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: Mrs.G.JASMINE M.C.A,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↓	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**
CO1	3	2	1	1	2
CO2	3	3	3	3	3
CO3	2	3	2	2	2
CO4	3	2	2	3	3
CO5	3	2	3	3	2
AVERAGE	**2.8**	**2.4**	**2.2**	**2.4**	**2.4**

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO5	**3**	**1**	**1**
TOTAL	**15**	**5**	**5**

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB19S 193111	AARTHI.M	5	4	4	5	5	23	92
2	CB19S 193112	ABINA.S	4	4	4	4	4	20	80
3	CB19S 193113	ANANTHI.M	4	5	4	4	5	22	88
4	CB19S 193114	APOORVA.A	4	5	5	5	5	24	96
5	CB19S 193115	ARUNA.M	4	4	4	4	4	20	80
6	CB19S 193116	ASFIYA.J	4	4	5	4	4	21	84
7	CB19S 193117	AYSHA SIDDIQA.M	5	5	5	5	5	25	100
8	CB19S 193118	BALADHARSHINI.V	4	4	5	4	4	21	84
9	CB19S 193119	DEEPA.P	5	4	4	5	5	23	92
10	CB19S 193120	DHARANI.D	5	4	4	5	5	23	92
11	CB19S 193121	DHEETCHIKA.S	5	5	5	5	5	25	100
12	CB19S 193122	DIVYA.A	4	4	5	4	4	21	84

13	CB19S 193123	EZHILRANI.K	5	4	4	5	5	23	92
14	CB19S 193124	GAYATHRI.B	5	4	4	5	5	23	92
15	CB19S 193125	HARINE.V	4	4	4	4	4	20	80
16	CB19S 193126	JAYASRI.S	4	5	4	4	5	22	88
17	CB19S 193127	KALADEVI.S	4	5	5	5	5	24	96
18	CB19S 193128	KAVIYA.G	4	4	4	4	4	20	80
19	CB19S 193129	KAVIYA.N	4	4	5	4	4	21	84
20	CB19S 193130	KEERTHANA.E	4	5	4	4	5	22	88
21	CB19S 193131	KESAVARTHINI.S	5	5	5	5	5	25	100
22	CB19S 193132	KOSHIKHAA HARSHINI.DA	4	4	4	4	4	20	80
23	CB19S 193133	KOWSALYARANI.U	4	5	4	4	5	22	88
24	CB19S 193134	MEERAHARINI.S	4	4	4	4	4	20	80
25	CB19S 193135	MONISH WINSEAYA.V	5	5	5	5	5	25	100
26	CB19S 193136	NITHIKA.B	5	5	5	5	5	25	100
27	CB19S 193137	OVIYA.M	4	5	4	4	5	22	88
28	CB19S 193138	OVIYA.S	4	4	5	4	4	21	84

29	CB19S 193139	PARANJOTHI.G	4	4	4	4	4	20	80
30	CB19S 193140	PAVITHRA.P	5	5	5	5	5	25	100
31	CB19S 193141	PRANSHIYA.K	5	4	4	5	5	23	92
32	CB19S 193142	RANJANI.R	4	4	4	4	4	20	80
33	CB19S 193143	REETHIKA.S	4	5	4	4	5	22	88
34	CB19S 193144	RIYALAKSHMI.M	5	4	4	5	5	23	92
35	CB19S 193145	SAGAYA RESHMA.A	5	5	5	5	5	25	100
36	CB19S 193146	SANTHIYA.N	5	5	5	5	5	25	100
37	CB19S 193147	SHALINI.K	5	5	5	5	5	25	100
38	CB19S 193148	SHALINI.S	4	5	4	4	5	22	88
39	CB19S 193149	SNEHA.I	4	4	5	4	4	21	84
40	CB19S 193150	SNEHA.R (29.11.2001)	4	4	4	4	4	20	80
41	CB19S 193151	SNEHA.R (30.05.2002)	5	5	5	5	5	25	100
42	CB19S 193152	SNEKA.G	5	4	4	5	5	23	92
43	CB19S 193153	SNEKA.R	4	4	4	4	4	20	80
44	CB19S 193154	THENMOZHI.K	4	5	4	4	5	22	88

45	CB19S 193155	THIVASHINI.E	5	4	4	5	5	23	92
46	CB19S 193156	VISHVA.S	4	4	5	4	4	21	84
AVERAGE			**4.413**	**4.435**	**4.413**	**4.457**	**4.63**		

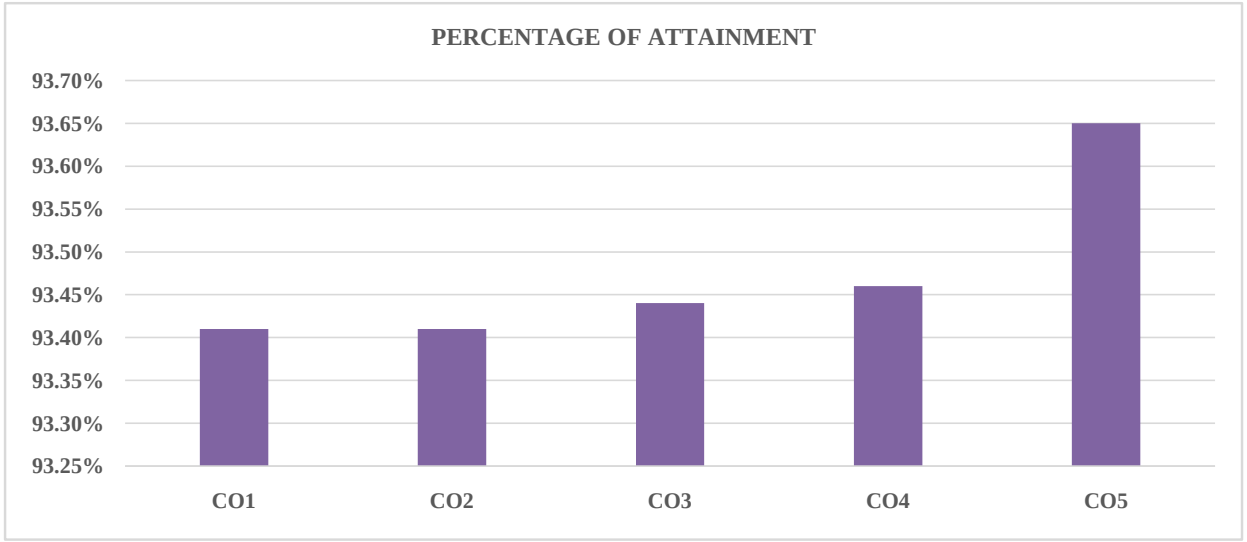
EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+	END SEM	TOTAL	%
CO1	**4.4**	**75**	**79.4**	**93.412**
CO2	**4.4**	**75**	**79.4**	**93.412**
CO3	**4.42**	**75**	**79.42**	**93.435**
CO4	**4.44**	**75**	**79.44**	**93.459**
CO5	**4.6**	**75**	**79.6**	**93.647**

