



MEENAKSHI CHANDRASEKARAN COLLEGE OF ARTS AND SCIENCE

(Affiliated to Bharathidasan University, Tiruchirappalli- 620 024.)

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

Thanjavur Main Road, Karambayam, Pattukkottai - 614626.

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PG DEPARTMENT OF COMPUTER SCIENCE ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

PROGRAM OUTCOME

PO1	An ability to comprehend the basic concepts learnt and apply in real life situations with analytical skills.
PO2	An ability to apply mathematical foundation, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoff involved in the design choices.
PO3	An ability to apply design and development principles in the construction of software systems of varying complexity.
PO4	An ability to acquire knowledge of modern software tools will be able to contribute effectively as a software engineers.
PO5	An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME: Dr.N.SHANMUGAPRIYA M.Sc.,M.Phil., Ph.D.,

COURSE : CLOUD COMPUTING - 16SMBECS2:2
COURSE OUTCOME

CO1	Introduction to Cloud Computing, Move to Cloud Computing, Types, Working of Cloud Computing.
CO2	Understanding Cloud Computing Architecture,Cloud Modeling and Design, Virtualization.
CO3	Describes Data Storage , Cloud Storage from LANs to WANs, Cloud Computing Services, Cloud Computing at Work.
CO4	Describes the Risks in Cloud Computing, Data Security, Security Services, Tools : Tools and Technologies for Cloud, Cloud Mashaps, Apache Hadoop.
CO5	Understanding Cloud Applications, Microsoft, Google, Amazon cloud, Cloud Applications

PO → CO↓	PO2	PO3	PO4	PO5
CO1	2	2	2	2
CO2	2	3	3	1
CO3	3	2	3	3
CO4	2	2	3	1
CO5	3	3	3	2
AVERAGE	2.4	2.4	2.8	1.8

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 176851	AARTHI. N	5	4	4	4	5	22	88
2	CB16S 176852	ABINA. M	5	5	5	4	5	24	96
3	CB16S 176853	ABINAYA. A	5	5	4	4	5	23	92
4	CB16S 176854	ABINAYA. M	4	3	4	4	4	19	76
5	CB16S 176855	ANITHA. R	4	3	4	3	4	18	72
6	CB16S 176856	ANUSUYA. V	5	4	4	4	5	22	88
7	CB16S 176857	ARCHANA. D	4	4	4	4	5	21	84
8	CB16S 176858	BAKYA. V	5	5	4	4	5	23	92
9	CB16S 176859	BHUVANESHWARI. S	4	3	4	3	4	18	72
10	CB16S 176860	CHITRADEVI. S	5	5	5	5	5	25	100

11	CB16S 176861	DOSHIYA. V	5	5	5	4	5	24	96
12	CB16S 176862	GEETHA. D	5	5	5	5	5	25	100
13	CB16S 176863	GOMATHI. G	4	3	4	3	4	18	72
14	CB16S 176864	GOVIYA. R	4	3	3	3	4	17	68
15	CB16S 176865	JOTHIKA. S	4	4	4	4	5	21	84
16	CB16S 176866	KABILA. G	4	3	4	4	4	19	76
17	CB16S 176867	KARPAGAVALLI. L	5	5	5	5	5	25	100
18	CB16S 176868	KAVIMALAR. M	5	5	5	5	5	25	100
19	CB16S 176869	KAVIPRIYA. A	5	5	5	4	5	24	96
20	CB16S 176870	KAVIYAPRIYA. S	3	3	3	3	4	16	64
21	CB16S 176871	KEERTHANA.R	5	5	5	4	5	24	96
22	CB16S 176872	KIRUTHIKA. V	5	5	5	5	5	25	100
23	CB16S 176873	MAHALAKSHMI. M	4	3	4	3	4	18	72
24	CB16S 176874	MAHALAKSHMI. T	5	5	5	4	5	24	96
25	CB16S 176875	MANJULA. S	5	5	5	5	5	25	100
26	CB16S 176876	MARIA ROSITTA. M	5	5	5	5	5	25	100
27	CB16S 176877	MATHUMATHI. D	5	4	4	4	5	22	88
28	CB16S 176878	MOUSHMI. M	3	4	3	4	4	18	72
29	CB16S 176879	NADEESWARI. J	4	3	3	3	4	17	68
30	CB16S 176880	NAJEEHA. S	5	4	4	4	5	22	88
31	CB16S 176881	NIFASATH. N	5	5	5	5	5	25	100
32	CB16S 176882	NIKALYA. P	5	5	4	4	5	23	92
33	CB16S 176883	NIVIYA. G	5	4	4	4	5	22	88
34	CB16S 176884	PRIYADHARSHINI. V	5	5	5	4	5	24	96
35	CB16S 176885	RAMA DEVI. C	5	5	4	4	5	23	92
36	CB16S 176886	REESMAN. M	4	3	4	4	4	19	76
37	CB16S 176887	SANGEETHA.C	4	3	4	3	4	18	72
38	CB16S 176888	SANTHIYA. K	5	4	4	4	5	22	88
39	CB16S 176889	SARADHAPRIYA. S	4	4	4	4	5	21	84
40	CB16S 176890	SARANYA. P	5	5	4	4	5	23	92
41	CB16S 176891	SARANYA. R	4	3	4	3	4	18	72

42	CB16S 176892	SAROJA. P	5	5	5	5	5	25	100
43	CB16S 176894	SHALINI. N	5	5	5	4	5	24	96
44	CB16S 176895	SINDHU. B	5	5	5	5	5	25	100
45	CB16S 176896	SIVALAKSHMI. P	4	3	4	3	4	18	72
46	CB16S 176897	SOUNDHARYA. M	4	3	3	3	4	17	68
47	CB16S 176898	SUBATHRA. B	4	4	4	4	5	21	84
48	CB16S 176899	SUSI. V	4	3	4	4	4	19	76
49	CB16S 176900	SWATHI. M	5	5	5	5	5	25	100
50	CB16S 176901	THABU. R	5	5	5	5	5	25	100
51	CB16S 176902	VANITHA. E	5	5	5	4	5	24	96
52	CB16S 176903	VIGNESHWARI. S	5	5	5	5	5	25	100
53	CB16S 176904	VINOTHINI. T	4	3	4	3	4	18	72
54	CB16S 176905	YAZHINI. M	5	5	5	5	5	25	100
AVERAGE			4.57	4.20	4.31	4.03	4.68		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	TOTAL	%
CO1	4.57	4.57	5.38
CO2	4.2	4.2	4.94
CO3	4.31	4.31	5.07
CO4	4.03	4.03	4.74
CO5	4.68	4.68	5.51

