CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA.Kerala-680125
Reaccredited by NAAC with 'A++' grade

OBE CARD

Department:	COMPUTER SCIENCE SF
Program:	M.Sc. Computer Science
Batch:	MSC CS 2022

Name:	DONA MARIYA DAVIES
Register No:	CCAWMCS001
Admission No:	28307
Entry Year:	2022
Exit Year:	2024

This report provides the evidence of OBE implementation in CHRIST COLLEGE (AUTONOMOUS), and the measurement of both direct and indirect assessment of students during the academic year 2022-2024
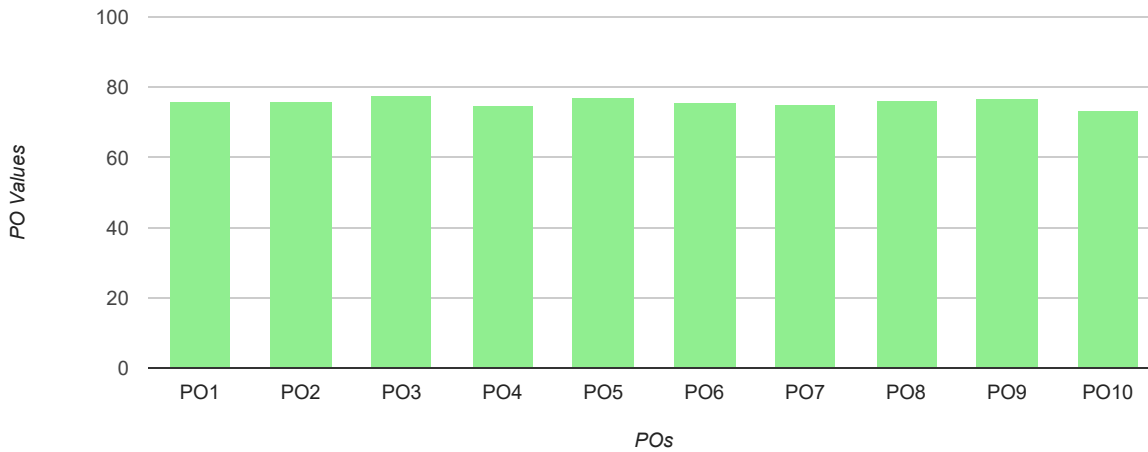
Program: M.Sc. Computer Science

Program Outcome LIST

PO CODE	PO DESCRIPTION
PO1	A thorough knowledge in the chosen discipline
PO2	An aptitude for research
PO3	An independent and individual way of thinking and communicating ideas
PO4	The ability to access and utilize knowledge and information for personal and general good
PO5	The discretion to engage in academic work with academic integrity
PO6	The knowhow to function in multidisciplinary domains
PO7	A global perspective, facilitating appropriate interaction with people from various cultural, lingui
PO8	Decision-making and reasoning ability to find solutions to ethical problems
PO9	A spirit of selfless service making him willing to serve the needy and themarginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF DONA MARIYA DAVIES									
PO CODE	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**
	75.97	75.85	77.70	74.96	77.17	75.53	75.16	76.23	76.88	73.74

Program Specific Outcome LIST

| PSO CODE	PSO DESCRIPTION
PSO1	To introduce new concepts , use Engineering-Mathematical models and utilize them for problem
PSO2	Create and apply scientific mindset to analyze ,design and validate ICT systems
PSO3	Evolve innovations in Computer Science, leading them for research.
PSO4	Develop,gain and exemplify knowledge in wide areas in Computer Science
PSO5	Prepare detail scenario in one of the specialized areas