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: OPERATING SYSTEM
SUBJECT CODE:16SCCCS8
NO. OF STUDENTS: 46

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.41%
CO2	93.41%
CO3	93.44%
CO4	93.46%
CO5	93.65%



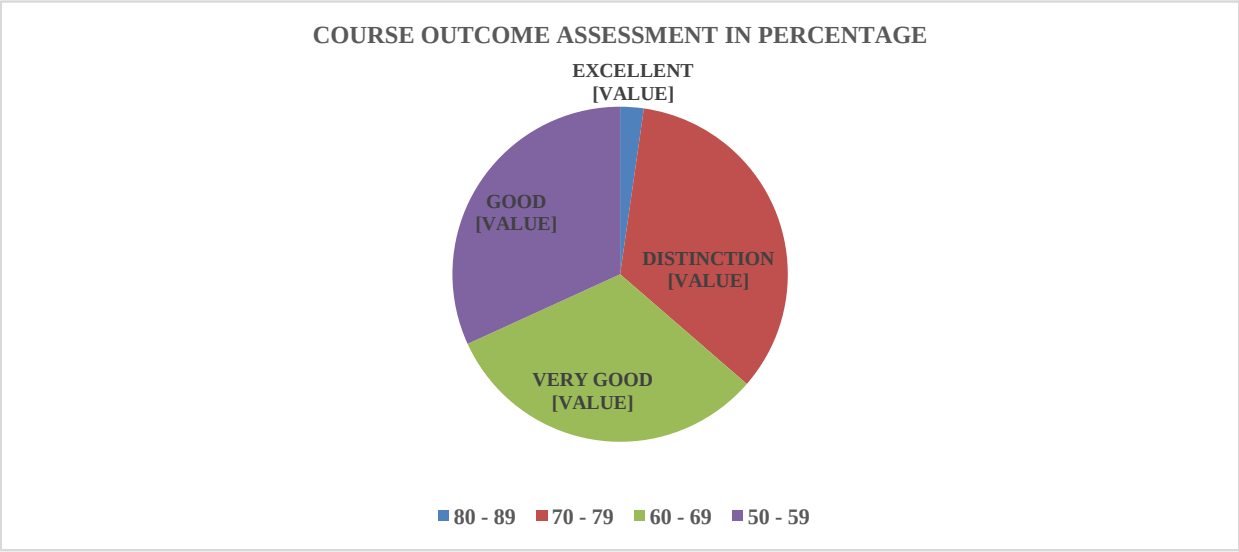
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: OPERATING SYSTEM
SUBJECT CODE:16SCCCS8
NO. OF STUDENTS: 46

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	0	OUTSTANDING
80 - 89	1	EXCELLENT
70 - 79	15	DISTINCTION
60 - 69	14	VERY GOOD
50 - 59	14	GOOD

40 - 49	0	AVERAGE
BELOW 40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	**PERCENTAGE**	**STATUS**
80 - 89	2.27%	EXCELLENT
70 - 79	34.09%	DISTINCTION
60 - 69	31.82%	VERY GOOD
50 - 59	31.82%	GOOD



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: K.SIVASAKTHI.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↓	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**
CO1	3	3	2	2	2
CO2	3	2	2	2	2
CO3	3	3	2	2	2
CO4	3	3	2	2	2
CO5	3	3	3	3	2
AVERAGE	**3**	**2.8**	**2.2**	**2.2**	**2**

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO5	**3**	**1**	**1**
TOTAL	**15**	**5**	**5**

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB19S 193111	AARTHI.M	4	5	5	4	4	23	92
2	CB19S 193112	ABINA.S	5	4	5	5	4	23	92
3	CB19S 193113	ANANTHI.M	5	5	4	5	4	23	92
4	CB19S 193114	APOORVA.A	5	4	5	5	4	23	92
5	CB19S 193115	ARUNA.M	4	4	5	5	4	22	88
6	CB19S 193116	ASFIYA.J	5	4	5	5	4	23	92
7	CB19S 193117	AYSHA SIDDIQA.M	5	5	5	5	5	25	100
8	CB19S 193118	BALADHARSHINI.V	5	4	5	5	4	23	92
9	CB19S 193119	DEEPA.P	5	4	4	5	5	23	92
10	CB19S 193120	DHARANI.D	5	4	5	5	4	23	92
11	CB19S 193121	DHEETCHIKA.S	5	5	5	5	5	25	100
12	CB19S 193122	DIVYA.A	5	5	5	5	5	25	100