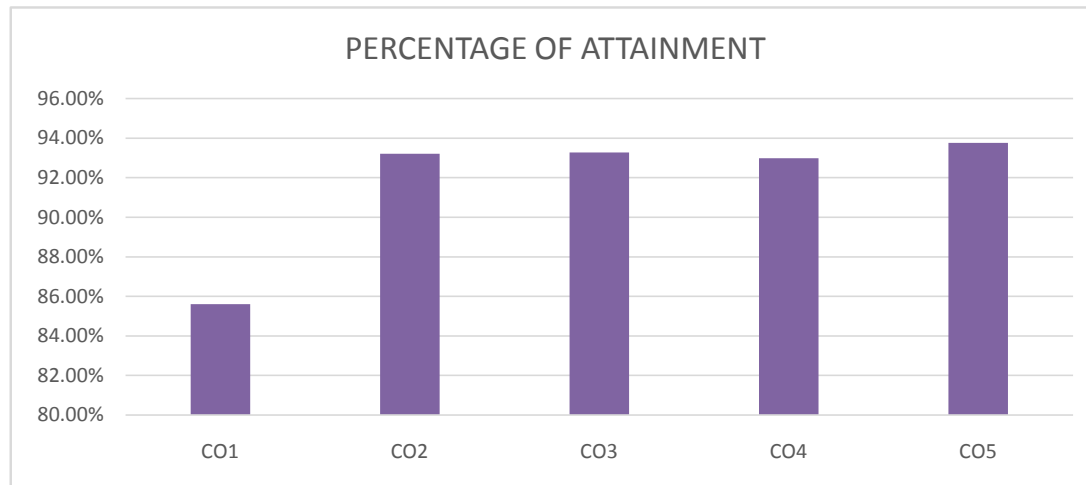
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: CLOUD COMPUTING

SUBJECT CODE: 16SMBECS2:2

NO. OF STUDENTS: 54

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	85.60%
CO2	93.20%
CO3	93.27%
CO4	92.98%
CO5	93.75%



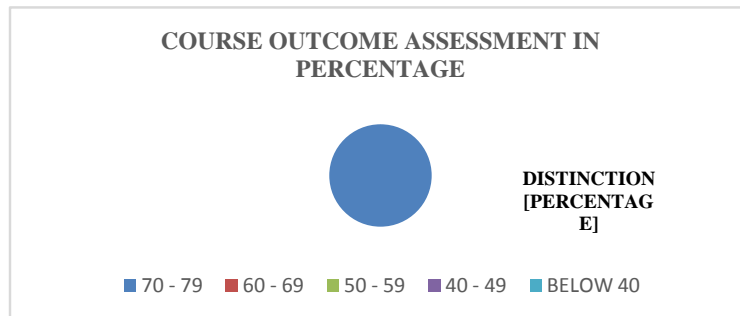
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: CLOUD COMPUTING

SUBJECT CODE: 16SMBECS2:2

NO. OF STUDENTS: 54

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA
COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA



**PG DEPARTMENT OF COMPUTER SCIENCE
ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES**

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STAFF NAME: Mr.C.VENKATESHWARAN M.C.A.,M.Phil.,

COURSE : COMPUTER NETWORKS- 16SCCCS6

COURSE OUTCOME

CO1	Describes the Data Communications Networks, Network Models, The OSI Model, Multiplexing, Transmission Media, SwitchingPacket.
CO2	Understanding the concepts of Data Link Layer, Wireless Networks, Bluetooth, Cellular Telephone, Satellite network, Connection devices.

CO3	Understanding the concepts of Network Layer Services, performance, Routing Algorithms, IPV6 Addressing.
CO4	Describes the concepts of Transport Layer, User Datagram Protocol, TCP, Flow Control, Error Control, TCP Congestion Control, TCP timers.
CO5	Understanding about Application Layers , Word Wide Web & HTTP , FTP Email , DNS

PO → CO↓	PO2	PO3	PO4	PO5
CO1	3	2	2	2
CO2	2	2	2	2
CO3	3	2	2	2
CO4	3	2	2	2
CO5	3	3	3	2
AVERAGE	2.8	2.2	2.2	2

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO3		1	1
CO4		1	1
CO5		1	1
TOTAL		5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 176851	AARTHI. N	5	5	5	5	4	24	96
2	CB16S 176852	ABINA. M	5	5	5	5	5	25	100
3	CB16S 176853	ABINAYA. A	4	5	5	4	4	22	88
4	CB16S 176854	ABINAYA. M	3	2	3	2	2	12	48
5	CB16S 176855	ANITHA. R	4	4	4	2	2	16	64
6	CB16S 176856	ANUSUYA. V	3	3	2	2	2	12	48
7	CB16S 176857	ARCHANA. D	3	2	3	2	2	12	48
8	CB16S 176858	BAKYA. V	5	5	4	5	5	24	96
9	CB16S 176859	BHUVANESHWARI. S	3	2	2	2	2	11	44
10	CB16S 176860	CHITRADEVI. S	5	5	5	5	5	25	100
11	CB16S 176861	DOSHIYA. V	5	4	5	5	4	23	92
12	CB16S 176862	GEETHA. D	5	5	5	5	5	25	100
13	CB16S 176863	GOMATHI. G	3	2	2	2	2	11	44
14	CB16S 176864	GOVIYA. R	3	2	3	2	2	12	48
15	CB16S 176865	JOTHIKA. S	4	5	5	4	4	22	88
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18	CB16S 176868	KAVIMALAR. M	5	3	5	5	4	22	88
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25	CB16S 176875	MANJULA. S	5	5	5	5	5	25	100
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29	CB16S 176879	NADEESWARI. J	2	2	2	2	2	10	40
30	CB16S 176880	NAJEEHA. S	5	5	5	5	4	24	96
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43	CB16S 176894	SHALINI. N	5	5	5	5	5	25	100
44	CB16S 176895	SINDHU. B	3	2	2	2	2	11	44
45	CB16S 176896	SIVALAKSHMI. P	3	2	3	2	2	12	48
46	CB16S 176897	SOUNDHARYA. M	4	5	5	4	4	22	88
47	CB16S 176898	SUBATHRA. B	3	2	3	2	2	12	48
48	CB16S 176899	SUSI. V	4	4	4	2	2	16	64
49	CB16S 176900	SWATHI. M	5	3	5	5	4	22	88
50	CB16S 176901	THABU. R	5	3	5	5	4	22	88
51	CB16S 176902	VANITHA. E	3	2	2	2	2	11	44

