



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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	ANITTA RAJESH
Register No:	CCAWMMS002
Admission No:	11543
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

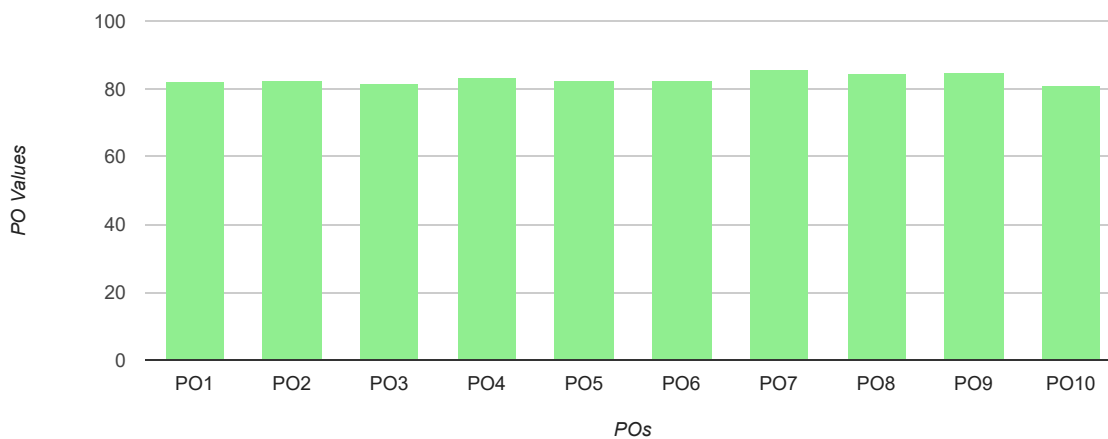
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF ANITTA RAJESH										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	82.22	82.38	81.61	83.52	82.71	82.69	85.76	84.36	85.01	81.08

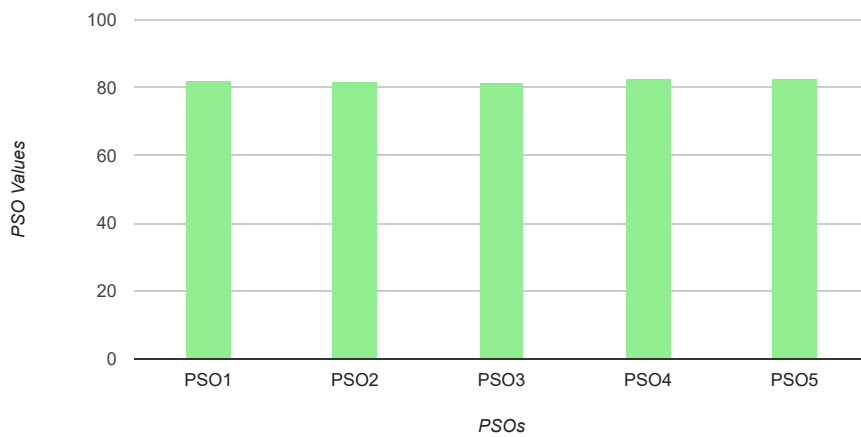


Program Specific Outcome LIST

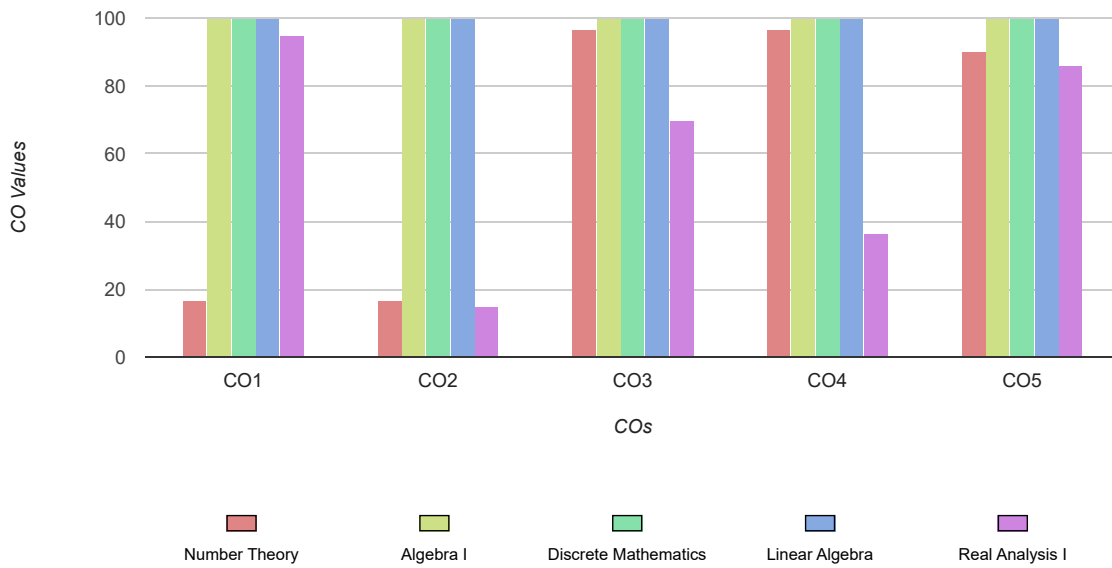
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

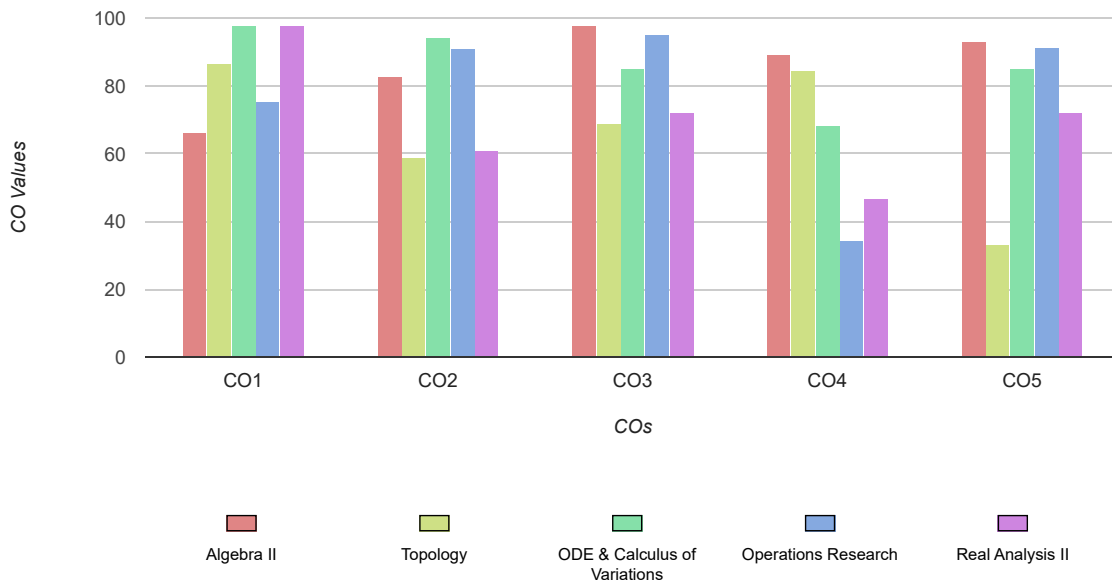
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF ANITTA RAJESH					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	82.22	81.79	81.32	82.65	82.38