13	CB19S 193123	EZHILRANI.K	5	4	5	5	4	23	92
14	CB19S 193124	GAYATHRI.B	4	4	5	5	4	23	92
15	CB19S 193125	HARINE.V	4	4	5	5	4	22	88
16	CB19S 193126	JAYASRI.S	4	4	5	5	5	23	92
17	CB19S 193127	KALADEVI.S	5	4	5	5	4	23	92
18	CB19S 193128	KAVIYA.G	4	4	5	5	4	23	92
19	CB19S 193129	KAVIYA.N	4	4	4	5	5	23	92
20	CB19S 193130	KEERTHANA.E	4	5	4	5	4	23	92
21	CB19S 193131	KESAVARTHINI.S	5	5	5	5	5	25	100
22	CB19S 193132	KOSHIKHAA HARSHINI.DA	4	5	4	4	5	23	92
23	CB19S 193133	KOWSALYARANI.U	4	4	4	5	5	23	92
24	CB19S 193134	MEERAHARINI.S	5	5	5	5	5	25	100
25	CB19S 193135	MONISH WINSEAYA.V	5	5	5	5	5	25	100
26	CB19S 193136	NITHIKA.B	4	4	4	4	4	25	100
27	CB19S 193137	OVIYA.M	5	5	5	5	5	25	100
28	CB19S 193138	OVIYA.S	5	4	5	4	4	23	92

29	CB19S 193139	PARANJOTHI.G	4	5	5	4	4	23	92
30	CB19S 193140	PAVITHRA.P	4	5	5	4	4	22	88
31	CB19S 193141	PRANSHIYA.K	5	4	5	4	4	23	92
32	CB19S 193142	RANJANI.R	5	5	5	5	5	25	100
33	CB19S 193143	REETHIKA.S	5	4	5	4	4	23	92
34	CB19S 193144	RIYALAKSHMI.M	5	4	5	5	4	23	92
35	CB19S 193145	SAGAYA RESHMA.A	4	5	5	4	4	22	88
36	CB19S 193146	SANTHIYA.N	5	4	5	4	4	23	92
37	CB19S 193147	SHALINI.K	5	5	4	4	4	23	92
38	CB19S 193148	SHALINI.S	5	4	5	4	4	23	92
39	CB19S 193149	SNEHA.I	4	5	4	5	4	23	92
40	CB19S 193150	SNEHA.R (29.11.2001)	4	4	5	4	4	22	88
41	CB19S 193151	SNEHA.R (30.05.2002)	5	5	5	5	5	25	100
42	CB19S 193152	SNEKA.G	5	5	5	5	4	24	96
43	CB19S 193153	SNEKA.R	4	5	4	5	4	23	92
44	CB19S 193154	THENMOZHI.K	4	5	4	5	4	23	92

45	CB19S 193155	THIVASHINI.E	4	4	5	4	4	22	88
46	CB19S 193156	VISHVA.S	5	5	5	5	5	25	100
AVERAGE			**4.587**	**4.478**	**4.761**	**4.696**	**4.326**		

EXPECTED ATTAIMENT IN EACH CO - 85%

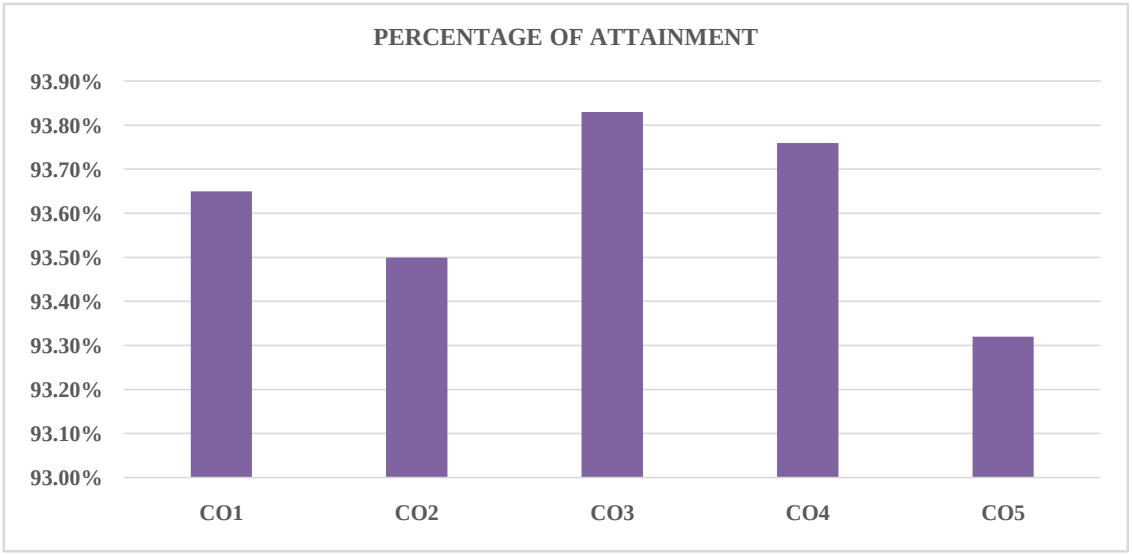
CO	INT. EXAM+ SEMINAR+	END SEM	TOTAL	%
CO1	**4.59**	**75**	**79.59**	**93.635**
CO2	**4.48**	**75**	**79.48**	**93.506**
CO3	**4.76**	**75**	**79.76**	**93.835**
CO4	**4.7**	**75**	**79.7**	**93.765**
CO5	**4.33**	**75**	**79.33**	**93.329**

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: COMPUTER NETWORKS
SUBJECT CODE:16SCCCS6
NO. OF STUDENTS: 46

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.65%
CO2	93.50%
CO3	93.83%
CO4	93.76%

