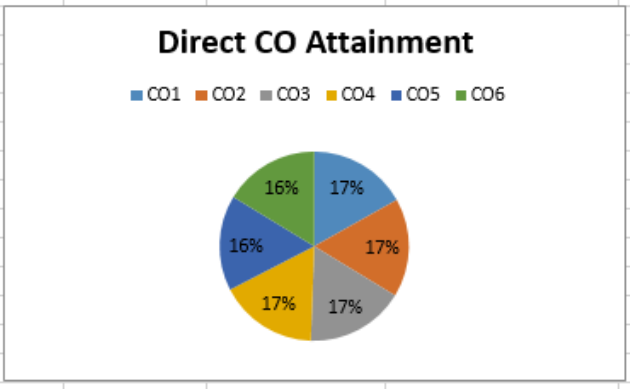
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.97





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Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1	2	3	3
CO2	3	3	2	1		1	3	3
CO3	3	3	3	2		1	3	3
CO4	3	3	3	2		1	3	3
CO5	3	3	2	3		1	3	3
CO6	3	3	3	2	2	2	3	3
AVG	3.00	3.00	2.67	2.00	0.50	1.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.97

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCA604T	3	3	3	2	1	1	3	3
AVG	3.00	3.00	2.67	2.00	0.50	1.33	3.00	3.00
Attainment	2.97	2.97	2.64	1.98	0.49	1.32	2.97	2.97
Average PO Attainment								2.29

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I BSc (PMCs) – I SEM

Physics: Mechanics - 1, Heat and Thermodynamics – 1

COURSE OUTCOMES (COs):

CO1	Understand concepts of friction and its application.
CO2	Understand Newton's law of planetary motion, orbital, escape velocity and time period of satellite
CO3	Gain knowledge on most probable velocity, mean velocity, root mean square velocity and mean free path
CO4	Understand the process of thermal conductivity, viscosity and diffusion in gases
CO5	Gain the knowledge and broad understanding of work and energy, theorem, center of mass and its applications
CO6	Understand the basics laws of thermo dynamics, work done in isothermal and adiabatic process, Carnot's theorem and an entropy

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	I			Name :		Mr. A. Kalai Chalvan							
Course Code :		PHY101					Course :		Mechanics, Waves and Oscillation							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	10	8	6	6		10	10	10	10.0	100.0	10	37	53
17	VINOD KUMAR K	S1912033	6	6	4	6		4	10	10	10	10.0	97.0	10	25	36
18	VINODH M	S1912034	6	3	4	4	4		10	10	10	10.0	76.0	10	26	37
19	YASHWANTH.B.R	S1912035	10		9	9	7	8	10	10	10	10.0	92.0	10	40	57
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	13	18	17	15	11				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			12	8	8	6	5	4				19		19		9
% of students secured > 60% marks			63.2	61.5	44.4	35.3	33.3	36.4				100		100.0		47.4
CO Attainment level			3	3	2	1	1	1				3		3		2

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	2	2.30
CO2	3	3	3	3.00	2	2.30
CO3	2	3	3	2.67	2	2.20
CO4	1	3	3	2.33	2	2.10
CO5	1	3	3	2.33	2	2.10
CO6	1	3	3	2.33	2	2.10
Average CO Attainment						2.18

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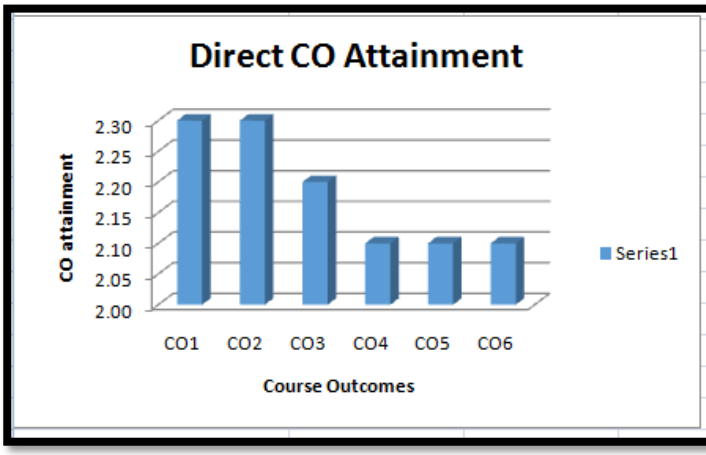

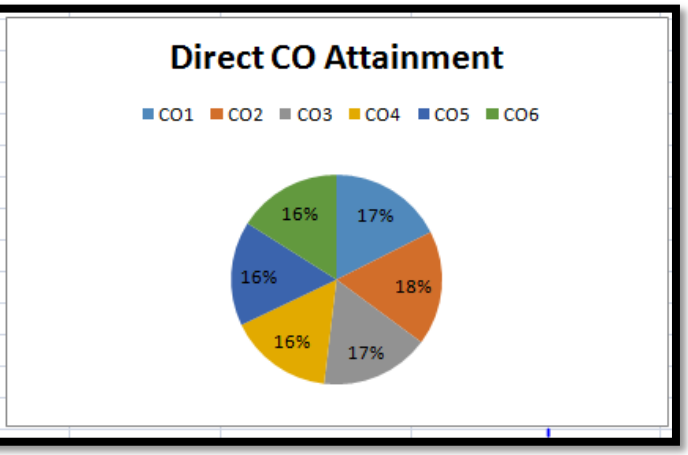

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	3	3	3	2	2			3
CO3	3	2	3	3	2		2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2		2	2
CO6	3	2	2	3	2		2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.00	1.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.18

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.00	1.50	2.33
Attainment	2.18	1.70	2.06	1.70	1.33	0.00	1.09	1.70
Average PO Attainment								1.47

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I BSc (PMCs) – I SEM

Maths: Algebra -1, Calculus – 1

COURSE OUTCOMES (COs):

CO1	To learn basic matrix algebra and method to find solutions to system of linear equations. Also to learn Eigen values and Eigen vectors of matrix.
CO2	To learn analytical geometry of 2 and 3 dimensions which include study of conics, planes, lines, sphere, cone and cylinder.
CO3	Finding equation in various form of line, circle, ellipse, sphere, cones etc.
CO4	Students will be familiar with the techniques of integration and differentiation of function with real variables.
CO5	Learn to find graphs, roots and primes integer using maxima software.
CO6	Understand the concept of integral calculus and their significance

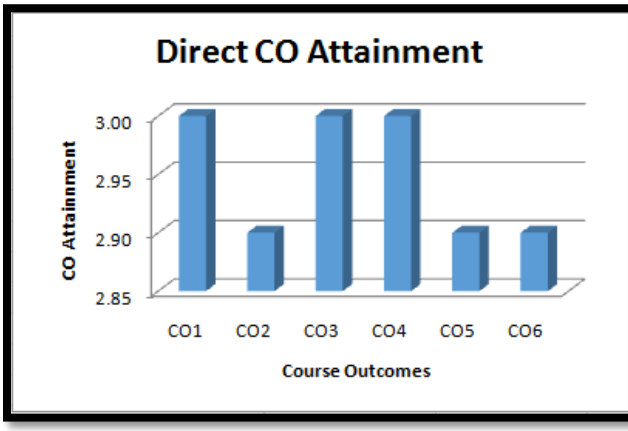
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

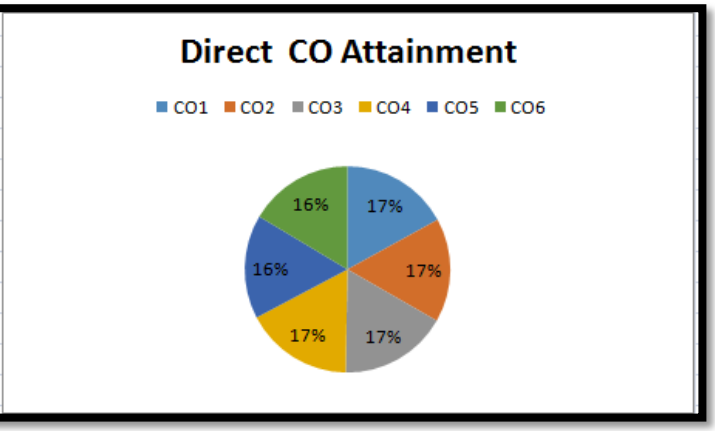
Academic Year :	2019-2020	Sem :	I	Name :	Ms Jeevitha N
Course Code :	MAT101			Course :	Algebra-I, Calculus-I and Geometry

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	10	10	8	6		10	10	10	10.0	100.0	10	51	73
17	VINOD KUMAR K	S1912033	8	6	4	8		6	10	10	10	10.0	92.0	10	28	40
18	VINODH M	S1912034	8	6		6	8	6	10	10	10	10.0	78.0	10	51	73
19	YASHWANTH.B.R	S1912035	10		10	10	7	10	10	10	10	10.0	95.0	10	56	80
	COURSE OUTCOMES (COS) DIRECT ATTAINMENT															
	No of students attempted		19	13	18	17	13	16				19		19		19
	No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE		14	6	11	11	7	8				19		19		12
	% of students secured > 60% marks		73.7	46.2	61.1	64.7	53.8	50				100		100.0		63.2
	CO Attainment level		3	2	3	3	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.79	2.46	2.46	2.46	0.16	1.80	0.33	2.46

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I BSc (PMCs) – I SEM

Computer Science: Programming in C

COURSE OUTCOMES (COs):

CO1	Control the sequence of the program and give logical outputs
CO2	Implement strings in your C program
CO3	Manage I/O operations in your C program
CO4	Repeat the sequence of instructions and points for a memory location
CO5	Apply code reusability with functions and pointers
CO6	Understand the basics of file handling mechanisms

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Mr. Siddaram
Course Code :	CS1T			Course :	Programming Concepts in C

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1 CO1	Q2 CO2	Q3 CO3	Q4 CO4	Q5 CO5	Q6 CO6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
18	VINODH M	S1912034	9						10	10	10	10.0	69.0	8	25	36
19	YASHWANTH.B.R	S1912035	8		8		9		10	10	10	10.0	80.0	10	27	39
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			16	8	14	9	12	8				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			13	6	10	7	7	3				19		18		14
% of students secured > 60% marks			81.3	75	71.4	77.8	58.3	37.5				100		94.7		73.7
CO Attainment level			3	3	3	3	2	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	1	3	3	2.33	3	2.80
Average CO attainment						2.95

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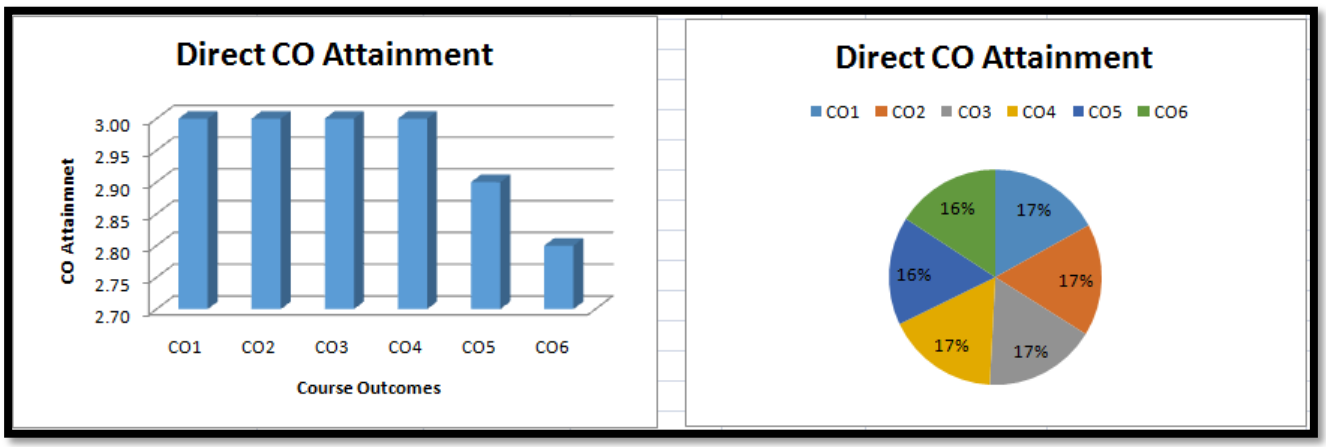


Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	2.95	2.29	2.79	2.95	1.31	2.29	2.95	2.95

I BSc (PMCs) – II SEM

Physics: Mechanics - 2, Heat and Thermodynamics – 2

COURSE OUTCOMES (COs):

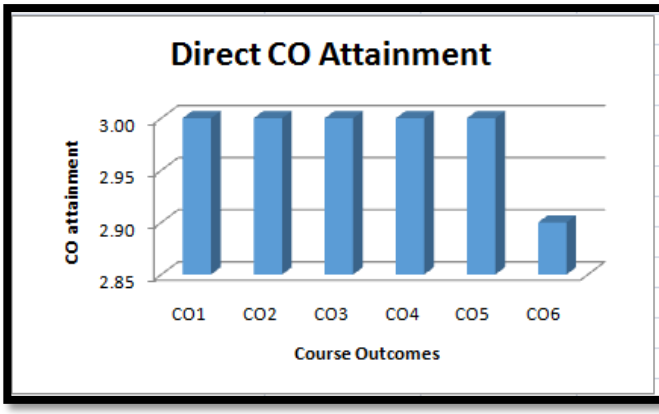
CO1	Understand physical characteristics of SHM and obtaining solution of the oscillator using differential equations
CO2	Knowledge of how various elastic moduli can be determined.
CO3	Understand the interrelationship between thermodynamic functions and ability to use such relationships to solve practical problems.
CO4	Understand the meaning and significance of the postulate of Special Relativity.
CO5	Gain the knowledge and broad understanding of Special Relativity
CO6	Hands on experience of different equipment.

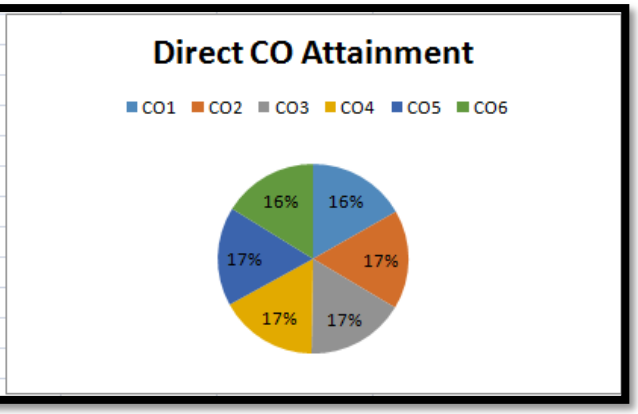
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	II		Name :		Mr. Muniraja D K								
Course Code :		PHY201				Course :		Mechanics - 2, Heat and Thermodynamics - 2								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	8	7	8	7		10	10	10	10.0	91.0	10	63	90
17	VINOD KUMAR K	S1912033	7	8		8	7	5	10	10	10	10.0	91.0	10	57	81
18	VINODH M	S1912034	8	7	6	9			10	10	10	10.0	85.0	10	60	86
19	YASHWANTH.B.R	S1912035	10	8	8	6	8		10	10	10	10.0	85.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	17	17	13	14	7				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			12	14	11	8	9	4				19		19		19
% of students secured > 60% marks			66.7	82.4	64.7	61.5	64.3	57.1				100		100.0		100.0
CO Attainment level			3	3	3	3	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.983333333





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2		2	2
CO2	3	3	3	3	2		2	2
CO3	3	2	3	3	2	1	2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2		2	2
CO6	3	2	2	3	2	1	2	2
AVG	**3.00**	**2.33**	**2.83**	**2.67**	**2.00**	**0.33**	**2.00**	**2.00**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.67	2.00	0.33	2.00	2.00
Attainment	**2.98**	**2.32**	**2.82**	**2.65**	**1.99**	**0.33**	**1.99**	**1.99**

I BSc (PMCs) – II SEM

Mathematics: Algebra-II, Calculus-II and Differential Equations-I

COURSE OUTCOMES (COs):

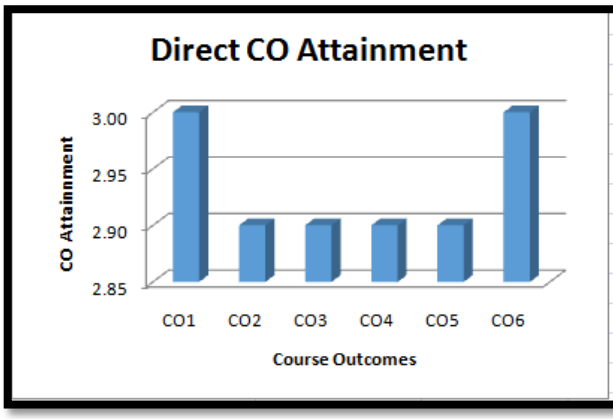
CO1	Recognize the mathematical objects called groups.
CO2	To learn fundamental properties and mathematical tools such as closure, identity, inverse and generators.
CO3	Sketch curves in Cartesian, polar and pedal equations.
CO4	To model problems in nature using Ordinary Differential Equations.
CO5	Linear equations and equations reducible to linear form. First order higher degree equations solvable for x, y and p. Clairaut's equations and singular solution.
CO6	Formulate differential equations for various mathematical models / methods.

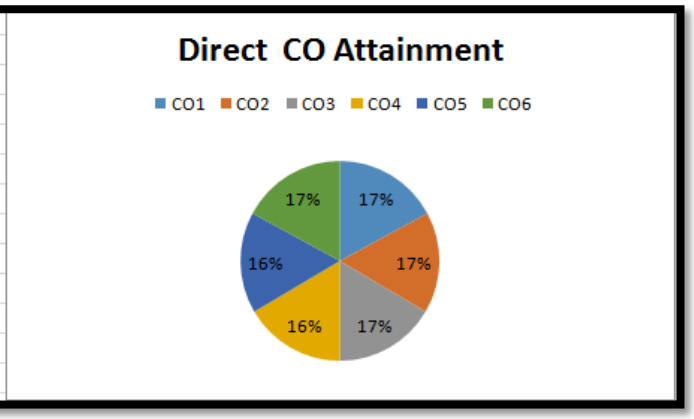
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	II		Name :		Ms Jeevitha N								
Course Code :		MAT201				Course :		Algebra-II, Calculus-II and Differential Equations-I								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	9	6	8	8		7	10	10	10	10.0	95.0	10	63	90
17	VINOD KUMAR K	S1912033	10	6		8	5	6	10	10	10	10.0	95.0	10	57	81
18	VINODH M	S1912034	6	10	4	4	6		10	10	10	10.0	95.0	10	60	86
19	YASHWANTH.B.R	S1912035	10	8	10	10	10		10	10	10	10.0	95.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	17	17	17	14	9				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			12	10	10	10	6	6				19		18		19
% of students secured > 60% marks			63.2	58.8	58.8	58.8	42.9	66.7				100		94.7		100.0
CO Attainment level			3	2	2	2	2	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	3	3	3	3.00	3	3.00
Average CO attainment						2.933333333





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.93

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.77	2.44	2.44	2.44	0.16	1.79	0.33	2.44

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I BSc (PMCs) – II SEM

Computer Science: Data Structure

COURSE OUTCOMES (COs):

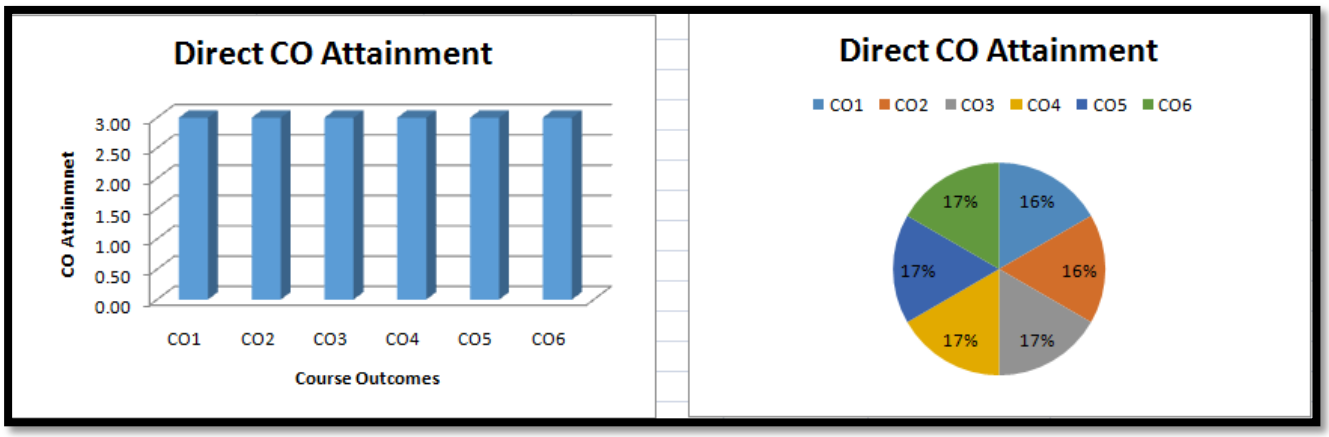
CO1	Knowledge about Algorithm
CO2	Dynamic Memory Management
CO3	Problem Solving
CO4	Critical thinking
CO5	Resource Utilization
CO6	Searching and Sorting Techniques

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	II		Name :		Mr. Siddaram								
Course Code :		CS2T				Course :		Data Structure								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	7	8	6	8	6		10	10	10	10.0	95.0	10	63	90
17	VINOD KUMAR K	S1912033	8	7	8		7	8	10	10	10	10.0	88.0	10	53	76
18	VINODH M	S1912034	10		10		10	10	10	10	10	10.0	88.0	10	54	77
19	YASHWANTH.B.R	S1912035	8	7	8		7		10	10	10	10.0	95.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	14	18	6	18	12				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			15	9	14	5	12	10				19		17		19
% of students secured > 60% marks			78.9	64.3	77.8	83.3	66.7	83.3				100		89.5		100.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

II BSc (PMCs) – III SEM

Physics: Electricity and Magnetism

COURSE OUTCOMES (COs):