Program Specific Outcome Attainment

PROGRAM SPECIFIC OUTCOME PERCENTAGE OF DONA MARIYA DAVIES					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	75.70	75.90	75.99	75.95	75.94
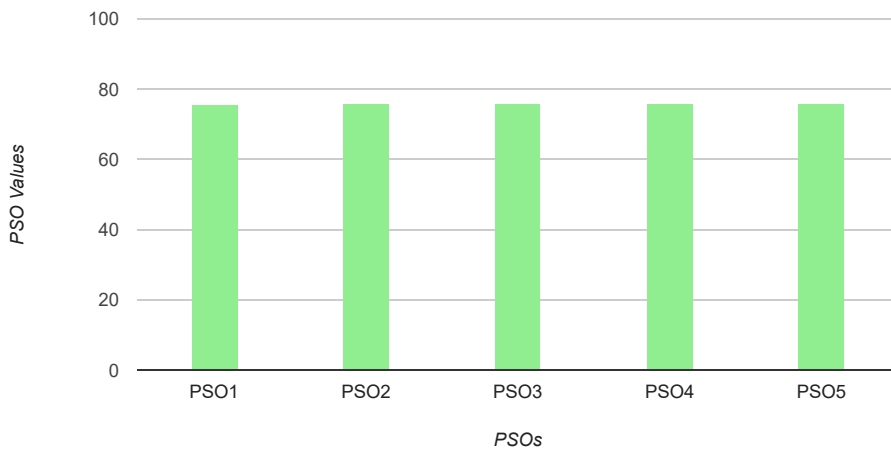
| SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Data Structures	CC19PCSS1C02	55.20	98.72	85.92	75.09	73.12
Theory of Computation	CC19PCSS1C03	60.96	67.36	73.76	99.36	67.36
The Art of Programming Methodology	CC19PCSS1C04	85.60	87.73	85.60	34.40	34.40
Computer Organization Architecture	CC19PCSS1C05	53.28	45.60	75.04	76.32	78.51
Discrete Mathematical Structures	CC19PCSS1C01	96.16	94.24	86.56	91.68	86.56
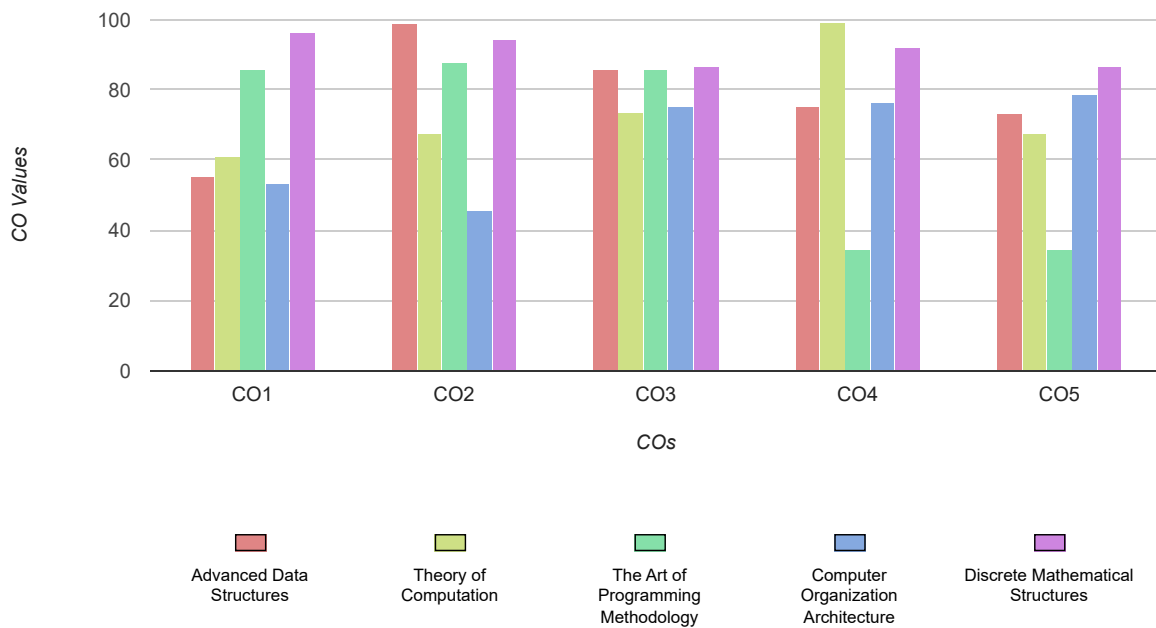
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Design and Analysis of Algorithms	CC19PCSS2C06	90.22	91.68	86.56	92.96	35.36
Practical II	CC19PCSS2L02	84.37	91.04			
Operating System Concepts	CC19PCSS2C07	77.60	72.80	98.40	89.26	78.93
Computational Intelligence	CC19PCSS2C09	76.32	80.36	78.88	72.48	34.08
Computer Networks	CC19PCSS2C08	80.11	71.20	71.52	66.13	53.33
Principles of Software Engineering	CC19PCSS2C10	76.32	67.36	28.69	70.75	73.76
Practical I	CC19PCSS1L01	74.45	74.45			
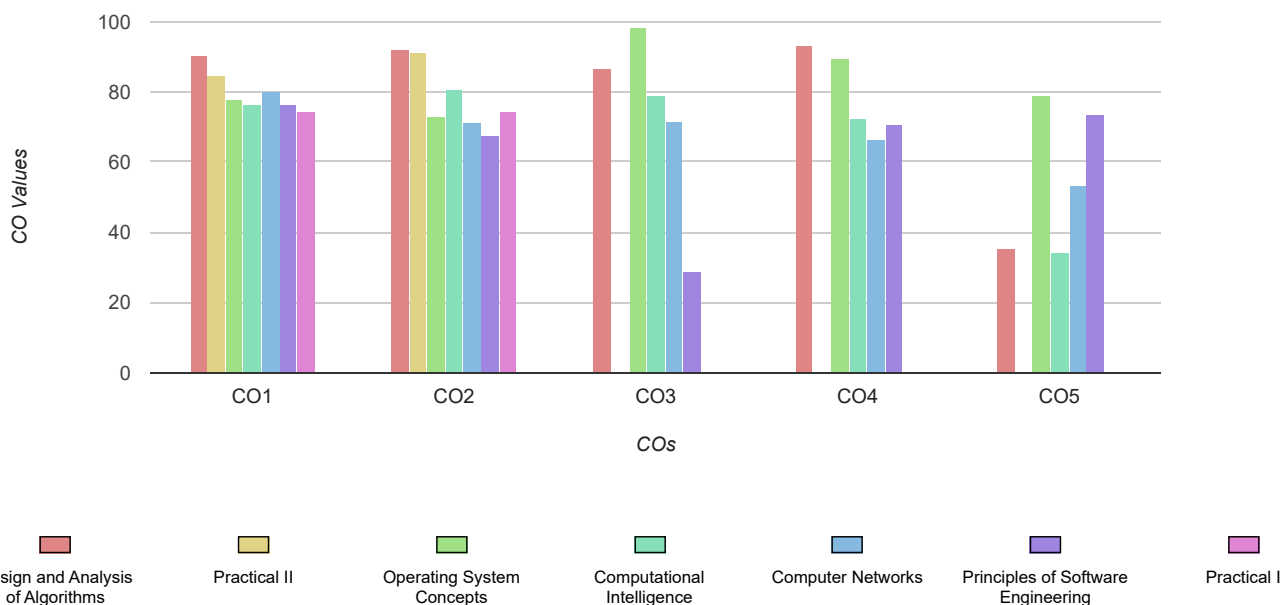
SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Object Oriented Programming Concepts	CC19PCSS3C12	95.71	96.80	69.79	57.60	82.74
Bioinformatics	CC19PCSS3E01D	73.58	88.03	75.97	66.13	77.49
Advanced Database Management System	CC19PCSS3C11	78.40	42.63	60.50	65.11	74.88
Principles of Compilers	CC19PCSS3C13	85.60	65.81	75.36	71.64	32.50
Cryptography and Network Security	CC19PCSS3E02C	84.54	85.95	95.93	67.03	47.08
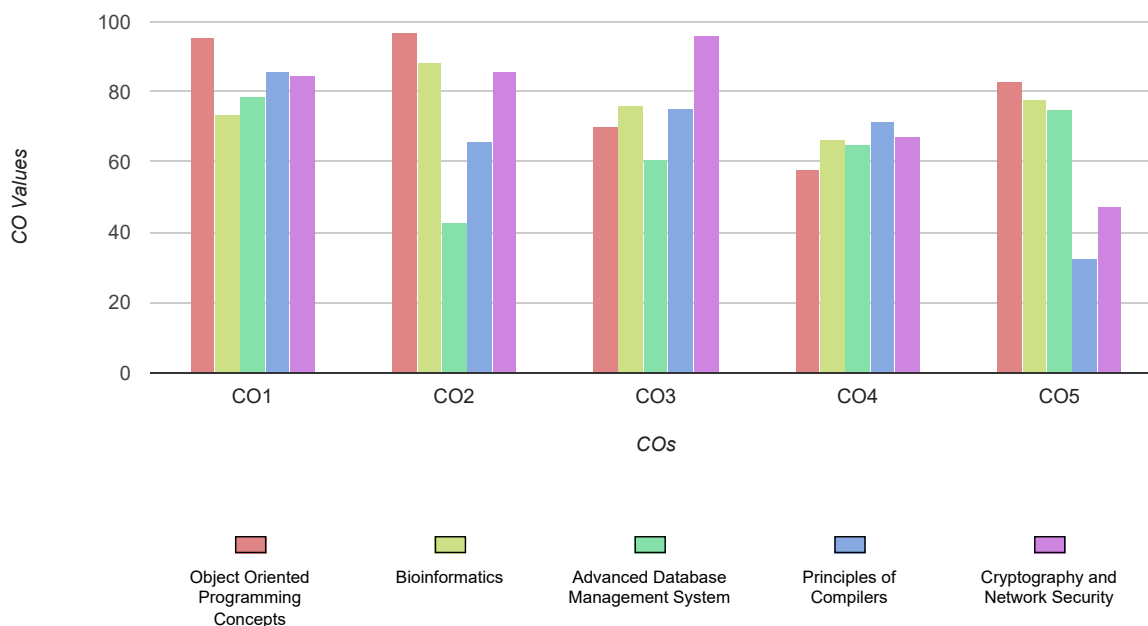
SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Practical III	CC19PCSS3L03	67.46	64.26			
Fundamentals of Big Data	CC19PCSS4E03E	67.38	96.53	87.73	98.40	100.00
Digital Image Processing	CC19PCSS4E04A	100.00	92.00	84.00	100.00	88.00
Project and Viva	CC19PCSS4P01	85.02	85.02			
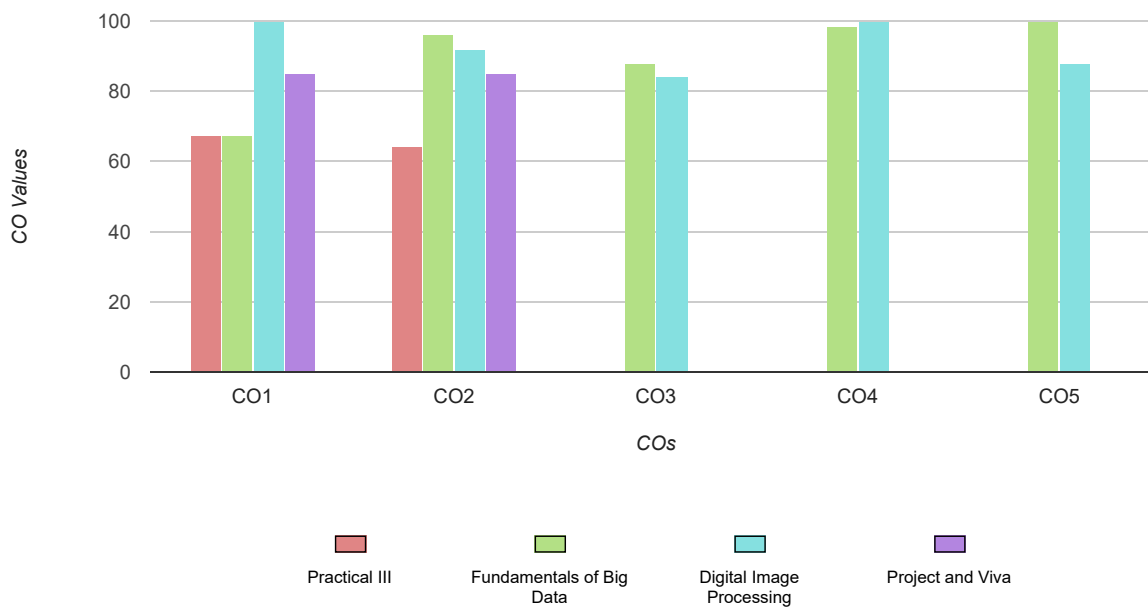
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA.Kerala-680125
Reaccredited by NAAC with 'A++' grade

OBE CARD

Department:	COMPUTER SCIENCE SF
Program:	M.Sc. Computer Science
Batch:	MSC CS 2022

Name:	SAGAR R
Register No:	CCAWMCS005
Admission No:	28311
Entry Year:	2022
Exit Year:	2024

This report provides the evidence of OBE implementation in CHRIST COLLEGE (AUTONOMOUS), and the measurement of both direct and indirect assessment of students during the academic year 2022-2024
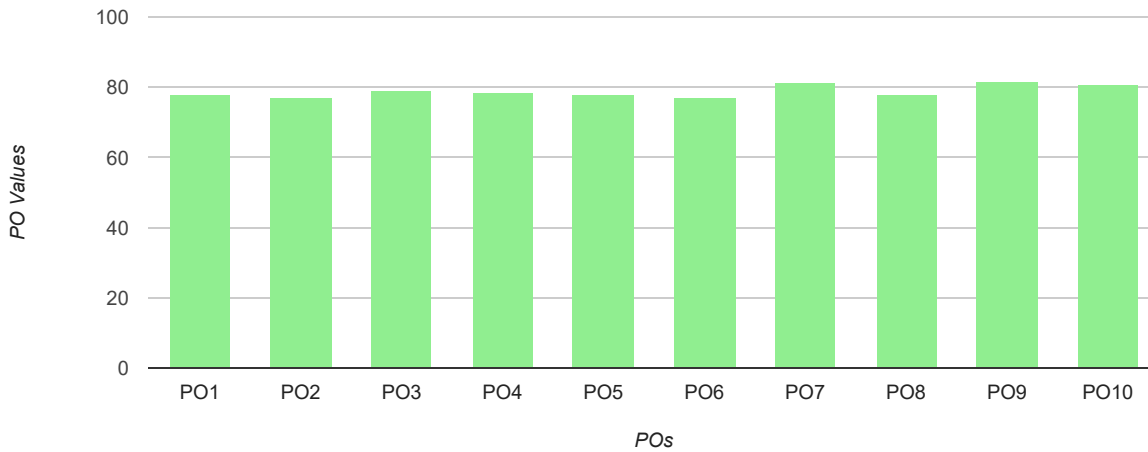
Program: M.Sc. Computer Science

Program Outcome LIST

PO CODE	PO DESCRIPTION
PO1	A thorough knowledge in the chosen discipline
PO2	An aptitude for research
PO3	An independent and individual way of thinking and communicating ideas
PO4	The ability to access and utilize knowledge and information for personal and general good
PO5	The discretion to engage in academic work with academic integrity
PO6	The knowhow to function in multidisciplinary domains
PO7	A global perspective, facilitating appropriate interaction with people from various cultural, lingui
PO8	Decision-making and reasoning ability to find solutions to ethical problems
PO9	A spirit of selfless service making him willing to serve the needy and themarginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF SAGAR R										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	77.93	77.18	79.19	78.41	78.03	77.42	81.37	78.00	81.90	81.03

Program Specific Outcome LIST

| PSO CODE	PSO DESCRIPTION
PSO1	To introduce new concepts , use Engineering-Mathematical models and utilize them for problem
PSO2	Create and apply scientific mindset to analyze ,design and validate ICT systems
PSO3	Evolve innovations in Computer Science, leading them for research.
PSO4	Develop,gain and exemplify knowledge in wide areas in Computer Science
PSO5	Prepare detail scenario in one of the specialized areas