CO5	93.32%



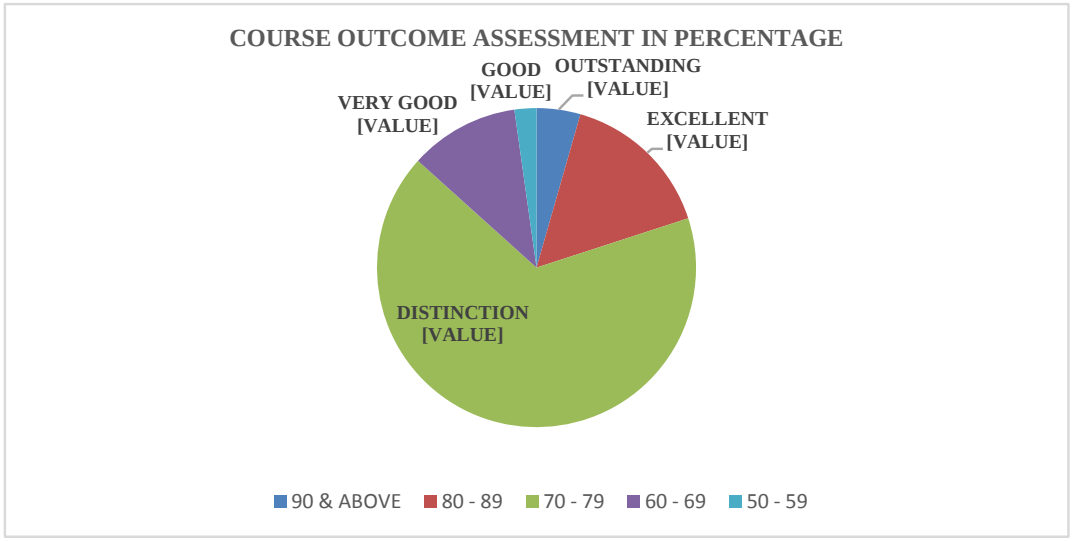
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: COMPUTER NETWORKS
SUBJECT CODE:16SCCCS6
NO. OF STUDENTS: 46

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	2	OUTSTANDING
80 - 89	7	EXCELLENT
70 - 79	30	DISTINCTION
60 - 69	5	VERY GOOD
50 - 59	1	GOOD

40 - 49	0	AVERAGE
BELOW 40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	**PERCENTAGE**	**STATUS**
90 & ABOVE	4.44%	OUTSTANDING
80 - 89	15.56%	EXCELLENT
70 - 79	66.67%	DISTINCTION
60 - 69	11.11%	VERY GOOD
50 - 59	2.22%	GOOD



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.
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PO5	An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME: U.UTHRA. 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↓	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**
CO1	3	2	2	2	0
CO2	3	3	3	2	1
CO3	3	3	3	3	0
CO4	3	2	3	3	0
CO5	3	3	3	3	0
AVERAGE	**3**	**2.6**	**2.8**	**2.6**	**0.2**

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO5	3	1	1
TOTAL	15	5	5

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB20S 199062	AARTHI.M	5	5	5	5	5	25	100
2	CB20S 199063	AARTHI.S	3	4	4	3	3	17	68
3	CB20S 199064	ABARNA.M	4	3	3	4	4	18	72
4	CB20S 199065	ABI.R	3	4	4	3	4	18	72
5	CB20S 199066	AKALYA.M	5	5	5	5	5	25	72
6	CB20S 199067	AKALYA.S	4	4	4	4	4	20	80
7	CB20S 199068	AKSHAYA.A	5	5	5	5	5	25	100
8	CB20S 199069	ARULJOTHI.A	5	5	5	5	5	25	100
9	CB20S 199070	ASHIKA.R	5	5	5	5	5	25	100
10	CB20S 199071	ASRATH.A	5	4	4	3	4	20	80
11	CB20S 199072	ATCHAYA.R	3	4	4	5	4	20	80
12	CB20S 199073	ATCHAYA.S	3	4	4	4	4	19	76
13	CB20S 199074	BAIRAVI.K	4	4	4	4	4	20	80
14	CB20S 199075	BIRUNDHA.M	3	4	3	4	4	18	72
15	CB20S 199076	ELANCHARUMATHI.E	5	5	4	5	5	24	96
16	CB20S 199077	GANANITHI.G	4	4	5	4	5	22	88
17	CB20S 199078	HARINI.R	3	4	4	3	4	18	72
18	CB20S 199079	HARSINI.R	3	4	3	3	4	17	68
19	CB20S 199080	KANNIKA.M	3	3	4	3	4	17	68
20	CB20S 199081	KARTHIGA.K	3	4	3	4	4	18	72
21	CB20S 199082	KARTHIKA.M	4	4	4	4	4	20	80
22	CB20S 199083	KRISHNA MEENA.V	4	5	5	5	5	24	96
23	CB20S 199084	MAHASRI.S	4	4	5	4	5	22	88
24	CB20S 199085	MALARVIZHI.K	5	4	4	4	5	22	88
25	CB20S 199086	MARSHIKA.A	5	5	5	5	5	25	100

26	CB20S 199087	MATHUMITHA.M	4	5	5	5	5	24	96
27	CB20S 199088	PARKAVI.S	4	4	3	4	4	19	76
28	CB20S 199089	SAKTHIPRIYA.C	3	3	3	4	3	16	64
29	CB20S 199090	SARVAZHINI.V	5	5	5	5	5	25	100
30	CB20S 199091	SEETHALAKSHMI.R	3	4	4	3	4	18	72
31	CB20S 199092	SHAMEEHA SHIREEN.A.M	4	4	4	4	4	20	80
32	CB20S 199093	SNEHA.M(04.07.2002)	3	4	3	4	4	18	72
33	CB20S 199094	SNEHA.M(30.07.2002)	5	5	5	5	5	25	100
34	CB20S 199095	SOWBARNIGA.M	4	5	5	5	5	24	96
35	CB20S 199096	SRINITHI.K	3	4	4	3	4	18	72
36	CB20S 199097	SUBITHA.S	4	4	4	4	4	20	80
37	CB20S 199098	SURUTHI.P	3	4	3	4	4	18	72
38	CB20S 199099	TAMILARASI.T	5	5	5	5	5	25	100
39	CB20S 199100	VINOTHINI.M	4	5	5	5	5	24	96
40	CB19S 192490	MUTHU MEENA .R	4	4	3	4	4	19	76
AVERAGE			**3.95**	**4.275**	**4.15**	**4.175**	**4.375**		