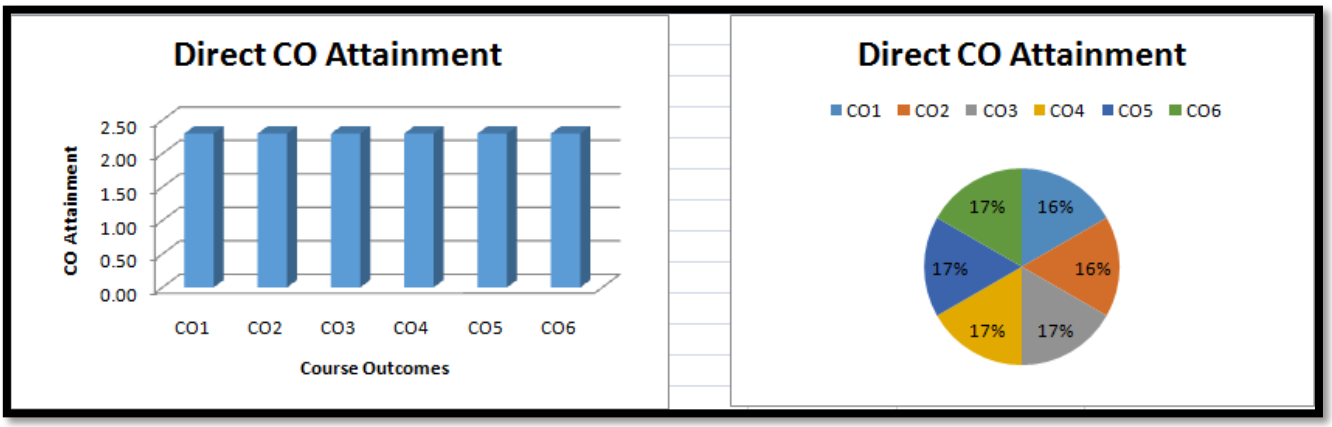
CO1	Understand the concept and solve problems on Network Theorems, Transient currents, Growth and decay of charge in CR Circuits and Growth and decay of current in LR , LCR Circuits.
CO2	Understand magnetic force and field, Biot Savart law, Ampere's law and derive expression for the magnetic field.
CO3	Gain knowledge on EM waves, propagation, energy transfer and their properties.
CO4	Understand about alternating current and frequency response of CR, LR, LCR Circuits and solve problems on them.
CO5	Gain the knowledge on Seeback effect, Peltier effect, Thomson effect and its applications in thermo electricity.
CO6	Hands on experience on different equipments.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2020-2021	Sem :	III		Name :		Mr. Muniraja D K									
Course Code :		PHY301				Course :		Electricity and Magnetism									
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%	
			CO1	CO2	CO3	CO4	CO5	CO6									
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70		
19	YASHWANTH.B.R	S1912035	10		10	10	10	9	10	10	10	10.0	76.0	10	28	40	
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																	
No of students attempted			19	14	18	11	19	14				19		19		19	
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			18	13	17	11	18	13				19		13		9	
% of students secured > 60% marks			94.7	92.9	94.4	100	94.7	92.9				100		68.4		47.4	
CO Attainment level			3	3	3	3	3	3				3		3		2	

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	2	2.30
CO2	3	3	3	3.00	2	2.30
CO3	3	3	3	3.00	2	2.30
CO4	3	3	3	3.00	2	2.30
CO5	3	3	3	3.00	2	2.30
CO6	3	3	3	3.00	2	2.30
Average CO Attainment						2.3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2		1	1
CO2	3	3	3	2	2	1	1	2
CO3	3	3	3	3	2		1	1
CO4	3	3	3	2	2	1	1	1
CO5	3	3	2	2	2	1	1	1
CO6	3	3	2	3	2		1	1
AVG	**3.00**	**3.00**	**2.67**	**2.50**	**2.00**	**0.50**	**1.00**	**1.17**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.30

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	3.00	2.67	2.50	2.00	0.50	1.00	1.17
Attainment	**2.30**	**2.30**	**2.04**	**1.92**	**1.53**	**0.38**	**0.77**	**0.89**

II BSc (PMCs) – III SEM

Mathematics: Algebra-III, Analysis-I and Calculus-III

COURSE OUTCOMES (COs):

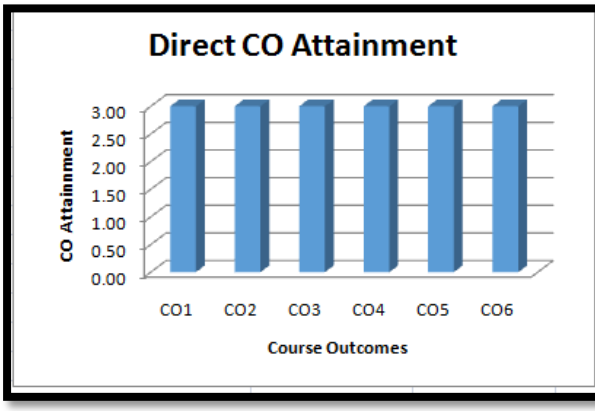
CO1	Explain the significance of the notions of cosets. Analyze consequences of Lagrange's theorem.
CO2	Decide whether a given group is cyclic, and given a finite cyclic group, find a generator for a subgroup of a given order.
CO3	Understand the definitions of limits and convergence in the context of sequences and series of real numbers.
CO4	Prove theorems on different test of convergence and divergence of a series of positive terms.
CO5	Verify the given series is convergent or divergent by using different test.
CO6	Identify and apply the intermediate value theorems and L' Hospital rule.

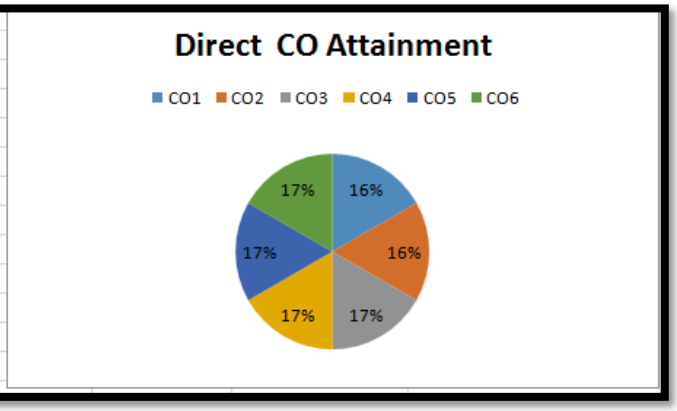
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2020-2021	Sem :	III		Name :		Ms Jeevitha N								
Course Code :		MAT301				Course :		Algebra-III, Analysis-I and Calculus-III								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
15	SHAIK NAYEEM ARAFATH.F	S1912031	10	8	10	10		10	10	10	10	10.0	82.0	10	30	43
16	THEJESHWINI.R	S1912032	10		10	10	10	10	10	10	10	10.0	89.0	10	70	100
17	VINOD KUMAR K	S1912033	8	10	10	10	10		10	10	10	10.0	82.0	10	39	56
18	VINODH M	S1912034	10	10	10	10	8		10	10	10	10.0	94.0	10	52	74
19	YASHWANTH.B.R	S1912035	10	10	10	10	10		10	10	10	10.0	99.0	10	70	100
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	17	17	18	15	7				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			18	17	16	16	15	7				19		19		15
% of students secured > 60% marks			94.7	100	94.1	88.9	100	100				100		100.0		78.9
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

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II BSc (PMCs) – III SEM

Computer Science: Database Management System

COURSE OUTCOMES (COs):

CO1	Describe DBMS architecture, physical and logical database designs, database modeling, relational, hierarchical and network models.
CO2	Identify basic database storage structures and access techniques such as file organizations, indexing methods including B-tree, and hashing
CO3	Learn and apply Structured query language (SQL) for database definition and database manipulation.
CO4	Plan a software engineering process life cycle , including the specification, design, implementation, and testing of software systems that meet specification, performance, maintenance and quality requirements
CO5	Able to elicit, analyze and specify software requirements through a productive working relationship with various stakeholders of the project
CO6	Analyze and translate a specification into a design, and then realize that design practically, using an appropriate software engineering methodology.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

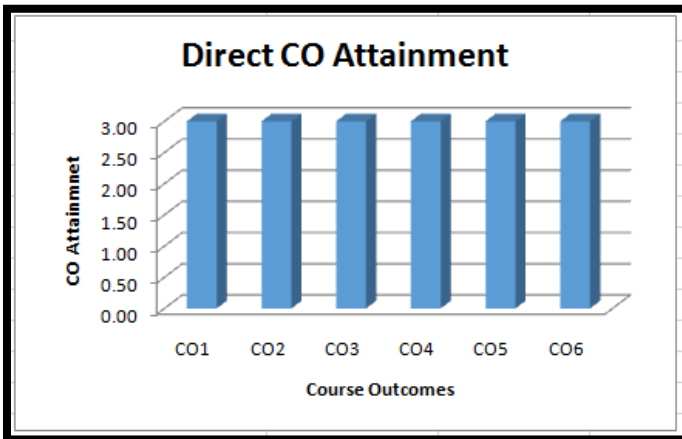
Academic Year :	2020-2021	Sem :	III	Name :	Mrs. Suganya
Course Code :	CS3T			Course :	Database Management System and Software Engineering

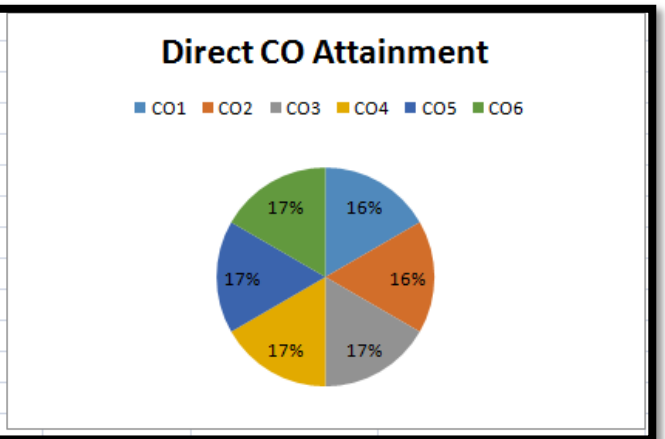
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	8	10	10	10		10	10	10	10.0	91.0	10	45	64
17	VINOD KUMAR K	S1912033	10	7	10		10	8	10	10	10	10.0	34.0	2	30	43
18	VINODH M	S1912034	10	8	10		10	8	10	10	10	10.0	67.0	8	32	46
19	YASHWANTH.B.R	S1912035	10	10	8	10	10		10	10	10	10.0	84.0	10	31	44
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	16	18	10	19	13				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			19	16	18	10	19	13				19		15		11
% of students secured > 60% marks			100	100	100	100	100	100				100		78.9		57.9
CO Attainment level			3	3	3	3	3	3				3		3		3

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3		2	3	3
CO2	3	3	3	3	1	2	3	3
CO3	3	3	3	3		2	3	3
CO4	3	3	3	3	1	3	3	3
CO5	3	3	3	3		2	3	3
CO6	3	3	3	3		2	3	3
AVG	3.00	3.00	2.83	3.00	0.33	2.17	3.00	3.00





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

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II BSc (PMCs) – IV SEM

Physics: Optics and Fourier Series

COURSE OUTCOMES (COs):

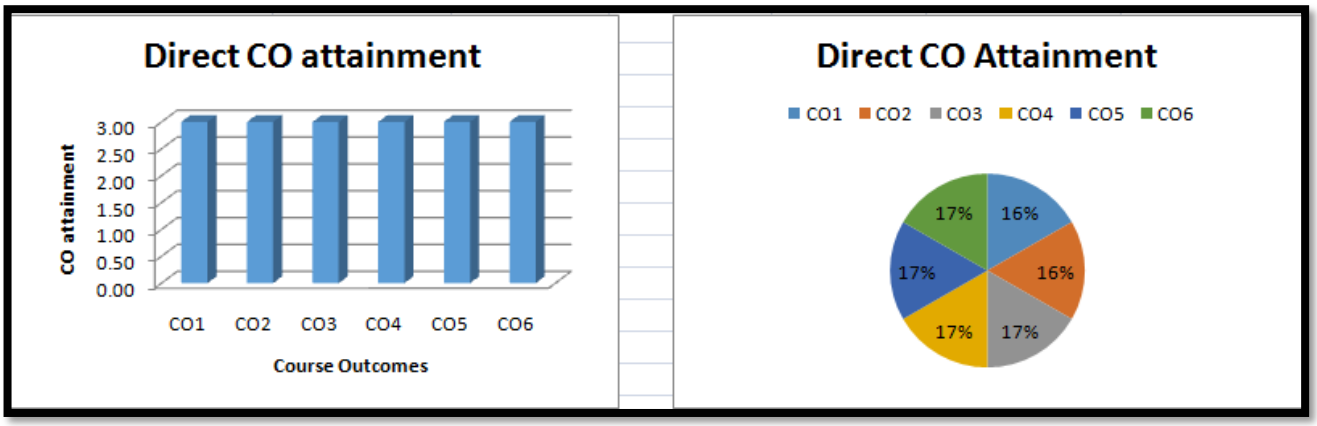
CO1	Gain knowledge on various theories of light
CO2	Understands about coherent sources, interference, interference by division of wave front and amplitude
CO3	Understands the concepts of diffraction, Fresnel diffraction, Fraunhoffer diffraction and resolving power of telescope
CO4	Understands Polarization and methods to produce and detect different types of polarized light, derive expression for half and quarter wave plates
CO5	Understands LASER, properties, population inversion, methods to produce it and its applications
CO6	Understands about optical fiber, types, numerical aperture, attenuation and its application

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2020-2021	Sem :	IV		Name :		Mr. A Kalai Chalvan									
Course Code :		PHY401				Course :		Optics and Fourier Series									
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%	
			CO1	CO2	CO3	CO4	CO5	CO6									
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70		
19	YASHWANTH.B.R	S1912035	10		10	8	10	10	10	10	10	10.0	95.0	10	64	91	
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																	
No of students attempted			19	12	19	10	18	9				19		19		19	
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			16	10	14	7	14	8				19		18		19	
% of students secured > 60% marks			84.2	83.3	73.7	70	77.8	88.9				100		94.7		100.0	
CO Attainment level			3	3	3	3	3	3				3		3		3	

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2		2	2
CO2	3	3	3	3	2	1	2	2
CO3	3	3	3	3	2		2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2	1	2	1
CO6	3	2	2	3	2		3	1
AVG	**3.00**	**2.50**	**2.83**	**2.67**	**2.00**	**0.33**	**2.17**	**1.67**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.50	2.83	2.67	2.00	0.33	2.17	1.67
Attainment	**3.00**	**2.50**	**2.83**	**2.67**	**2.00**	**0.33**	**2.17**	**1.67**

II BSc (PMCs) – IV SEM

Mathematics: Algebra -IV, Analysis - II, Calculus - IV, NM-I and DE-II

COURSE OUTCOMES (COs):

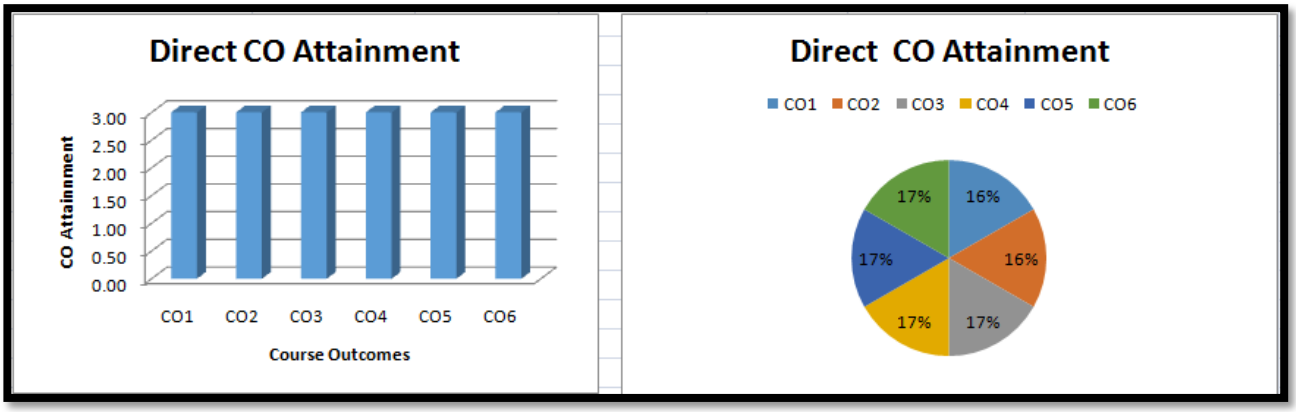
CO1	Explain the significance of the notions of normal subgroups, and factor groups.
CO2	To learn to compare two different algebraic structures and study transfer of properties in- between these structures through homomorphism and isomorphism.
CO3	To learn to evaluate the Fourier series of various even and odd functions.
CO4	To learn the evaluation of Laplace transform, Inverse Laplace transform of different types of functions, their derivatives and integrations.
CO5	To learn to apply Laplace Transform to solve Ordinary Differential equations with constant coefficients.
CO6	Formulate differential equations for various mathematical models / methods.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2020-2021	Sem :	IV		Name :		Ms Jeevitha N								
Course Code :		MAT401				Course :		Algebra -IV, Analysis - II, Calculus - IV, NM-I and DE-II								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10		10	10	10	10	10	10	10	10.0	92.0	10	64	91
17	VINOD KUMAR K	S1912033	7	10	10	7		6	10	10	10	10.0	83.0	10	55	79
18	VINODH M	S1912034	10	7	6	10	7		10	10	10	10.0	83.0	10	61	87
19	YASHWANTH.B.R	S1912035	10	6	10	10	10		10	10	10	10.0	83.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	18	18	18	16	5				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			15	13	13	13	11	3				19		18		19
% of students secured > 60% marks			78.9	72.2	72.2	72.2	68.8	60				100		94.7		100.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

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II BSc (PMCs) – IV SEM

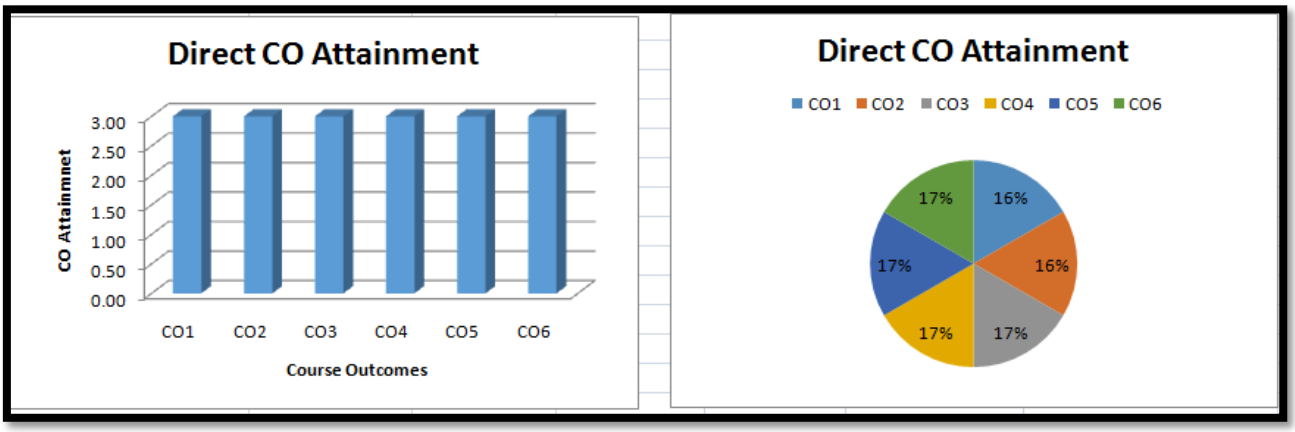
Computer Science: Operating System and Unix

COURSE OUTCOMES (COs):

CO1	Understand the basics of operating systems like kernel, shell, types and views of operating systems
CO2	Describe the various CPU scheduling algorithms and remove deadlocks.
CO3	Explain various memory management techniques and concept of thrashing
CO4	Use disk management and disk scheduling algorithms for better utilization of external memory. e) Recognize file system interface, protection and security
CO5	Identify and use UNIX/Linux utilities to create and manage simple file processing operations, organize directory structures with appropriate security, and develop shell scripts to perform more complex tasks.
CO6	Effectively use the UNIX/Linux system to accomplish typical personal, office, technical, and software development tasks.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS																
Academic Year :		2020-2021	Sem :	IV		Name :		Mrs. Kalpana								
Course Code :		CS4T				Course :		Operating System and UNIX								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	YASHWANTH.B.R	S1912035	9	10	9	8	9		10	10	10	10.0	80.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			19	11	18	12	18	6				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			15	11	15	10	16	6				19		18		19
% of students secured > 60% marks			78.9	100	83.3	83.3	88.9	100				100		94.7		100.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment						
Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	**3.00**	**2.33**	**2.83**	**3.00**	**1.33**	**2.33**	**3.00**	**3.00**

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	**3.00**	**2.33**	**2.83**	**3.00**	**1.33**	**2.33**	**3.00**	**3.00**

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III BSc - V SEM

Physics V: Statistical Physics, Quantum Mechanics - 1, Atmospheric Physics and Nanomaterials

COURSE OUTCOMES (COs):

CO1	Gain knowledge on statistical behavior of ideal Bose and Fermi systems
CO2	Learn to differentiate between different ensemble theories used to explain the behavior of the systems.
CO3	Gain the knowledge of absorption and emission of short and long wave radiation cause heating or cooling, structure of atmosphere, greenhouse effect and Atmosphere dynamics
CO4	Gain the knowledge of wave mechanics and de Broglie's hypothesis and its applications
CO5	Gain the basic knowledge of the Nanomaterials, properties, preparation and its application
CO6	Hands on experience of different equipment.