Program Specific Outcome Attainment

PROGRAM SPECIFIC OUTCOME PERCENTAGE OF SAGAR R					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	77.72	77.44	77.57	77.85	77.60
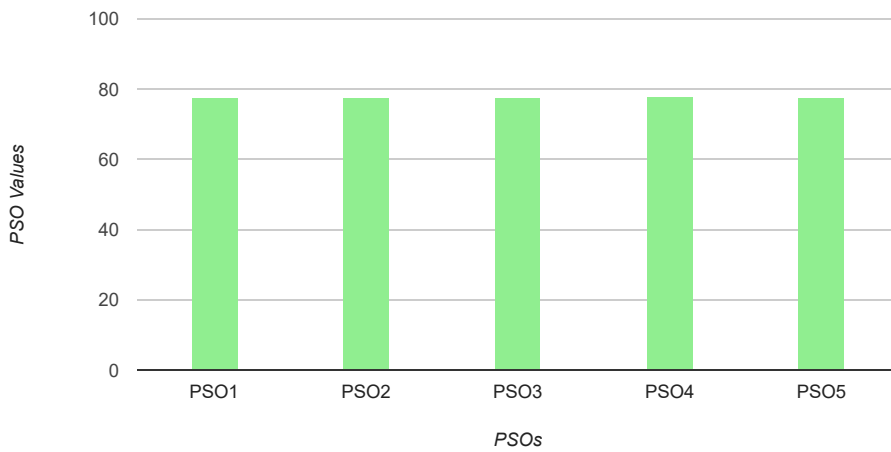
| SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Data Structures	CC19PCSS1C02	54.56	76.14	85.28	74.08	72.48
Theory of Computation	CC19PCSS1C03	73.76	67.36	86.56	84.00	73.76
The Art of Programming Methodology	CC19PCSS1C04	98.72	78.24	87.84	85.92	34.72
Computer Organization Architecture	CC19PCSS1C05	98.08	59.68	48.30	77.60	76.14
Discrete Mathematical Structures	CC19PCSS1C01	89.12	92.96	72.48	90.40	74.31
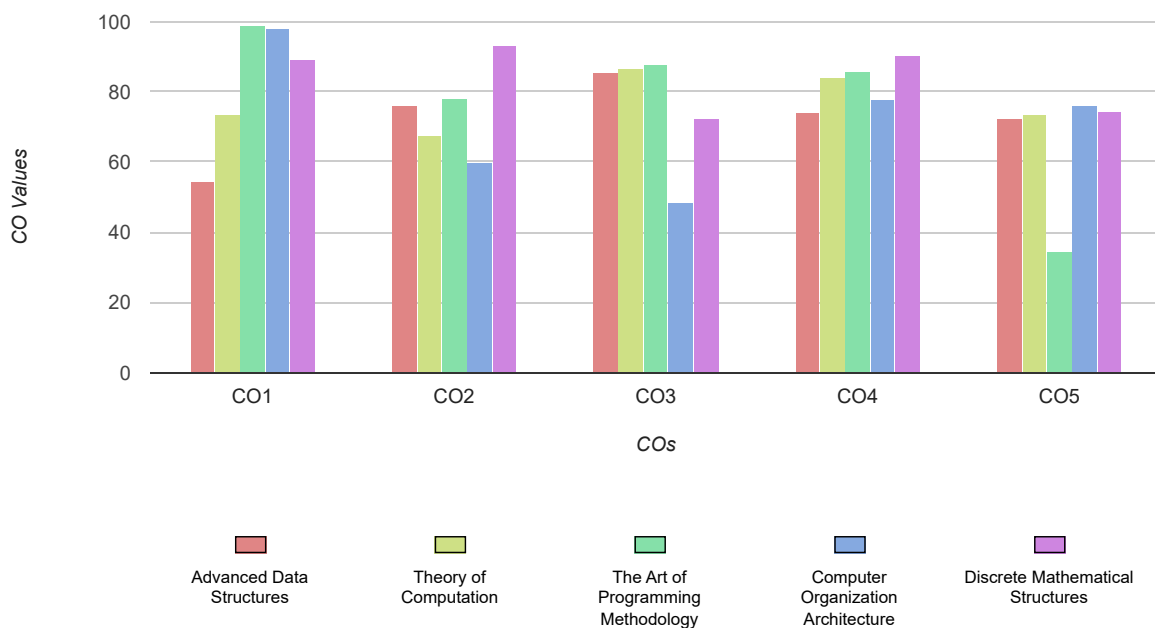
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Design and Analysis of Algorithms	CC19PCSS2C06	92.05	84.94	92.32	85.65	28.05
Practical II	CC19PCSS2L02	97.23	97.23			
Operating System Concepts	CC19PCSS2C07	88.48	59.68	80.16	77.60	65.81
Computational Intelligence	CC19PCSS2C09	61.33	25.49	57.49	68.00	51.09
Computer Networks	CC19PCSS2C08	79.32	70.43	86.43	73.63	60.83
Principles of Software Engineering	CC19PCSS2C10	73.76	71.93	60.96	68.64	54.29
Practical I	CC19PCSS1L01	97.87	97.87			
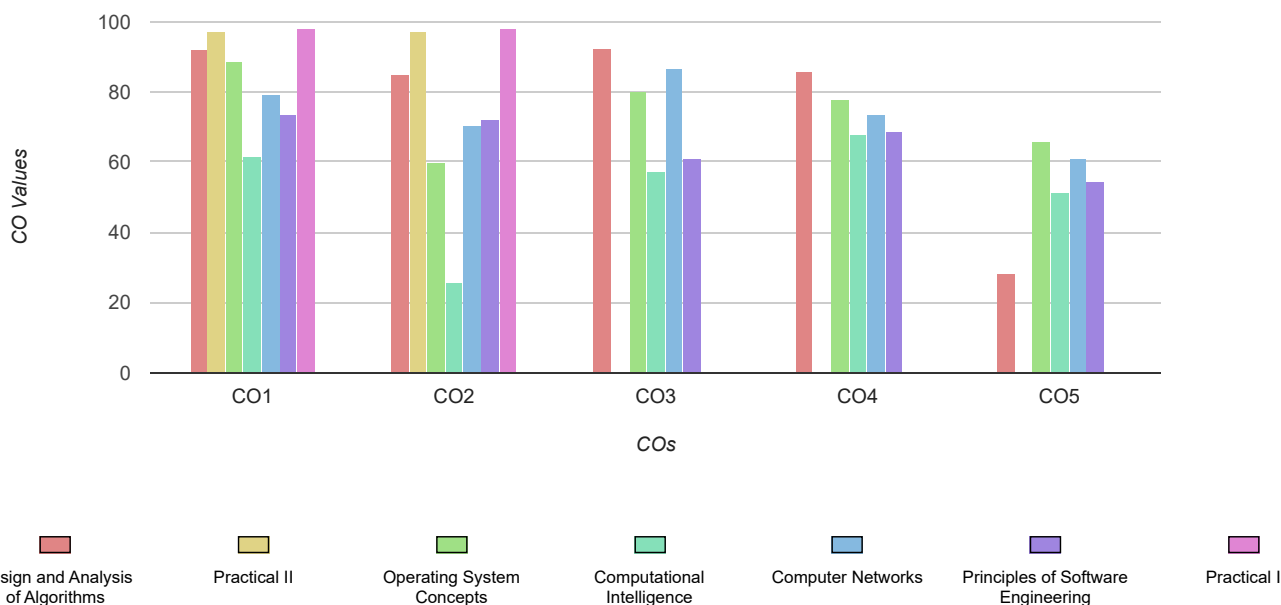
SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Object Oriented Programming Concepts	CC19PCSS3C12	85.73	85.66	78.23	89.33	92.53
Bioinformatics	CC19PCSS3E01D	87.51	89.49	87.94	73.97	64.00
Advanced Database Management System	CC19PCSS3C11	67.73	40.76	53.71	62.55	74.08
Principles of Compilers	CC19PCSS3C13	66.13	26.90	59.05	58.60	72.80
Cryptography and Network Security	CC19PCSS3E02C	76.37	73.56	78.84	28.28	72.55
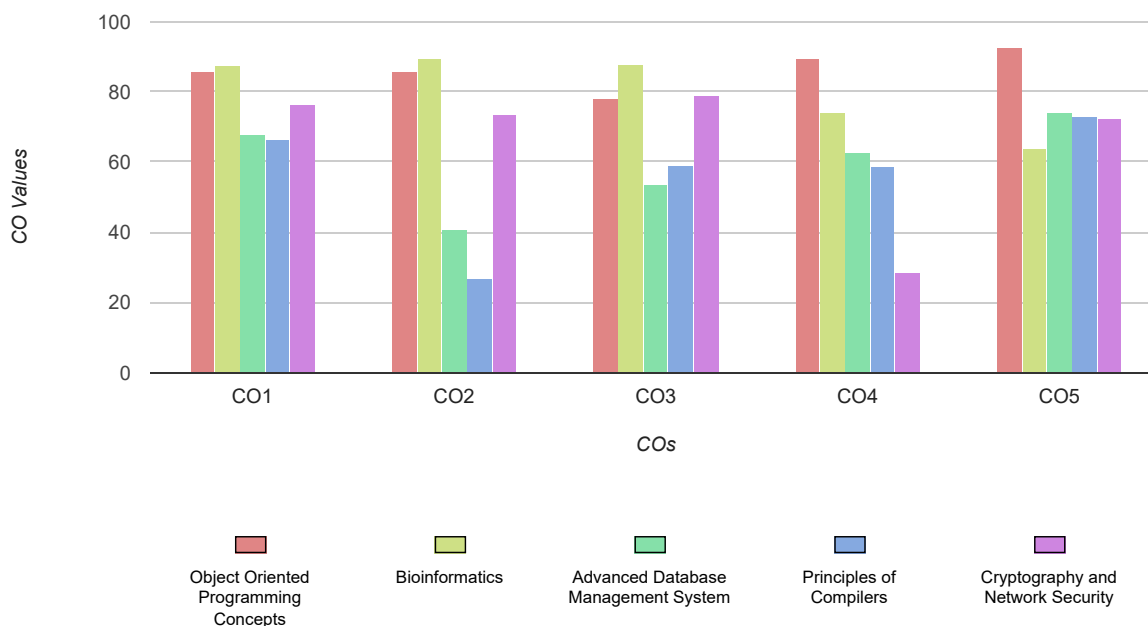
SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Practical III	CC19PCSS3L03	96.67	96.67			
Fundamentals of Big Data	CC19PCSS4E03E	67.73	94.40	61.60	96.80	74.40
Digital Image Processing	CC19PCSS4E04A	88.00	92.00	100.00	100.00	88.00
Project and Viva	CC19PCSS4P01	95.78	95.78			
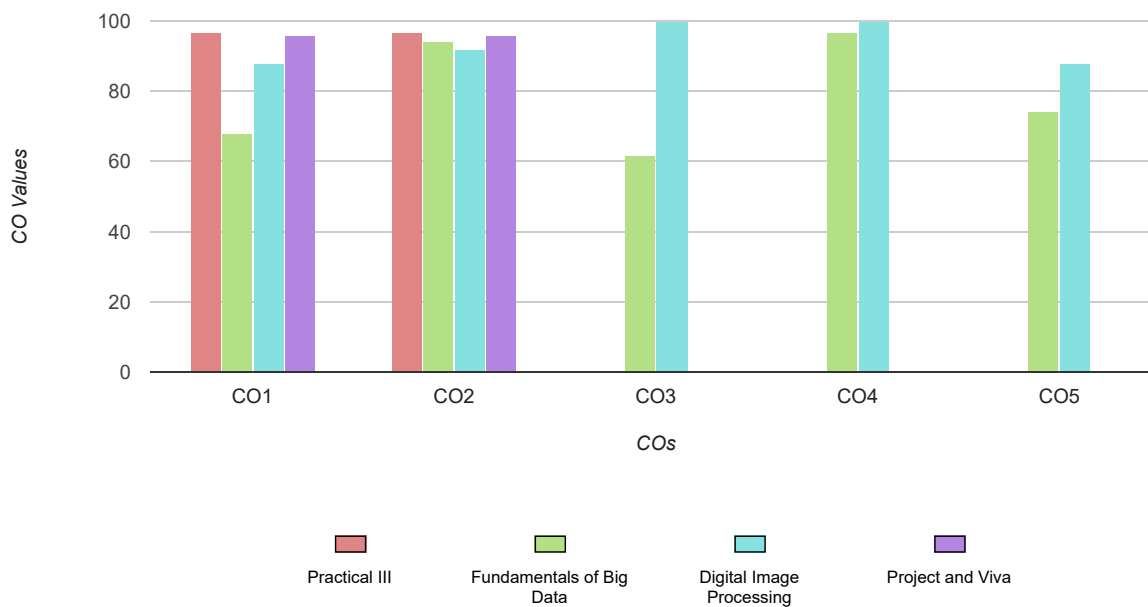
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA.Kerala-680125
Reaccredited by NAAC with 'A++' grade