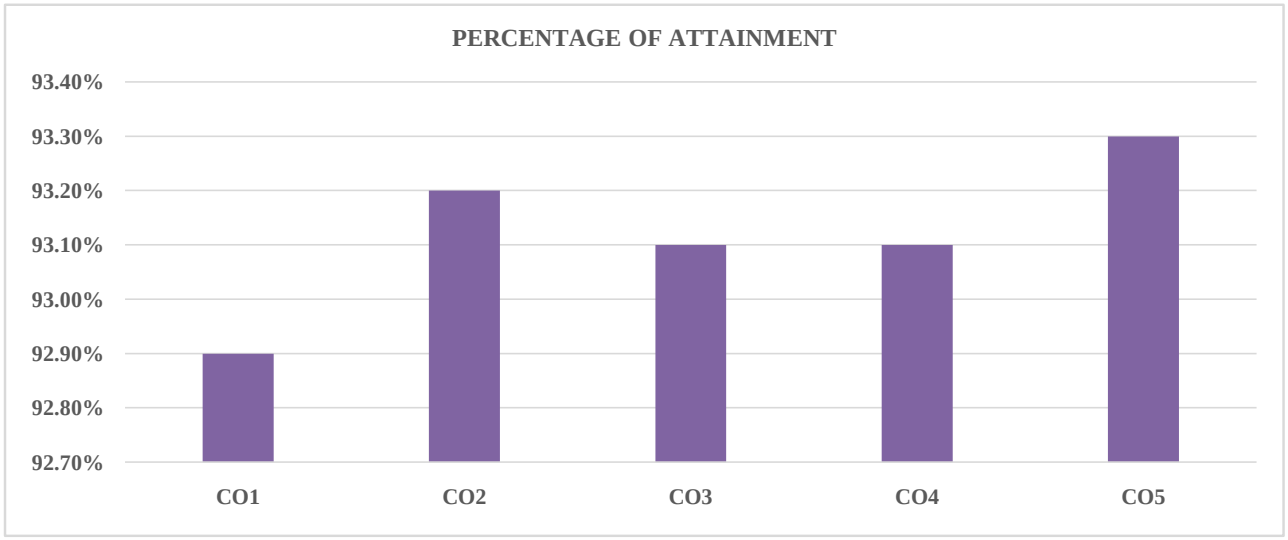
EXPECTED ATTAIMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL	%
CO1	3.94	**75**	**78.94**	**92.87**
CO2	4.22	**75**	**79.22**	**93.2**
CO3	4.13	**75**	**79.13**	**93.09**
CO4	4.13	**75**	**79.13**	**93.09**
CO5	4.34	**75**	**79.34**	**93.34**

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN C++
SUBJECT CODE:16SCCCS2
NO. OF STUDENTS: 40

COURSE OUTCOME	PERCENTAGE OF
CO1	92.90%
CO2	93.20%
CO3	93.10%
CO4	93.10%
CO5	93.30%

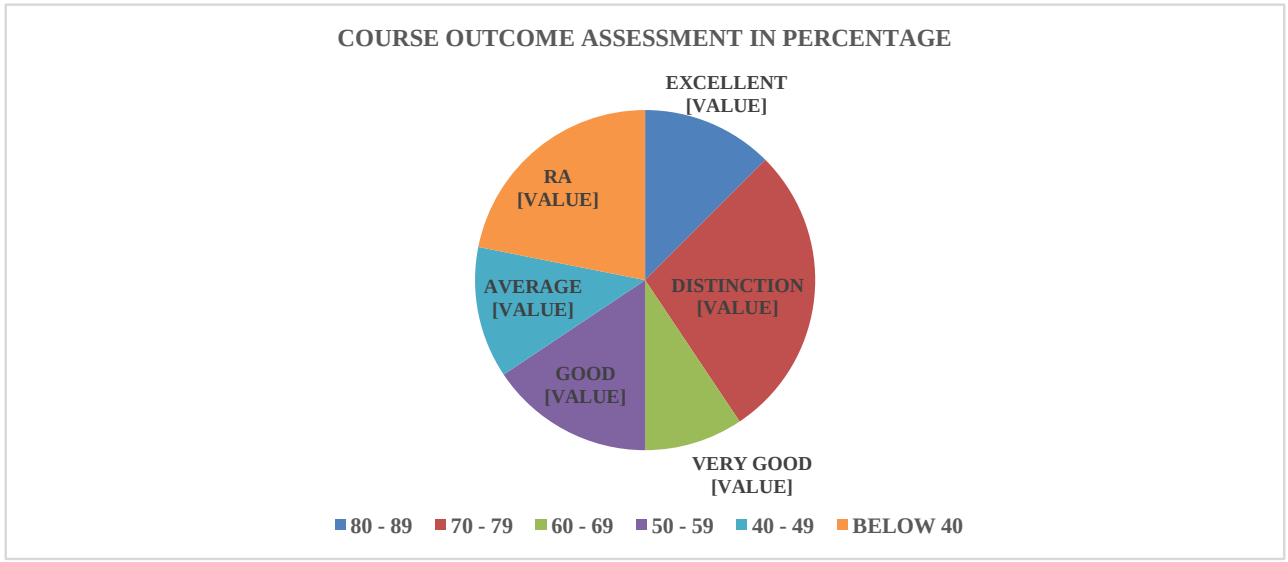


COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN C++
SUBJECT CODE:16SCCCS2
NO. OF STUDENTS: 40

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	0	OUTSTANDING
80 - 89	4	EXCELLENT
70 - 79	9	DISTINCTION
60 - 69	3	VERY GOOD
50 - 59	5	GOOD
40 - 49	4	AVERAGE
BELOW 40	7	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	**PERCENTAGE**	**STATUS**
80 - 89	12.50%	EXCELLENT
70 - 79	28.13%	DISTINCTION
60 - 69	9.38%	VERY GOOD
50 - 59	15.63%	GOOD
40 - 49	12.50%	AVERAGE
BELOW 40	21.88%	RA


COURSE OUTCOME ASSESSMENT IN PERCENTAGE
EXCELLENT [VALUE]
DISTINCTION [VALUE]
VERY GOOD [VALUE]
GOOD [VALUE]
AVERAGE [VALUE]
RA [VALUE]
80 - 89
70 - 79
60 - 69
50 - 59
40 - 49
BELOW 40

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: V.ANISHA.M.C.A.,M.PHIL.,

COURSE : PROGRAMMING IN JAVA - 16SCCCS3
COURSE OUTCOME

CO1	Describes the Introduction to OOPS and Introduction to Java Programming.
CO2	Understanding Java Data Types, Variable, Operations and Assignment, Control Structures, Arrays, Strings
CO3	Describes Classes, Modifiers, Packages, Interfaces.