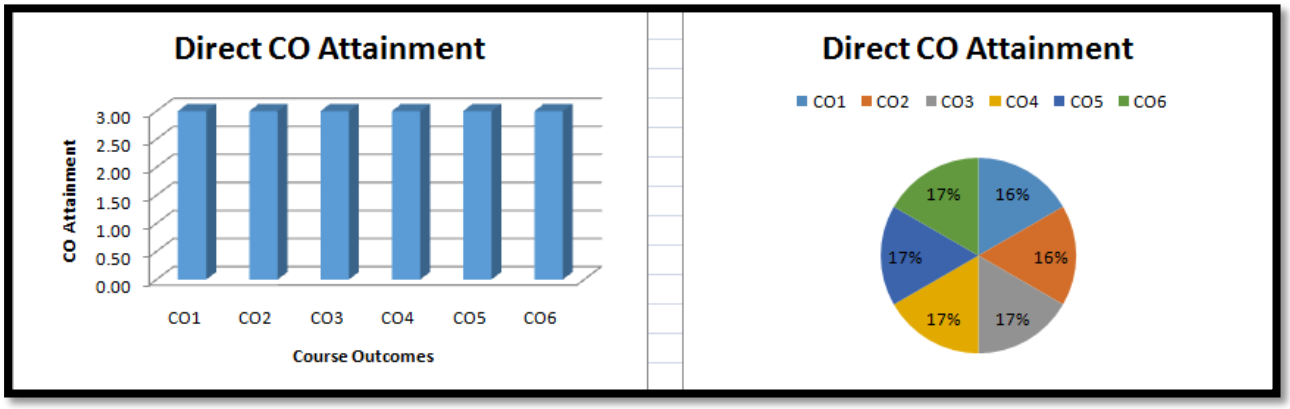
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	V		Name :		Mr. Muniraja D K								
Course Code :		PHY501				Course :		Statistical Physics, Quantum Mechanics - 1, Atmospheric								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
15	SHAIK NAYEEM ARAFATH.F	S1912031	AB	AB	AB	AB	AB	AB	10	10	10	10.0	87.0	10	AB	#####
16	THEJESHWINI.R	S1912032	9	8	8	9		8	10	10	10	10.0	100.0	10	44	63
17	VINOD KUMAR K	S1912033	8	7	8		8	7	10	10	10	10.0	94.0	10	41	59
18	VINODH M	S1912034	7	4	7		6	6	10	10	10	10.0	88.0	10	62	89
19	YASHWANTH.B.R	S1912035	10	8	10		10	7	10	10	10	10.0	100.0	10	60	86
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			17	12	18	8	13	14				19		19		17
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			14	11	15	7	10	12				19		17		14
% of students secured > 60% marks			82.4	91.7	83.3	87.5	76.9	85.7				100		89.5		82.4
CO Attainment level			3	3	3	3	3	3				3		3		3

Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2	1	2	2
CO2	3	3	3	3	2	1	2	2
CO3	3	3	3	3	2		2	2
CO4	3	2	3	2	2	1	2	2
CO5	3	2	3	2	2	1	2	1
CO6	3	2	2	3	2		3	1
AVG	3.00	2.50	2.83	2.67	2.00	0.67	2.17	1.67



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2	1	2	2
CO2	3	3	3	3	2	1	2	2
CO3	3	3	3	3	2		2	2
CO4	3	2	3	2	2	1	2	2
CO5	3	2	3	2	2	1	2	1
CO6	3	2	2	3	2		3	1
AVG	**3.00**	**2.50**	**2.83**	**2.67**	**2.00**	**0.67**	**2.17**	**1.67**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.50	2.83	2.67	2.00	0.67	2.17	1.67
Attainment	**3.00**	**2.50**	**2.83**	**2.67**	**2.00**	**0.67**	**2.17**	**1.67**

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III BSc - V SEM

Physics VI: Astrophysics, Solid State Physics and Semiconductor Physics

COURSE OUTCOMES (COs):

CO1	Gain knowledge on luminosity, absolute and apparent magnitudes, and their measurement
CO2	Understand the concept of gravitational potential energy , core pressure, core temperature , evolution of stars
CO3	Gain knowledge on classification of various crystal systems, X ray spectra types and Compton effect
CO4	Understand electrical and thermal conductivity in metals, Fermi energy and Hall effect
CO5	Gain knowledge of Extrinsic and Intrinsic semiconductors, Working of p-n junction diode, Zenor Diode and transistors
CO6	Hands on experience of different equipment.

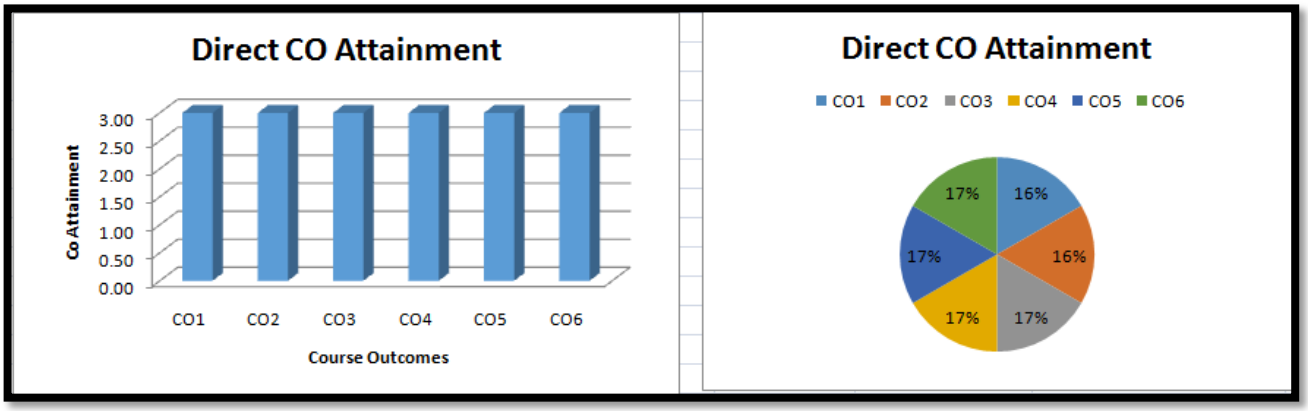
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2020-2021	Sem :	V	Name :	Mr. A Kalai Chalvan
Course Code :	PHY503			Course :	Astrophysics, Solid State Physics and Semiconductor Physics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	YASHWANTH.B.R	S1912035	9	7	10	8		8	10	10	10	10.0	97.0	10	46	66
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	16	16	11	10	15				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			17	13	14	9	9	13				19		17		11
% of students secured > 60% marks			94.4	81.3	87.5	81.8	90	86.7				100		89.5		61.1
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2		1	1
CO2	3	3	3	3	2	1	1	1
CO3	3	3	3	3	2		1	1
CO4	3	3	3	2	2		1	1
CO5	3	3	3	2	2		1	1
CO6	3	3	2	3	2	1	1	1
AVG	3.00	3.00	2.83	2.67	2.00	0.33	1.00	1.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	3.00	2.83	2.67	2.00	0.33	1.00	1.00
Attainment	3.00	3.00	2.83	2.67	2.00	0.33	1.00	1.00

III BSc - V SEM

Mathematics V: Algebra - 4, Mathematicals Methods - 2, Numericals – 1

COURSE OUTCOMES (COs):

CO1	To analyze Integral domain, and evaluate the field of fractions of an integral domain.
CO2	Appreciate and be able to prove the basic results of group theory and ring theory.
CO3	The problems which cannot be solved by usual formulae and methods can be solved approximately by using numerical techniques.
CO4	To learn fundamental properties and mathematical tools such as closure, identity, inverse.
CO5	Acquire basic knowledge in solving interpolation with equal interval problems by various numerical methods. Estimate the missing terms through interpolation methods.
CO6	Compare different methods in numerical analysis with accuracy and efficiency of solution

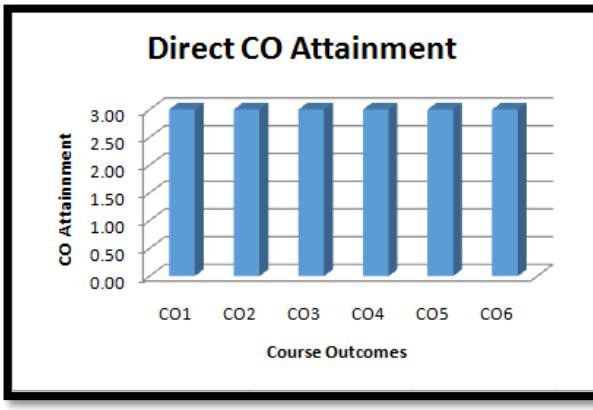
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

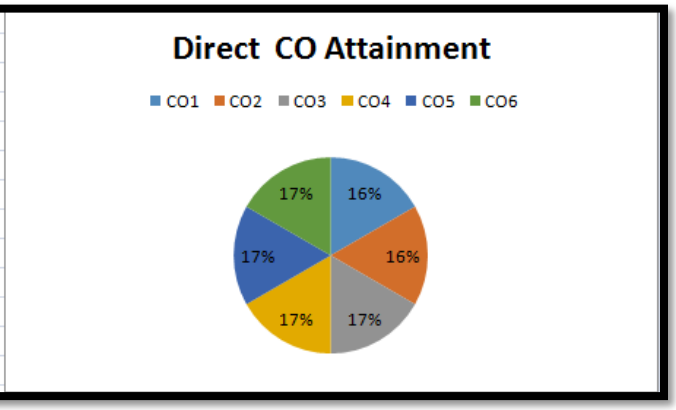
Academic Year :	2021-2022	Sem :	V	Name :	Mr Uday N V
Course Code :	MAT501			Course :	Mathematical Methods-II and Calculus-VI

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	10		10	10	8	10	10	10	10.0	100.0	10	57	81
17	VINOD KUMAR K	S1912033	8	7	8		8	7	10	10	10	10.0	94.0	10	45	64
18	VINODH M	S1912034	8	6	7		6	8	10	10	10	10.0	91.0	10	49	70
19	YASHWANTH.B.R	S1912035	10	10	8	10	10		10	10	10	10.0	100.0	10	64	91
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	15	17	8	15	11				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			15	13	14	8	13	10				19		17		14
% of students secured > 60% marks			83.3	86.7	82.4	100	86.7	90.9				100		89.5		77.8
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

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III BSc - V SEM

Mathematics VI: Mathematical Methods-II and Calculus-VI

COURSE OUTCOMES (COs):

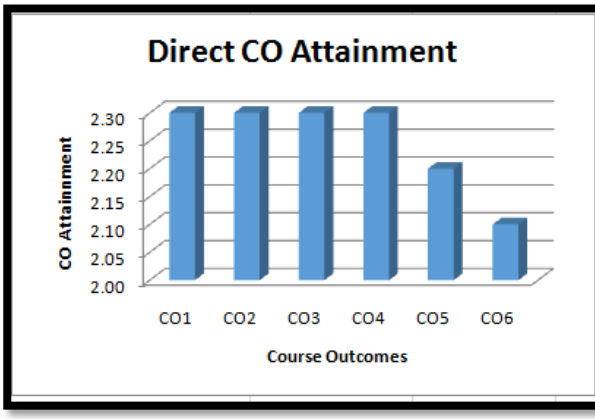
CO1	Derive the Euler-Lagrange equations for variational problems, including the case of general variations.
CO2	To solve variational problems with constraints: both algebraic and isoperimetric.
CO3	To evaluate double and triple integrals.
CO4	Apply change variable method to find the value of double and triple integral.
CO5	To calculate line integrals along piecewise smooth paths; interpret such quantities as work done by a force.
CO6	To evaluate line, surface, double and triple integrals and use these integrals to verify the integral theorems (Green's theorem in the plane, Gauss' divergence theorem and Stokes' theorem).

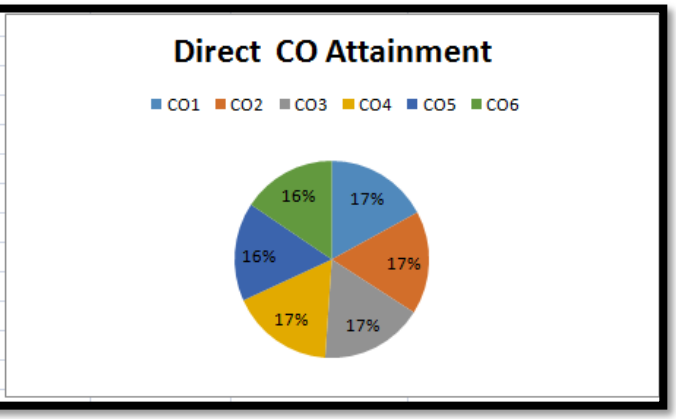
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	V		Name :		Ms Jeevitha N								
Course Code :		MAT503				Course :		Mathematical Methods-II and Calculus-VI								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	8	8	6	8	10		10	10	10	10.0	97.0	10	44	63
17	VINOD KUMAR K	S1912033	7	8	8	6	6		10	10	10	10.0	87.0	10	28	40
18	VINODH M	S1912034	9	7	6	8	8		10	10	10	10.0	87.0	10	29	41
19	YASHWANTH.B.R	S1912035	10	7	8	10	10		10	10	10	10.0	100.0	10	66	94
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	17	17	17	12	9				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			14	11	13	11	7	3				19		17		8
% of students secured > 60% marks			77.8	64.7	76.5	64.7	58.3	33.3				100		89.5		44.4
CO Attainment level			3	3	3	3	2	1				3		3		2

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	2	2.30
CO2	3	3	3	3.00	2	2.30
CO3	3	3	3	3.00	2	2.30
CO4	3	3	3	3.00	2	2.30
CO5	2	3	3	2.67	2	2.20
CO6	1	3	3	2.33	2	2.10
Average CO attainment						2.25





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.25

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.13	1.88	1.88	1.88	0.13	1.38	0.25	1.88

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III BSc - V SEM

Computer Science V: Oops using Java

COURSE OUTCOMES (COs):

CO1	Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.
CO2	Read and make elementary modifications to Java programs that solve real-world problems.
CO3	Validate input in a Java program
CO4	Identify and fix defects and common security issues in code.
CO5	Document a Java program using Javadoc.
CO6	Use a version control system to track source code in a project

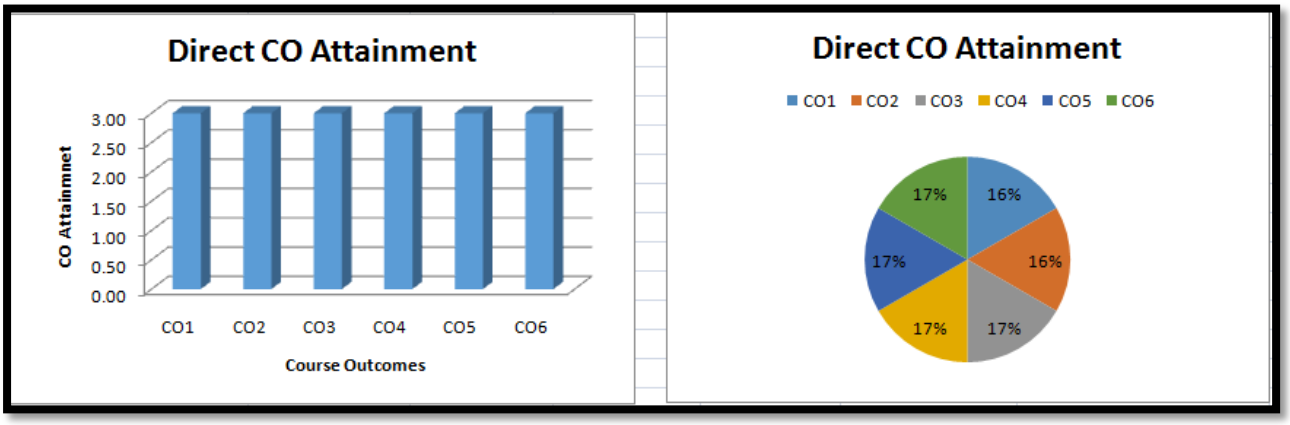
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :	2021-2022	Sem :	V	Name :	Mrs. Kalpana
Course Code :	CS5T			Course :	Object Oriented Programming using JAVA

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	10	7	8	10		10	10	10	10.0	100.0	10	31	44
17	VINOD KUMAR K	S1912033	10	10	10		8		10	10	10	10.0	80.0	10	36	51
18	VINODH M	S1912034	8	8	9		10		10	10	10	10.0	80.0	10	27	39
19	YASHWANTH.B.R	S1912035	10	10		10	10		10	10	10	10.0	100.0	10	41	59
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	14	14	12	13	8				19		19		17
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			16	14	12	11	11	8				19		17		14
% of students secured > 60% marks			88.9	100	85.7	91.7	84.6	100				100		89.5		82.4
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

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III BSc - V SEM

Computer Science VI: Visual Programming

COURSE OUTCOMES (COs):

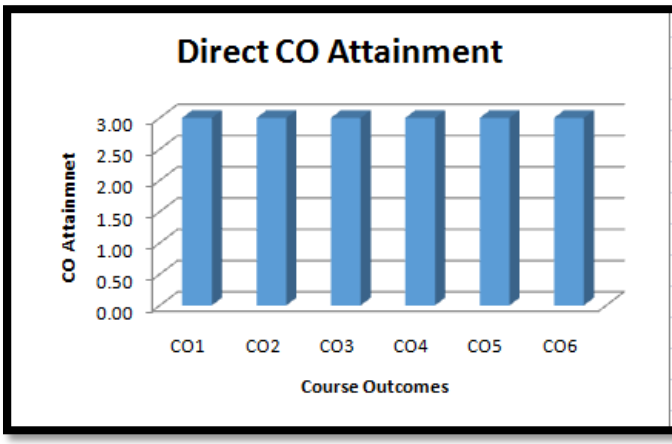
CO1	Understand the programming algorithm, process, and structure
CO2	Understand and identify the fundamental concepts of object-oriented programming
CO3	Understand and use the concepts of objects, primitive value, message, method, selection control structure, repetition control structures, object reference, container, and method parameter
CO4	Know how to write and run a complete program
CO5	Understand and identify the importance of object-oriented programming for the Internet based electronic commerce
CO6	Understand the impact of Java and VB.NET on business

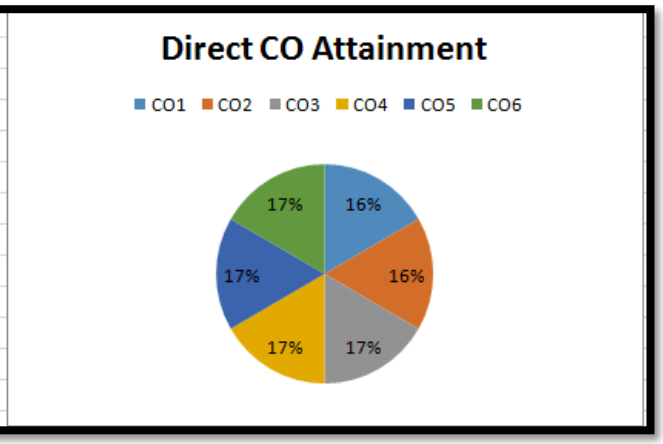
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	V		Name :		Mrs Sangeetha D S								
Course Code :		CS6T				Course :		Visual Programming								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	8		10	10	10	10	10	10	10.0	100.0	10	27	39
17	VINOD KUMAR K	S1912033	10		10	10		10	10	10	10	10.0	95.0	10	31	44
18	VINODH M	S1912034	7	8	7	8			10	10	10	10.0	95.0	10	25	36
19	YASHWANTH.B.R	S1912035	10		8	8	10	8	10	10	10	10.0	97.0	10	39	56
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	15	16	8	15	9				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			18	12	16	8	14	9				19		17		12
% of students secured > 60% marks			100	80	100	100	93.3	100				100		89.5		66.7
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

III BSc(PMCs) – VI SEM

Physics VII: Atomic, Molecular and Nuclear Physics

COURSE OUTCOMES (COs):

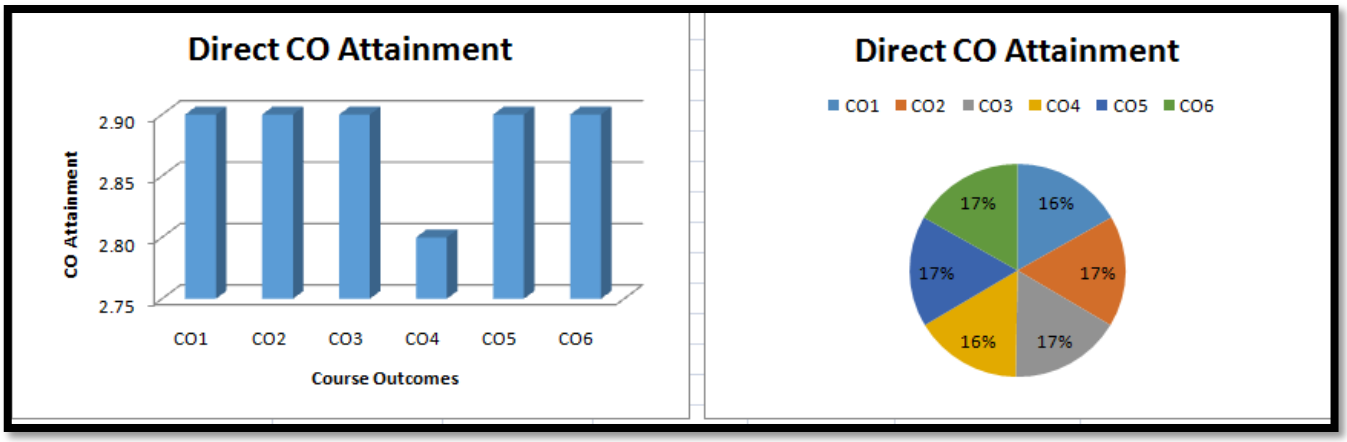
CO1	Gain knowledge on different atom models, atomic spectra of one and two valance electron atoms, the change in behavior of atoms in external applied electric and magnetic field.
CO2	Understand rotational, vibrational and rotational-vibrational spectrum and Raman effect.
CO3	Gain the knowledge of different types of nuclear decay and nuclear reactions.
CO4	Gain knowledge on various Nuclear detectors and particle accelerators.
CO5	Gain the knowledge on types, properties of elementary particles and conservation laws.
CO6	Hands on experience of different equipment.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mr. A Kalai Chalvan								
Course Code :		PHY601				Course :		Atomic, Molecular and Nuclear Physics								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
19	YASHWANTH.B.R	S1912035	6	7	6		6	5	10	10	10	10.0	97.0	10	55	79
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			16	9	14	4	10	7				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			7	4	6	0	4	4				19		13		11
% of students secured > 60% marks			43.8	44.4	42.9	0	40	57.1				100		68.4		61.1
CO Attainment level			2	2	2	1	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	2	3	3	2.67	3	2.90
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	1	3	3	2.33	3	2.80
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO attainment						2.883333333



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	2	1	1	1
CO2	3	3	3	3	2		1	1
CO3	3	3	3	3	2		1	1
CO4	3	2	3	2	2	2	1	1
CO5	3	2	3	2	2		1	1
CO6	3	2	2	3	2	1	1	1
AVG	**3.00**	**2.50**	**2.83**	**2.67**	**2.00**	**0.67**	**1.00**	**1.00**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.88

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.50	2.83	2.67	2.00	0.67	1.00	1.00
Attainment	**2.88**	**2.40**	**2.72**	**2.56**	**1.92**	**0.64**	**0.96**	**0.96**

III BSc(PMCs) – VI SEM

Physics VIII: Electronics, Magnetic Materials, Dielectrics and Quantum Mechanics – 2

COURSE OUTCOMES (COs):

CO1	Understand the concept of Operational amplifiers and its application as an amplifiers and filters.
CO2	Understand the number systems, logic gates and its applications as adders and subtractors.
CO3	Classify different magnetic materials and recall the basic formula in magnetism.
CO4	Understand Dia, para and ferro magnetic theories, dielectrics and physioelectric effect.
CO5	Gain the Knowledge of Schrodinger's time dependent and time independent wave equations and its applications.
CO6	Hands on experience of different equipment.