52	CB16S 176903	VIGNESHWARI. S	5	5	5	5	5	25	100
53	CB16S 176904	VINOTHINI. T	5	5	5	5	5	25	100
54	CB16S 176905	YAZHINI. M	3	3	2	2	2	12	48
AVERAGE			3.96	3.64	3.852	3.481	3.352		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	TOTAL	%
CO1	3.96	3.96	4.6588
CO2	3.64	3.64	4.2824
CO3	3.85	3.85	4.5294
CO4	3.48	3.48	4.0941
CO5	3.35	3.35	3.9412

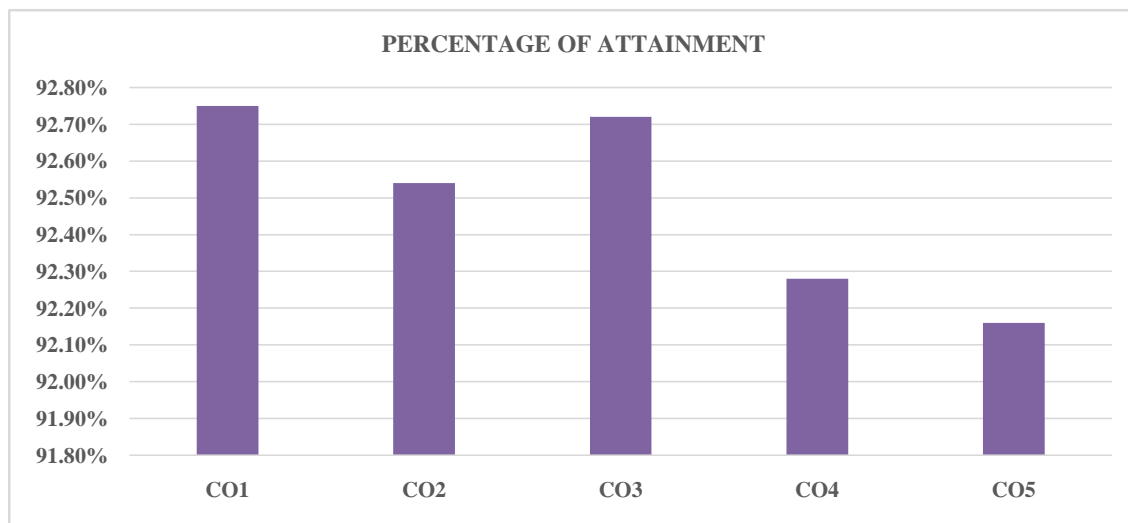
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: COMPUTER NETWORKS

SUBJECT CODE: 16SCCCS6

NO. OF STUDENTS: 54

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.75%
CO2	92.54%
CO3	92.72%
CO4	92.28%
CO5	92.16%



COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

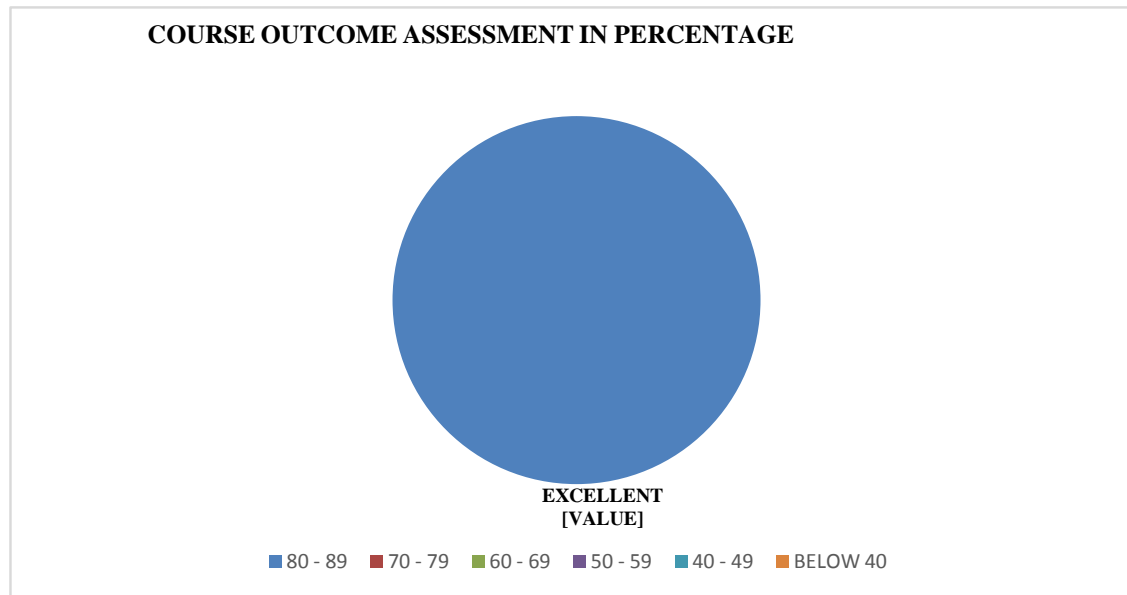
SUBJECT NAME: COMPUTER NETWORKS

SUBJECT CODE: 16SCCCS6

NO. OF STUDENTS: 54

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
80 - 89	EXCELLENT
70 - 79	DISTINCTION
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STAFF NAME: Ms.M.REVATHI M.Sc., M.Phil.,

COURSE : OPERATING SYSTEMS - 16SCCCS8

COURSE OUTCOME

CO1	Describes Introduction to Operating System, History, Types, Development, Object-Oriented Design.
CO2	Understanding Memory Management - Early Memory, Partitions, Virtual memory.