CO4	Describes Exception Handling and Multi Threading in java.
CO5	Understanding Files and I/O Streams and Java Applets.

PO → CO↓	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**
CO1	3	2	1	2	3
CO2	3	2	3	3	3
CO3	2	2	2	2	1
CO4	3	2	3	3	3
CO5	3	2	3	3	1
AVERAGE	**2.8**	**2**	**2.4**	**2.6**	**2.2**

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

CO5	**3**	**1**	**1**
TOTAL	**15**	**5**	**5**

SNO	REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
1	CB20S 199062	AARTHI.M	5	4	4	5	5	23	92
2	CB20S 199063	AARTHI.S	5	4	5	5	5	24	96
3	CB20S 199064	ABARNA.M	5	4	4	5	5	23	92
4	CB20S 199065	ABI.R	5	4	4	5	5	23	96
5	CB20S 199066	AKALYA.M	4	5	5	5	5	24	100
6	CB20S 199067	AKALYA.S	5	5	5	5	5	25	92
7	CB20S 199068	AKSHAYA.A	5	5	5	4	4	23	92
8	CB20S 199069	ARULJOTHI.A	5	4	4	5	5	23	92
9	CB20S 199070	ASHIKA.R	5	4	4	5	5	23	96
10	CB20S 199071	ASRATH.A	5	4	5	5	5	24	96
11	CB20S 199072	ATCHAYA.R	4	5	4	5	5	23	92
12	CB20S 199073	ATCHAYA.S	5	4	5	5	4	23	92

13	CB20S 199074	BAIRAVI.K	5	4	5	5	5	24	96
14	CB20S 199075	BIRUNDHA.M	5	4	4	5	5	23	92
15	CB20S 199076	ELANCHARUMATHI.E	5	4	5	5	5	24	96
16	CB20S 199077	GANANITHI.G	5	5	5	5	5	25	100
17	CB20S 199078	HARINI.R	5	4	4	5	5	23	92
18	CB20S 199079	HARSINI.R	5	4	5	5	4	23	92
19	CB20S 199080	KANNIKA.M	5	5	5	5	5	25	100
20	CB20S 199081	KARTHIGA.K	5	5	5	4	5	24	96
21	CB20S 199082	KARTHIKA.M	5	4	4	5	5	23	92
22	CB20S 199083	KRISHNA MEENA.V	5	5	5	5	4	24	96
23	CB20S 199084	MAHASRI.S	4	5	4	5	5	23	92
24	CB20S 199085	MALARVIZHI.K	5	5	5	5	5	25	100
25	CB20S 199086	MARSHIKA.A	5	5	5	5	5	25	100
26	CB20S 199087	MATHUMITHA.M	5	5	5	5	5	25	100
27	CB20S 199088	PARKAVI.S	4	5	5	4	5	23	92
28	CB20S 199089	SAKTHIPRIYA.C	5	5	5	5	5	25	100

29	CB20S 199090	SARVAZHINI.V	5	5	5	5	5	25	100
30	CB20S 199091	SEETHALAKSHMI.R	5	5	5	5	5	25	100
31	CB20S 199092	SHAMEEHA SHIREEN.A.M	5	4	4	5	5	23	92
32	CB20S 199093	SNEHA.M(04.07.2002)	5	5	5	5	5	25	100
33	CB20S 199094	SNEHA.M(30.07.2002)	5	5	5	5	5	25	100
34	CB20S 199095	SOWBARNIGA.M	5	5	5	5	5	25	100
35	CB20S 199096	SRINITHI.K	4	5	5	5	4	23	92
36	CB20S 199097	SUBITHA.S	5	5	5	5	5	25	100
37	CB20S 199098	SURUTHI.P	5	5	5	5	5	25	100
38	CB20S 199099	TAMILARASI.T	5	5	5	5	5	25	100
39	CB20S 199100	VINOTHINI.M	4	5	5	5	4	23	92
40	CB19S 192490	MUTHU MEENA .R	4	5	5	5	4	23	92
AVERAGE			**4.846**	**4.615**	**4.718**	**4.923**	**4.846**		

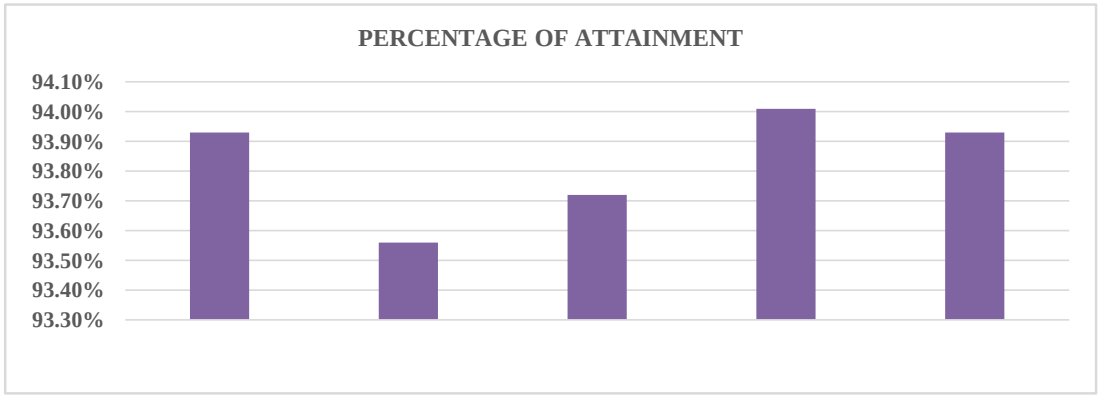
EXPECTED ATTAINMENT IN EACH CO - 85%

CO	INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL	%
CO1	**4.84**	**75**	**79.84**	**93.93**
CO2	**4.53**	**75**	**79.53**	**93.56**
CO3	**4.66**	**75**	**79.66**	**93.72**
CO4	**4.91**	**75**	**79.91**	**94.01**
CO5	**4.84**	**75**	**79.84**	**93.93**