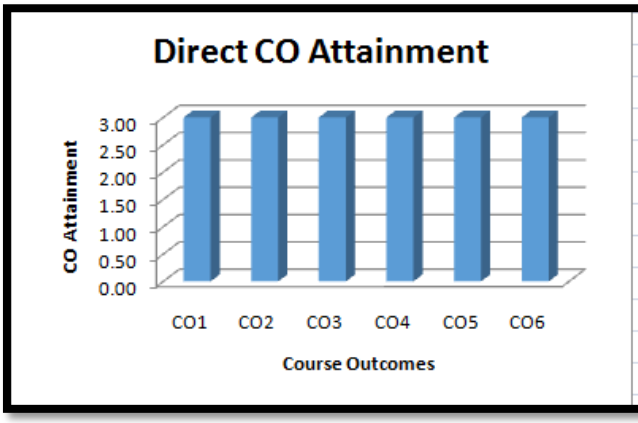
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

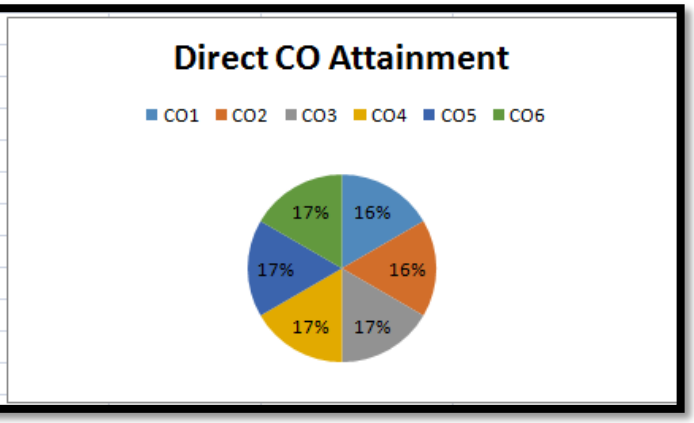
Academic Year :	2021-2022	Sem :	VI	Name :	Mr. Muniraja D K
Course Code :	PHY603			Course :	Electronics, Magnetic Materials, Dielectrics and Quantum

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	7		8		7	8	10	10	10	10.0	97.0	10	59	84
17	VINOD KUMAR K	S1912033	5	5	5		6	4	10	10	10	10.0	60.0	8	53	76
18	VINODH M	S1912034	7		7		7		10	10	10	10.0	76.0	10	58	83
19	YASHWANTH.B.R	S1912035	7	6	6		6		10	10	10	10.0	85.0	10	70	100
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	8	15	8	13	8				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			13	5	10	5	9	7				19		14		18
% of students secured > 60% marks			72.2	62.5	66.7	62.5	69.2	87.5				100		73.7		100.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	1		1	3
CO2	3	3	3	2	2			3
CO3	3	2	3	3	2		2	2
CO4	3	2	3	2	2		2	2
CO5	3	2	3	2	2		2	2
CO6	3	2	2	3	2		2	2
AVG	**3.00**	**2.33**	**2.83**	**2.33**	**1.83**	**0.00**	**1.50**	**2.33**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	2.33	1.83	0.00	1.50	2.33
Attainment	**3.00**	**2.33**	**2.83**	**2.33**	**1.83**	**0.00**	**1.50**	**2.33**

III BSc(PMCs) – VI SEM

Mathematics VII: Algebra - 5, Differential Equation – 3

COURSE OUTCOMES (COs):

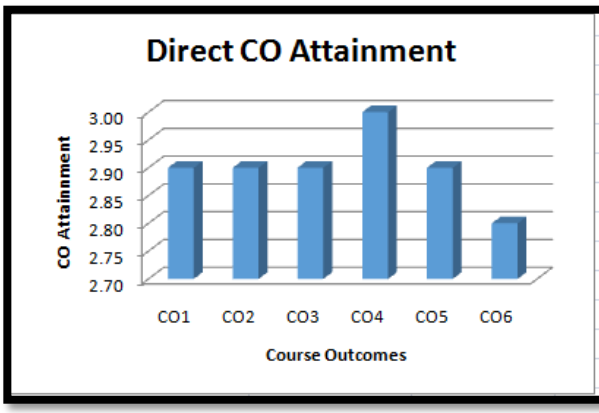
CO1	To learn the importance of linear transformation in Physics, Engineering and various branches of Mathematics.
CO2	Recognize the concepts of the terms span, linear independence, basis, and dimension, and apply these concepts to various vector spaces and subspaces.
CO3	Use computational techniques and algebraic skills essential for the study of systems of Linear equations, matrix algebra, vector spaces, eigen values and eigenvectors, Orthogonality and Diagonalization.
CO4	Use matrix algebra and the related matrices to linear transformations.
CO5	To understand the concept of Ordinary differential Equations in more than two variables.
CO6	To solve linear partial differential equations of both first and second order.

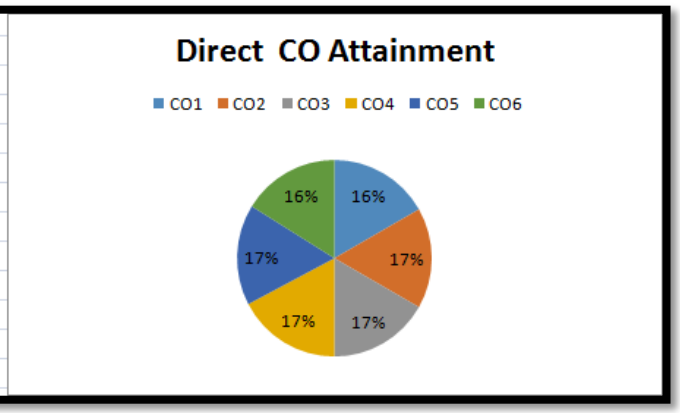
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mr Uday N V								
Course Code :		MAT601				Course :		Algebra - 5, Differential Equation - 3								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	6	6	5	8		5	10	10	10	10.0	100.0	10	61	87
17	VINOD KUMAR K	S1912033	7		7	5			10	10	10	10.0	63.0	8	35	50
18	VINODH M	S1912034	6			6		7	10	10	10	10.0	75.0	10	28	40
19	YASHWANTH.B.R	S1912035	10	10		10	10		10	10	10	10.0	94.0	10	57	81
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			16	9	11	6	11	9				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			9	5	6	4	6	3				19		13		11
% of students secured > 60% marks			56.3	55.6	54.5	66.7	54.5	33.3				100		68.4		61.1
CO Attainment level			2	2	2	3	2	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	2	3	3	2.67	3	2.90
CO2	2	3	3	2.67	3	2.90
CO3	2	3	3	2.67	3	2.90
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	1	3	3	2.33	3	2.80
Average CO attainment						2.9





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	**2.83**	**2.50**	**2.50**	**2.50**	**0.17**	**1.83**	**0.33**	**2.50**

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.90

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	**2.74**	**2.42**	**2.42**	**2.42**	**0.16**	**1.77**	**0.32**	**2.42**

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III BSc(PMCs) – VI SEM

Mathematics VIII: Analysis - 3, Numericals Methods – 2

COURSE OUTCOMES (COs):

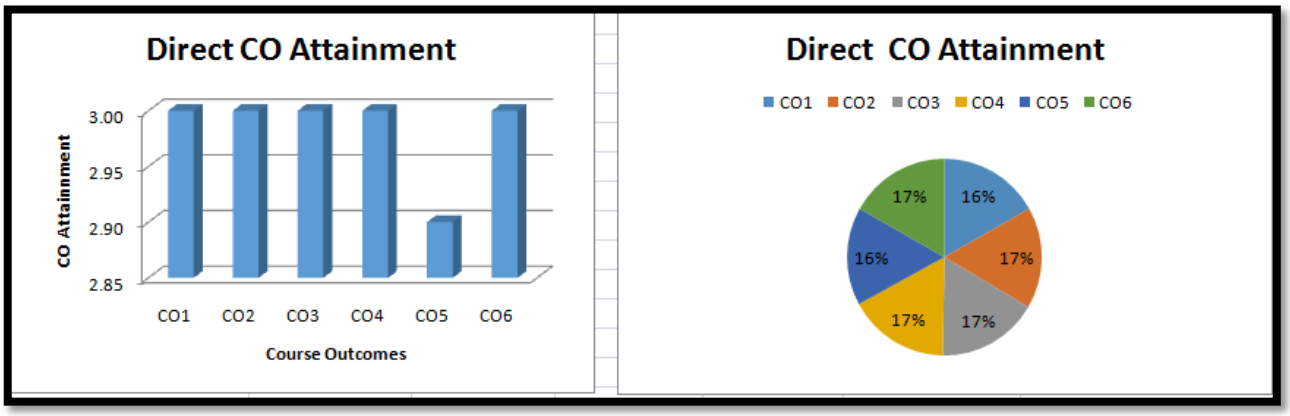
CO1	To compute basic operations on complex numbers and analyze limits and continuity for complex functions as well as consequences of continuity
CO2	Formulate the concepts of analytic functions and their properties and determine whether a given function is differentiable
CO3	Understand the basic methods of complex integration and its application in contour integration. Analyze sequences and series of analytic functions and types of convergence, apply the Cauchy integral theorem and formula in its various version
CO4	To apply appropriate numerical methods to solve the problem with most accuracy.
CO5	Using appropriate numerical methods determine approximate solution of ODE and system of linear equation.
CO6	Compare different methods in numerical analysis w.r.t accuracy and efficiency of solution

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Ms Aruna N								
Course Code :		MAT603				Course :		Analysis - 3, Numericals Methods - 2								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
17	VINOD KUMAR K	S1912033	6	7	6	5	6		10	10	10	10.0	84.0	10	37	53
18	VINODH M	S1912034	7	8	6	8	6		10	10	10	10.0	92.0	10	25	36
19	YASHWANTH.B.R	S1912035	8	6	7	6	7		10	10	10	10.0	89.0	10	65	93
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	17	18	15	12	10				19		19		19
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			14	14	11	10	7	7				19		18		13
% of students secured > 60% marks			77.8	82.4	61.1	66.7	58.3	70				100		94.7		68.4
CO Attainment level			3	3	3	3	2	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	2	3	3	2.67	3	2.90
CO6	3	3	3	3.00	3	3.00
Average CO attainment						2.983333333



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3		2		3
CO2	3	3	3	2		2		2
CO3	3	2	3	3		2	1	3
CO4	3	3	2	3		1		2
CO5	2	2	2	2	1	2	1	3
CO6	3	3	3	2		2		2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.98

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	2.83	2.50	2.50	2.50	0.17	1.83	0.33	2.50
Attainment	2.82	2.49	2.49	2.49	0.17	1.82	0.33	2.49

III BSc(PMCs) – VI SEM

Computer Science VII: Web Programming

COURSE OUTCOMES (COs):

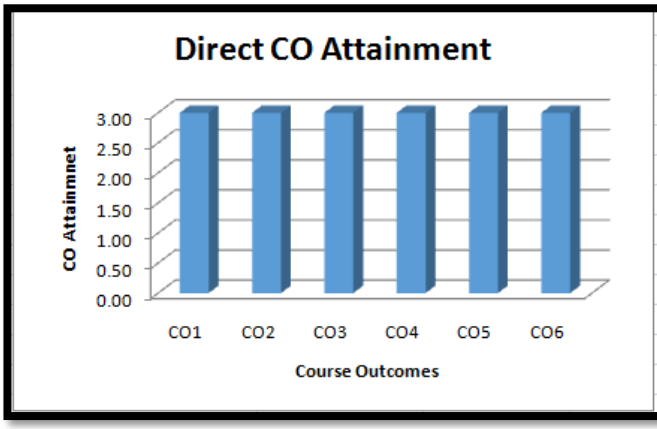
CO1	Analyze a web page and identify its elements and attributes.
CO2	Create web pages using XHTML and Cascading Style Sheets.
CO3	Build dynamic web pages using JavaScript (Client side programming).
CO4	Create XML documents and Schemas.
CO5	Construct simple web pages in PHP and to represent data in XML format.
CO6	Use server side scripting with PHP to generate the web pages dynamically using the database connectivity.

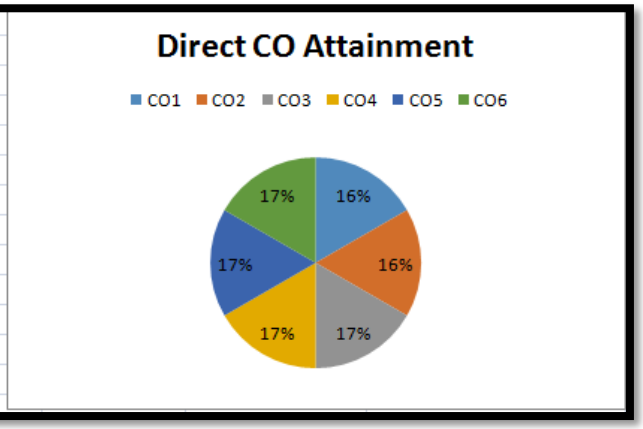
CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mrs. Madhavi								
Course Code :		CS7T				Course :		Web Programming								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10	8	10	10		7	10	10	10	10.0	100.0	10	54	77
17	VINOD KUMAR K	S1912033	10		10	9	10	7	10	10	10	10.0	88.0	10	49	70
18	VINODH M	S1912034	9	10	9	7		7	10	10	10	10.0	91.0	10	41	59
19	YASHWANTH.B.R	S1912035	10	7	10	10	10		10	10	10	10.0	97.0	10	43	61
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			17	14	16	11	10	12				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			17	13	16	10	10	11				19		18		18
% of students secured > 60% marks			100	92.9	100	90.9	100	91.7				100		94.7		100.0
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

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III BSc(PMCs) – VI SEM

Computer Science VIII: Computer Networks

COURSE OUTCOMES (COs):

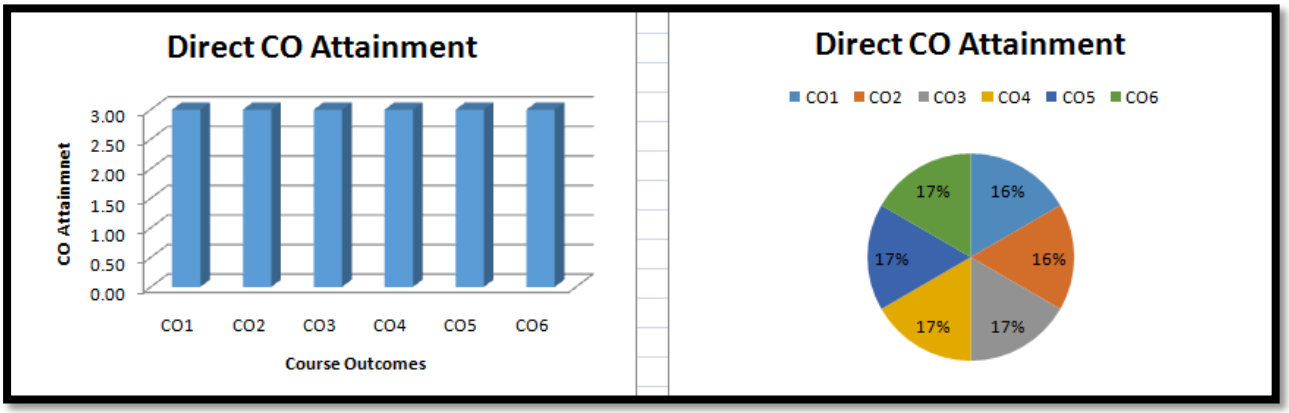
CO1	Explain basic concepts, OSI reference model, services and role of each layer of OSI model and TCP/IP, networks devices and transmission media, Analog and digital data transmission
CO2	Apply channel allocation, framing, error and flow control techniques
CO3	Describe the functions of Network Layer i.e. Logical addressing, sub netting & Routing Mechanism
CO4	Explain the different Transport Layer function i.e. Port addressing, Connection Management, Error control and Flow control mechanism
CO5	Explain the functions offered by session and presentation layer and their Implementation
CO6	Explain the different protocols used at application layer i.e. HTTP, SNMP, SMTP, FTP,TELNET and VPN

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDANCE + END SEM EXAMINATION MARKS

Academic Year :		2021-2022	Sem :	VI		Name :		Mr. Umesh N								
Course Code :		CS8T				Course :		Computer Networks								
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDANCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
16	THEJESHWINI.R	S1912032	10		10	10	7		10	10	10	10.0	93.0	10	35	50
17	VINOD KUMAR K	S1912033	10	10	10				10	10	10	10.0	91.0	10	50	71
18	VINODH M	S1912034	10	10	7	8			10	10	10	10.0	96.0	10	42	60
19	YASHWANTH.B.R	S1912035	10	7	8				10	10	10	10.0	98.0	10	34	49
COURSE OUTCOMES (COS) DIRECT ATTAINMENT																
No of students attempted			18	8	17	6	10	5				19		19		18
No of students secured > 60% of marks in IA, Assignment & Attendance and >50% marks in SEE			16	7	14	5	9	3				19		18		14
% of students secured > 60% marks			88.9	87.5	82.4	83.3	90	60				100		94.7		77.8
CO Attainment level			3	3	3	3	3	3				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assessment Tool (Internal Exam+Assignment+Attendance+Sem Exam)					
	Internal Exam	Assignment	Attendance	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	3	3	3	3.00	3	3.00
CO4	3	3	3	3.00	3	3.00
CO5	3	3	3	3.00	3	3.00
CO6	3	3	3	3.00	3	3.00
Average CO attainment						3



Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	3	1	2	3	3
CO2	3	3	3	3	2	3	3	3
CO3	3	2	3	3	1	3	3	3
CO4	3	2	3	3	1	2	3	3
CO5	3	3	3	3	2	3	3	3
CO6	3	2	3	3	1	1	3	3
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 3.00

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	2	3	2	2	1	2	2
AVG	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00
Attainment	3.00	2.33	2.83	3.00	1.33	2.33	3.00	3.00

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(Affiliated to Bengaluru North University)

I Semester –BGBt

BTT 101 – Cell Biology and Genetics

COURSE OUTCOMES (COs):

CO1	Understands the concepts in biotechnology and demonstrate knowledge acquired in interdisciplinary skills in Cell Biology and Genetics.
CO2	Comprehend the structure of the Cell with its organelles.
CO3	Understand the chromatin structure and its location.
CO4	Understand the basic principles of life and how a cell divides.
CO5	Explain the organization of genes and chromosomes.
CO6	Hands on experience

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Ms Cinthiya D
Course Code :	BTT 101			Course :	Cell Biology and Genetics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8		7	5	3	10	10	10	10.0	92.0	10	33	47
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	33	47
3	DHANUSH S	S1912004	10		10	5	8	5	10	10	10	10.0	100.0	10	42	60
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	54	77
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	97.0	10	58	83
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	28	40
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	39	56
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	51	73
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	45	64
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	93.0	10	20	29
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	38	54
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	41	59

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	3				15		15		10
% of students secured > 60% marks	80	18.2	30.8	46.2	9.09	37.5				100		100.0		66.7
CO Attainment level	3	1	1	2	1	1				3		3		3

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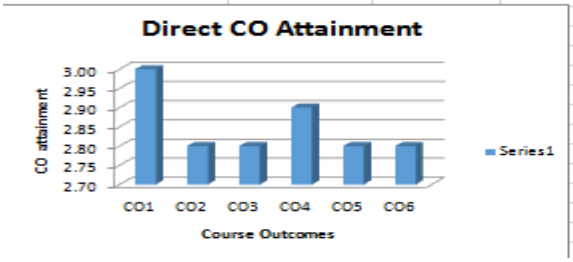
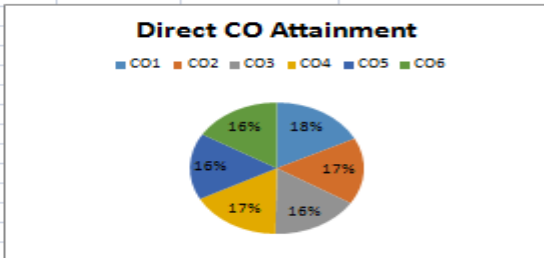
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SE
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	3	2	3	3	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	3	3	3	2	1	3	3
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 101	3	3	2	3	2	1	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00
Attainment	2.85	2.38	2.22	2.85	1.74	0.95	2.38	2.85
Average PO Attainment								2.28