OBE CARD

Department:	COMPUTER SCIENCE SF
Program:	M.Sc. Computer Science
Batch:	MSC CS 2022

Name:	JESLIN RANI JIJO
Register No:	CCAWMCS002
Admission No:	28308
Entry Year:	2022
Exit Year:	2024

This report provides the evidence of OBE implementation in CHRIST COLLEGE (AUTONOMOUS), and the measurement of both direct and indirect assessment of students during the academic year 2022-2024
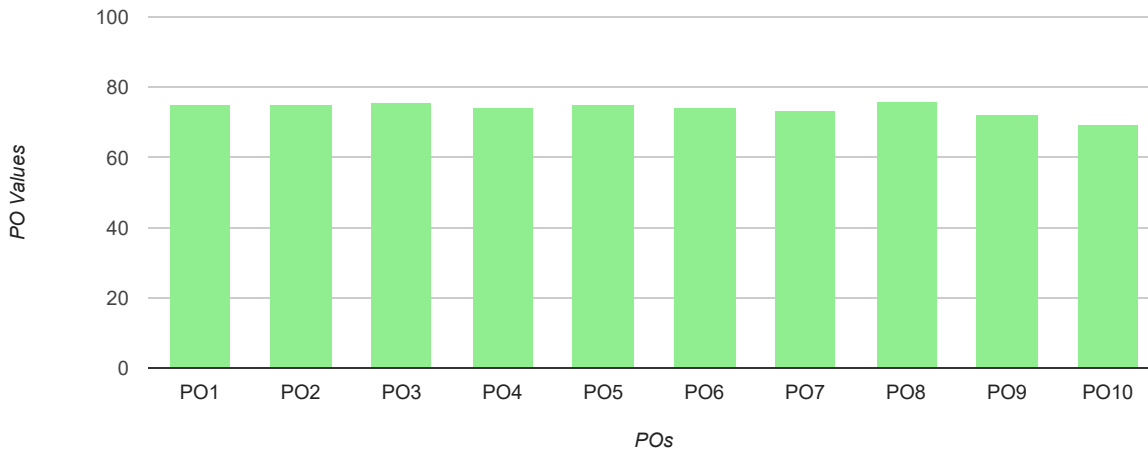
Program: M.Sc. Computer Science

Program Outcome LIST

PO CODE	PO DESCRIPTION
PO1	A thorough knowledge in the chosen discipline
PO2	An aptitude for research
PO3	An independent and individual way of thinking and communicating ideas
PO4	The ability to access and utilize knowledge and information for personal and general good
PO5	The discretion to engage in academic work with academic integrity
PO6	The knowhow to function in multidisciplinary domains
PO7	A global perspective, facilitating appropriate interaction with people from various cultural, lingui
PO8	Decision-making and reasoning ability to find solutions to ethical problems
PO9	A spirit of selfless service making him willing to serve the needy and themarginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF JESLIN RANI JIJO									
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	75.03	75.06	75.54	74.29	75.21	74.48	73.39	75.89	72.52	69.37

Program Specific Outcome LIST

PSO CODE	PSO DESCRIPTION
PSO1	To introduce new concepts , use Engineering-Mathematical models and utilize them for problem
PSO2	Create and apply scientific mindset to analyze ,design and validate ICT systems
PSO3	Evolve innovations in Computer Science, leading them for research.
PSO4	Develop,gain and exemplify knowledge in wide areas in Computer Science
PSO5	Prepare detail scenario in one of the specialized areas