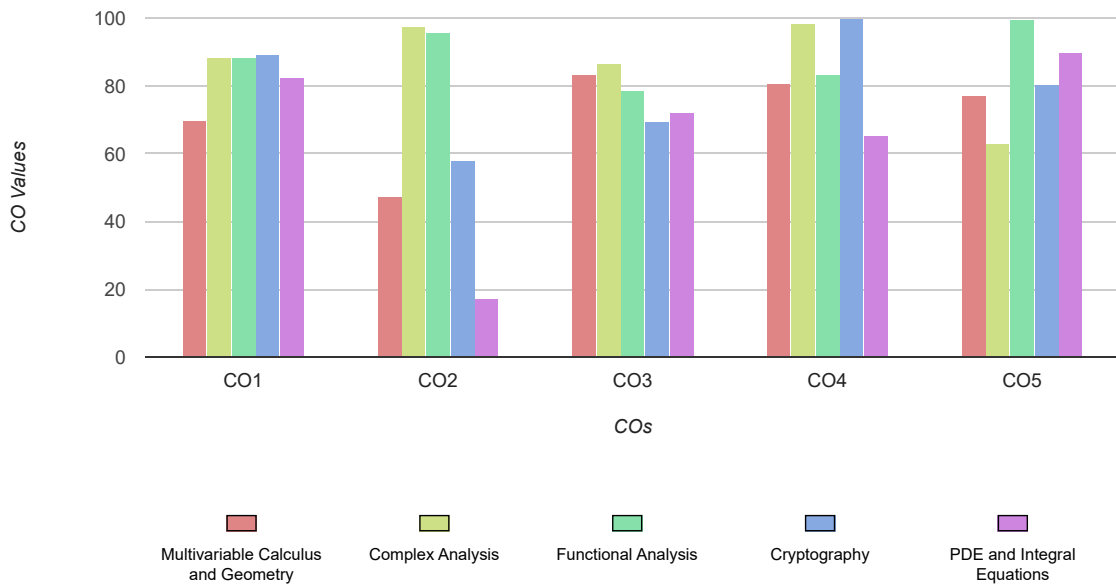
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	16.80	16.80	96.80	96.80	90.13
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	95.20	15.20	70.06	36.53	86.06



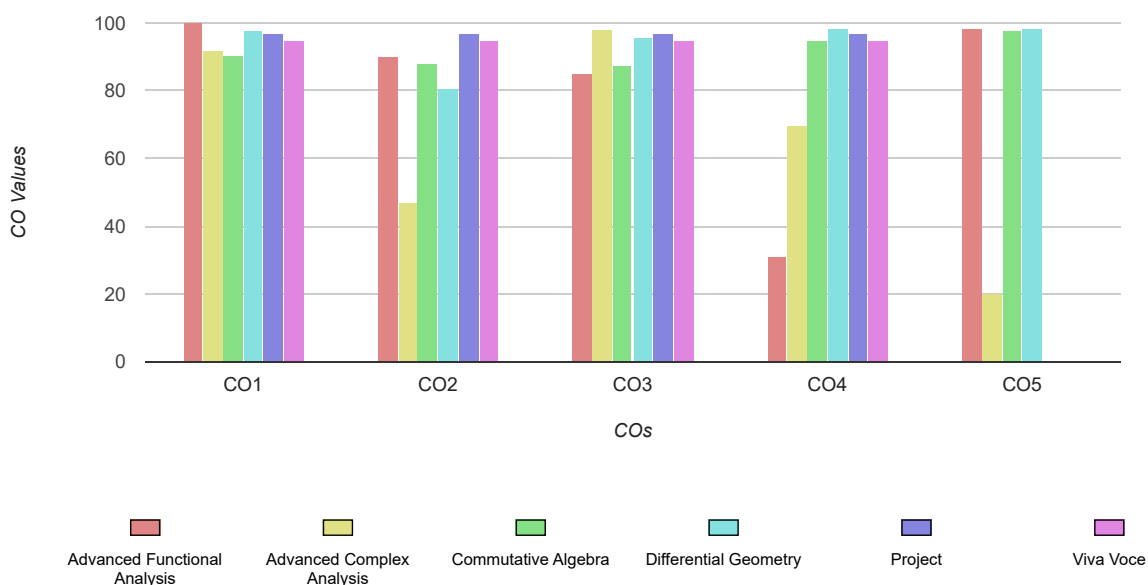
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	66.08	82.95	98.08	89.55	92.96
Topology	CC19PMTH2C08	86.77	59.04	69.00	84.64	33.44
ODE & Calculus of Variations	CC19PMTH2C09	98.08	94.42	85.28	68.21	85.28
Operations Research	CC19PMTH2C10	75.68	91.04	95.06	34.72	91.61
Real Analysis II	CC19PMTH2C07	98.08	61.10	72.48	46.88	72.48



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	69.78	47.37	83.47	80.81	77.34
Complex Analysis	CC19PMTH3C12	88.81	97.47	86.72	98.39	63.19
Functional Analysis	CC19PMTH3C13	88.71	95.82	78.96	83.53	99.53
Cryptography	CC19PMTH3E02	89.26	58.06	69.33	100.00	80.44
PDE and Integral Equations	CC19PMTH3C14	82.36	17.61	72.40	65.61	89.93



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	100.00	89.67	84.80	31.00	98.33
Advanced Complex Analysis	CC19PMTH4E05	92.00	46.67	98.00	69.40	20.00
Commutative Algebra	CC19PMTH4E08	90.37	87.94	87.37	94.74	97.37
Differential Geometry	CC19PMTH4E09	97.56	80.42	95.42	98.37	98.37
Project	CC19PMTH4P01	96.80	96.80	96.80	96.80	
Viva Voce	CC19PMTH4V01	94.72	94.72	94.72	94.72	





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OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	ANJANA V R
Register No:	CCAWMMS003
Admission No:	11572
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

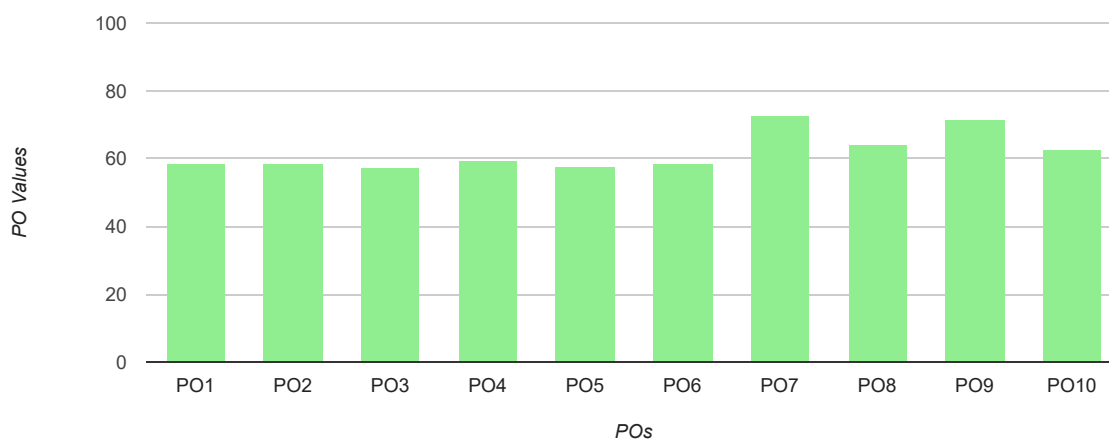
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF ANJANA V R										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	58.36	58.64	57.31	59.51	57.69	58.71	72.91	64.28	71.74	62.41