CO3	Describes Processor Management , Multi-Core Technologies, Dead Locks, Concurrent Processes.
CO4	Describes Device Management, Types of Devices, Storage, Components of IO and management of IO.
CO5	Understanding File Management, Physical Storage Allocation, Access Methods, Access Control.

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

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO3		1	1
CO4		1	1
CO5		1	1
TOTAL		5	5

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52	CB16S 176903	VIGNESHWARI. S	4	5	5	5	5	24	96
53	CB16S 176904	VINOTHINI. T	4	5	5	5	5	24	96
54	CB16S 176905	YAZHINI. M	4	5	4	4	5	22	88
AVERAGE			4.167	4.296	4.093	4.019	4.444		

EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT		TOTAL	%
CO1	4.17		4.17	4.9059
CO2	4.3		4.3	5.0588
CO3	4.09		4.09	4.8118
CO4	4.02		4.02	4.7294
CO5	4.44		4.44	5.2235

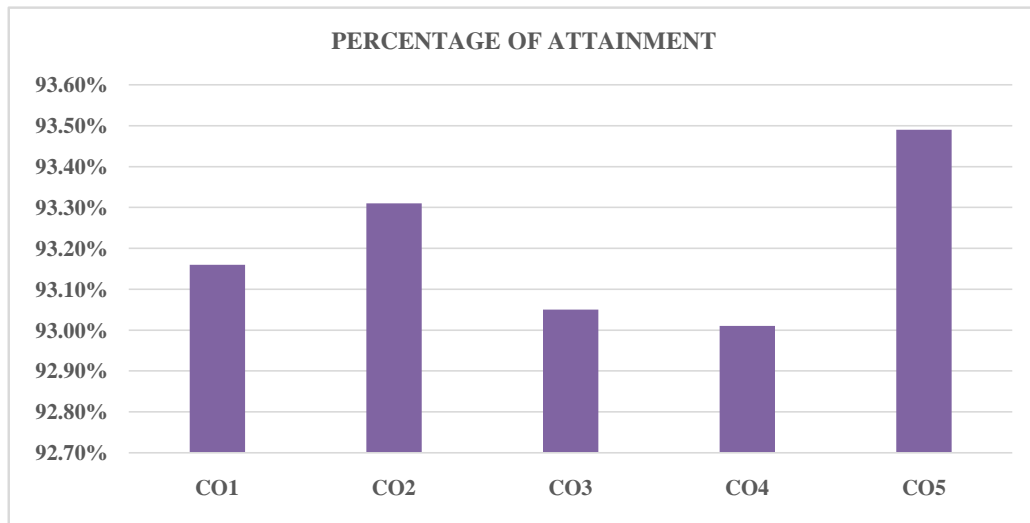
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: OPERATING SYSTEMS

SUBJECT CODE: 16SCCCS8

NO. OF STUDENTS: 54

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.16%
CO2	93.31%
CO3	93.05%
CO4	93.01%
CO5	93.49%



COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

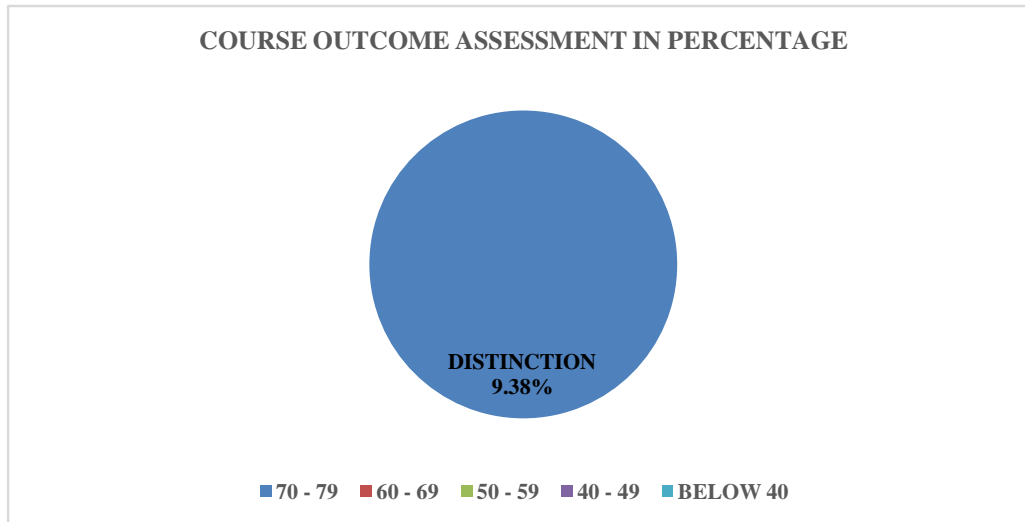
SUBJECT NAME: OPERATING SYSTEMS

SUBJECT CODE: 16SCCCS8

NO. OF STUDENTS: 54

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA



PG DEPARTMENT OF COMPUTER SCIENCE
ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES

PROGRAM OUTCOME

PO1	An ability to comprehend the basic concepts learnt and apply in real life situations with analytical skills.
PO2	An ability to apply mathematical foundation, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoff involved in the design choices.
PO3	An ability to apply design and development principles in the construction of software systems of varying complexity.
PO4	An ability to acquire knowledge of modern software tools will be able to contribute effectively as a software engineers.
PO5	An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME:Ms.C.SINDHU M.Sc., M.Phil.,

COURSE : PROGRAMMING IN C- 16SCCCS1
COURSE OUTCOME

CO1	Understanding the basic concepts of C like constants, variables, data types operators and expressions.
CO2	Understanding the concepts of managing input output operations, decision making, branching and looping.

CO3	Understanding the concepts of character Arrays and Strings, User defined Functions.
CO4	Describes the concepts of Structures and Unions and Pointers.
CO5	Understanding about Dynamic memory allocation, Linked lists and Preprocessors.