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN JAVA
SUBJECT CODE:16SCCCS3
NO. OF STUDENTS: 40

CO	PERCENTAGE OF ATTAINMENT
CO1	93.93%
CO2	93.56%
CO3	93.72%
CO4	94.01%
CO5	93.93%



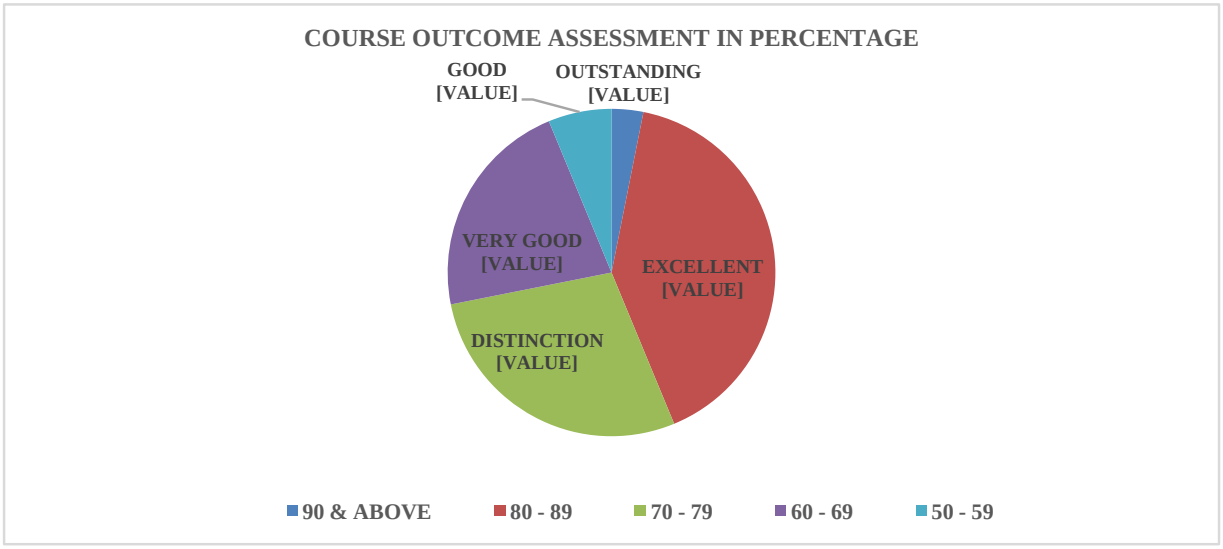
COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN JAVA
SUBJECT CODE:16SCCCS3
NO. OF STUDENTS: 40

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	1	OUTSTANDING
80 - 89	13	EXCELLENT
70 - 79	9	DISTINCTION
60 - 69	7	VERY GOOD
50 - 59	2	GOOD
40 - 49	0	AVERAGE
BELOW 40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE

CATEGORY (MARKS)	PERCENTAGE	STATUS
90 & ABOVE	3.13%	OUTSTANDING
80 - 89	40.63%	EXCELLENT
70 - 79	28.13%	DISTINCTION
60 - 69	21.88%	VERY GOOD
50 - 59	6.25%	GOOD



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

PROGRAM OUTCOME

An ability to comprehend the basic concepts learnt and apply in real life situations with analytical skills.
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.
An ability to apply design and development principles in the construction of software systems of varying complexity.
An ability to acquire knowledge of modern software tools will be able to contribute effectively as a software engineers.
An ability to comprehend the related concepts to Computer Science with Allied papers.

STAFF NAME: Ms.D.DHIVYA.M.C.A.,M.PHIL.,

COURSE : PROGRAMMING IN C- 16SCCCS1
COURSE OUTCOME

Understanding the basic concepts of C like constants, variables, data types operators and expressions.
Understanding the concepts of managing input output operations, decision making, branching and looping.
Understanding the concepts of character Arrays and Strings, User defined Functions.
Describes the concepts of Structures and Unions and Pointers.
Understanding about Dynamic memory allocation, Linked lists and Preprocessors.

PO → CO↓	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	1
CO2	3	2	3	2	2
CO3	3	2	1	3	1
CO4	3	3	2	2	2
CO5	3	3	3	3	2
AVERAGE	**3**	**2.4**	**2.2**	**2.4**	**1.6**

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

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

REG. NO	NAME	CO1	CO2	CO3	CO4	CO5	TOTAL	% TO TOTAL INTERNAL MARK
CB21S204771	ABINAYA.A	5	5	5	5	5	25	100
CB21S204772	ABIRAMI G	5	4	4	5	5	23	92
CB21S204773	ABITHA A	4	5	5	5	5	24	96
CB21S204774	AMOKA K	5	5	5	5	5	25	100
CB21S204775	ANUREKHA S	5	5	5	5	5	25	100
CB21S204776	ARUNA R	5	5	5	4	5	24	96
CB21S204777	ARUNTHATHI R	5	5	5	5	5	25	100
CB21S204778	DIVYA R	5	5	5	5	5	25	100
CB21S204779	HEMA S	5	5	5	5	5	25	100
CB21S204780	ISHWARYA N	5	5	5	4	4	23	92
CB21S204781	ISWARYA S	5	5	5	5	5	25	100
CB21S204782	JANANI K	5	4	5	4	5	23	92
CB21S204783	JAYA SATHIYA N	5	5	5	5	4	24	96
CB21S204784	JAYASHREE S	5	5	5	5	5	25	100
CB21S204785	KAMALI B	5	5	5	5	5	25	100
CB21S204786	KAMALI R	5	5	4	5	5	24	96
CB21S204787	KARTHIGA S	5	5	5	5	5	25	100
CB21S204788	KARTHIKA D	4	5	5	5	5	24	96
CB21S204789	KAVIYA V	5	5	5	4	4	23	92
CB21S204790	KEERTHIGA T	5	4	4	5	5	23	92
CB21S204791	MADHUMITHA D	4	5	5	5	5	24	96
CB21S204792	MALARVIZHI K	5	5	5	4	5	24	96
CB21S204793	NABEESA BEGAM A	5	5	5	5	5	25	100
CB21S204794	NIVETHA J	5	5	5	5	5	25	100
CB21S204795	SAMEEHA M	5	5	5	4	5	24	96
CB21S204796	SHALINI D	5	4	5	5	5	24	96
CB21S204797	SOWMIYA S	5	4	5	5	5	24	96