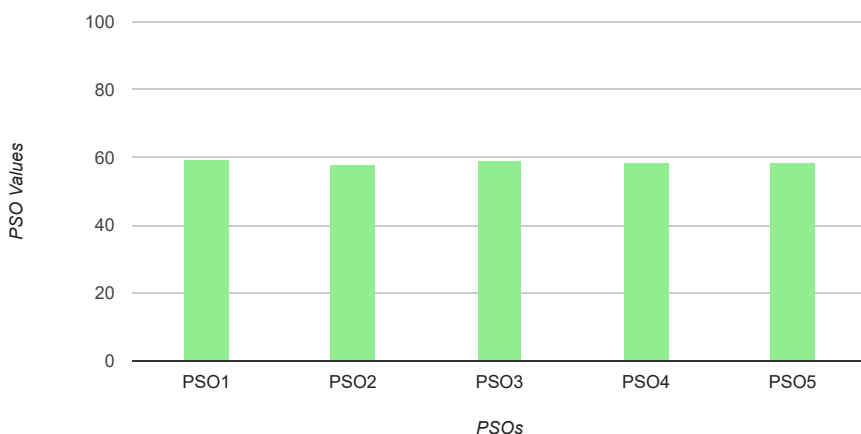


Program Specific Outcome LIST

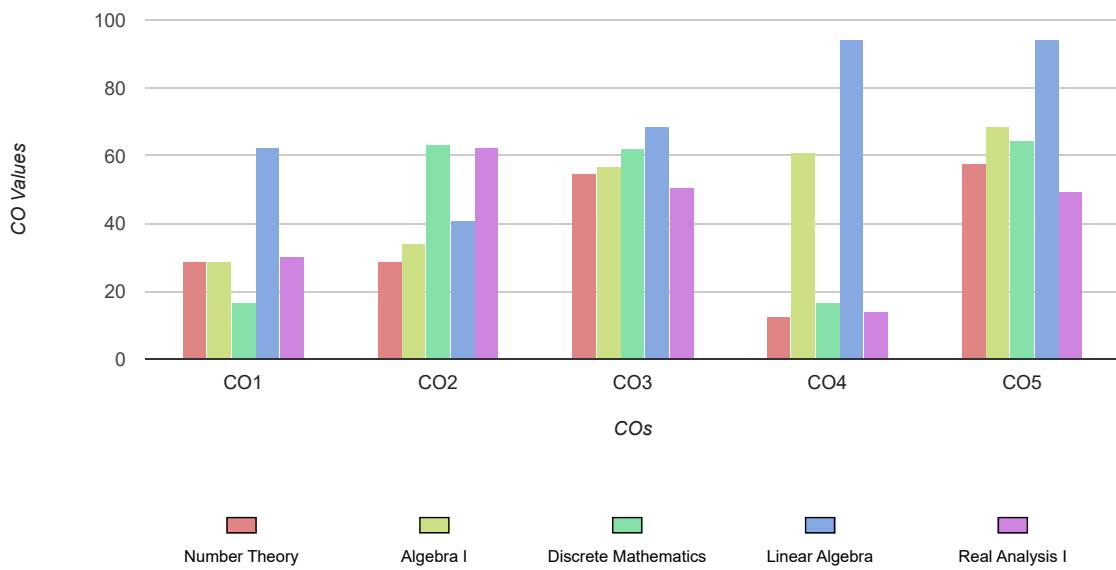
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

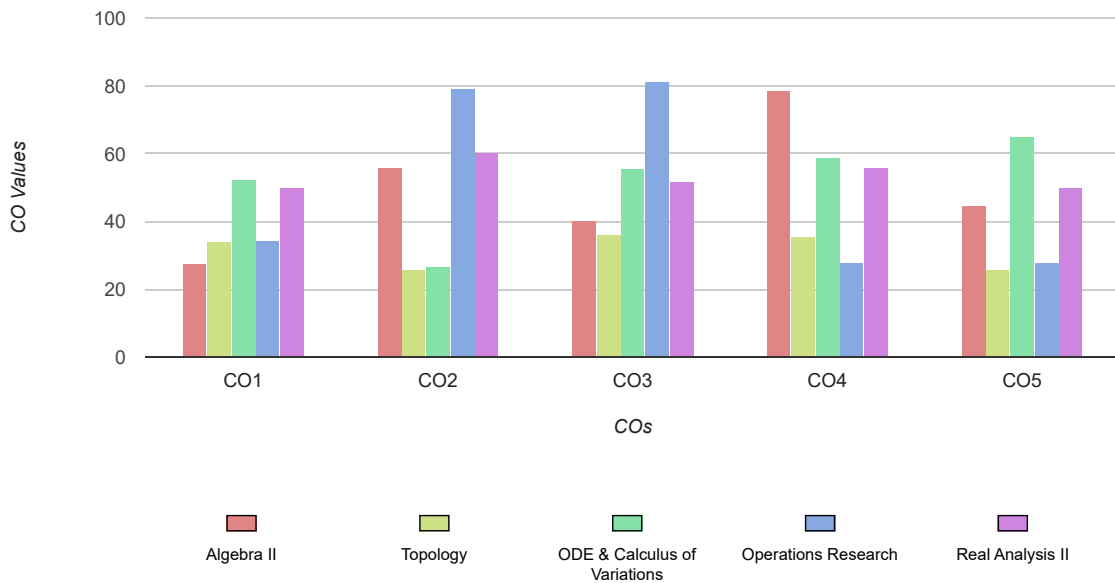
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF ANJANA V R					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	59.22	57.88	58.94	58.38	58.56



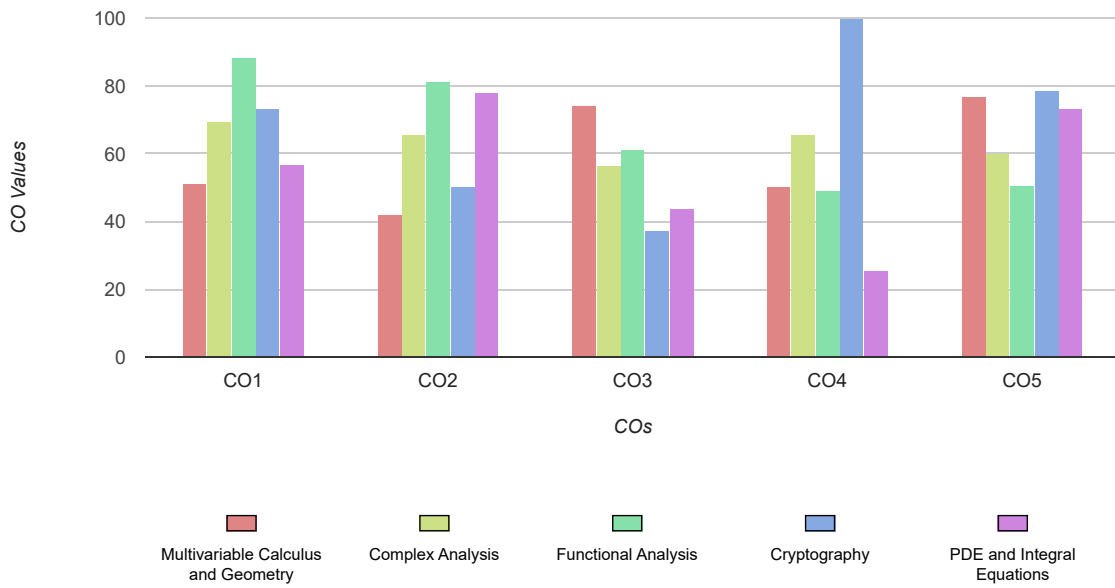
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	28.80	28.80	54.80	12.80	57.60
Algebra I	CC19PMTH1C01	28.80	34.13	56.80	60.80	68.80
Discrete Mathematics	CC19PMTH1C04	16.80	63.47	62.13	16.80	64.80
Linear Algebra	CC19PMTH1C02	62.40	41.07	68.80	94.40	94.40
Real Analysis I	CC19PMTH1C03	30.40	62.40	50.97	14.40	49.60