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

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO4		1	1
CO5		1	1
TOTAL		5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB18S 187556	ABARNASHREE.J	3	4	4	2	2	15	60
2	CB18S 187557	ABINAYA.R	2	4	4	3	2	15	60
3	CB18S 187558	ABINAYASUNDARI.B	4	4	4	4	4	20	80
4	CB18S 187559	ABINESHWARI.N	3	3	4	3	4	18	72
5	CB18S 187560	ASHMIYA.T	3	4	4	3	3	18	72
6	CB18S 187561	ASRIN FATHIMA.A	5	5	5	5	5	25	100
7	CB18S 187562	BAVIKANNA.S	4	4	3	3	3	17	68
8	CB18S 187563	DEEPIKASRI.P	4	3	4	3	3	17	68
9	CB18S 187564	ESTHERNANCY.P	5	5	4	5	5	24	96
10	CB18S 187566	GAYATHRI.R	3	2	3	2	2	12	48
11	CB18S 187567	JAYADEVI.K	4	4	4	4	4	20	80
12	CB18S 187568	KALAIVANI.V	5	5	5	5	5	25	100
13	CB18S 187569	KALPANADEVIL.G	5	5	5	5	5	25	100
14	CB18S 187570	KEERTHANA.S	5	5	5	5	5	25	100
15	CB18S 187572	MUTHULAKSHMI.P	3	4	4	3	4	18	72
16	CB18S 187573	MUTHUSELVI.N	3	3	3	2	2	13	52
17	CB18S 187574	NANTHINI.M	3	4	4	3	4	18	72
18	CB18S 187575	NITHYASRI.V	5	5	5	5	5	25	100
19	CB18S 187576	NIVETHA.R	4	4	3	3	3	17	68
20	CB18S 187577	PRAVINA.S	3	3	4	3	4	18	72
21	CB18S 187578	PRIYADHARSHINI.J	4	5	4	4	5	22	88

22	CB18S 187579	PRIYADHARSHINI.S (21.01.2001)	5	4	4	5	4	22	88
23	CB18S 187580	PRIYADHARSHINI.S (27.12.2000)	5	5	5	5	5	25	100
24	CB18S 187581	RAJONI.R	4	4	3	3	3	17	68
25	CB18S 187582	RASIKA.R	4	4	4	4	4	20	80
26	CB18S 187583	SANTHIYA.S	5	4	5	5	5	24	96
27	CB18S 187584	SELCIYA.S	5	5	5	5	5	25	100
28	CB18S 187585	SEMPARUTHI.S	4	4	4	4	4	20	80
29	CB18S 187586	SHAHEEN BANU.M	3	4	4	2	2	15	60
30	CB18S 187587	SNEKA.G	2	4	4	3	2	15	60
31	CB18S 187588	SNEKA.S	4	4	4	4	4	20	80
32	CB18S 187589	SRILEKHA.M	3	3	4	3	4	18	72
33	CB18S 187590	SUBASHINI.M	3	4	4	3	3	18	72
34	CB18S 187591	SUBASRI.M	5	5	5	5	5	25	100
35	CB18S 187592	VINOTHINI.K	4	4	3	3	3	17	68
36	CB18S 187593	YUVASRI.G	4	3	4	3	3	17	68
AVERAGE			3.889	4.056	4.083	3.667	3.75		

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+		TOTAL	%
CO1	3.89		3.89	4.5765
CO2	4.06		4.06	4.7765
CO3	4.08		4.08	4.8
CO4	3.67		3.67	4.3176
CO5	3.75		3.75	4.4118

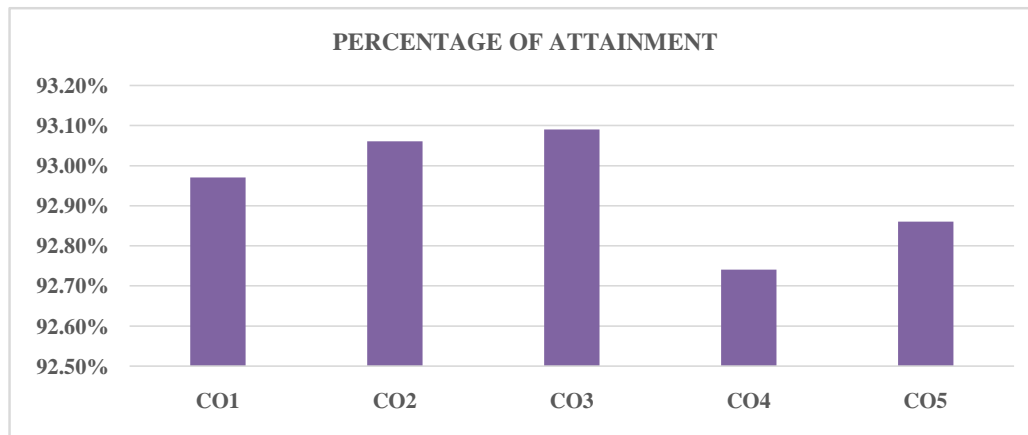
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN C

SUBJECT CODE: 16SCCCS1

NO. OF STUDENTS: 36

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.97%
CO2	93.06%
CO3	93.09%
CO4	92.74%
CO5	92.86%



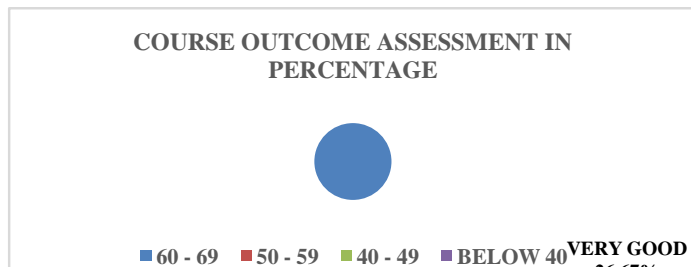
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN C

SUBJECT CODE: 16SCCCS1

NO. OF STUDENTS: 36

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA
COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA



26.67%

PROGRAM OUTCOME

PO1	An ability to comprehend the basic concepts learnt and apply in real life situations with analytical skills.
PO2	An ability to apply mathematical foundation, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoff involved in the design choices.
PO3	An ability to apply design and development principles in the construction of software systems of varying complexity.
PO4	An ability to acquire knowledge of modern software tools will be able to contribute effectively as a software engineers.
PO5	An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME: Ms.P.SELVARANI M.Sc., M.Phil.,

COURSE : PROGRAMMING IN C++ - 16SCCCS2 COURSE OUTCOME

CO1	Describes the procedural and object oriented paradigm with the concepts, benefits, applications functions.
CO2	Understanding the classes and objects, constructors & destructors, operator overloading.
CO3	Understanding the concepts of Inheritance, pointers, and polymorphism.
CO4	Describes the concepts of managing console I/O operations, files and exception handling.
CO5	Understanding about manipulating strings and Object oriented systems development.