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I Semester –BGBt

Biochemistry I

COURSE OUTCOMES (COs):

CO1	Understanding of Biochemistry as a discipline and milestone discoveries in Life Sciences.
CO2	Comprehend the unique property of water and its biological importance.
CO3	Understanding the principles of adsorption, viscosity, distribution law and osmotic pressure.
CO4	Understanding the concept of acids, base, indicators and pKa values.
CO5	Understanding the concepts of mole, mole fraction and molarity.
CO6	Gain the knowledge on chemical bonds, electronic configuration and theories of chemical bondings.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

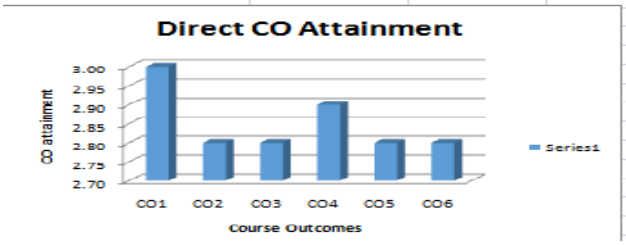
Academic Year :	2019-2020	Sem :	I	Name :	Ms Daizy F
Course Code :	BCT 101			Course :	Biochemistry I

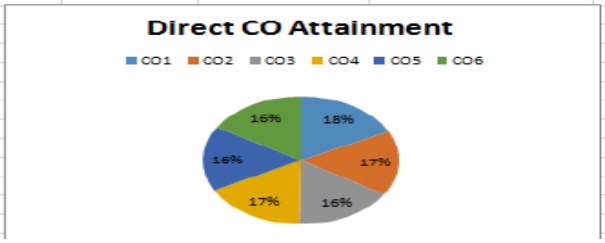
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8		7	5	3	10	10	10	10.0	92.0	10	61	87
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	54	77
3	DHANUSH S	S1912004			10	5	8	5	10	10	10	10.0	100.0	10	56	80
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	64	91
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	97.0	10	62	89
6	NIVEDITHA R	S1912007	5	5	5	5	5	10	10	10	10	10.0	92.0	10	52	74
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	55	79
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	69	99
9	RESHMA SULTHANA	S1912010	5	5	10		3		10	10	10	10.0	89.0	10	66	94
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	93.0	10	36	51
11	SHARULATHA M	S1912012		5	5	10			10	10	10	10.0	93.0	10	48	69
12	SNEHA R	S1912013		5	5	5	5	5	10	10	10	10.0	89.0	10	52	74

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	10	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	6	2	4	6	1	3				15		15		13
% of students secured > 60% marks	60	18.2	30.8	46.2	9.09	37.5				100		100.0		86.7
CO Attainment level	3	1	1	2	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	1	1	2	3
CO2	3	2	3	3	1		2	2
CO3	2	2	2	2	3	1	2	3
CO4	3	3	3	3	3		2	2
CO5	2	3	2	3	2	1	3	3
CO6	3	3	3	2	2	3	3	3
AVG	2.67	2.67	2.67	2.67	2.00	1.00	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 101	3	3	3	3	2	1	3	3
AVG	2.67	2.67	2.67	2.67	2.00	1.00	2.33	2.67
Attainment	2.53	2.53	2.53	2.53	1.90	0.95	2.22	2.53
Average PO Attainment								2.22

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I Semester –BGBt

Fundamentals of Cell Biology

COURSE OUTCOMES (COs):

CO1	Understand the principles behind microscopy with its types and application.
CO2	To know the cells structural and functional unit of life.
CO3	Studying various components of cellular organelles its composition and function.
CO4	Understand the basic differences between prokaryotic and eukaryotic cell.
CO5	Mechanism of cell cycle, cell death and different types of cell division.
CO6	Studying theoretical concepts of model organism its life cycle and genetic significance.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I	Name :	Ms Laveneya G
Course Code :	GNT 101			Course :	Fundamentals of cell biology

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE		
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	7	8	5	7	5	3	10	10	10	10.0	92.0	10	50	71
2	BUELA GRACE P	S1912002	10	2	5	3	2	1	10	10	10	10.0	92.0	10	41	59
3	DHANUSH S	S1912004	10	6	10	5	8	5	10	10	10	10.0	100.0	10	51	73
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	54	77
5	JENNIFER JOY I	S1912006	10	5	5	8	1	2	10	10	10	10.0	97.0	10	46	66
6	NIVEDITHA R	S1912007	10	5	5	5	5	8	10	10	10	10.0	92.0	10	39	56
7	PRAVEEN M	S1912008	10	5	5	5	5	6	10	10	10	10.0	95.0	10	35	50
8	RAMADEVI N	S1912009	10	5	5	5	5	7	10	10	10	10.0	89.0	10	54	77
9	RESHMA SULTHANA	S1912010	5	5	10	10	3	4	10	10	10	10.0	89.0	10	55	79
10	SHAKTHI VARMAN S A	S1912011	3	4	3	6	3	7	10	10	10	10.0	93.0	10	26	37
11	SHARULATHA M	S1912012	10	5	5	10	3	5	10	10	10	10.0	93.0	10	38	54
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	62	89

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	5				15		15		12
% of students secured > 60% marks	80	13.3	26.7	40	6.67	33.3				100		100.0		80.0
CO Attainment level	3	1	1	2	1	1				3		3		3

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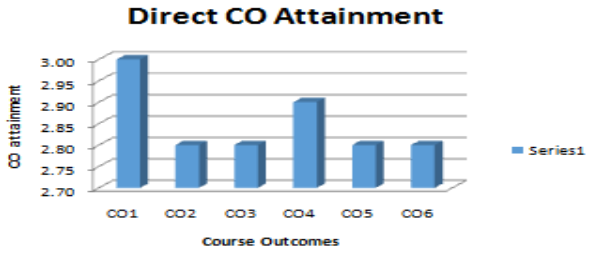
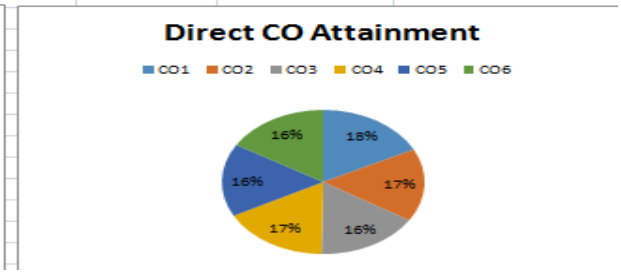
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	3	2	3	3	1		2	3
CO3	3	3	2	3	2	1	2	3
CO4	2	2	2	3	3		3	3
CO5	3	3	3	3	2	1	3	3
CO6	3	3	3	3	2	3	3	3
AVG	2.83	2.67	2.33	3.00	1.83	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 101	3	3	2	3	2	1	3	3
AVG	2.83	2.67	2.33	3.00	1.83	1.00	2.50	3.00
Attainment	2.69	2.53	2.22	2.85	1.74	0.95	2.38	2.85
verage PO Attainment								2.28

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II Semester –BGBt

Biochemistry- II

COURSE OUTCOMES (COs):

CO1	Understand the concepts and the knowledge of organic chemistry.
CO2	Gain Knowledge on the catalysis and its industrial and biological applications.
CO3	Comprehend the mechanism and the differences of elimination and nucleophilic substitution reactions.
CO4	Gain the basic knowledge on classification and nomenclature of organic compounds.
CO5	Understand and gain knowledge on the fundaments of chemical processes in biological systems.
CO6	Understand the preparation, importance and synthetic applications of Alkylhaldies and organometallic reactions.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	II	Name :	Ms Daizy F
Course Code :	BCT 201			Course :	Biochemistry II

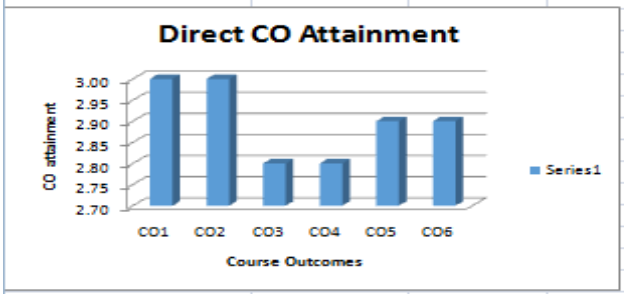
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	10	5	5	10	6	10	10	10	10.0	92.0	10	64	91
2	BUELA GRACE P	S1912002	10	10	5	5	10	2	10	10	10	10.0	87.0	10	60	86
3	DHANUSH S	S1912004	10	10	9	5	5	10	10	10	10	10.0	92.0	10	65	93
4	DIVYA REBECCA D	S1912005	10	10	10	5	5	4	10	10	10	10.0	94.0	10	65	93
5	JENNIFER JOY I	S1912006	10	10	10	5	5	5	10	10	10	10.0	94.0	10	64	91
6	NIVEDITHA R	S1912007	10	10	5	5	10	8	10	10	10	10.0	92.0	10	62	89
7	PRAVEEN M	S1912008	10	5	5	5	5	8	10	10	10	10.0	94.0	10	60	86
8	RAMADEVI N	S1912009	10	5	5	10	10	8	10	10	10	10.0	92.0	10	65	93
9	RESHMA SULTHANA	S1912010	10	10	10	5	5	6	10	10	10	10.0	92.0	10	65	93
10	SHAKTHI VARMAN S A	S1912011	10	5	5	5	5	4	10	10	10	10.0	94.0	10	56	80
11	SHARULATHA M	S1912012	10	10	5	5	10	7	10	10	10	10.0	92.0	10	64	91
12	SNEHA R	S1912013	10	10	10	5	5	8	10	10	10	10.0	86.0	10	65	93

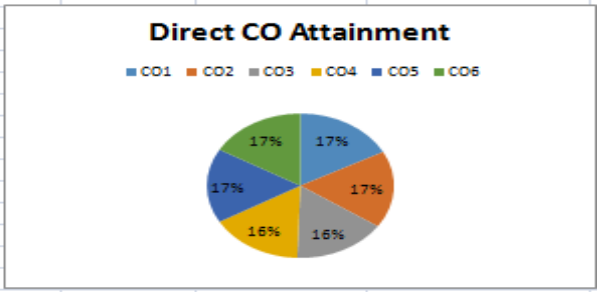
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	9	5	2	6	7				15		15		15
% of students secured > 60% marks	80	60	33.3	13.3	40	46.7				100		100.0		100.0
CO Attainment level	3	3	1	1	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.90





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	3	1	1	3	3
CO2	3	2	3	2	1		3	3
CO3	3	3	2	3	2	2	2	2
CO4	3	3	2	3	3		3	3
CO5	3	3	2	3	2	1	3	2
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.67	2.17	2.83	1.83	1.17	2.83	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.90

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 201	3	3	2	3	2	1	3	3
AVG	3.00	2.67	2.17	2.83	1.83	1.17	2.83	2.67
Attainment	2.90	2.58	2.09	2.74	1.77	1.13	2.74	2.58
Average PO Attainment								2.32

II Semester –BGBt

General Microbiology and Biostatistics

COURSE OUTCOMES (COs):

CO1	Understand the concepts and demonstrate the knowledge acquired in interdisciplinary skills in Microbiology and Biostatistics.
CO2	Gain Knowledge on the Microbial techniques and Taxonomy.
CO3	Comprehend the structure and Classification of Bacteria, Virus, Fungi and Algae.
CO4	Gain the basic knowledge on Pathogenic microorganism.
CO5	Understand and gain knowledge on the microbial metabolism.
CO6	Understand the importance and applications of Biostatistics.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	II	Name :	Ms Cinthiya D
Course Code :	BTT 201			Course :	General Microbiology and Biostatistics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	10	5	5	10	6	10	10	10	10.0	92.0	10	64	91
2	BUELA GRACE P	S1912002	10	10	5	5	10	2	10	10	10	10.0	87.0	10	60	86
3	DHANUSH S	S1912004	10	10	9	5	5	10	10	10	10	10.0	92.0	10	65	93
4	DIVYA REBECCA D	S1912005	10	10	10	5	5	4	10	10	10	10.0	94.0	10	65	93
5	JENNIFER JOY I	S1912006	10	10	10	5	5	5	10	10	10	10.0	94.0	10	64	91
6	NIVEDITHA R	S1912007	10	10	5	5	10	8	10	10	10	10.0	92.0	10	62	89
7	PRAVEEN M	S1912008	10	5	5	5	5	8	10	10	10	10.0	94.0	10	59	84
8	RAMADEVI N	S1912009	10	5	5	10	10	8	10	10	10	10.0	92.0	10	65	93
9	RESHMA SULTHANA	S1912010	10	10	10	5	5	6	10	10	10	10.0	92.0	10	65	93
10	SHAKTHI VARMAN S A	S1912011	10	5	5	5	5	4	10	10	10	10.0	94.0	10	55	79
11	SHARULATHA M	S1912012	10	10	5	5	10	7	10	10	10	10.0	92.0	10	64	91
12	SNEHA R	S1912013	10	10	10	5	5	8	10	10	10	10.0	86.0	10	65	93

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	9	5	2	6	7				15		15		15
% of students secured > 60% marks	80	60	33.3	13.3	40	46.7				100		100.0		100.0
CO Attainment level	3	3	1	1	2	2				3		3		3

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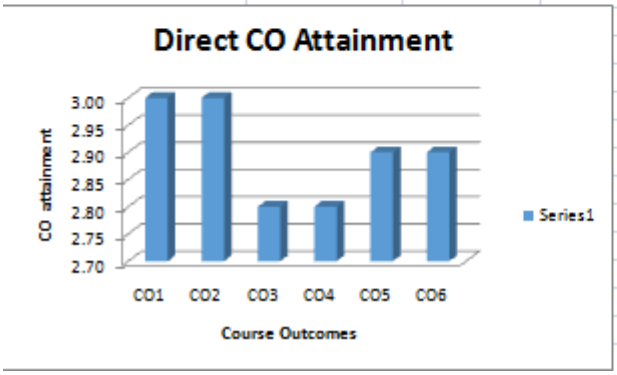
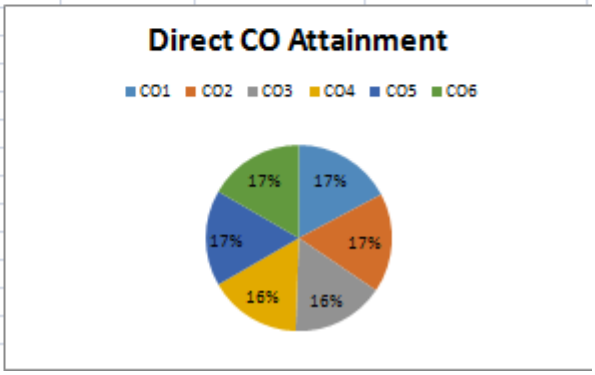
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.90





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	3	1	1	2	3
CO2	3	2	2	2	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	3	3	3	2	1	3	3
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.33	2.17	2.83	1.83	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.90

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 201	3	3	2	3	2	1	3	3
AVG	3.00	2.33	2.17	2.83	1.83	1.00	2.50	3.00
Attainment	2.90	2.26	2.09	2.74	1.77	0.97	2.42	2.90
Average PO Attainment								2.26

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II Semester –BGBt

Principles of Genetics

COURSE OUTCOMES (COs):

CO1	History and scope of Genetics.
CO2	Understanding the pre mendelian genetic concepts.
CO3	To study the law of Mendelian inheritance with examples.
CO4	Principles of deviation from Mendelian inheritance with examples.
CO5	Understanding the mechanism of sex determination in different organisms.
CO6	Application of statistical concepts used in health medical science,plants and animals.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	II	Name :	Ms Laveneya G
Course Code :	GNT 201			Course :	Principles of Genetics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	10	5	5	10	6	10	10	10	10.0	92.0	10	64	91
2	BUELA GRACE P	S1912002	10	10	5	5	10	2	10	10	10	10.0	87.0	10	60	86
3	DHANUSH S	S1912004	10	10	9	5	5	10	10	10	10	10.0	92.0	10	65	93
4	DIVYA REBECCA D	S1912005	10	10	10	5	5	4	10	10	10	10.0	94.0	10	65	93
5	JENNIFER JOY I	S1912006	10	10	10	5	5	5	10	10	10	10.0	94.0	10	64	91
6	NIVEDITHA R	S1912007	10	10	5	5	10	8	10	10	10	10.0	92.0	10	62	89
7	PRAVEEN M	S1912008	10	5	5	5	5	7	10	10	10	10.0	94.0	10	60	86
8	RAMADEVI N	S1912009	10	5	5	10	10	8	10	10	10	10.0	92.0	10	65	93
9	RESHMA SULTHANA	S1912010	10	10	9	5	5	6	10	10	10	10.0	92.0	10	65	93
10	SHAKTHI VARMAN S A	S1912011	10	5	5	5	5	4	10	10	10	10.0	94.0	10	56	80
11	SHARULATHA M	S1912012	10	8	5	5	10	7	10	10	10	10.0	92.0	10	64	91
12	SNEHA R	S1912013	10	10	7	5	5	8	10	10	10	10.0	86.0	10	65	93

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	9	5	2	6	7				15		15		15
% of students secured > 60% marks	80	60	33.3	13.3	40	46.7				100		100.0		100.0
CO Attainment level	3	3	1	1	2	2				3		3		3

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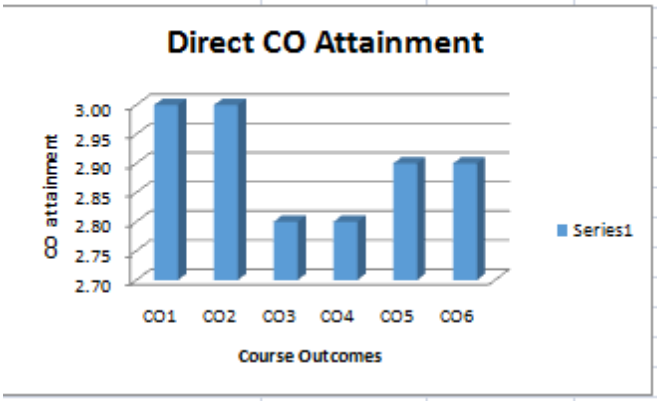
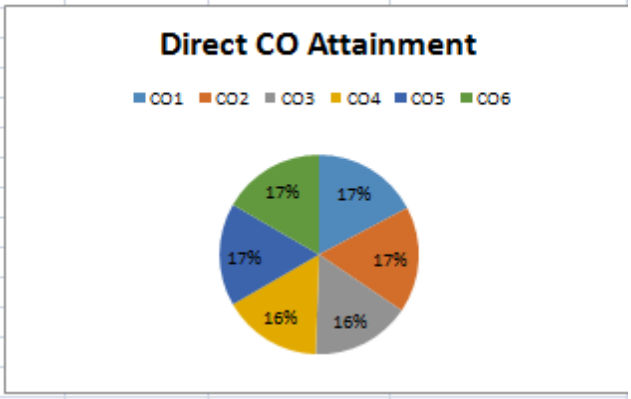
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.90





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	3	1	1	2	3
CO2	3	2	2	2	1		2	3
CO3	3	3	2	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	3	2	3	3	1	3	2
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.50	2.00	2.83	2.00	1.00	2.50	2.83

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.90

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 201	3	3	2	3	2	1	3	3
AVG	3.00	2.50	2.00	2.83	2.00	1.00	2.50	2.83
Attainment	2.90	2.42	1.93	2.74	1.93	0.97	2.42	2.74
Average PO Attainment								2.26

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III Semester –BGBt

Biochemistry III

COURSE OUTCOMES (COs):

CO1	Understand concepts in Bioinorganic and Environmental Chemistry.
CO2	Comprehend the characteristics and method of extraction of alkaloids..
CO3	Understand the structure and properties of Drugs.
CO4	Understand the basic principles of Stereochemistry.
CO5	Understand the fundamental principles of Biochemistry.
CO6	Gain knowledge on Spectroscopic techniques and its application.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	III	Name :	Ms Roselin k
Course Code :	BCT 301			Course :	Biochemistry III

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8		7	5	3	10	10	10	10.0	89.0	10	39	56
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	54	77
3	DHANUSH S	S1912004	10		10	5	8	5	10	10	10	10.0	100.0	10	59	84
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	55	79
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	92.0	10	54	77
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	41	59
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	50	71
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	63	90
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	52	74
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	28	40
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	38	54
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	34	49

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	3				15		15		11
% of students secured > 60% marks	80	18.2	30.8	46.2	9.09	37.5				100		100.0		73.3
CO Attainment level	3	1	1	2	1	1				3		3		3

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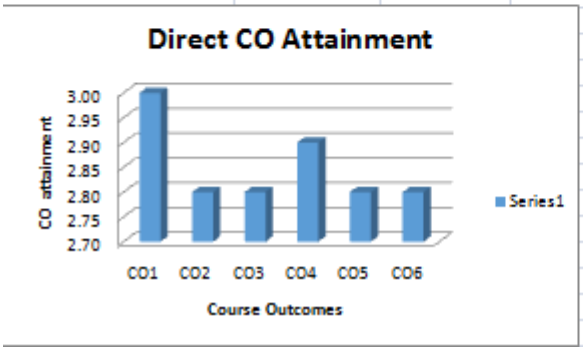
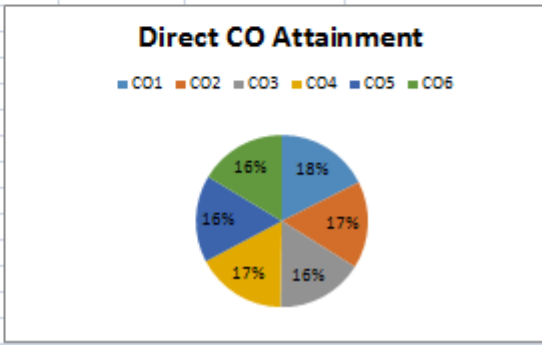
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	2	3	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	2	3	3	3	1	3	3
CO6	3	3	1	3	2	3	3	3
AVG	2.83	2.33	2.17	3.00	2.00	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 301	3	3	2	3	2	1	3	3
AVG	2.83	2.33	2.17	3.00	2.00	1.00	2.50	3.00
Attainment	2.69	2.22	2.06	2.85	1.90	0.95	2.38	2.85
Average PO Attainment								2.24