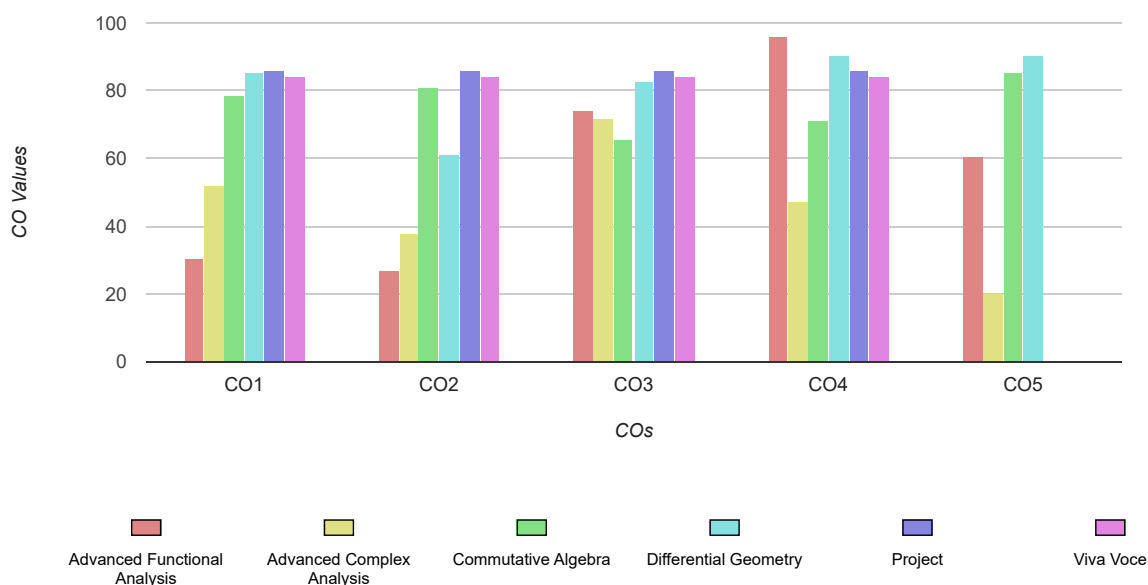
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	27.52	55.96	40.32	78.72	44.59
Topology	CC19PMTH2C08	34.10	26.13	36.37	35.64	26.13
ODE & Calculus of Variations	CC19PMTH2C09	52.37	26.77	55.84	59.04	65.17
Operations Research	CC19PMTH2C10	34.72	79.25	81.22	28.05	28.05
Real Analysis II	CC19PMTH2C07	49.81	60.48	51.95	56.21	49.81



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	51.22	42.11	74.42	50.42	76.81
Complex Analysis	CC19PMTH3C12	69.39	65.74	56.65	65.68	60.34
Functional Analysis	CC19PMTH3C13	88.50	81.39	61.44	49.38	50.88
Cryptography	CC19PMTH3E02	73.66	50.40	37.33	100.00	78.67
PDE and Integral Equations	CC19PMTH3C14	56.81	78.14	44.09	25.47	73.62



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	30.67	27.00	73.87	96.00	60.51
Advanced Complex Analysis	CC19PMTH4E05	52.00	37.86	71.56	47.00	20.00
Commutative Algebra	CC19PMTH4E08	78.53	80.72	65.53	71.05	85.53
Differential Geometry	CC19PMTH4E09	85.37	61.08	82.70	90.24	90.24
Project	CC19PMTH4P01	85.79	85.79	85.79	85.79	
Viva Voce	CC19PMTH4V01	84.00	84.00	84.00	84.00	





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OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	ANJANA VATTATHU AJAYGHOSH
Register No:	CCAWMMS004
Admission No:	11573
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

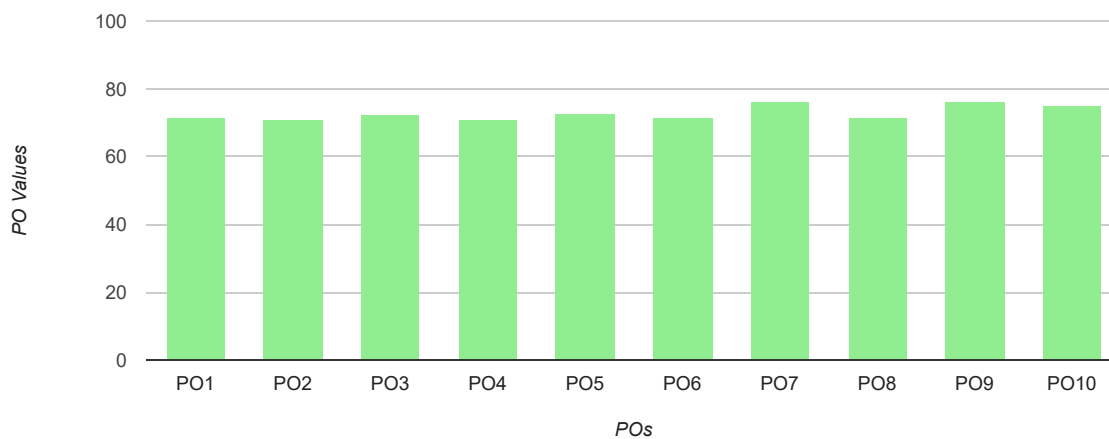
Program: PG - MSC - M.Sc. Mathematics (Aided)

Program Outcome LIST

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PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF ANJANA VATTATHU AJAYGHOSH										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	71.66	71.29	72.24	71.33	72.76	71.45	76.58	71.72	76.43	75.17