PO → CO↓	PO2	PO3	PO4	PO5
CO1	2	2	2	0
CO2	3	3	2	1
CO3	3	3	3	0
CO4	2	3	3	0
CO5	3	3	3	0
AVERAGE	2.6	2.8	2.6	0.2

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB18S 187556	ABARNASHREE.J	3	2	2	3	2	12	48
2	CB18S 187557	ABINAYA.R	2	3	2	2	3	12	48
3	CB18S 187558	ABINAYASUNDARI.B	3	4	5	3	5	20	80
4	CB18S 187559	ABINESHWARI.N	5	3	4	5	5	22	88
5	CB18S 187560	ASHMIYA.T	2	2	2	3	2	11	44
6	CB18S 187561	ASRIN FATHIMA.A	5	5	5	5	5	25	100
7	CB18S 187562	BAVIKANNA.S	2	2	2	3	2	11	44
8	CB18S 187563	DEEPIKASRI.P	2	2	3	3	2	12	48
9	CB18S 187564	ESTHERNANCY.P	4	5	5	3	4	21	84
10	CB18S 187566	GAYATHRI.R	3	3	3	3	3	15	60
11	CB18S 187567	JAYADEVI.K	5	4	5	4	5	23	92
12	CB18S 187568	KALAIVANI.V	5	5	5	5	5	25	100
13	CB18S 187569	KALPANADEVI.G	5	5	5	5	5	25	100
14	CB18S 187570	KEERTHANA.S	3	3	2	2	2	12	48
15	CB18S 187572	MUTHULAKSHMI.P	3	2	2	3	2	12	48
16	CB18S 187573	MUTHUSELVI.N	5	5	4	4	5	23	92
17	CB18S 187574	NANTHINI.M	5	5	5	5	5	25	100
18	CB18S 187575	NITHYASRI.V	2	2	2	3	2	11	44
19	CB18S 187576	NIVETHA.R	2	3	3	3	2	13	52
20	CB18S 187577	PRAVINA.S	2	2	2	2	2	10	40
21	CB18S 187578	PRIYADHARSHINI.J	2	2	2	3	2	11	44
22	CB18S 187579	PRIYADHARSHINI.S	4	5	5	5	4	23	92
23	CB18S 187580	PRIYADHARSHINI.S	3	4	4	3	4	18	72
24	CB18S 187581	RAJONI.R	5	3	4	5	5	22	88
25	CB18S 187582	RASIKA.R	5	5	5	4	5	24	96
26	CB18S 187583	SANTHIYA.S	2	3	2	3	2	12	48
27	CB18S 187584	SELCIYA.S	3	3	4	3	4	17	68
28	CB18S 187585	SEMPARUTHI.S	4	5	5	3	5	22	88
29	CB18S 187586	SHAHEEN BANU.M	5	3	4	5	5	22	88
30	CB18S 187587	SNEKA.G	5	5	5	4	5	24	96

31	CB18S 187588	SNEKA.S	2	3	2	3	2	12	48
32	CB18S 187589	SRILEKHA.M	3	3	4	3	4	17	68
33	CB18S 187590	SUBASHINI.M	5	3	4	5	5	22	88
34	CB18S 187591	SUBASRI.M	5	5	5	4	5	24	96
35	CB18S 187592	VINOTHINI.K	2	3	2	3	2	12	48
36	CB18S 187593	YUVASRI.G	3	3	4	3	4	17	68
AVERAGE			3.5	3.472	3.583	3.556	3.639		

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	TOTAL	%
CO1	3.43	3.43	4.035
CO2	3.46	3.46	4.071
CO3	3.5	3.5	4.118
CO4	3.54	3.54	4.165
CO5	4	4	4.706