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III Semester –BGBt

Biochemistry and Biophysics

COURSE OUTCOMES (COs)

CO1	Understand concepts in biotechnology and demonstrate knowledge acquired in interdisciplinary skills in biochemistry and biophysics.
CO2	Comprehend the structure of the proteins.
CO3	Understand the structure and properties of carbohydrates.
CO4	Understand the basic principles of Biophysics and chemical bonds.
CO5	Explain the organization of genes and hormones.
CO6	Hands on experience

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	III	Name :	Ms Louisena V Priya
Course Code :	BTT 301			Course :	Biochemistry and Biophysics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	92.0	10	65	93
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	64	91
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	59	84
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	66	94
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	65	93
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	60	86
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	64	91
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	64	91
13	SUVIKSHA S	S1912014	8			8			10	10	10	10.0	79.0	10	62	89
14	VARSHINI D	S1912015	10	10	10	5	5		10	10	10	10.0	92.0	10	64	91
15	YASHASWINI K	S1912016	10	5	5				10	10	10	10.0	95.0	10	62	89

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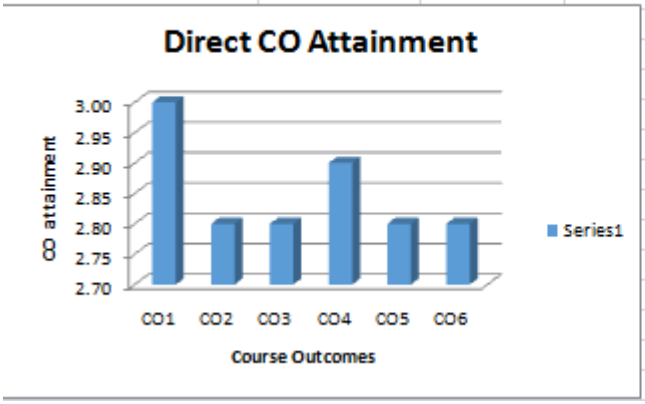
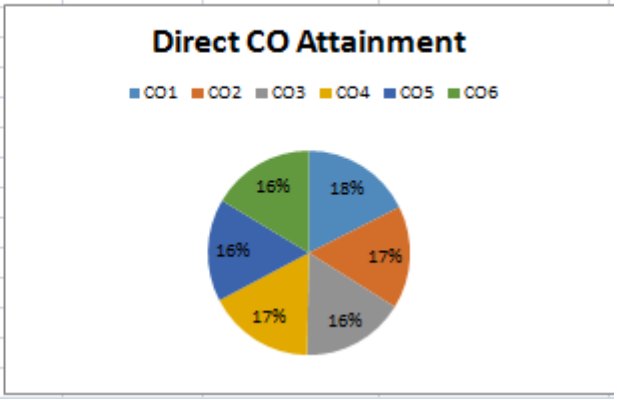
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	2	3	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	2	3	3	3	1	3	3
CO6	3	3	1	3	2	3	3	3
AVG	2.83	2.33	2.17	3.00	2.00	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 301	3	3	2	3	2	1	3	3
AVG	2.83	2.33	2.17	3.00	2.00	1.00	2.50	3.00
Attainment	2.69	2.22	2.06	2.85	1.90	0.95	2.38	2.85
Average PO Attainment								2.24

III Semester –BGBt

Cytogenetics

COURSE OUTCOMES (COs)

CO1	To study the structure and ultrastructure of prokaryotic and eukaryotic chromosome.
CO2	To learn the concepts of linkage and sex linkage.
CO3	Explain the prokaryotic and eukaryotic organisation.
CO4	Discuss the chromosomal abnormalities with respect to humans, plants and animals.
CO5	To study the extrachromosomal inheritance pattern..
CO6	Brief introduction to genomics and proteomics.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	III	Name :	Ms Laveneya G
Course Code :	GNT 301			Course :	Cytogenetics

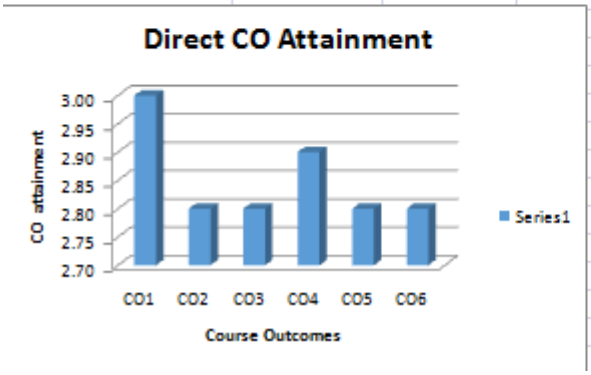
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8	2	7	5	3	10	10	10	10.0	89.0	10	50	71
2	BUELA GRACE P	S1912002	10	7	5	3	2	1	10	10	10	10.0	92.0	10	50	71
3	DHANUSH S	S1912004	10	5	10	5	8	5	10	10	10	10.0	100.0	10	58	83
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	63	90
5	JENNIFER JOY I	S1912006	10	5	5	10	5	2	10	10	10	10.0	92.0	10	67	96
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	50	71
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	25	36
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	63	90
9	RESHMA SULTHANA	S1912010	5	5	10	10	3	5	10	10	10	10.0	89.0	10	55	79
10	SHAKTHI VARMAN S A	S1912011	3	2	3	6	3	7	10	10	10	10.0	89.0	10	36	51
11	SHARULATHA M	S1912012	10	5	5	10	6	4	10	10	10	10.0	93.0	10	50	71
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	55	79

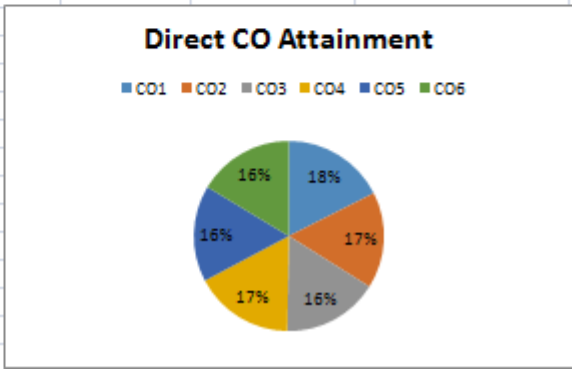
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	3	4	6	1	5				15		15		13
% of students secured > 60% marks	80	20	26.7	40	6.67	33.3				100		100.0		86.7
CO Attainment level	3	1	1	2	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	2	3	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	2	3	3	3	1	2	3
CO6	3	3	2	3	3	3	3	3
AVG	2.83	2.33	2.33	3.00	2.17	1.00	2.33	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 301	3	3	2	3	2	1	3	3
AVG	2.83	2.33	2.33	3.00	2.17	1.00	2.33	3.00
Attainment	2.69	2.22	2.22	2.85	2.06	0.95	2.22	2.85
Average PO Attainment								2.26

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IV Semester –BGBt

Biochemistry IV

COURSE OUTCOMES (COs)

CO1	Expains the basic knowledge of human physiology.
CO2	Understand the characteristics of nutrients and their biological functions.
CO3	Comprehend the functions of accessory organs of digestive system.
CO4	Gain the knowledge on the process of digestion, absorption and metabolism of macronutrients.
CO5	Understand the importance of respiratory, excretory and circulatory system.
CO6	Understands the properties and functions of endocrine system.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I V	Name :	Ms Roselin K
Course Code :	BCT 401			Course :	Biochemistry I V

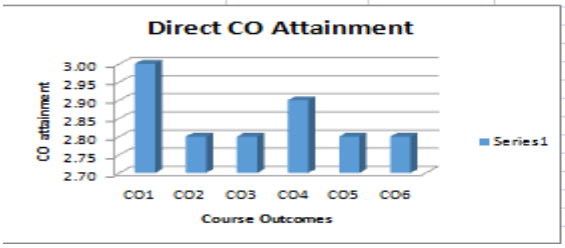
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8		7	5	3	10	10	10	10.0	89.0	10	62	89
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	64	91
3	DHANUSH S	S1912004	10		10	5	8	5	10	10	10	10.0	100.0	10	67	96
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	65	93
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	92.0	10	65	93
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	64	91
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	61	87
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	66	94
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	65	93
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	53	76
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	64	91
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	64	91

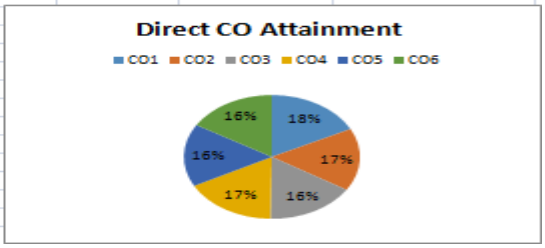
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	3				15		15		15
% of students secured > 60% marks	80	18.2	30.8	46.2	9.09	37.5				100		100.0		100.0
CO Attainment level	3	1	1	2	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	2
CO2	2	2	1	2	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	2	2	2	3	3		3	2
CO5	3	2	3	2	3	1	2	3
CO6	3	3	1	3	2	3	3	3
AVG	2.67	2.33	1.67	2.67	2.00	1.00	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 401	3	3	2	3	2	1	3	3
AVG	2.67	2.33	1.67	2.67	2.00	1.00	2.33	2.67
Attainment	2.53	2.22	1.58	2.53	1.90	0.95	2.22	2.53
verage PO Attainment								2.06

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IV Semester –BGBt

Molecular Biology

COURSE OUTCOMES (COs)

CO1	Understand concepts of the structure and function of DNA and RNA.
CO2	Comprehend the structure of prokaryotic and eukaryotic gene.
CO3	Understand the regulation of gene expression.
CO4	Understand the inspectional elements and transposons.
CO5	Explain the mechanism of DNA repair.
CO6	Hands on experience

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

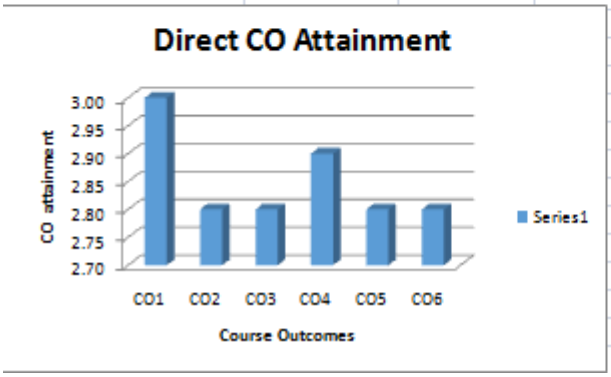
Academic Year :		2019-2020	Sem :	IV			Name :			Ms Louisena V Priya							
Course Code :		BTT 301					Course :			Molecular Biology							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
	Max. Marks		10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8		7	5	3	10	10	10	10.0	89.0	10	44	63
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	56	80
3	DHANUSH S	S1912004	10		10	5	8	5	10	10	10	10.0	100.0	10	66	94
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	54	77
5	JENNIFER JOY I	S1912006	10	5	5	10		2	10	10	10	10.0	92.0	10	58	83
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	57	81
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	39	56
8	RAMADEVI N	S1912009	10	5	5	5	5	8	10	10	10	10.0	89.0	10	56	80
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	51	73
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	52	74
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	62	89
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	29	41

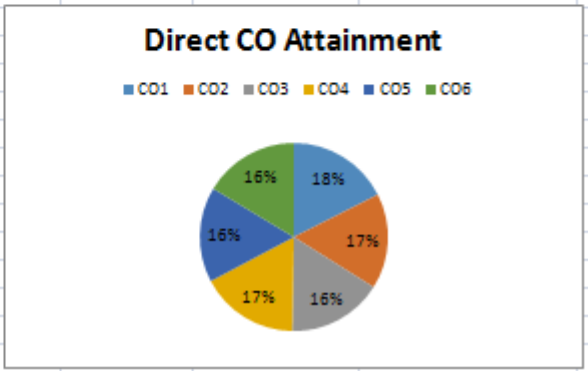
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	3				15		15		13
% of students secured > 60% marks	80	18.2	30.8	46.2	9.09	37.5				100		100.0		86.7
CO Attainment level	3	1	1	2	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	2
CO2	2	2	1	2	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	2	2	2	3	3		3	2
CO5	3	2	3	2	3	1	2	3
CO6	3	3	1	3	2	3	3	3
AVG	2.67	2.33	1.67	2.67	2.00	1.00	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 401	3	3	2	3	2	1	3	3
AVG	2.67	2.33	1.67	2.67	2.00	1.00	2.33	2.67
Attainment	2.53	2.22	1.58	2.53	1.90	0.95	2.22	2.53
Average PO Attainment								2.06

IV Semester –BGBt

Molecular Genetics

COURSE OUTCOMES (COs)

CO1	Understand concepts of the structure and function of DNA and RNA.
CO2	Learning and understanding the concepts of central dogma of molecular biology.
CO3	To discuss the mechanism of DNA replication in prokaryotes and eukaryotes.
CO4	To explain the protein synthesis machinery.
CO5	Explain the mechanism of DNA repair.
CO6	Studing the regulatory mechanism of gene.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	I V	Name :	Ms Laveneya G
Course Code :	GNT 401			Course :	Molecular Genetics

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	8	6	7	5	3	10	10	10	10.0	89.0	10	64	91
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	62	89
3	DHANUSH S	S1912004	10		10	5	8	5	10	10	10	10.0	100.0	10	67	96
4	DIVYA REBECCA D	S1912005	5	5	10	10	5	5	10	10	10	10.0	97.0	10	65	93
5	JENNIFER JOY I	S1912006	10	5	5	10	6	2	10	10	10	10.0	92.0	10	65	93
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	64	91
7	PRAVEEN M	S1912008	10	5	5	5	5	10	10	10	10	10.0	95.0	10	55	79
8	RAMADEVI N	S1912009	10	5	5	5	5	7	10	10	10	10.0	89.0	10	66	94
9	RESHMA SULTHANA	S1912010	5	5	10	10	3		10	10	10	10.0	89.0	10	63	90
10	SHAKTHI VARMAN S A	S1912011	3		3	6	3	4	10	10	10	10.0	89.0	10	60	86
11	SHARULATHA M	S1912012	10	5	5	10			10	10	10	10.0	93.0	10	64	91
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	64	91

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	14	14	12	9				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	12	2	4	6	1	3				15		15		15
% of students secured > 60% marks	80	18.2	28.6	42.9	8.33	33.3				100		100.0		100.0
CO Attainment level	3	1	1	2	1	1				3		3		3

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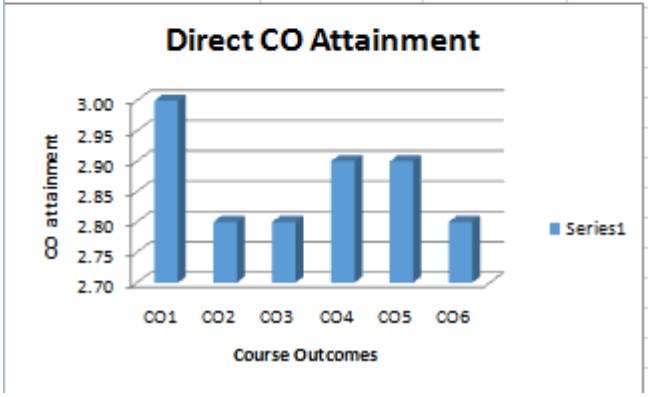
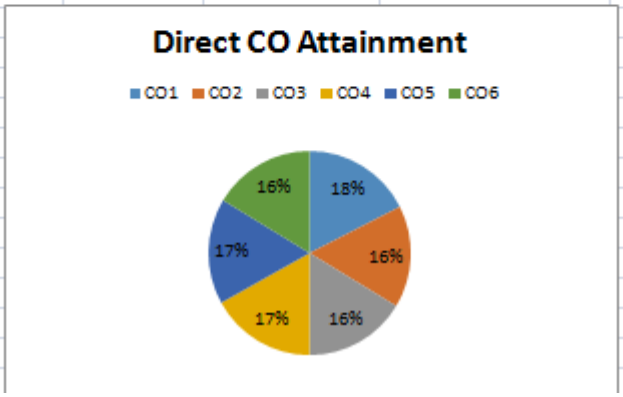
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.90
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.87





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	2
CO2	2	2	1	2	1	2	2	3
CO3	3	2	2	3	2	1	2	3
CO4	2	2	2	3	3	3	3	2
CO5	3	2	3	2	3	1	2	3
CO6	3	3	2	3	2	3	3	3
AVG	2.67	2.33	1.83	2.67	2.00	1.83	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.87

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 401	3	3	2	3	2	1	3	3
AVG	2.67	2.33	1.83	2.67	2.00	1.83	2.33	2.67
Attainment	2.55	2.23	1.75	2.55	1.91	1.75	2.23	2.55
Average PO Attainment								2.19

V Semester –BGBt

Biochemistry V

COURSE OUTCOMES (COs)

CO1	Understand the concepts of Biomolecules of life .
CO2	Comprehend the structure of the proteins.
CO3	Understand the structure and properties of carbohydrates.
CO4	Gain the knowledge of biological importance of biomolecules.
CO5	Understand the concepts of laws of thermodynamics in living system..
CO6	Gain the knowledge of energy production in the cell.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V	Name :	Ms Daizy F
Course Code :	BCT 501			Course :	Biochemistry V

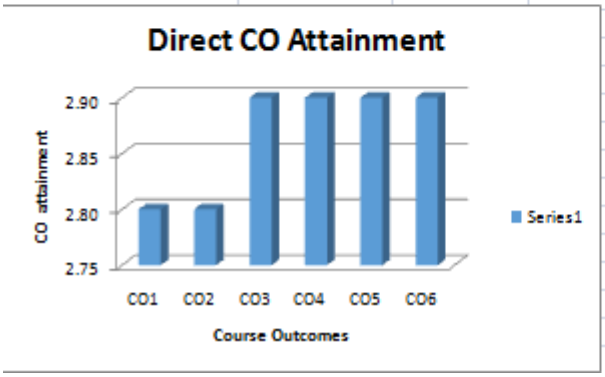
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	5	5	5	10	7	10	10	10	10.0	100.0	10	63	90
2	BUELA GRACE P	S1912002	10	5	5	2	5	5	10	10	10	10.0	96.0	10	56	80
3	DHANUSH S	S1912004	5	5	10	10	10	8	10	10	10	10.0	100.0	10	62	89
4	DIVYA REBECCA D	S1912005	5	5	5	10	5	10	10	10	10	10.0	100.0	10	61	87
5	JENNIFER JOY I	S1912006	5	5	5	2	10	10	10	10	10	10.0	100.0	10	68	97
6	NIVEDITHA R	S1912007	5	5	10	10	10	8	10	10	10	10.0	100.0	10	59	84
7	PRAVEEN M	S1912008	5	5	5	5	5	5	10	10	10	10.0	96.0	10	25	36
8	RAMADEVI N	S1912009	5	10	10	5	5	10	10	10	10	10.0	96.0	10	68	97
9	RESHMA SULTHANA	S1912010	1	9	8	1	5	6	10	10	10	10.0	96.0	10	68	97
10	SHAKTHI VARMAN S A	S1912011	5	5		10	5	5	10	10	10	10.0	85.0	10	25	36
11	SHARULATHA M	S1912012	5		10	5	5	10	10	10	10	10.0	96.0	10	51	73
12	SNEHA R	S1912013	8		6	8	5	4	10	10	10	10.0	97.0	10	61	87

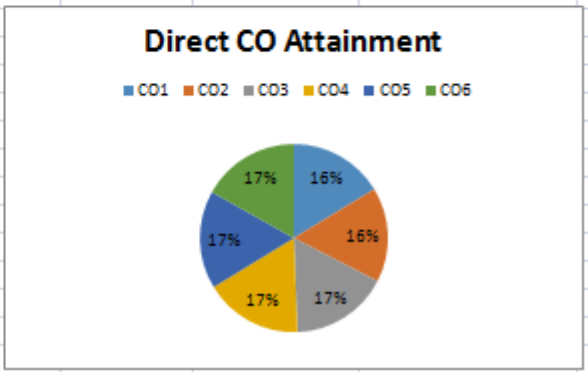
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	13	12	12	14	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	3	4	5	7	6	8				15		15		11
% of students secured > 60% marks	23.1	33.3	41.7	50	40	53.3				100		100.0		73.3
CO Attainment level	1	1	2	2	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	1	3	3	2.33	3	2.80
CO2	1	3	3	2.33	3	2.80
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.87





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	3	2	3	3	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	3	3	3	2	1	3	3
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.87

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 501	3	3	2	3	2	1	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00
Attainment	2.87	2.39	2.23	2.87	1.75	0.96	2.39	2.87
Average PO Attainment								2.29

V Semester –BGBt

Genetic Engineering and Environmental Biotechnology

COURSE OUTCOMES (COs)

CO1	Understand concepts of genetic engineering.
CO2	Comprehend the electrophoresis techniques.
CO3	Understand the production of Insulin.
CO4	Understand the concept of PCR, blotting techniques and their applications.
CO5	Explain the mechanism of bioremediation.
CO6	Hands on experience

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :		2019-2020	Sem :	V		Name :		Ms Louisena V Priya							
Course Code :		BTT 501				Course :		Genetic Engeneering and Environmental Biotechnology							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE	SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7		7	5	3	10	10	10	10.0	89.0	10	63	90
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	68	97
3	DHANUSH S	S1912004	7		7	5	7	5	10	10	10	10.0	100.0	10	67	96
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	68	97
5	JENNIFER JOY I	S1912006	3	5	5	5		2	10	10	10	10.0	92.0	10	69	99
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	63	90
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	46	66
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	68	97
9	RESHMA SULTHANA	S1912010	5	5	7	10	3		10	10	10	10.0	89.0	10	68	97
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	32	46
11	SHARULATHA M	S1912012	7	5	5	10			10	10	10	10.0	93.0	10	69	99
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	68	97