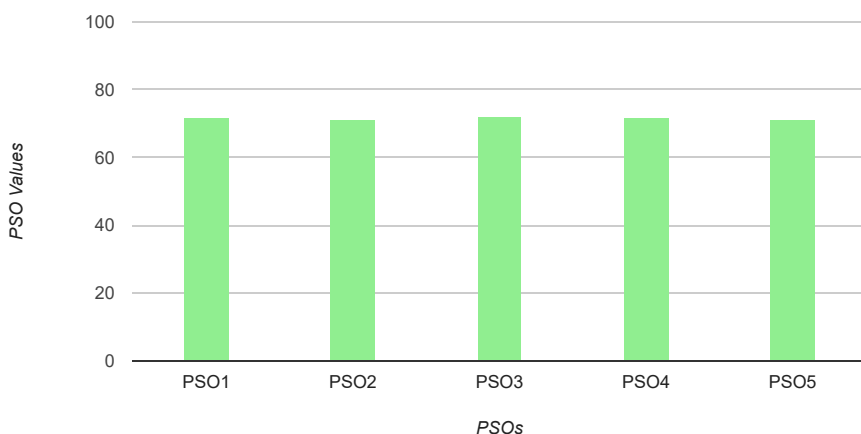


Program Specific Outcome LIST

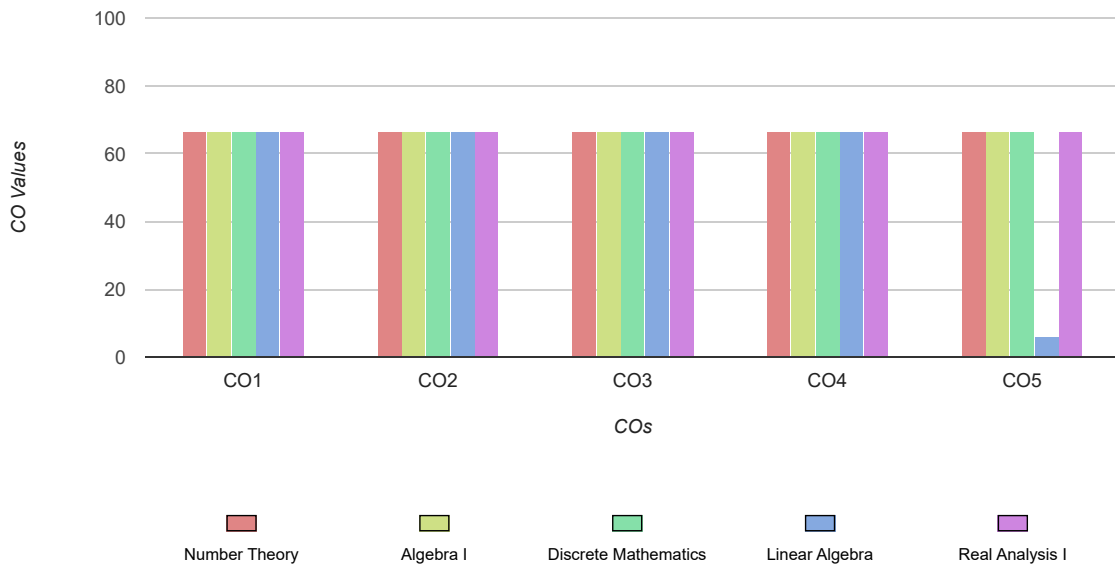
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
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Program Specific Outcome Attainment

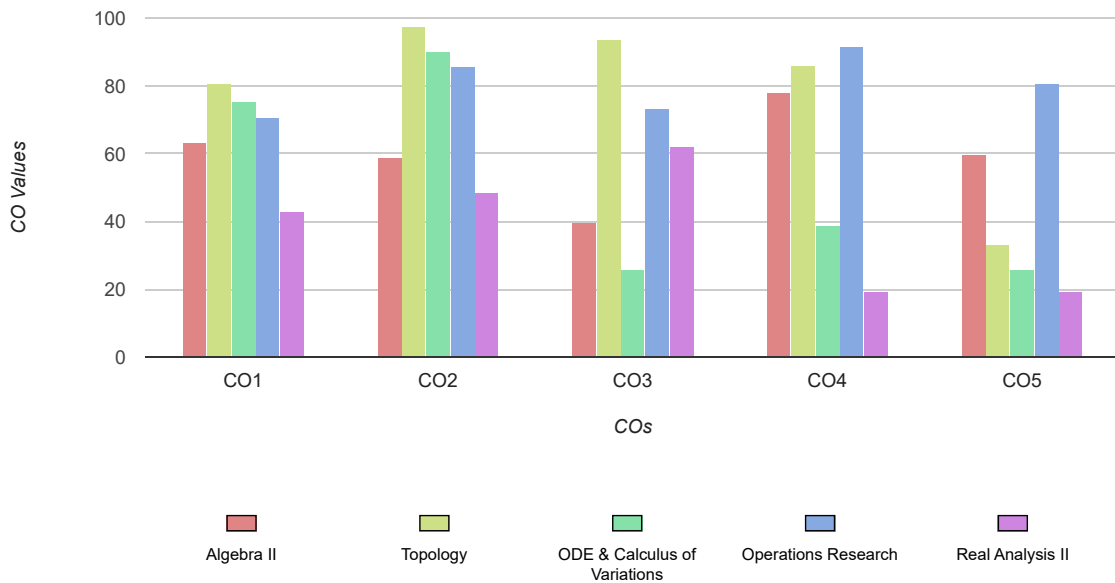
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF ANJANA VATTATHU AJAYGHOSH					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	71.66	71.29	71.99	71.45	71.23



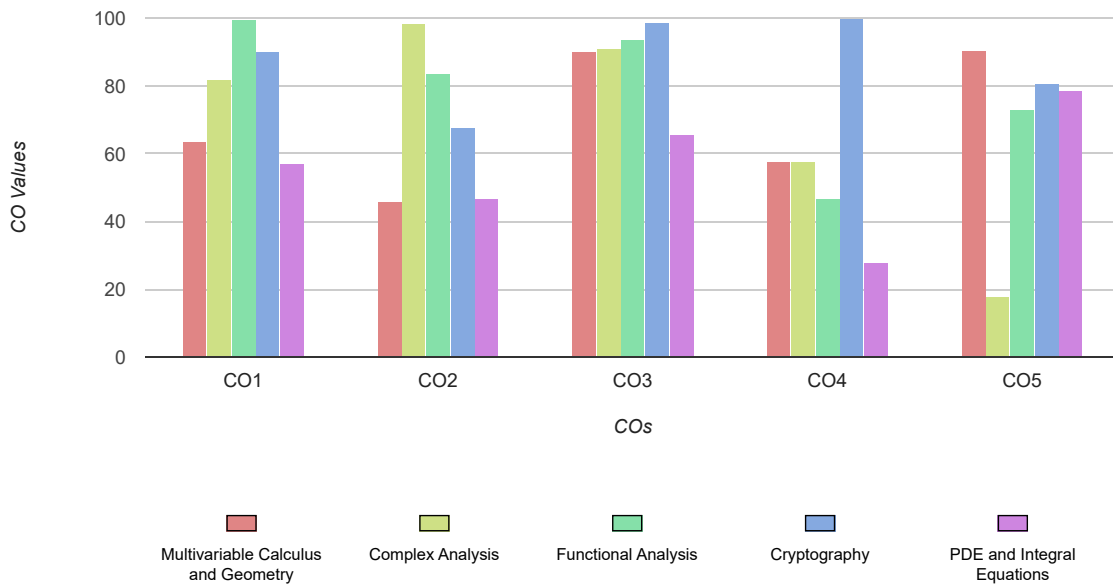
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	66.67	66.67	66.67	66.67	66.67
Algebra I	CC19PMTH1C01	66.67	66.67	66.67	66.67	66.67
Discrete Mathematics	CC19PMTH1C04	66.67	66.67	66.67	66.67	66.67
Linear Algebra	CC19PMTH1C02	66.67	66.67	66.67	66.67	6.25
Real Analysis I	CC19PMTH1C03	66.67	66.67	66.67	66.67	66.67