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

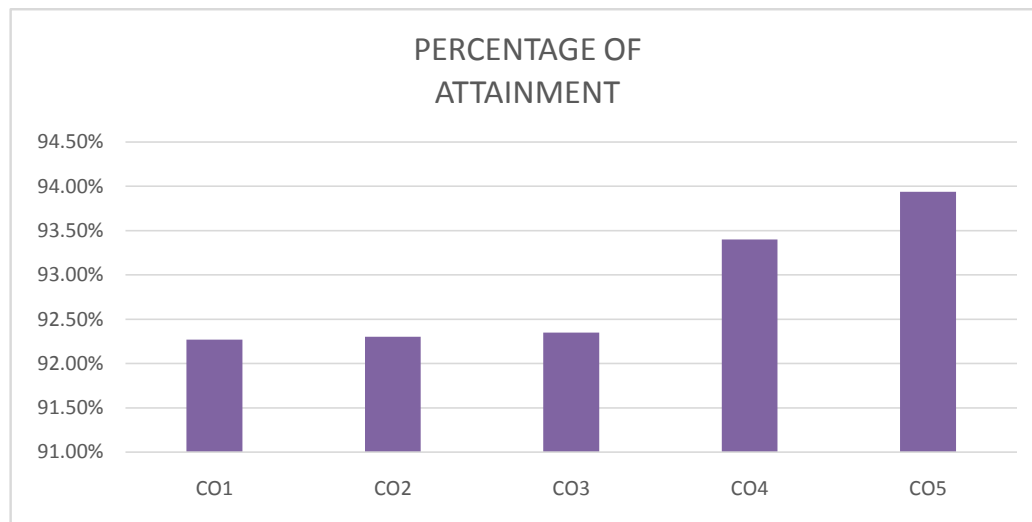
SUBJECT NAME: PROGRAMMING IN C++

SUBJECT CODE: 16SCCS2

NO. OF STUDENTS: 36

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	92.27%

CO2	92.30%
CO3	92.35%
CO4	93.40%
CO5	93.94%



COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

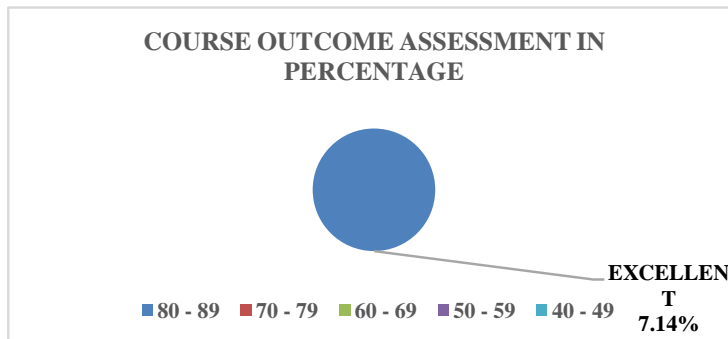
SUBJECT NAME: PROGRAMMING IN C++

SUBJECT CODE: 16SCCCS2

NO. OF STUDENTS: 36

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION

60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA
COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE



PG DEPARTMENT OF COMPUTER SCIENCE
ATTAINMENT OF PROGRAM OUTCOMES AND COURSE OUTCOMES
PROGRAM OUTCOME

PO1	An ability to comprehend the basic concepts learnt and apply in real life situations with analytical skills.
PO2	An ability to apply mathematical foundation, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoff involved in the design choices.
PO3	An ability to apply design and development principles in the construction of software systems of varying complexity.
PO4	An ability to acquire knowledge of modern software tools will be able to contribute effectively as a software engineers.
PO5	An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME: Ms.C.SINDHU M.Sc., M.Phil.,

COURSE : DATA STRUCTURES AND ALGORITHMS - 16SCCCS5
COURSE OUTCOME

CO1	Understanding Arrays, ordered lists, Stacks and Queues, Multiple Stacks and Queues, Singly Linked List
CO2	Understanding Trees, Graphs, Activity Networks, Paths..
CO3	Understanding the concepts of Algorithms, Priority Queues, Binary Search.
CO4	Describes the concepts of Greedy Method, Optimal Storage on Tapes, Optimal Merge Patterns.

CO5	Understanding about the General Method, The 8-Queens Problem, Graph Coloring.
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PO → CO↓	PO2	PO3	PO4	PO5
CO1	2	2	2	2
CO2	3	3	2	2
CO3	3	3	3	1
CO4	2	3	3	1
CO5	3	3	3	1
AVERAGE	2.6	2.8	2.6	1.4

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

TOTAL	5	5
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SNO	REG.NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB16S 176851	AARTHI. N	5	4	4	5	5	23	92
2	CB16S 176852	ABINA. M	5	5	5	5	5	25	100
3	CB16S 176853	ABINAYA. A	5	4	4	5	5	23	92
4	CB16S 176854	ABINAYA. M	3	2	3	3	2	13	52
5	CB16S 176855	ANITHA. R	3	3	3	3	3	15	60
6	CB16S 176856	ANUSUYA. V	3	2	3	3	2	13	52
7	CB16S 176857	ARCHANA. D	3	2	3	3	3	14	56
8	CB16S 176858	BAKYA. V	5	4	4	5	5	23	92
9	CB16S 176859	BHUVANESHWARI. S	2	2	3	3	2	12	48
10	CB16S 176860	CHITRADEVI. S	5	5	5	5	5	25	100
11	CB16S 176861	DOSHIYA. V	5	4	5	5	5	24	96
12	CB16S 176862	GEETHA. D	5	5	5	5	5	25	100
13	CB16S 176863	GOMATHI. G	2	2	3	3	2	12	48
14	CB16S 176864	GOVIYA. R	2	2	2	3	2	11	44
15	CB16S 176865	JOTHIKA. S	5	4	4	5	5	23	92
16	CB16S 176866	KABILA. G	3	2	3	3	2	13	52
17	CB16S 176867	KARPAGAVALLI. L	3	4	4	3	3	17	68
18	CB16S 176868	KAVIMALAR. M	5	4	4	5	5	23	92
19	CB16S 176869	KAVIPRIYA. A	4	4	5	4	4	21	84
20	CB16S 176870	KAVIYAPRIYA. S	2	2	3	3	2	12	48
21	CB16S 176871	KEERTHANA.R	5	5	5	5	5	25	100
22	CB16S 176872	KIRUTHIKA. V	5	5	5	5	5	25	100
23	CB16S 176873	MAHALAKSHMI. M	3	2	3	3	2	13	52
24	CB16S 176874	MAHALAKSHMI. T	5	4	4	5	5	23	92
25	CB16S 176875	MANJULA. S	5	5	5	5	5	25	100
26	CB16S 176876	MARIA ROSITTA. M	5	5	3	4	4	21	84