**Program Specific Outcome Attainment**

PROGRAM SPECIFIC OUTCOME PERCENTAGE OF JESLIN RANI JIJO					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	75.29	74.95	75.21	75.21	75.02
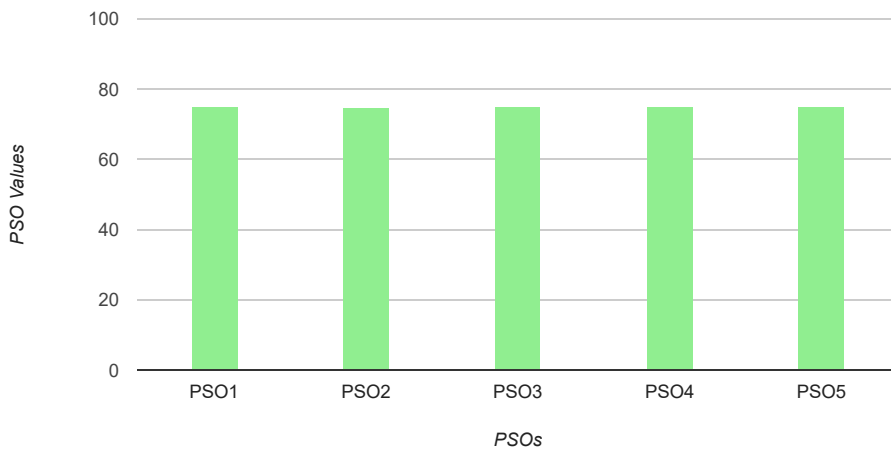
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	**Course Code**	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**
Advanced Data Structures	**CC19PCSS1C02**	66.08	88.39	86.56	84.96	86.56
Theory of Computation	**CC19PCSS1C03**	34.72	82.72	75.68	83.36	73.12
The Art of Programming Methodology	**CC19PCSS1C04**	97.12	90.72	91.63	84.32	84.32
Computer Organization Architecture	**CC19PCSS1C05**	59.36	59.36	72.16	62.93	75.82
Discrete Mathematical Structures	**CC19PCSS1C01**	95.84	99.68	99.68	92.00	90.54
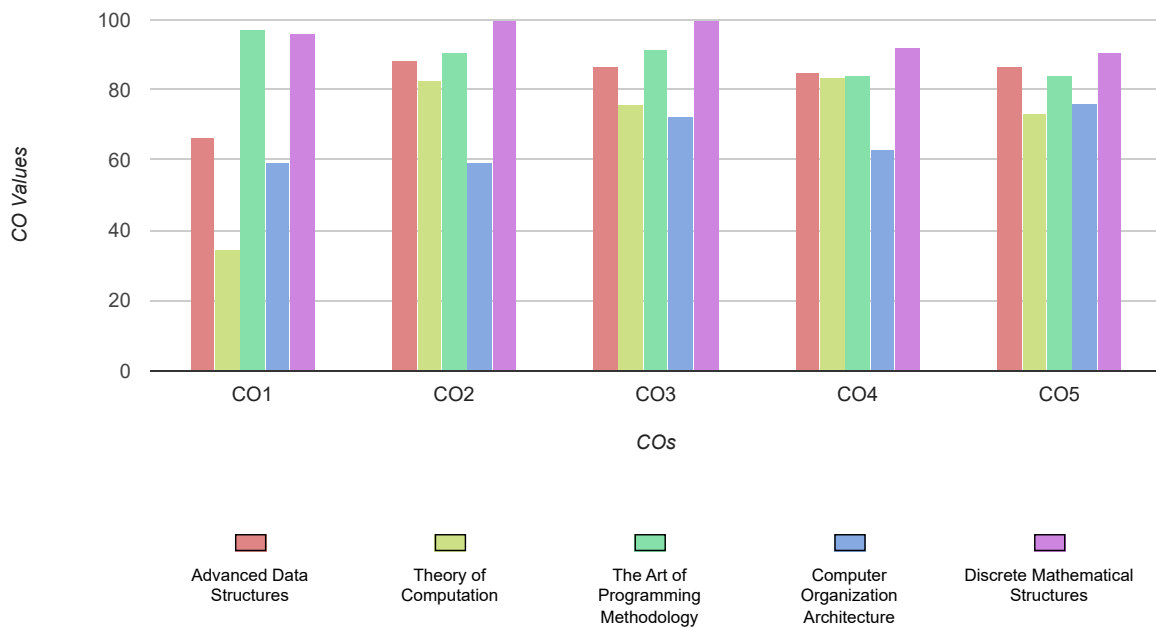
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Design and Analysis of Algorithms	CC19PCSS2C06	87.00	86.14	72.06	91.00	33.66
Practical II	CC19PCSS2L02	67.36	67.36			
Operating System Concepts	CC19PCSS2C07	98.72	34.72	85.92	89.58	85.92
Computational Intelligence	CC19PCSS2C09	76.96	56.21	65.44	65.44	70.56
Computer Networks	CC19PCSS2C08	76.97	71.71	70.75	80.99	34.91
Principles of Software Engineering	CC19PCSS2C10	78.88	56.39	48.16	92.96	99.36
Practical I	CC19PCSS1L01	54.40	54.40			
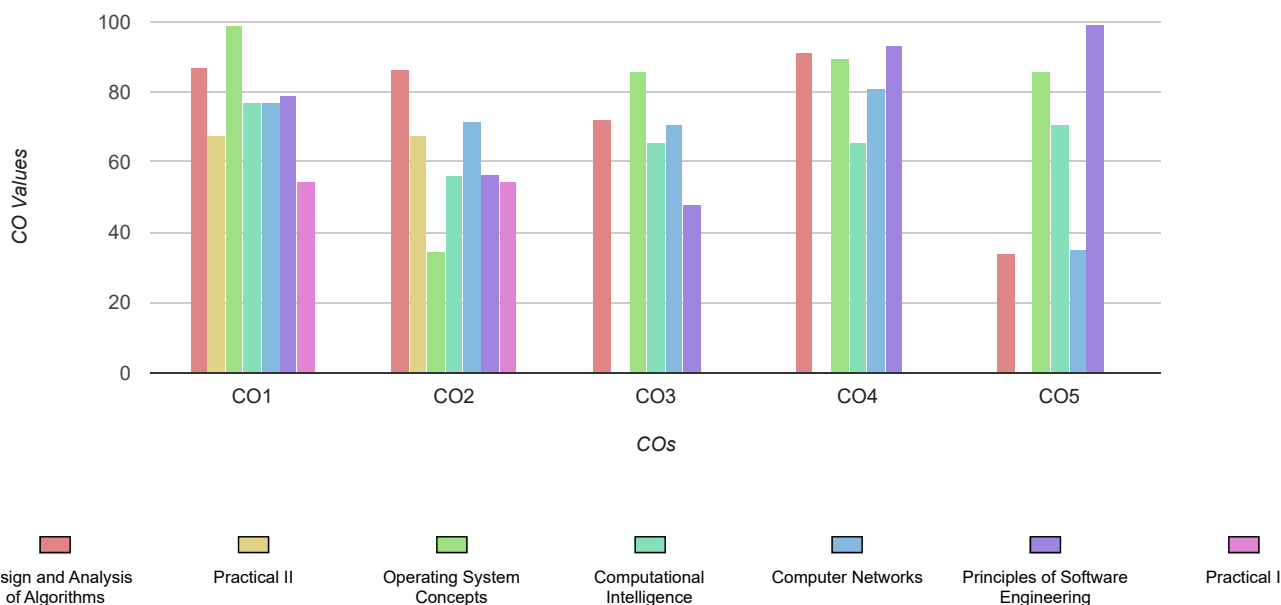
SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Object Oriented Programming Concepts	CC19PCSS3C12	82.93	68.00	80.80	70.40	75.20
Bioinformatics	CC19PCSS3E01D	92.62	82.72	73.76	70.24	98.90
Advanced Database Management System	CC19PCSS3C11	81.33	54.56	61.79	72.42	70.40
Principles of Compilers	CC19PCSS3C13	97.60	65.17	68.57	62.57	32.00
Cryptography and Network Security	CC19PCSS3E02C	87.58	78.50	84.73	82.01	31.13
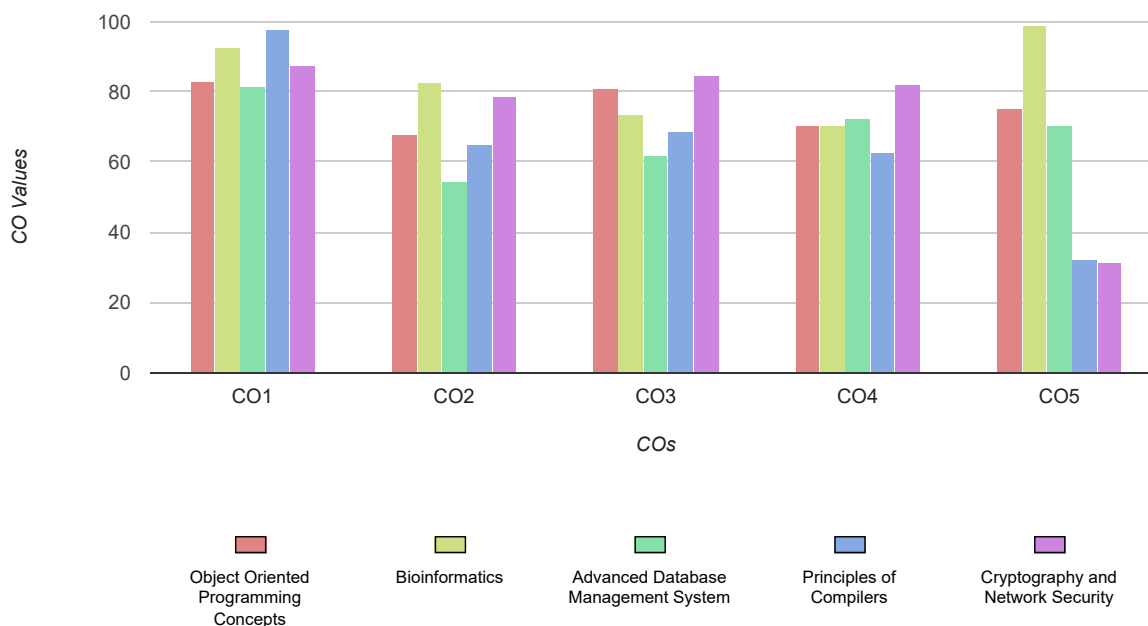
SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Practical III	CC19PCSS3L03	79.14	82.34			
Fundamentals of Big Data	CC19PCSS4E03E	63.29	76.80	46.40	69.12	61.71
Digital Image Processing	CC19PCSS4E04A	81.33	96.00	82.29	100.00	84.00
Project and Viva	CC19PCSS4P01	89.11	95.78			
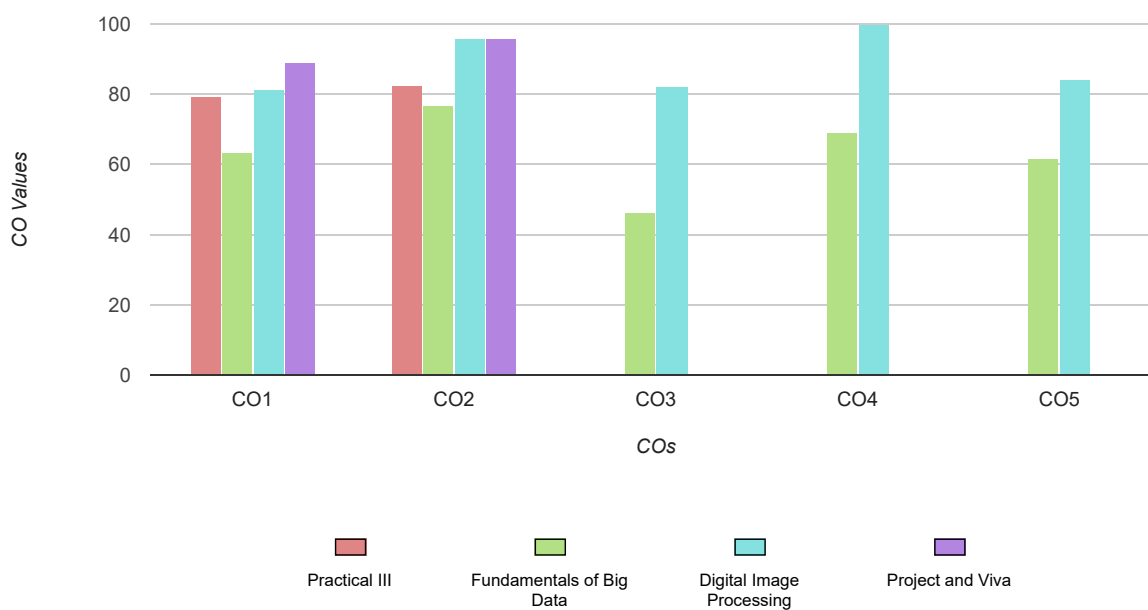
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA.Kerala-680125
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OBE CARD

Department:	COMPUTER SCIENCE SF
Program:	M.Sc. Computer Science
Batch:	MSC CS 2022

Name:	NEEMA.BABU
Register No:	CCAWMCS004
Admission No:	28310
Entry Year:	2022
Exit Year:	2024