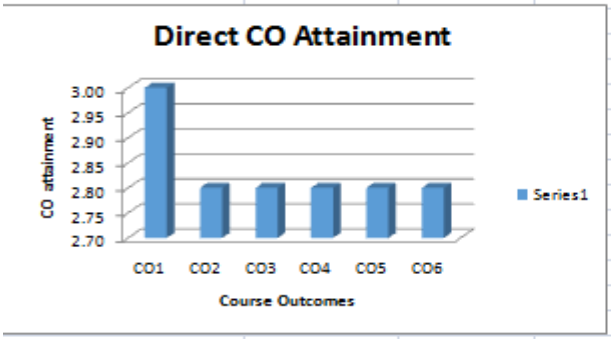
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

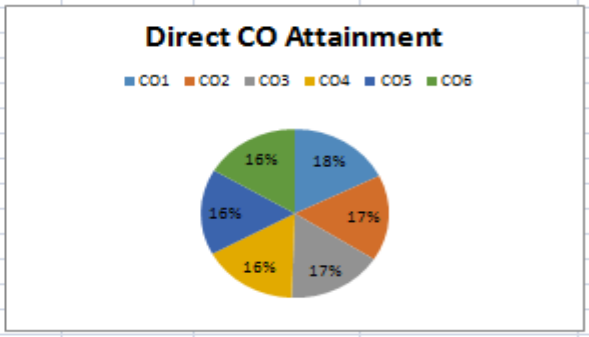
No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	1	3				15		15		13
% of students secured > 60% marks	60	18.2	23.1	38.5	9.09	37.5				100		100.0		86.7
CO Attainment level	3	1	1	1	1	1				3		3		3

Sri Bhagawan Mahaveer Jain First Grade College
(Affiliated to Bengaluru North University)

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.83





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	3	2
CO2	2	2	2	2	2		2	3
CO3	2	3	2	3	2	1	2	3
CO4	2	2	2	3	3		3	2
CO5	3	2	2	2	3	1	3	2
CO6	3	3	1	3	2	3	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.83

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 502	3	3	2	3	2	1	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50
Attainment	2.36	2.36	1.57	2.52	2.05	1.10	2.52	2.36
Average PO Attainment								2.11

V Semester –BGBt

Recombinant DNA Technology

COURSE OUTCOMES (COs)

CO1	Understand the basic concepts of genetic engineering.
CO2	Describe tools and techniques in genetic engineering
CO3	Understand the techniques used to probe for specific gene of interest.
CO4	Understand the methodology of PCR and its application.
CO5	Outline the applications of genetically modified organism.
CO6	Studying the structure of vector molecules.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V	Name :	Ms Laveneya G
Course Code :	BTT 501			Course :	Recombinant DNA Technology

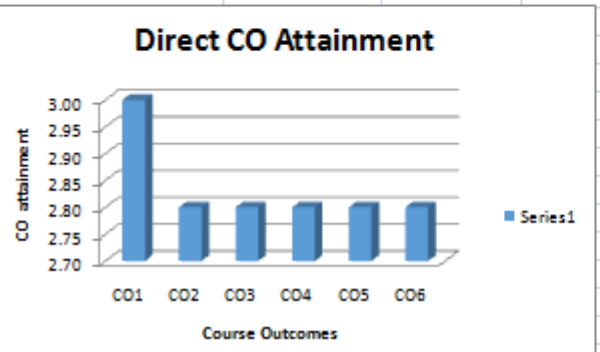
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7	2	7	5	3	10	10	10	10.0	89.0	10	60	86
2	BUELA GRACE P	S1912002	10	3	5	3	2	5	10	10	10	10.0	92.0	10	66	94
3	DHANUSH S	S1912004	7	4	7	5	7	5	10	10	10	10.0	100.0	10	69	99
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	68	97
5	JENNIFER JOY I	S1912006	3	5	5	5	3	2	10	10	10	10.0	92.0	10	67	96
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	55	79
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	57	81
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	61	87
9	RESHMA SULTHANA	S1912010	5	5	7	10	3	6	10	10	10	10.0	89.0	10	63	90
10	SHAKTHI VARMAN S A	S1912011	3	4	3	5	3	6	10	10	10	10.0	89.0	10	52	74
11	SHARULATHA M	S1912012	7	5	5	10	7	3	10	10	10	10.0	93.0	10	66	94
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	63	90

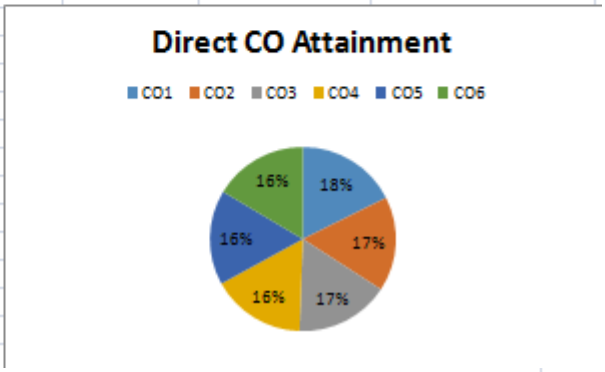
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	2	3				15		15		15
% of students secured > 60% marks	60	13.3	20	33.3	13.3	20				100		100.0		100.0
CO Attainment level	3	1	1	1	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.83





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	3	2
CO2	2	2	2	2	2	3	2	3
CO3	2	3	2	3	2	1	2	3
CO4	2	2	2	3	3	2	3	2
CO5	3	2	2	2	3	1	3	2
CO6	3	3	1	3	2	3	3	3
AVG	2.50	2.50	1.67	2.67	2.17	2.00	2.67	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.83

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 501	3	3	2	3	2	1	3	3
AVG	2.50	2.50	1.67	2.67	2.17	2.00	2.67	2.50
Attainment	2.36	2.36	1.57	2.52	2.05	1.89	2.52	2.36
Average PO Attainment								2.20

V Semester –BGBt

Biochemistry VI

COURSE OUTCOMES (COs)

CO1	Understand concepts of the structure and function of DNA and RNA.
CO2	Comprehend the structure of prokaryotic and eukaryotic gene.
CO3	Understand the regulation of gene expression.
CO4	Understand the inspectional elements and transposons.
CO5	Explain the mechanism of DNA repair.
CO6	Understands the classification, properties and factors affecting enzyme action.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

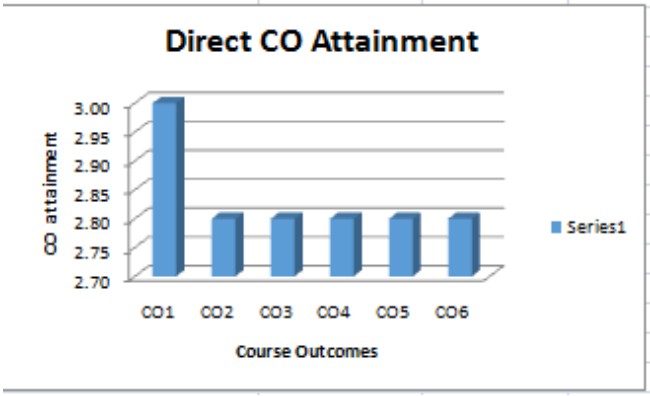
Academic Year :		2019-2020	Sem :	V			Name :		Ms Roselin K							
Course Code :		BCT 502					Course :		Biochemistry VI							
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7		7	5	3	10	10	10	10.0	89.0	10	57	81
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	57	81
3	DHANUSH S	S1912004	7		7	5	7	5	10	10	10	10.0	100.0	10	63	90
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	47	67
5	JENNIFER JOY I	S1912006	3	5	5	5		2	10	10	10	10.0	92.0	10	59	84
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	49	70
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	31	44
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	58	83
9	RESHMA SULTHANA	S1912010	5	5	7	10	3		10	10	10	10.0	89.0	10	57	81
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	30	43
11	SHARULATHA M	S1912012	7	5	5	10			10	10	10	10.0	93.0	10	48	69
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	57	81

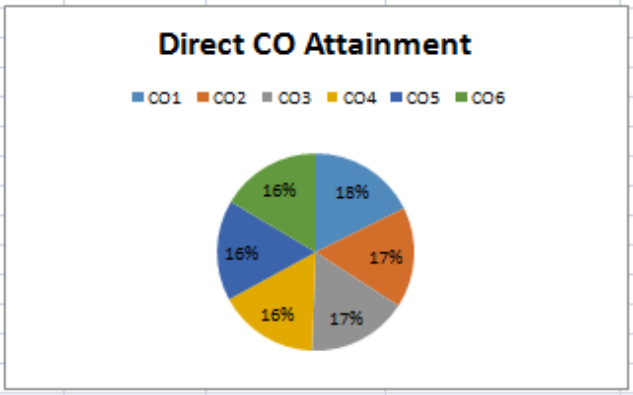
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	1	3				15		15		12
% of students secured > 60% marks	60	18.2	23.1	38.5	9.09	37.5				100		100.0		80.0
CO Attainment level	3	1	1	1	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.83





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	3	2
CO2	2	2	2	2	2		2	3
CO3	2	3	2	3	2	1	2	3
CO4	2	2	2	3	3		3	2
CO5	3	2	2	2	3	1	3	2
CO6	3	3	1	3	2	3	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.83

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BCT 502	3	3	2	3	2	1	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50
Attainment	2.36	2.36	1.57	2.52	2.05	1.10	2.52	2.36
Average PO Attainment								2.11

V Semester –BGBt

Immunology and Animal Biotechnology

COURSE OUTCOMES (COs)

CO1	Understand the concepts of types of defense mechanism, cells and organs involved in Immune system.
CO2	Gain Knowledge on the structure and functions of Antibody, Antigen and their interactions.
CO3	Understand the types, properties and functions of Complement system and Hypersensitivity.
CO4	Gain the basic knowledge on Vaccines and their types.
CO5	Understand and gain knowledge on the techniques involved in Animal Cell culture.
CO6	Understand the importance and applications of Animal Biotechnology.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

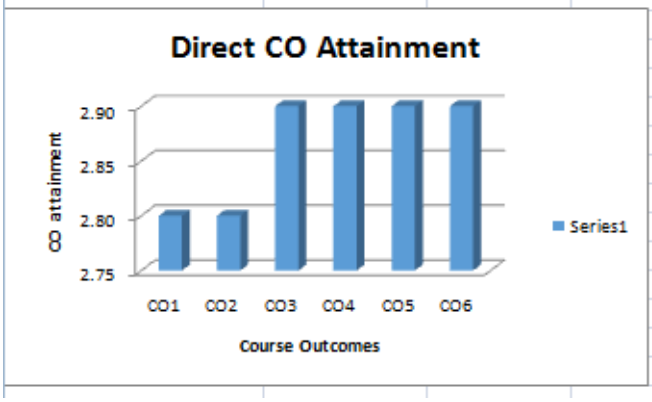
Academic Year :	2019-2020	Sem :	V	Name :	Ms Cinthiya D
Course Code :	BTP 503			Course :	Immunolgy and Animal Biotechnology

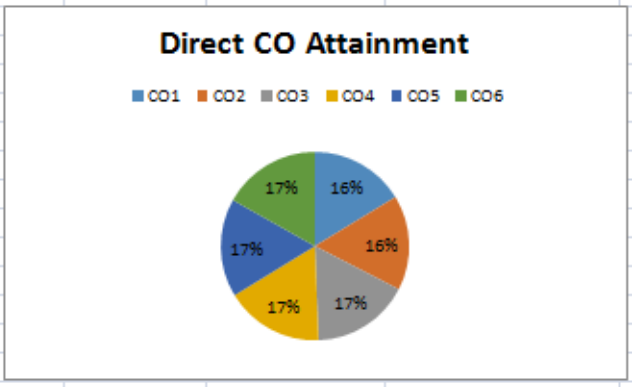
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	5	5	5	10	7	10	10	10	10.0	100.0	10	65	93
2	BUELA GRACE P	S1912002	10	5	5	2	5	5	10	10	10	10.0	96.0	10	49	70
3	DHANUSH S	S1912004	5	5	10	10	10	8	10	10	10	10.0	100.0	10	70	100
4	DIVYA REBECCA D	S1912005	5	5	5	10	5	10	10	10	10	10.0	100.0	10	70	100
5	JENNIFER JOY I	S1912006	5	5	5	2	10	10	10	10	10	10.0	100.0	10	68	97
6	NIVEDITHA R	S1912007	5	5	10	10	10	8	10	10	10	10.0	100.0	10	62	89
7	PRAVEEN M	S1912008	5	5	5	5	5	5	10	10	10	10.0	96.0	10	52	74
8	RAMADEVI N	S1912009	5	10	10	5	5	10	10	10	10	10.0	96.0	10	70	100
9	RESHMA SULTHANA	S1912010	1	9	8	1	5	6	10	10	10	10.0	96.0	10	69	99
10	SHAKTHI VARMAN S A	S1912011	5	5		10	5	5	10	10	10	10.0	85.0	10	46	66
11	SHARULATHA M	S1912012	5		10	5	5	10	10	10	10	10.0	96.0	10	70	100
12	SNEHA R	S1912013	8		6	8	5	4	10	10	10	10.0	97.0	10	63	90

COURSE OUTCOMES (COS) DIRECT ATTAINMENT														
No of students attempted	13	12	12	14	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	3	4	5	7	6	8				15		15		15
% of students secured > 60% marks	23.1	33.3	41.7	50	40	53.3				100		100.0		100.0
CO Attainment level	1	1	2	2	2	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	1	3	3	2.33	3	2.80
CO2	1	3	3	2.33	3	2.80
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.87





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	1	2	3
CO2	3	2	3	3	1		2	3
CO3	3	2	2	3	2	1	2	3
CO4	3	2	2	3	3		3	3
CO5	3	3	3	3	2	1	3	3
CO6	3	3	3	3	2	3	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.87

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 503	3	3	2	3	2	1	3	3
AVG	3.00	2.50	2.33	3.00	1.83	1.00	2.50	3.00
Attainment	2.87	2.39	2.23	2.87	1.75	0.96	2.39	2.87
Average PO Attainment								2.29

V Semester –BGBt

Basic Human Genetics

COURSE OUTCOMES (COs)

CO1	Understanding the role of human genome in health and disease.
CO2	Basic concepts of identifying human chromosome.
CO3	Inheritance of human traits, and pedigree analysis.
CO4	Introducing to eugenics and euthenics to human society
CO5	Types of cancer and molecular basis of cancer biology
CO6	Parental testing method and study of gene therapy.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V	Name :	Ms Laveneya G
Course Code :	GNT 502			Course :	Basic human genetics.

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
5	JENNIFER JOY I	S1912006	3	5	5	5	4	2	10	10	10	10.0	92.0	10	63	90
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	61	87
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	40	57
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	55	79
9	RESHMA SULTHANA	S1912010	5	5	7	10	3	3	10	10	10	10.0	89.0	10	62	89
10	SHAKTHI VARMAN S A	S1912011	3	2	3	5	3	3	10	10	10	10.0	89.0	10	31	44
11	SHARULATHA M	S1912012	7	5	5	10	4	5	10	10	10	10.0	93.0	10	61	87
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	54	77
13	SUVIKSHA S	S1912014	8	3	3	8	2	4	10	10	10	10.0	79.0	10	35	50
14	VARSHINI D	S1912015	10	10	10	5	5	3	10	10	10	10.0	92.0	10	53	76
15	YASHASWINI K	S1912016	10	5	5	3	4	5	10	10	10	10.0	95.0	10	45	64

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	1	3				15		15		12
% of students secured > 60% marks	60	13.3	20	33.3	6.67	20				100		100.0		80.0
CO Attainment level	3	1	1	1	1	1				3		3		3

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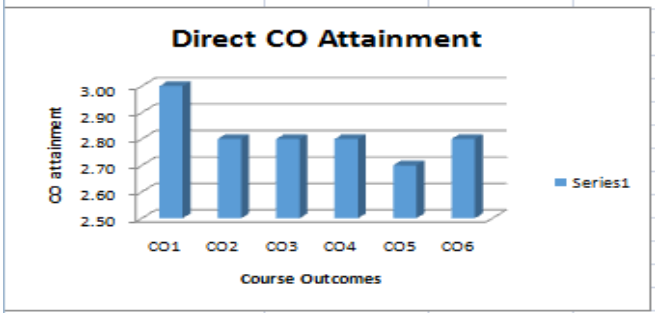
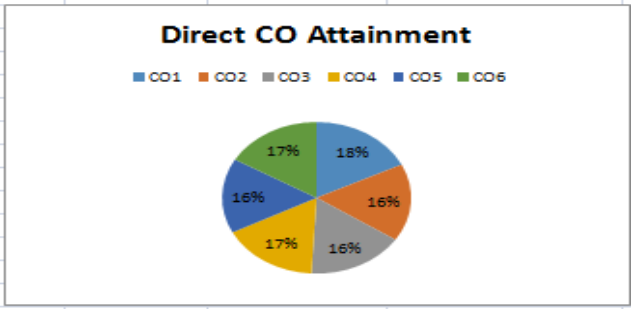
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	2	3	2.00	3	2.70
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.82





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	3	2
CO2	2	2	2	2	2		2	3
CO3	2	3	2	3	2	1	2	3
CO4	2	2	2	3	3		3	2
CO5	3	2	2	2	3	1	3	2
CO6	3	3	1	3	2	3	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.82

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 502	3	3	2	3	2	1	3	3
AVG	2.50	2.50	1.67	2.67	2.17	1.17	2.67	2.50
Attainment	2.35	2.35	1.56	2.50	2.03	1.10	2.50	2.35
Average PO Attainment								2.09

Sri Bhagawan Mahaveer Jain First Grade College
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VI Semester –BGBt

Biochemistry VII

COURSE OUTCOMES (COs)

CO1	Explains the structure and biochemical reactions of biomolecules.
CO2	Describes the chemical reactions in biochemical pathways that produces ATP.
CO3	Understands light and dark reactions of photosynthesis.
CO4	Gains knowledge on metabolism of biomolecules and metabolic disorders.
CO5	Explains nucleic acid metabolism and its disorder.
CO6	Understands the bioenergetics of oxidation of biomolecules.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	VI	Name :	Ms Roselin K
Course Code :	BCT 601			Course :	Biochemistry VII

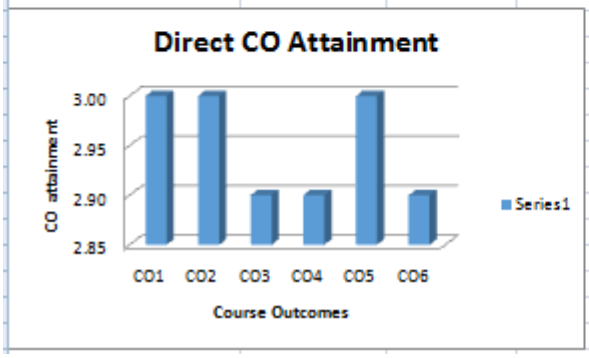
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	5	5	5	10	10	10	10	10	10.0	100.0	10	64	91
2	BUELA GRACE P	S1912002	10	10	5	5	5	3	10	10	10	10.0	100.0	10	61	87
3	DHANUSH S	S1912004	5	5	5	10	10	5	10	10	10	10.0	86.0	10	54	77
4	DIVYA REBECCA D	S1912005		10	10	1	5	5	10	10	10	10.0	86.0	10	60	86
5	JENNIFER JOY I	S1912006	10	10	5	5	5	5	10	10	10	10.0	100.0	10	66	94
6	NIVEDITHA R	S1912007	10		8	8	7		10	10	10	10.0	86.0	10	57	81
7	PRAVEEN M	S1912008		8	9	6		9	10	10	10	10.0	86.0	10	55	79
8	RAMADEVI N	S1912009	9	10	6	8		5	10	10	10	10.0	86.0	10	58	83
9	RESHMA SULTHANA	S1912010	9	10	5		9		10	10	10	10.0	100.0	10	52	74
10	SHAKTHI VARMAN S A	S1912011	10		10	10	9		10	10	10	10.0	60.0	8	44	63
11	SHARULATHA M	S1912012	5	5	9	9			10	10	10	10.0	100.0	10	57	81
12	SNEHA R	S1912013	8		9		10	10	10	10	10	10.0	86.0	10	59	84

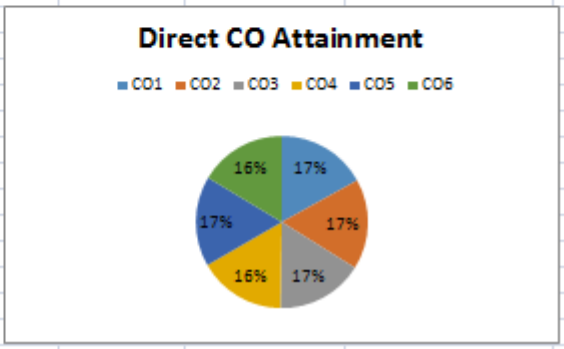
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	12	11	14	12	11	9				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	7	8	5	7	4				15		14		14
% of students secured > 60% marks	75	63.6	57.1	41.7	63.6	44.4				100		93.3		93.3
CO Attainment level	3	3	2	2	3	2				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SEM
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	2	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	3	2	2	2	2	2	2
CO4	3	2	2	3	3		2	3
CO5	3	3	3	3	2	1	3	2
CO6	3	3	3	3	3	3	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.17	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	3	2	3	2	1	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.17	2.33	2.67
Attainment	2.79	2.62	2.29	2.79	2.13	1.15	2.29	2.62
Average PO Attainment								2.34

Sri Bhagawan Mahaveer Jain First Grade College
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VI Semester –BGBt

Biochemistry VIII

COURSE OUTCOMES (COs)

CO1	Understand the concepts of types of defense mechanism, cells and organs involved in Immune system.
CO2	Gain Knowledge on the structure and functions of Antibody, Antigen and their interactions.
CO3	Understand the types, properties and functions of Complement system and Hypersensitivity.
CO4	Understand the concept of food fermentaion.
CO5	Understand concepts and basic principles for screening and selection.
CO6	Comprehend the process of downstream process.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V I	Name :	Ms Daizy F
Course Code :	BCT 602			Course :	Biochemistry VIII