27	CB16S 176877	MATHUMATHI. D	3	2	3	3	2	13	52
28	CB16S 176878	MOUSHMI. M	3	2	3	3	2	13	52
29	CB16S 176879	NADEESWARI. J	2	2	3	3	2	12	48
30	CB16S 176880	NAJEEHA. S	5	5	3	4	4	21	84
31	CB16S 176881	NIFASATH. N	5	4	4	5	5	23	92
32	CB16S 176882	NIKALYA. P	5	4	4	5	5	23	92
33	CB16S 176883	NIVIYA. G	5	5	5	5	5	25	100
34	CB16S 176884	PRIYADHARSHINI. V	5	4	4	5	5	23	92
35	CB16S 176885	RAMA DEVI. C	3	2	3	3	2	13	52
36	CB16S 176886	REESMAN. M	3	3	3	3	3	15	60
37	CB16S 176887	SANGEETHA.C	3	2	3	3	2	13	52
38	CB16S 176888	SANTHIYA. K	3	2	3	3	3	14	56
39	CB16S 176889	SARADHAPRIYA. S	5	4	4	5	5	23	92
40	CB16S 176890	SARANYA. P	2	2	3	3	2	12	48
41	CB16S 176891	SARANYA. R	5	5	5	5	5	25	100
42	CB16S 176892	SAROJA. P	5	4	5	5	5	24	96
43	CB16S 176894	SHALINI. N	5	5	5	5	5	25	100
44	CB16S 176895	SINDHU. B	2	2	3	3	2	12	48
45	CB16S 176896	SIVALAKSHMI. P	2	2	2	3	2	11	44
46	CB16S 176897	SOUNDHARYA. M	5	4	4	5	5	23	92
47	CB16S 176898	SUBATHRA. B	3	2	3	3	2	13	52
48	CB16S 176899	SUSI. V	3	4	4	3	3	17	68
49	CB16S 176900	SWATHI. M	5	4	4	5	5	23	92
50	CB16S 176901	THABU. R	4	4	5	4	4	21	84
51	CB16S 176902	VANITHA. E	2	2	3	3	2	12	48
52	CB16S 176903	VIGNESHWARI. S	5	5	5	5	5	25	100
53	CB16S 176904	VINOTHINI. T	5	5	5	5	5	25	100
54	CB16S 176905	YAZHINI. M	3	2	3	3	2	13	52
AVERAGE			3.87	3.426	3.778	4	3.648		

EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	TOTAL	%
CO1	3.88	3.87	4.55294
CO2	3.43	3.43	4.03529
CO3	3.78	3.78	4.44706
CO4	4	4	4.70588
CO5	3.65	3.65	4.29412

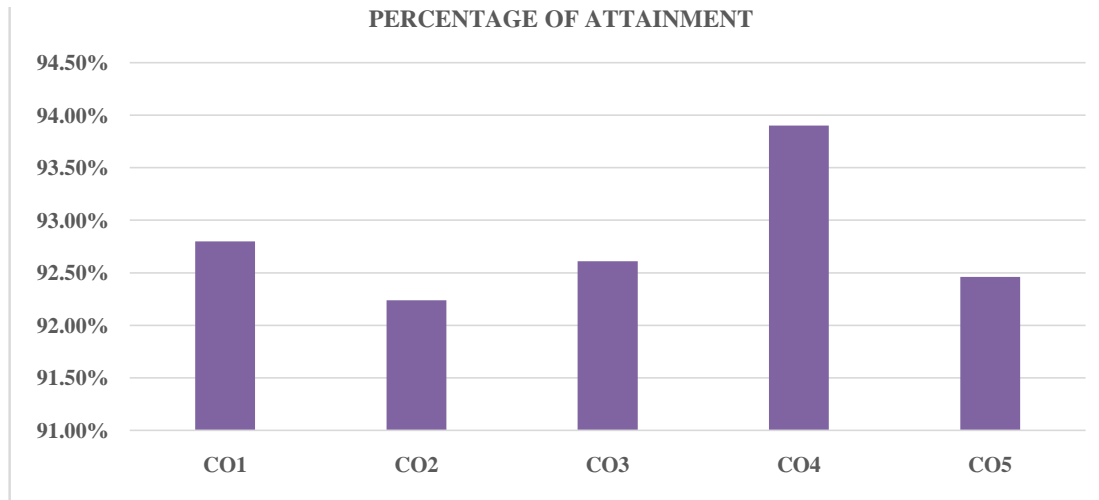
COURSE ATTAIMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: DATA STRUCTURES AND ALGORITHMS

SUBJECT CODE: 16SCCCS5

NO. OF STUDENTS: 54

COURSE OUTCOME	PERCENTAGE OF ATTAIMENT
CO1	92.80%
CO2	92.24%
CO3	92.61%
CO4	93.90%
CO5	92.46%



COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

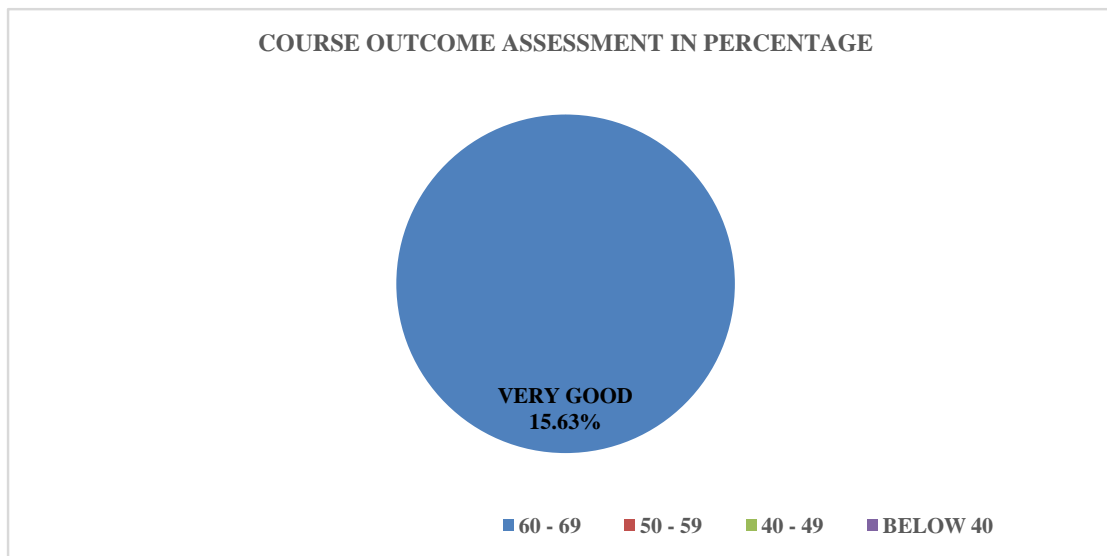
SUBJECT NAME: DATA STRUCTURES AND ALGORITHMS

SUBJECT CODE: 16SCCCS5

NO. OF STUDENTS: 54

COURSE OUTCOME ASSESSMENT	
CATEGORY (MARKS)	STATUS
90 & ABOVE	OUTSTANDING
80 - 89	EXCELLENT
70 - 79	DISTINCTION
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE	
CATEGORY (MARKS)	STATUS
60 - 69	VERY GOOD
50 - 59	GOOD
40 - 49	AVERAGE
BELOW 40	RA



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