This report provides the evidence of OBE implementation in CHRIST COLLEGE (AUTONOMOUS), and the measurement of both direct and indirect assessment of students during the academic year 2022-2024
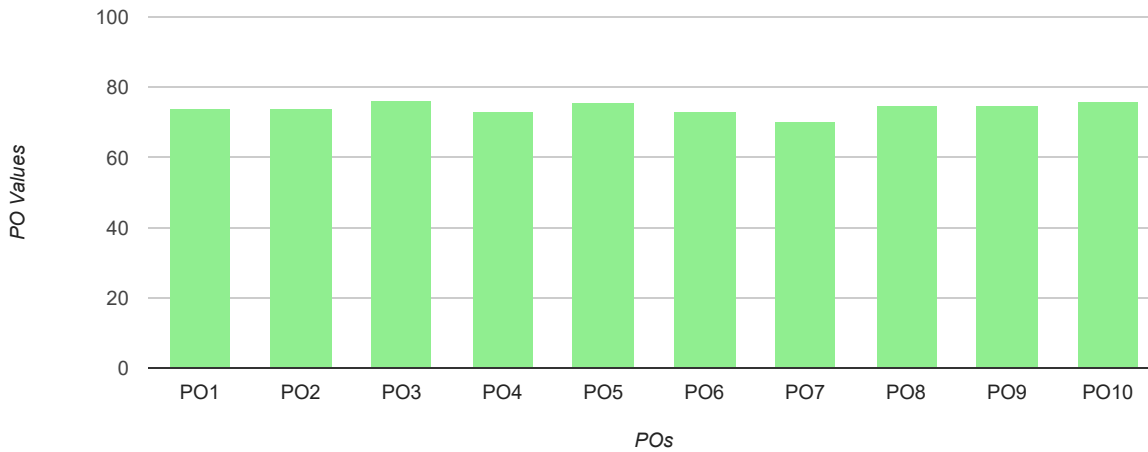
Program: M.Sc. Computer Science

Program Outcome LIST

PO CODE	PO DESCRIPTION
PO1	A thorough knowledge in the chosen discipline
PO2	An aptitude for research
PO3	An independent and individual way of thinking and communicating ideas
PO4	The ability to access and utilize knowledge and information for personal and general good
PO5	The discretion to engage in academic work with academic integrity
PO6	The knowhow to function in multidisciplinary domains
PO7	A global perspective, facilitating appropriate interaction with people from various cultural, lingui
PO8	Decision-making and reasoning ability to find solutions to ethical problems
PO9	A spirit of selfless service making him willing to serve the needy and themarginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF NEEMA.BABU									
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	74.12	73.96	76.40	73.32	75.60	73.31	70.47	74.91	74.79	75.98

Program Specific Outcome LIST

| PSO CODE	PSO DESCRIPTION
PSO1	To introduce new concepts , use Engineering-Mathematical models and utilize them for problem
PSO2	Create and apply scientific mindset to analyze ,design and validate ICT systems
PSO3	Evolve innovations in Computer Science, leading them for research.
PSO4	Develop,gain and exemplify knowledge in wide areas in Computer Science
PSO5	Prepare detail scenario in one of the specialized areas

Program Specific Outcome Attainment

PROGRAM SPECIFIC OUTCOME PERCENTAGE OF NEEMA.BABU					
PSO CODE	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
	73.30	73.85	74.18	74.07	74.05
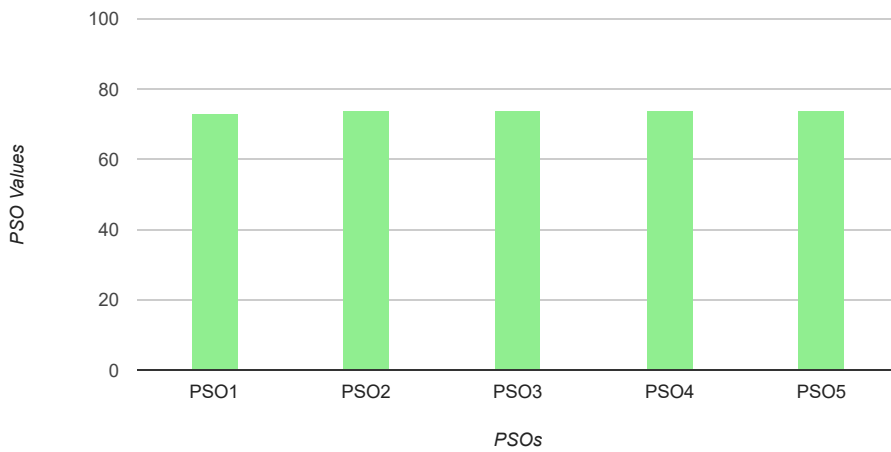
| SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Data Structures	CC19PCSS1C02	51.73	68.92	67.09	64.14	28.69
Theory of Computation	CC19PCSS1C03	85.28	70.65	98.08	98.08	64.33
The Art of Programming Methodology	CC19PCSS1C04	86.47	67.57	81.75	33.44	84.64
Computer Organization Architecture	CC19PCSS1C05	79.70	63.89	70.56	56.60	76.69
Discrete Mathematical Structures	CC19PCSS1C01	81.39	86.88	61.28	99.68	83.04
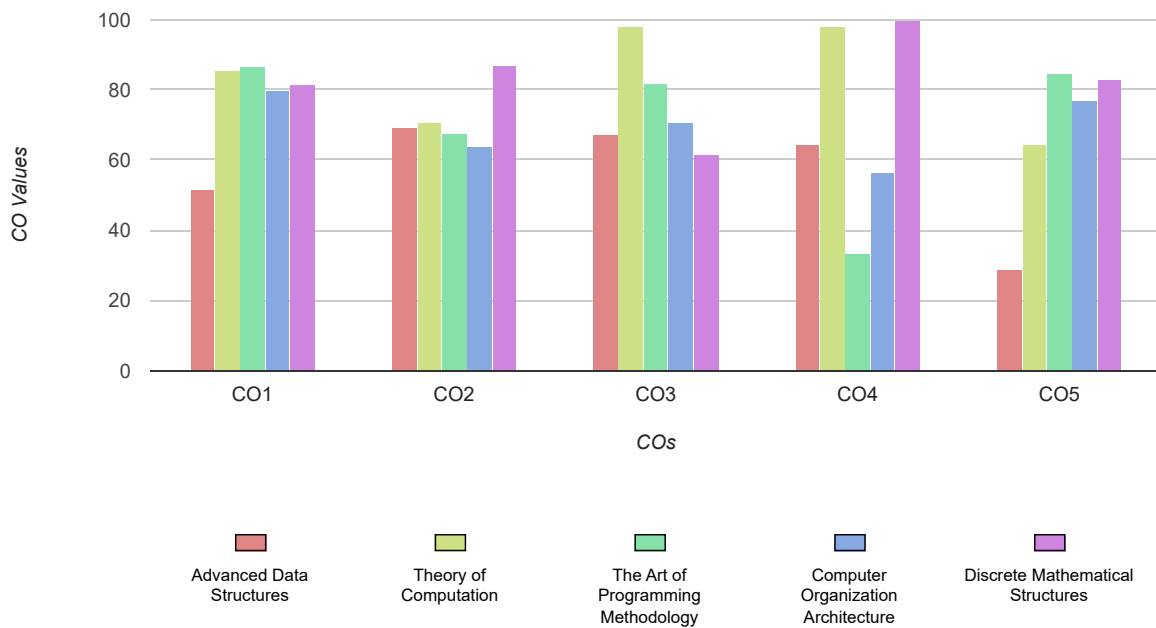
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Design and Analysis of Algorithms	CC19PCSS2C06	98.50	92.52	72.90	85.70	47.30
Practical II	CC19PCSS2L02	91.68	91.68			
Operating System Concepts	CC19PCSS2C07	92.64	60.64	41.17	80.75	82.58
Computational Intelligence	CC19PCSS2C09	76.96	38.56	83.36	58.77	63.89
Computer Networks	CC19PCSS2C08	62.06	67.04	67.04	60.64	28.37
Principles of Software Engineering	CC19PCSS2C10	98.72	52.32	34.72	65.81	85.92
Practical I	CC19PCSS1L01	75.73	75.73			
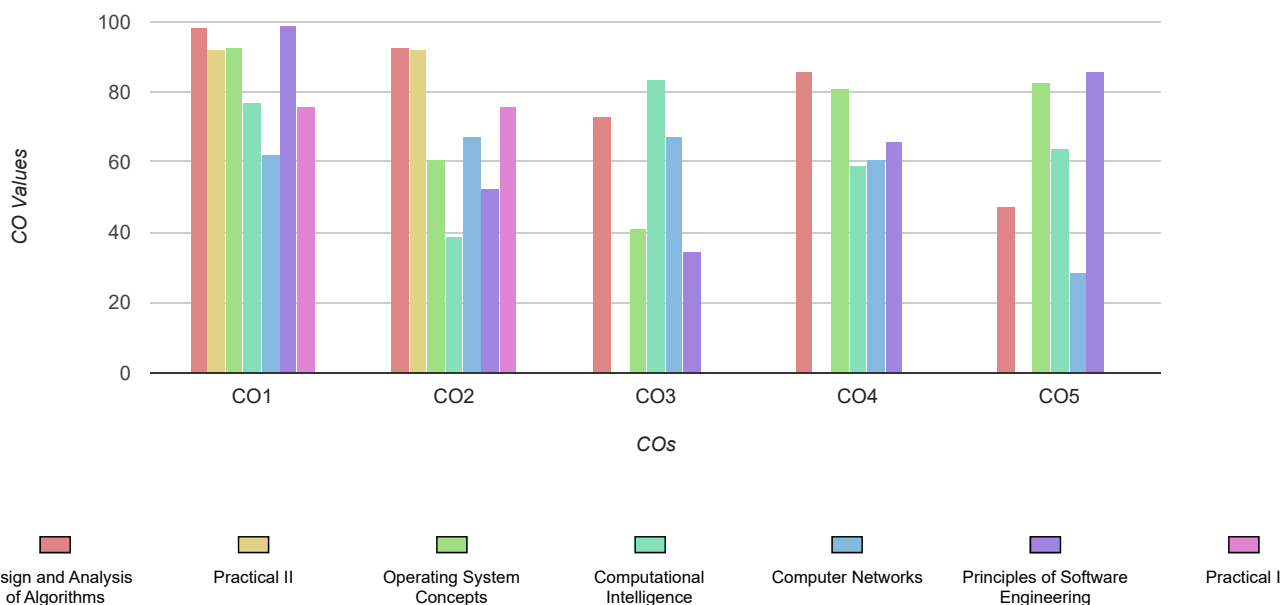
SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Object Oriented Programming Concepts	CC19PCSS3C12	93.17	83.87	88.74	60.30	55.04
Bioinformatics	CC19PCSS3E01D	82.06	22.93	72.79	77.90	79.73
Advanced Database Management System	CC19PCSS3C11	80.27	60.77	78.16	61.01	82.72
Principles of Compilers	CC19PCSS3C13	46.40	66.05	70.40	53.70	25.89
Cryptography and Network Security	CC19PCSS3E02C	99.06	90.93	70.03	78.11	58.83
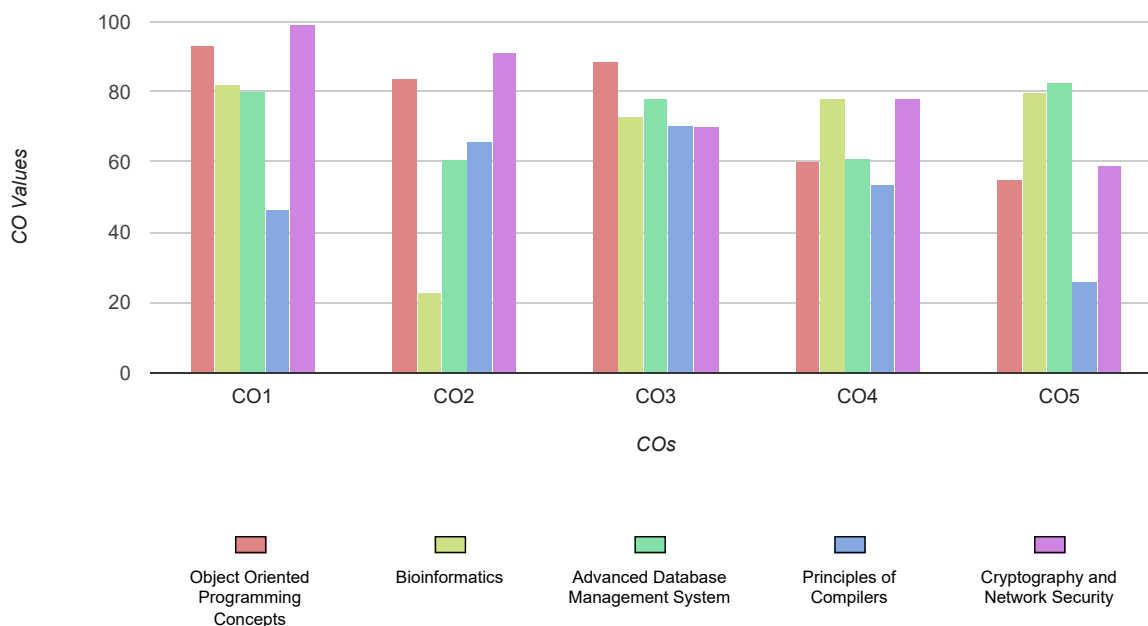
SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Practical III	CC19PCSS3L03	91.55	91.55			
Fundamentals of Big Data	CC19PCSS4E03E	73.33	96.80	40.53	75.36	76.23
Digital Image Processing	CC19PCSS4E04A	96.00	93.33	92.00	93.33	81.33
Project and Viva	CC19PCSS4P01	85.02	85.02			
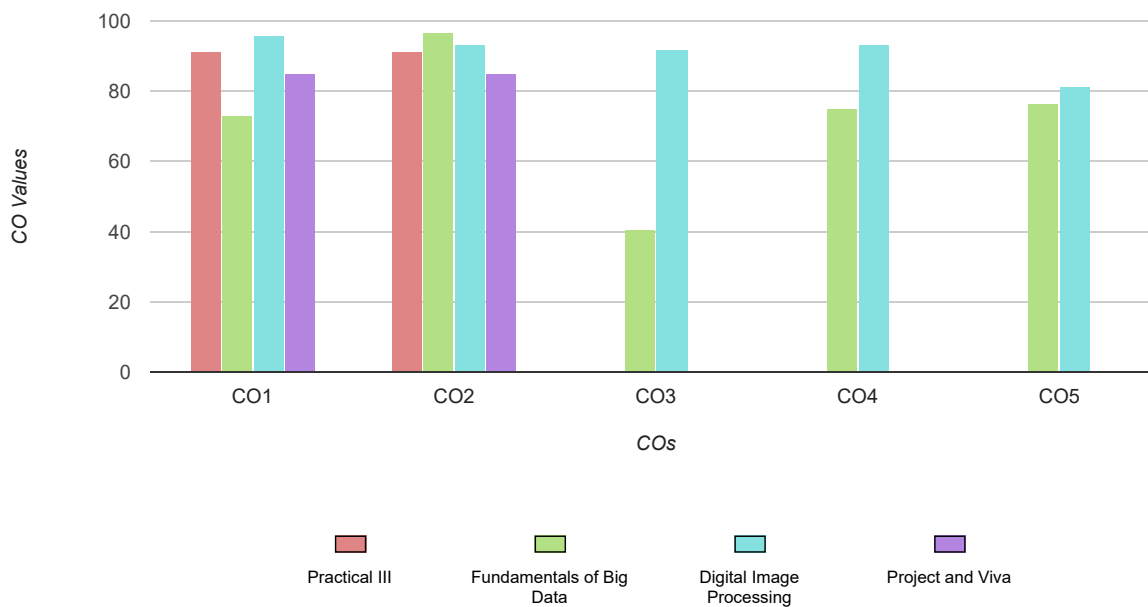
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA.Kerala-680125
Reaccredited by NAAC with 'A++' grade