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7		7	5	3	10	10	10	10.0	89.0	10	62	89
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	63	90
3	DHANUSH S	S1912004	7		7	5	7	5	10	10	10	10.0	100.0	10	70	100
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	70	100
5	JENNIFER JOY I	S1912006	3	5	5	5		2	10	10	10	10.0	92.0	10	69	99
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	63	90
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	51	73
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	70	100
9	RESHMA SULTHANA	S1912010	5	5	7	10	3		10	10	10	10.0	89.0	10	68	97
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	46	66
11	SHARULATHA M	S1912012	7	5	5	10			10	10	10	10.0	93.0	10	66	94
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	66	94

COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	1	3				15		15		15
% of students secured > 60% marks	60	18.2	23.1	38.5	9.09	37.5				100		100.0		100.0
CO Attainment level	3	1	1	1	1	1				3		3		3

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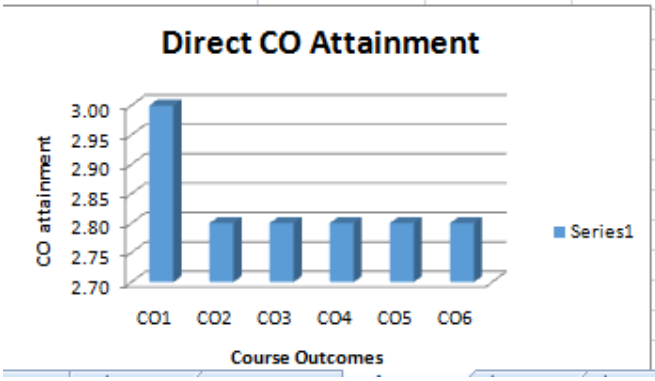
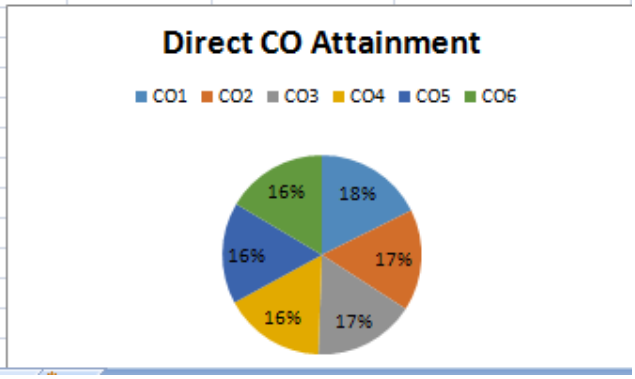
Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.83





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	2	2
CO2	3	2	2	2	2		3	3
CO3	2	2	2	2	2	1	2	3
CO4	2	3	2	3	2		3	2
CO5	3	2	2	2	3	1	2	2
CO6	3	3	1	3	2	3	3	2
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.83

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PHY101	3	3	2	3	2	1	3	3
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33
Attainment	2.52	2.36	1.57	2.36	1.89	1.10	2.36	2.20
Average PO Attainment								2.05

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VI Semester –BGBt

Plant Biotechnology

COURSE OUTCOMES (COs)

CO1	Understand the basic knowledge on the techniques in Plant tissue cultreing.
CO2	Gain Knowledge on the techniques and the significance of Micropropogation and Secondary metabolite production.
CO3	Understand the concepts involved in different organ culture, organogenesis and somatic embryogenesis.
CO4	Comprehend the protoplast culture and the practical application of somatic hybridization.
CO5	Understand and gain knowledge on the techniques involved in the production and the importance of transgenic plants.
CO6	Understand the role of Intellectual Property Rights in Plant Biotechnology.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	VI	Name :	Ms Cinthiya D
Course Code :	BTP 601			Course :	Plant Biotechnology

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	5	5	5	10	10	10	10	10	10.0	100.0	10	59	84
2	BUELA GRACE P	S1912002	10	10	5	5	5	3	10	10	10	10.0	100.0	10	58	83
3	DHANUSH S	S1912004	5	5	5	10	10	5	10	10	10	10.0	86.0	10	63	90
4	DIVYA REBECCA D	S1912005		10	10	1	5	5	10	10	10	10.0	86.0	10	70	100
5	JENNIFER JOY I	S1912006	10	10	5	5	5	5	10	10	10	10.0	100.0	10	68	97
6	NIVEDITHA R	S1912007	10		8	8	7		10	10	10	10.0	86.0	10	56	80
7	PRAVEEN M	S1912008		8	9	6		9	10	10	10	10.0	86.0	10	61	87
8	RAMADEVI N	S1912009	9	10	6	8		5	10	10	10	10.0	86.0	10	63	90
9	RESHMA SULTHANA	S1912010	9	10	5		9		10	10	10	10.0	100.0	10	66	94
10	SHAKTHI VARMAN S A	S1912011	10		10	10	9		10	10	10	10.0	60.0	8	35	50
11	SHARULATHA M	S1912012	5	5	9	9			10	10	10	10.0	100.0	10	59	84
12	SNEHA R	S1912013	8		9		10	10	10	10	10	10.0	86.0	10	52	74

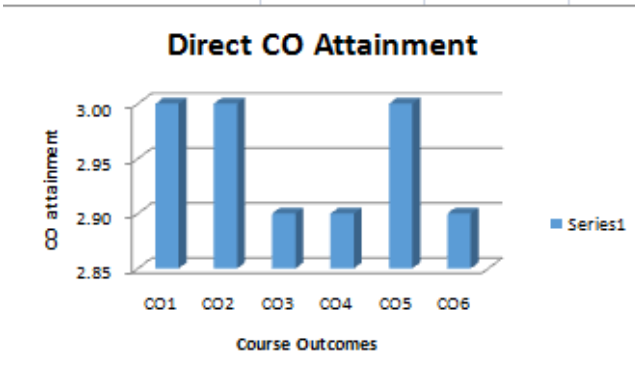
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

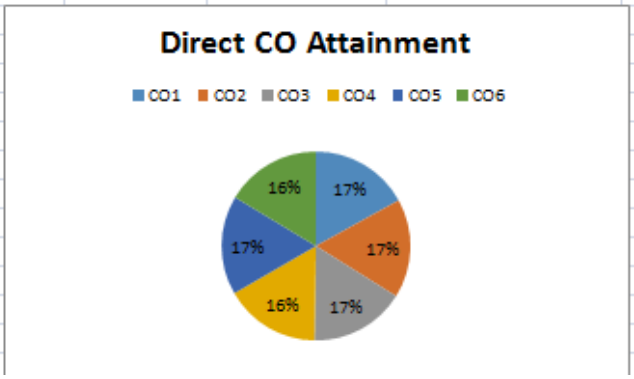
No of students attempted	12	11	14	12	11	9				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	7	8	5	7	4				15		14		13
% of students secured > 60% marks	75	63.6	57.1	41.7	63.6	44.4				100		93.3		86.7
CO Attainment level	3	3	2	2	3	2				3		3		3

Sri Bhagawan Mahaveer Jain First Grade College
(Affiliated to Bengaluru North University)

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	3	3	3	3.00	3	3.00
CO3	2	3	3	2.67	3	2.90
CO4	2	3	3	2.67	3	2.90
CO5	3	3	3	3.00	3	3.00
CO6	2	3	3	2.67	3	2.90
Average CO Attainment						2.95





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	2	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	3	2	2	2	2	2	2
CO4	3	2	2	3	3		2	3
CO5	3	3	3	3	2	1	3	2
CO6	3	3	3	3	3	3	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.17	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.95

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 601	3	3	2	3	2	1	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.17	2.33	2.67
Attainment	2.79	2.62	2.29	2.79	2.13	1.15	2.29	2.62
Average PO Attainment								2.34

Sri Bhagawan Mahaveer Jain First Grade College
(Affiliated to Bengaluru North University)

VI Semester –BGBt

Industrial Biotechnology

COURSE OUTCOMES (COs)

CO1	Understand concepts and basic principles for screening and selection.
CO2	Comprehend the process of downstream process.
CO3	Understand the production of Insulin.
CO4	Understand the concept of food fermentaion.
CO5	Explain the application of fermented foods.
CO6	Hands on experience

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	VI	Name :	Ms Louisena V Priya
Course Code :	BTT 501			Course :	Industrial Biotechnology

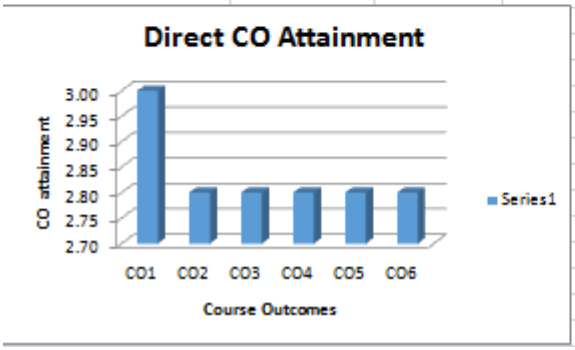
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7		7	5	3	10	10	10	10.0	89.0	10	56	80
2	BUELA GRACE P	S1912002	10		5	3	2		10	10	10	10.0	92.0	10	60	86
3	DHANUSH S	S1912004	7		7	5	7	5	10	10	10	10.0	100.0	10	60	86
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	70	100
5	JENNIFER JOY I	S1912006	3	5	5	5		2	10	10	10	10.0	92.0	10	69	99
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	53	76
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	42	60
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	62	89
9	RESHMA SULTHANA	S1912010	5	5	7	10	3		10	10	10	10.0	89.0	10	66	94
10	SHAKTHI VARMAN S A	S1912011	3		3		3		10	10	10	10.0	89.0	10	38	54
11	SHARULATHA M	S1912012	7	5	5	10			10	10	10	10.0	93.0	10	63	90
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	58	83

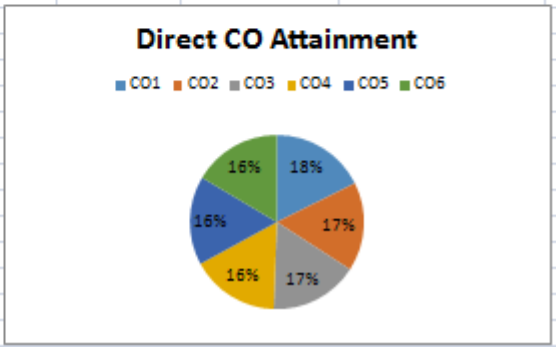
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	11	13	13	11	8				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	5	1	3				15		15		15
% of students secured > 60% marks	60	18.2	23.1	38.5	9.09	37.5				100		100.0		100.0
CO Attainment level	3	1	1	1	1	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment	Direct CO Attainment =(0.3*IE+0.7*SE
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	1	3	3	2.33	3	2.80
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.83





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	2	2
CO2	3	2	2	2	2		3	3
CO3	2	2	2	2	2	1	2	3
CO4	2	3	2	3	2		3	2
CO5	3	2	2	2	3	1	2	2
CO6	3	3	1	3	2	3	3	2
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.83

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
BTT 603	3	3	2	3	2	1	3	3
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33
Attainment	2.52	2.36	1.57	2.36	1.89	1.10	2.36	2.20
verage PO Attainment								2.05

Sri Bhagawan Mahaveer Jain First Grade College
(Affiliated to Bengaluru North University)

VI Semester –BGBt

Development Evolutionary and Biometrical Genetics

COURSE OUTCOMES (COs)

CO1	Introduction to developmental genetics of plants and animals.
CO2	To know the morphological principles for development and reproduction in model organisms.
CO3	Understand the molecular mechanism in developmental genetics.
CO4	To understand the concept of hardy weinberg law..
CO5	Speciation models are introduced to understand the evolutionary process
CO6	Understand quantitative inheritance in kernel colour in wheat.

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	VI	Name :	Ms Laveneya G
Course Code :	GNT 601			Course :	Developmental andevolutionary and biometrical genetics

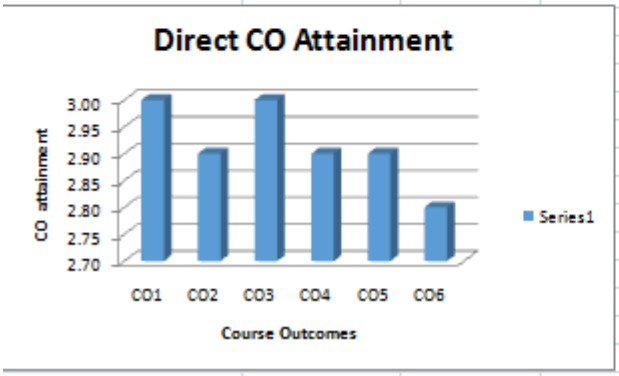
S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	10	5	5	5	10	10	10	10	10	10.0	100.0	10	52	74
2	BUELA GRACE P	S1912002	10	10	5	5	5	3	10	10	10	10.0	100.0	10	56	80
3	DHANUSH S	S1912004	5	5	5	10	10	5	10	10	10	10.0	86.0	10	68	97
4	DIVYA REBECCA D	S1912005	2	10	10	3	5	5	10	10	10	10.0	86.0	10	66	94
5	JENNIFER JOY I	S1912006	10	10	5	5	5	5	10	10	10	10.0	100.0	10	55	79
6	NIVEDITHA R	S1912007	10	5	8	8	8	8	10	10	10	10.0	86.0	10	33	79
7	PRAVEEN M	S1912008	6	8	9	6	4	9	10	10	10	10.0	86.0	10	53	76
8	RAMADEVI N	S1912009	9	10	6	8	6	5	10	10	10	10.0	86.0	10	58	83
9	RESHMA SULTHANA	S1912010	9	10	5	3	9	5	10	10	10	10.0	100.0	10	54	77
10	SHAKTHI VARMAN S A	S1912011	10	3	10	10	6	6	10	10	10	10.0	60.0	8	42	60
11	SHARULATHA M	S1912012	5	5	9	9	5	6	10	10	10	10.0	100.0	10	57	81
12	SNEHA R	S1912013	8	4	9	6	10	10	10	10	10	10.0	86.0	10	65	93

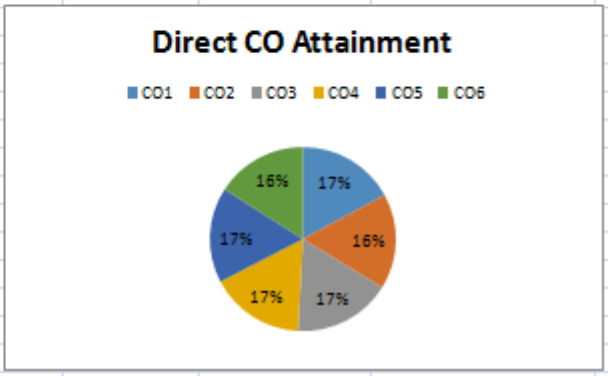
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	8	9	6	6	4				15		14		14
% of students secured > 60% marks	60	53.3	60	40	40	26.7				100		93.3		93.3
CO Attainment level	3	2	3	2	2	1				3		3		3

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	2	3	3	2.67	3	2.90
CO3	3	3	3	3.00	3	3.00
CO4	2	3	3	2.67	3	2.90
CO5	2	3	3	2.67	3	2.90
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.92





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	2	1	2	3
CO2	2	2	3	3	1		2	3
CO3	3	3	2	2	2	2	2	2
CO4	3	2	2	3	3	2	2	3
CO5	3	3	3	3	2	1	3	2
CO6	3	3	3	3	3	3	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.50	2.33	2.67

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.92

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 601	3	3	2	3	2	1	3	3
AVG	2.83	2.67	2.33	2.83	2.17	1.50	2.33	2.67
Attainment	2.75	2.59	2.27	2.75	2.11	1.46	2.27	2.59
Average PO Attainment								2.35

VI Semester –BGBt

Applied and Behavioral Genetics

COURSE OUTCOMES (COs)

CO1	Able to describe the concept of DNA fingerprinting and DNA typing.
CO2	To know the principles behind DNA fingerprinting methodologies using molecular markers.
CO3	Understand the production of Insulin.
CO4	Understand the history and scope of bioinformatics.
CO5	Explain the behavioral pattern of honey bee,drosophila and ant.
CO6	To understand the concept of heterosis .

CO ATTAINMENT - IA TEST MARKS + ASSIGNMENT + ATTENDENCE + END SEM EXAMINATION MARKS

Academic Year :	2019-2020	Sem :	V I	Name :	Ms Laveneya G
Course Code :	GNT 602			Course :	Applied and Behavioural genetics.

S. No	Name of the Student	Register No	IA TEST						ASSIGNMENT				ATTENDENCE		SEE	
			Q1	Q2	Q3	Q4	Q5	Q6	A1	A2	A3	AVERAGE	%	MARKS	MARKS	%
			CO1	CO2	CO3	CO4	CO5	CO6								
		Max. Marks	10	10	10	10	10	10	10	10	10	10		10	70	
1	AFSHAN TASNEEM W	S1912001	8	7	3	7	5	3	10	10	10	10.0	89.0	10	40	57
2	BUELA GRACE P	S1912002	10	5	6	3	2	7	10	10	10	10.0	92.0	10	58	83
3	DHANUSH S	S1912004	7	2	7	5	7	5	10	10	10	10.0	100.0	10	65	93
4	DIVYA REBECCA D	S1912005	5	5	3	8	5	5	10	10	10	10.0	97.0	10	61	87
5	JENNIFER JOY I	S1912006	3	5	5	5	7	2	10	10	10	10.0	92.0	10	65	93
6	NIVEDITHA R	S1912007	10	5	5	5	5	10	10	10	10	10.0	92.0	10	50	71
7	PRAVEEN M	S1912008	3	5	5	5	5	10	10	10	10	10.0	95.0	10	42	60
8	RAMADEVI N	S1912009	3	5	5	5	5	8	10	10	10	10.0	89.0	10	58	83
9	RESHMA SULTHANA	S1912010	5	5	7	10	3	5	10	10	10	10.0	89.0	10	60	86
10	SHAKTHI VARMAN S A	S1912011	3	5	3	7	3	5	10	10	10	10.0	89.0	10	48	69
11	SHARULATHA M	S1912012	7	5	5	10	4	5	10	10	10	10.0	93.0	10	61	87
12	SNEHA R	S1912013	10	5	5	5	5	5	10	10	10	10.0	89.0	10	58	83

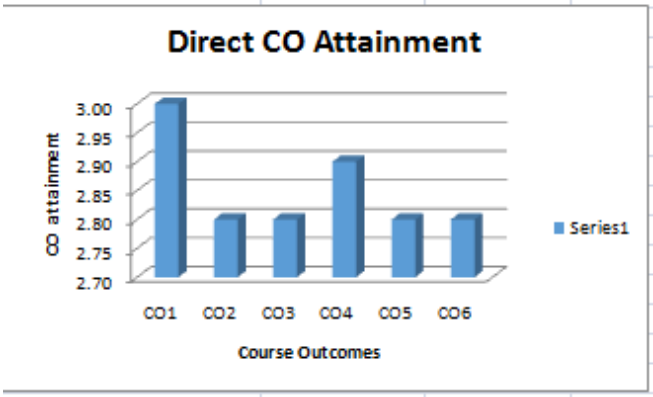
COURSE OUTCOMES (COS) DIRECT ATTAINMENT

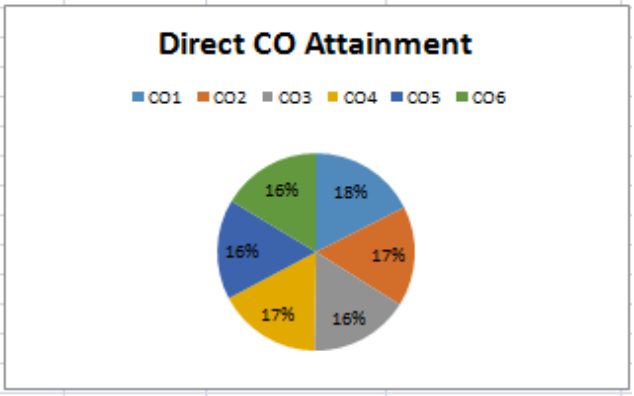
No of students attempted	15	15	15	15	15	15				15		15		15
No of students secured > 60% of marks in IA, Assignment & Attendence and >50% marks in SEE	9	2	3	6	4	5				15		15		15
% of students secured > 60% marks	60	13.3	20	40	26.7	33.3				100		100.0		100.0
CO Attainment level	3	1	1	2	1	1				3		3		3

Sri Bhagawan Mahaveer Jain First Grade College
(Affiliated to Bengaluru North University)

Computation of Course Outcomes (COs) Direct Attainment

Course Outcomes (COs)	Assesment Tool (Internal Exam+Assignment+Attendence+Sem Exam)					
	Internal Exam	Assignment	Attendence	Average Attainment Level	Sem End Exam Attainment Level	Direct CO Attainment =(0.3*IE+0.7*SEM)
CO1	3	3	3	3.00	3	3.00
CO2	1	3	3	2.33	3	2.80
CO3	1	3	3	2.33	3	2.80
CO4	2	3	3	2.67	3	2.90
CO5	1	3	3	2.33	3	2.80
CO6	1	3	3	2.33	3	2.80
Average CO Attainment						2.85





Mapping of Course Outcomes (COs) and Program Outcomes (POs)

Note: 1 = Slight/Low 2 = Moderate/Medium 3 = Strong/High

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	1	3	1	2	2	2
CO2	3	2	2	2	2		3	3
CO3	2	2	2	2	2	1	2	3
CO4	2	3	2	3	2		3	2
CO5	3	2	2	2	3	1	2	2
CO6	3	3	1	3	2	3	3	2
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33

Program Outcomes (POs) Direct Attainment

Average CO Attainment = 2.85

Attainment = (AVG* Average CO Attainment)/3

Course Outcomes (COs)	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
GNT 602	3	3	2	3	2	1	3	3
AVG	2.67	2.50	1.67	2.50	2.00	1.17	2.50	2.33
Attainment	2.53	2.38	1.58	2.38	1.90	1.11	2.38	2.22
verage PO Attainment								2.06