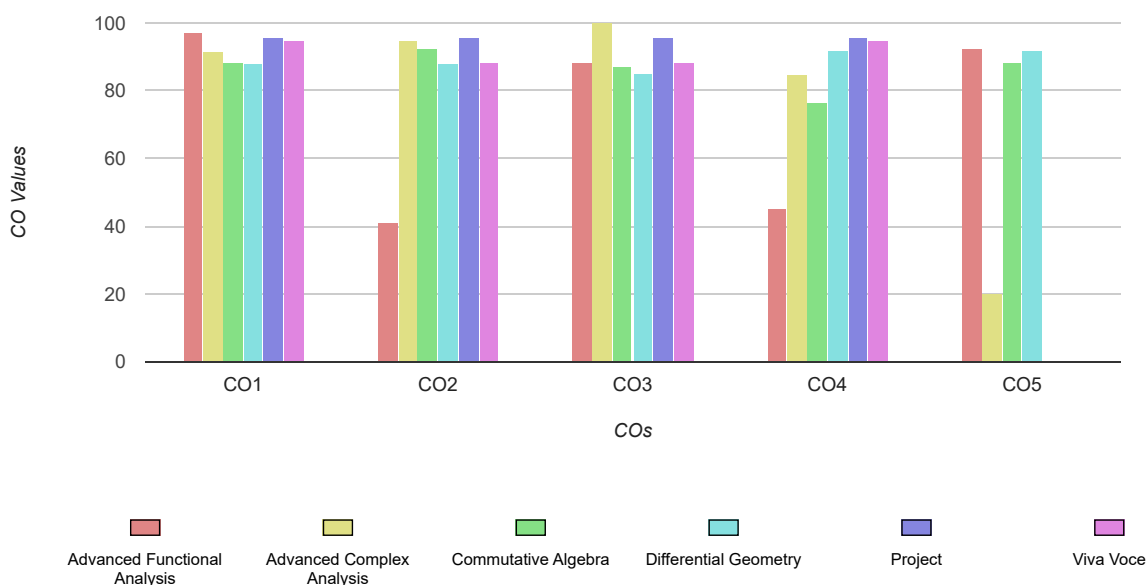
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	63.45	58.88	39.68	78.08	59.79
Topology	CC19PMTH2C08	80.98	97.44	93.95	86.12	33.44
ODE & Calculus of Variations	CC19PMTH2C09	75.50	90.13	26.13	38.93	26.13
Operations Research	CC19PMTH2C10	70.72	85.65	73.77	92.05	80.85
Real Analysis II	CC19PMTH2C07	43.20	48.89	62.13	19.47	19.47



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	63.74	46.06	90.32	57.88	90.71
Complex Analysis	CC19PMTH3C12	82.27	98.27	91.14	57.84	17.84
Functional Analysis	CC19PMTH3C13	99.58	83.58	94.09	46.69	73.02
Cryptography	CC19PMTH3E02	90.06	68.00	98.67	100.00	80.80
PDE and Integral Equations	CC19PMTH3C14	57.34	46.78	66.05	28.12	78.81



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	97.33	41.00	88.40	45.00	92.09
Advanced Complex Analysis	CC19PMTH4E05	91.45	94.75	100.00	84.39	20.00
Commutative Algebra	CC19PMTH4E08	88.16	92.11	87.05	76.32	88.16
Differential Geometry	CC19PMTH4E09	87.81	87.81	84.95	91.87	91.87
Project	CC19PMTH4P01	95.65	95.65	95.65	95.65	
Viva Voce	CC19PMTH4V01	94.72	88.05	88.05	94.72	





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OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	ANJU .M.S
Register No:	CCAWMMS005
Admission No:	11574
Entry Year:	2022
Exit Year:	2024

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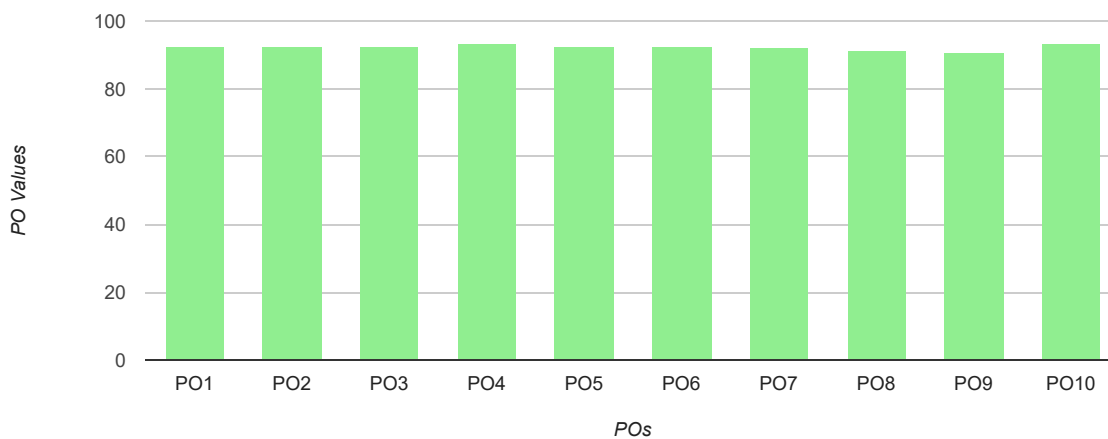
Program: PG - MSC - M.Sc. Mathematics (Aided)

Program Outcome LIST

PO CODE	PO DESCRIPTION
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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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF ANJU .M.S										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	92.70	92.54	92.51	93.33	92.69	92.69	92.30	91.55	90.76	93.32