OBE CARD

Department:	COMPUTER SCIENCE SF
Program:	M.Sc. Computer Science
Batch:	MSC CS 2022

Name:	JISMY JOSE
Register No:	CCAWMCS003
Admission No:	28309
Entry Year:	2022
Exit Year:	2024

This report provides the evidence of OBE implementation in CHRIST COLLEGE (AUTONOMOUS), and the measurement of both direct and indirect assessment of students during the academic year 2022-2024
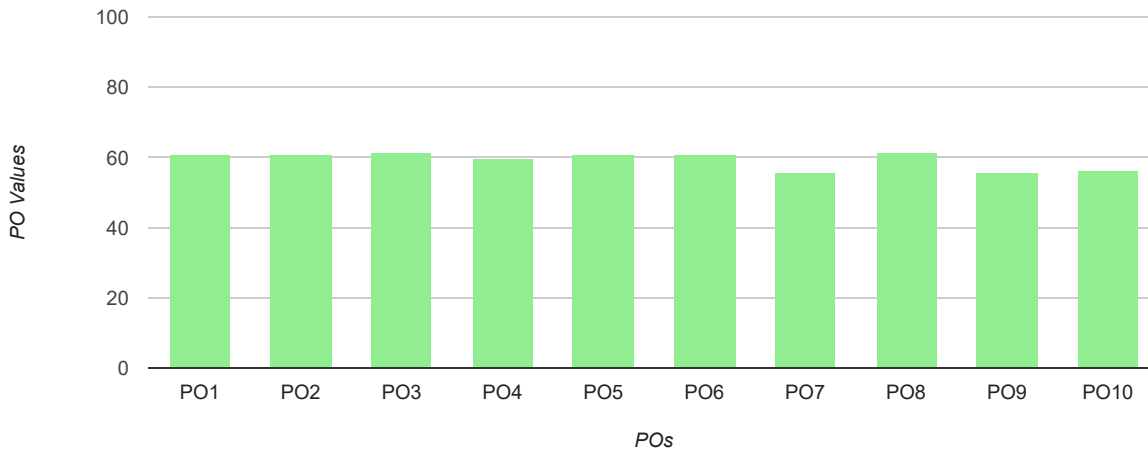
Program: M.Sc. Computer Science

Program Outcome LIST

PO CODE	PO DESCRIPTION
PO1	A thorough knowledge in the chosen discipline
PO2	An aptitude for research
PO3	An independent and individual way of thinking and communicating ideas
PO4	The ability to access and utilize knowledge and information for personal and general good
PO5	The discretion to engage in academic work with academic integrity
PO6	The knowhow to function in multidisciplinary domains
PO7	A global perspective, facilitating appropriate interaction with people from various cultural, lingui
PO8	Decision-making and reasoning ability to find solutions to ethical problems
PO9	A spirit of selfless service making him willing to serve the needy and themarginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF JISMY JOSE									
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	61.13	60.93	61.18	59.79	60.81	60.84	55.68	61.58	55.80	56.32

Program Specific Outcome LIST

PSO CODE	PSO DESCRIPTION
PSO1	To introduce new concepts , use Engineering-Mathematical models and utilize them for problem
PSO2	Create and apply scientific mindset to analyze ,design and validate ICT systems
PSO3	Evolve innovations in Computer Science, leading them for research.
PSO4	Develop,gain and exemplify knowledge in wide areas in Computer Science
PSO5	Prepare detail scenario in one of the specialized areas