CB21S204798	SUGASHINI S	5	5	5	4	4	23	92
CB21S204799	SURYA G	4	4	5	5	5	23	92
AVERAGE		**4.862**	**4.793**	**4.897**	**4.759**	**4.862**		

EXPECTED ATTAIMENT IN EACH CO - 85%

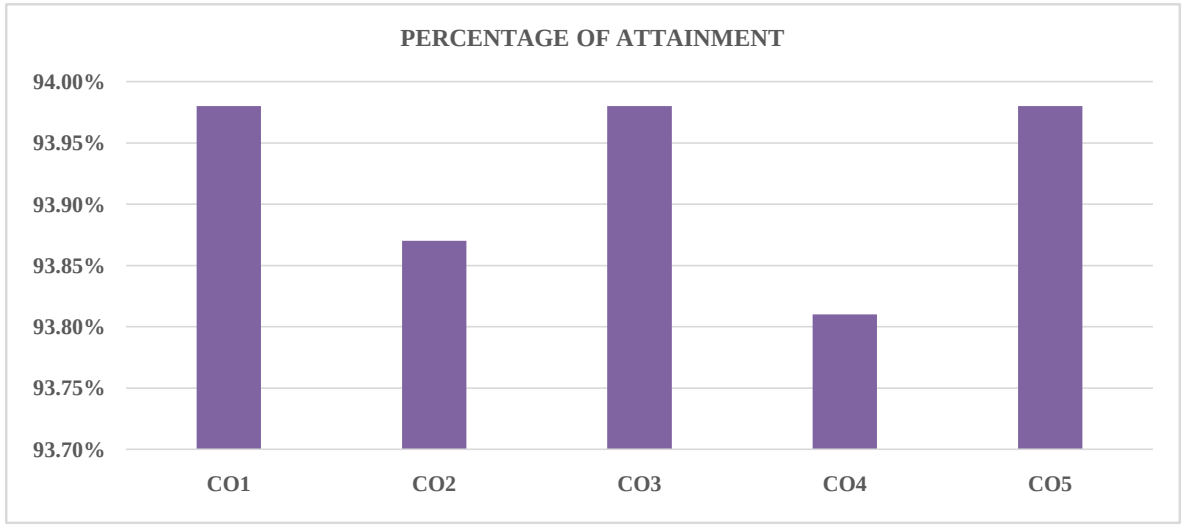
INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL	%
4.86	**75**	**79.86**	**93.953**
4.79	**75**	**79.79**	**93.871**
4.88	**75**	**79.88**	**93.976**
4.76	**75**	**79.76**	**93.835**
4.86	**75**	**79.86**	**93.953**

COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

SUBJECT NAME: PROGRAMMING IN C
SUBJECT CODE:16SCCCS1
NO. OF STUDENTS: 29

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.98%
CO2	93.87%
CO3	93.98%
CO4	93.81%

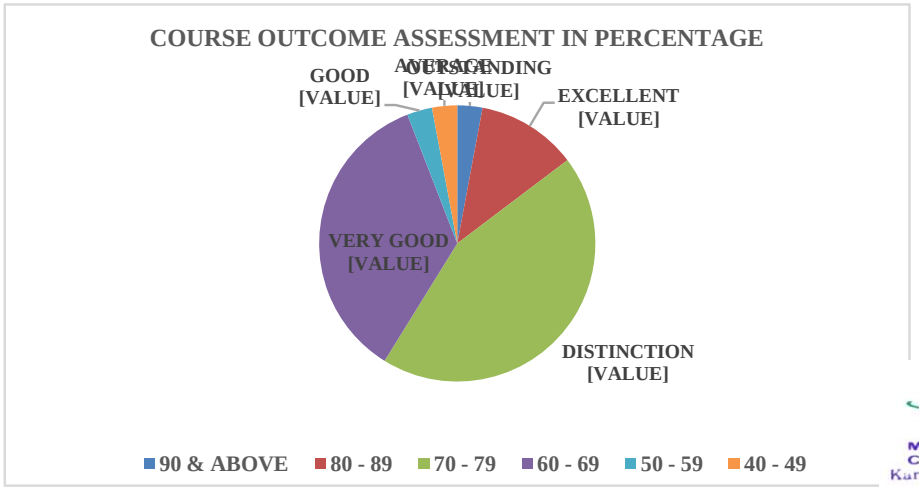
CO5	93.98%



COURSE ATTAINMENT FOR B.Sc. COMPUTER SCIENCE

CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	1	OUTSTANDING
80 - 89	4	EXCELLENT
70 - 79	15	DISTINCTION
60 - 69	12	VERY GOOD
50 - 59	1	GOOD
40 - 49	1	AVERAGE
BELOW 40	0	RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)	**PERCENTAGE**	**STATUS**
90 & ABOVE	2.94%	OUTSTANDING
80 - 89	11.76%	EXCELLENT
70 - 79	44.12%	DISTINCTION
60 - 69	35.29%	VERY GOOD
50 - 59	2.94%	GOOD
40 - 49	2.94%	AVERAGE



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