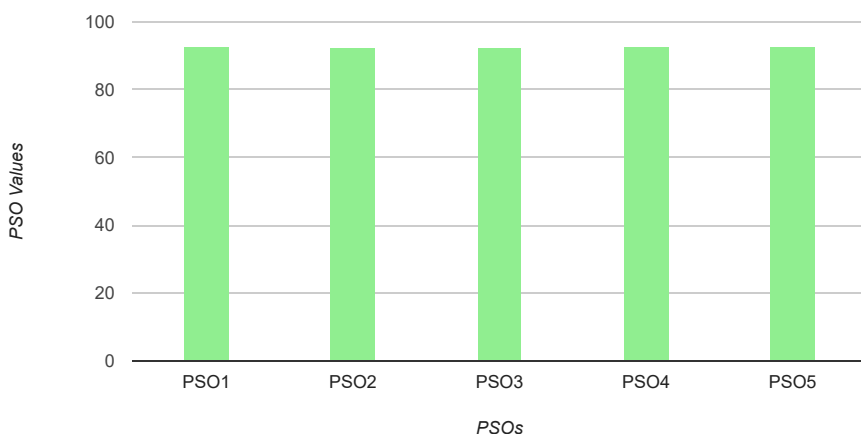


Program Specific Outcome LIST

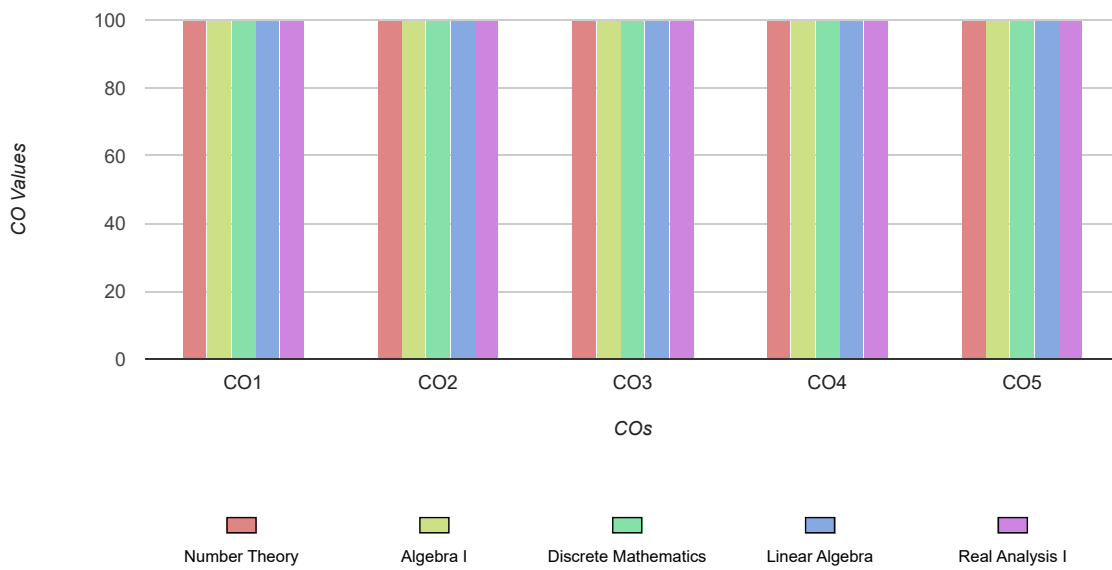
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
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PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

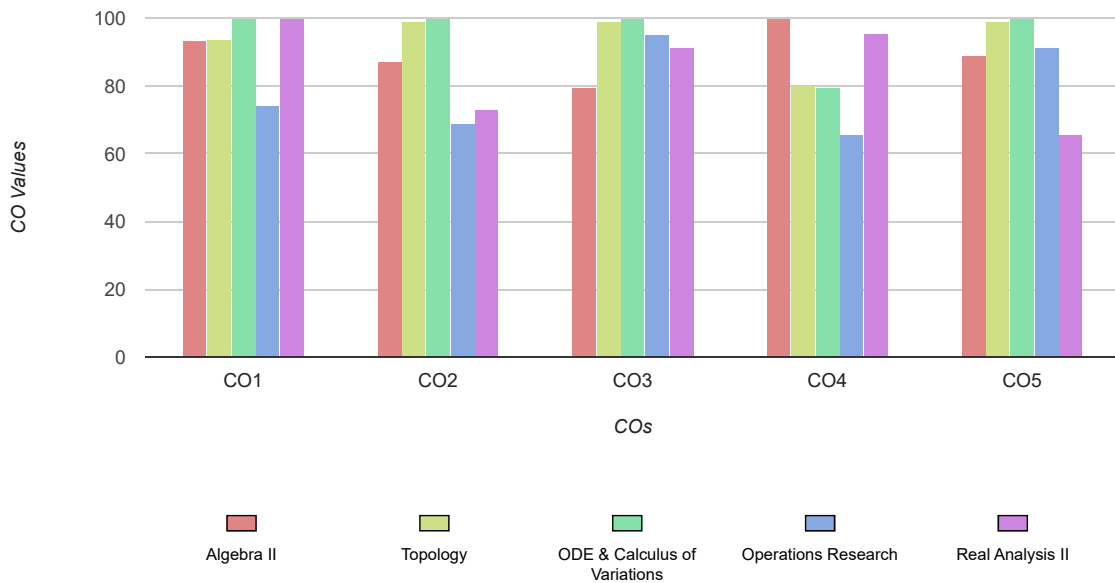
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF ANJU .M.S					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	92.70	92.14	92.20	92.65	92.53



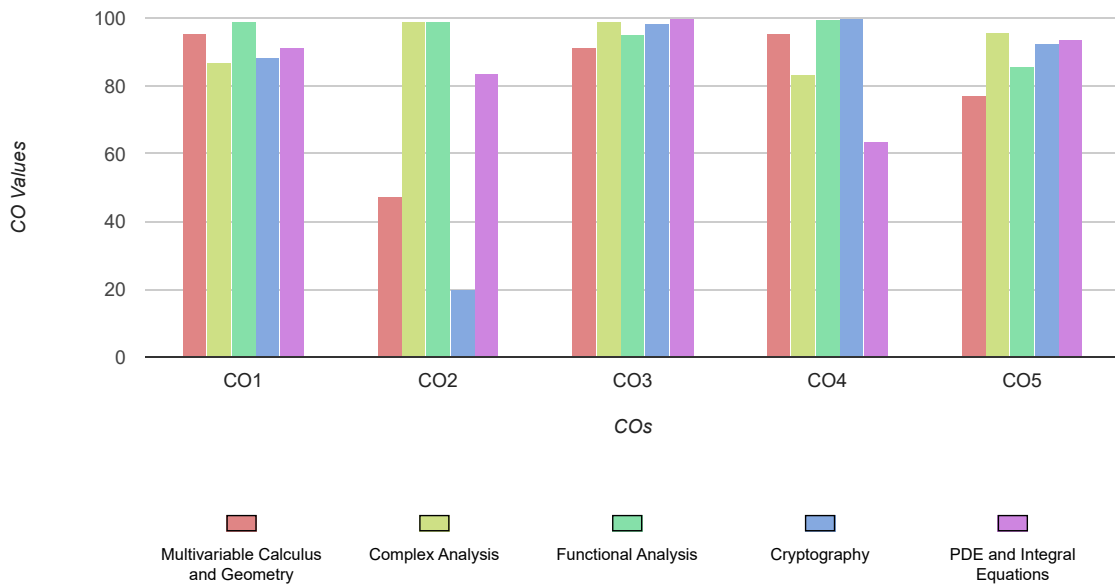
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



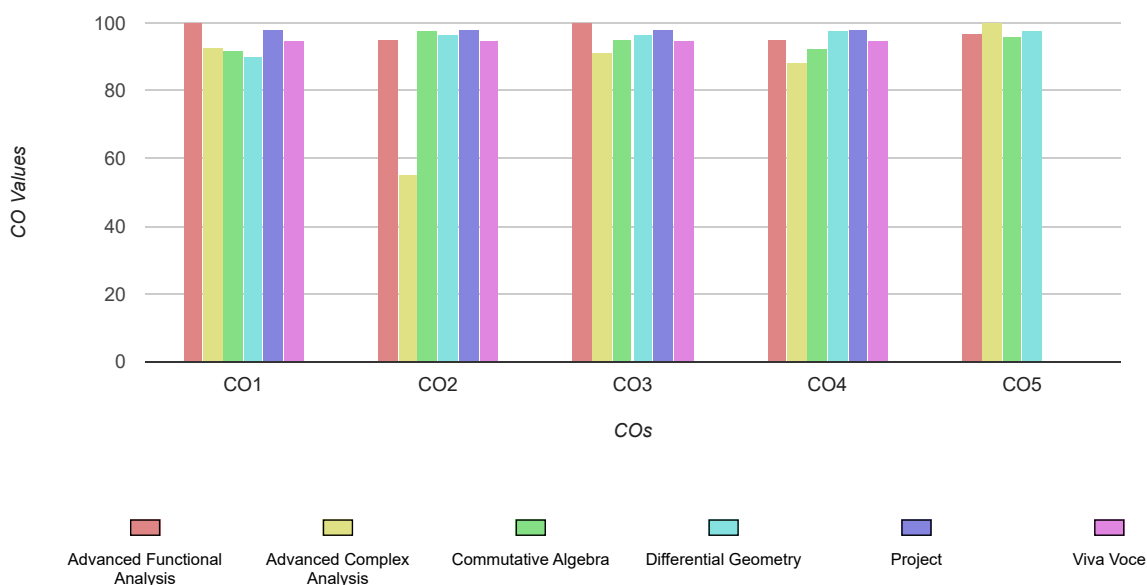
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	93.60	87.20	79.52	100.00	89.03
Topology	CC19PMTH2C08	93.87	99.36	99.36	80.16	99.36
ODE & Calculus of Variations	CC19PMTH2C09	100.00	100.00	100.00	79.52	100.00
Operations Research	CC19PMTH2C10	74.40	68.91	95.20	65.87	91.47
Real Analysis II	CC19PMTH2C07	100.00	72.98	91.47	95.73	65.87