Program Specific Outcome Attainment

PROGRAM SPECIFIC OUTCOME PERCENTAGE OF JISMY JOSE					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	61.02	61.38	61.38	61.37	61.07
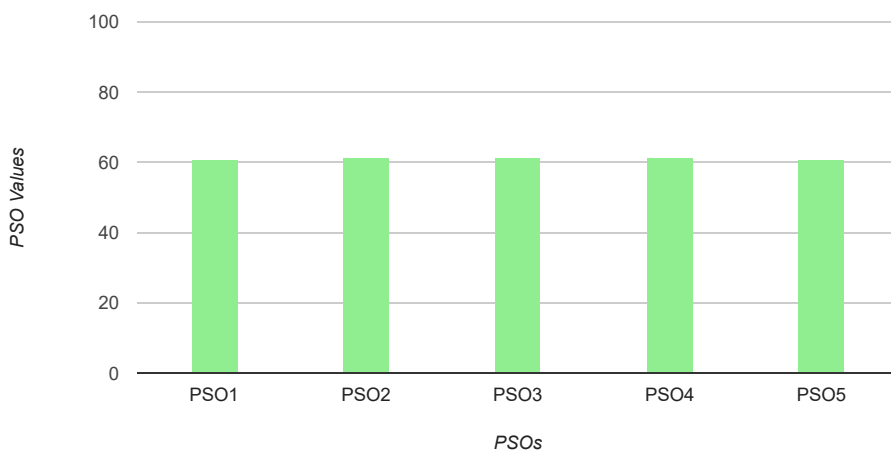
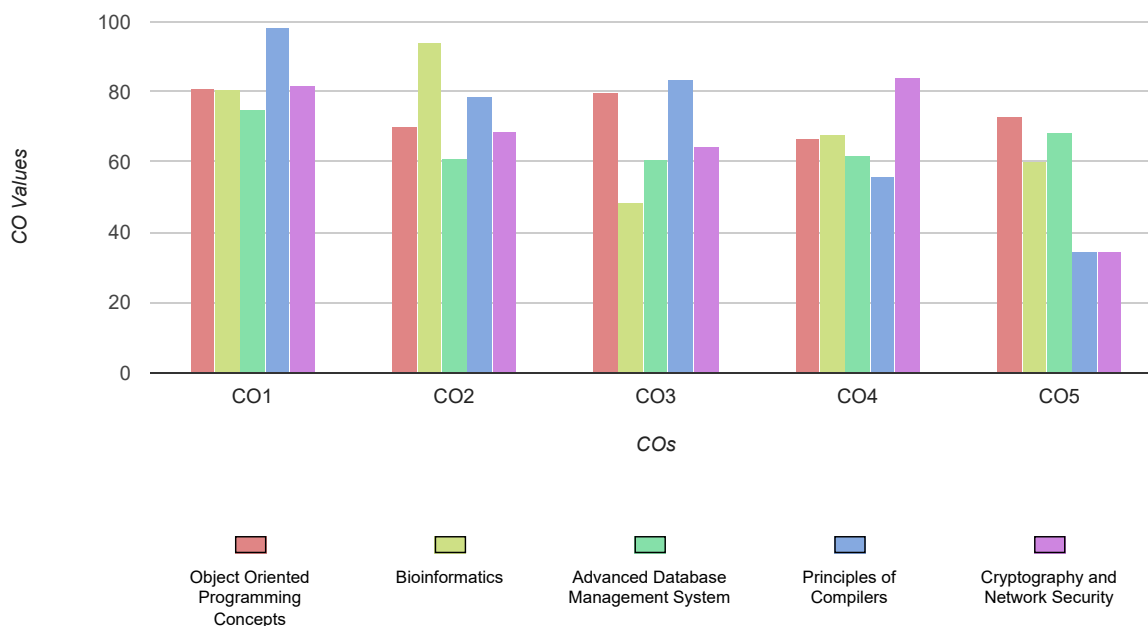| SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Data Structures	CC19PCSS1C02	57.44	55.61	70.24	51.04	31.84
Theory of Computation	CC19PCSS1C03	69.28	67.86	59.68	48.80	50.08
The Art of Programming Methodology	CC19PCSS1C04	95.52	69.92	55.70	82.72	57.12
Computer Organization Architecture	CC19PCSS1C05	71.20	40.05	82.72	40.05	79.06
Discrete Mathematical Structures	CC19PCSS1C01	68.00	32.16	73.12	44.96	59.89
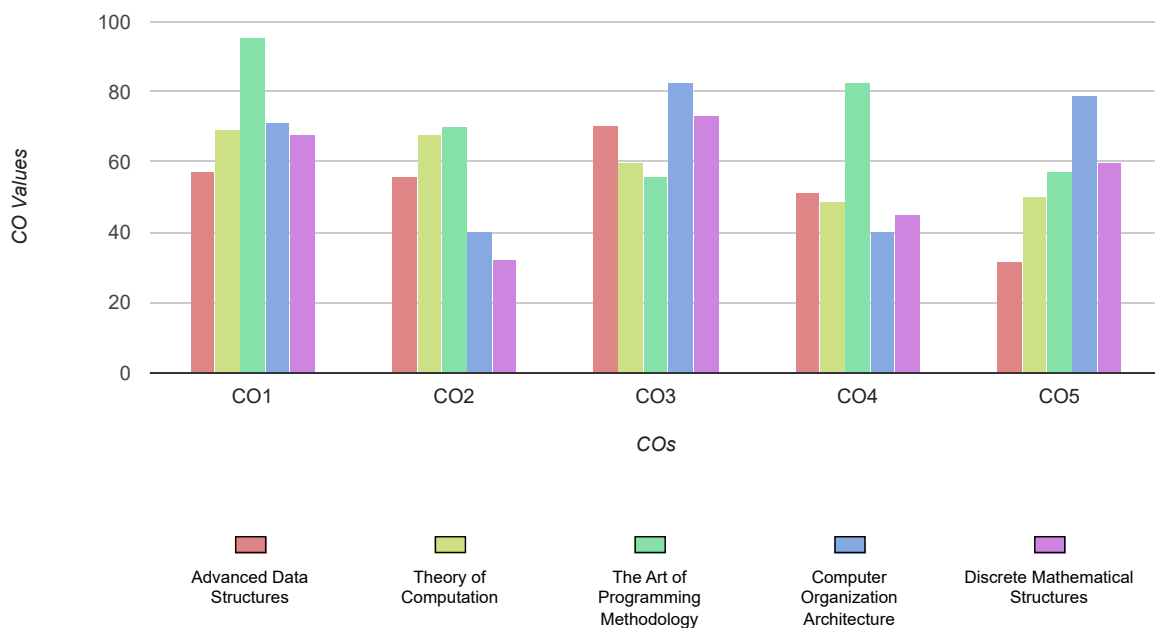
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Design and Analysis of Algorithms	CC19PCSS2C06	56.80	68.00	72.80	72.80	85.60
Practical II	CC19PCSS2L02	63.41	63.41			
Operating System Concepts	CC19PCSS2C07	66.40	56.80	34.40	63.66	61.83
Computational Intelligence	CC19PCSS2C09	34.40	34.40	34.40	34.40	34.40
Computer Networks	CC19PCSS2C08	34.40	34.40	34.40	34.40	34.40
Principles of Software Engineering	CC19PCSS2C10	34.40	34.40	34.40	34.40	34.40
Practical I	CC19PCSS1L01	45.44	45.44			
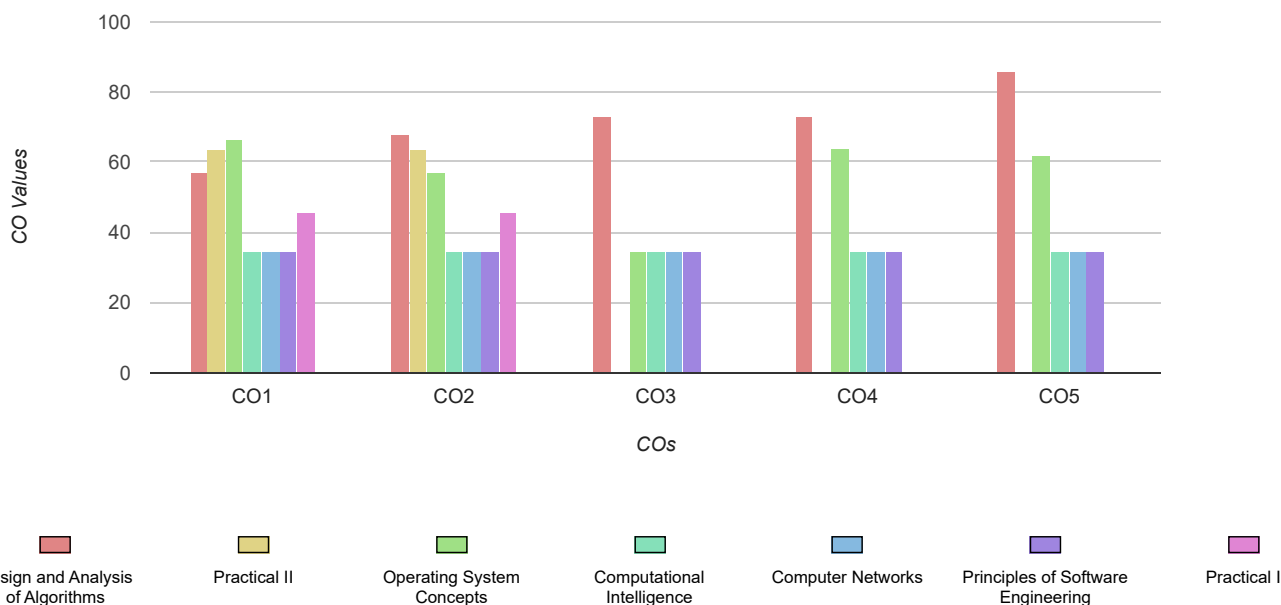
SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Object Oriented Programming Concepts	CC19PCSS3C12	80.91	69.92	79.52	66.68	72.80
Bioinformatics	CC19PCSS3E01D	80.65	93.86	48.53	67.84	60.16
Advanced Database Management System	CC19PCSS3C11	74.93	60.96	60.41	61.94	68.43
Principles of Compilers	CC19PCSS3C13	98.40	78.47	83.20	55.78	34.40
Cryptography and Network Security	CC19PCSS3E02C	81.89	68.68	64.14	84.05	34.45

SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Practical III	**CC19PCSS3L03**	68.77	65.57			
Fundamentals of Big Data	**CC19PCSS4E03E**	77.96	92.00	79.20	40.80	48.80
Digital Image Processing	**CC19PCSS4E04A**	84.00	86.00	80.00	100.00	80.00
Project and Viva	**CC19PCSS4P01**	73.12	73.12			