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	95.47	47.37	91.47	95.47	77.34
Complex Analysis	CC19PMTH3C12	86.99	99.12	99.27	83.20	96.00
Functional Analysis	CC19PMTH3C13	99.38	99.38	94.96	99.53	85.69
Cryptography	CC19PMTH3E02	88.57	20.00	98.22	100.00	92.73
PDE and Integral Equations	CC19PMTH3C14	91.52	83.77	99.84	63.77	93.94



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	100.00	95.00	100.00	95.00	96.77
Advanced Complex Analysis	CC19PMTH4E05	92.78	55.33	91.11	88.31	100.00
Commutative Algebra	CC19PMTH4E08	92.06	97.37	94.94	92.11	96.06
Differential Geometry	CC19PMTH4E09	89.67	96.34	96.34	97.56	97.56
Project	CC19PMTH4P01	97.95	97.95	97.95	97.95	
Viva Voce	CC19PMTH4V01	94.72	94.72	94.72	94.72	





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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	HIZANA. V.H
Register No:	CCAWMMS011
Admission No:	11579
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

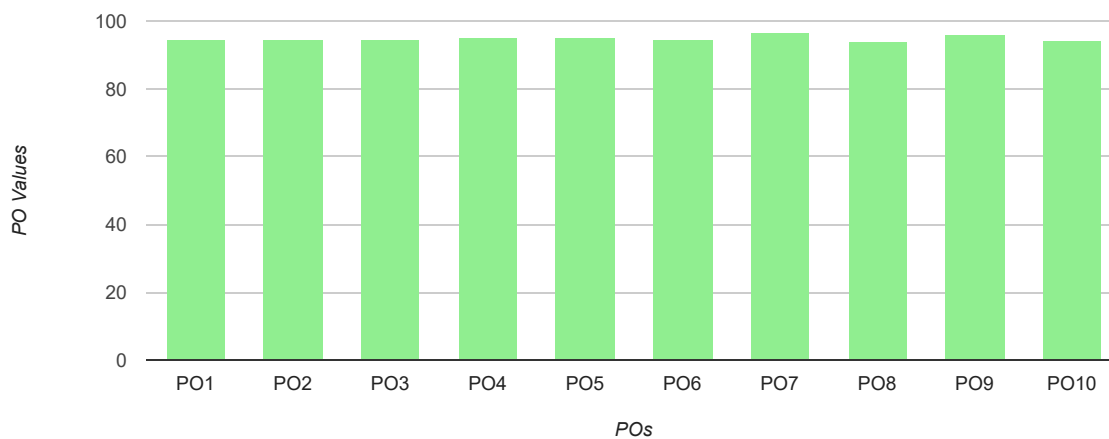
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF HIZANA. V.H										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	94.83	94.69	94.76	95.09	95.16	94.90	96.55	93.70	95.86	94.38

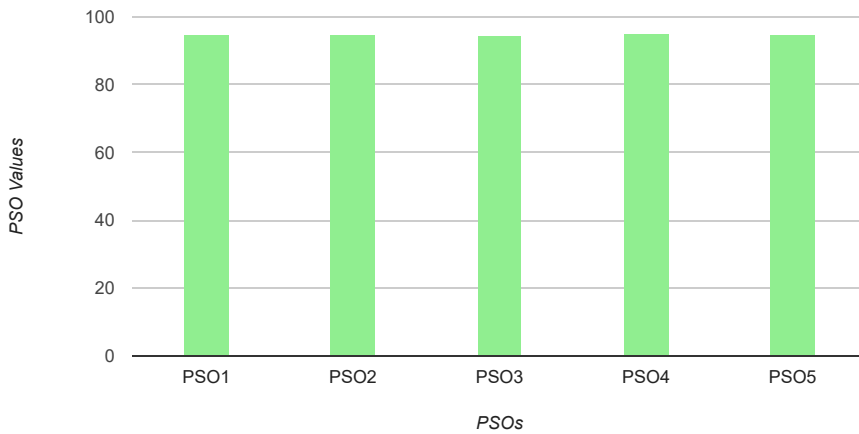


Program Specific Outcome LIST

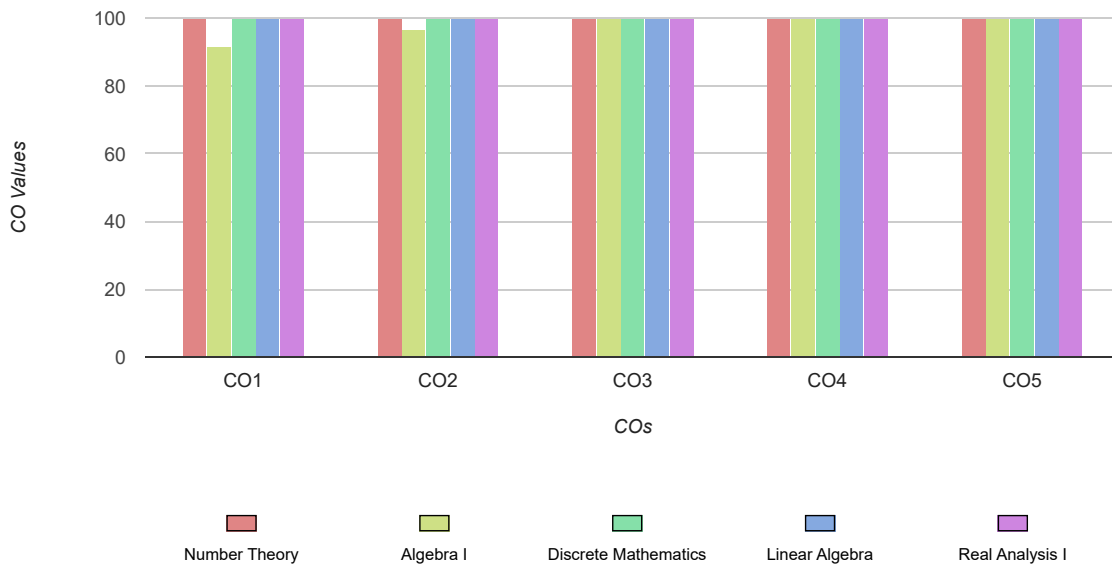
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

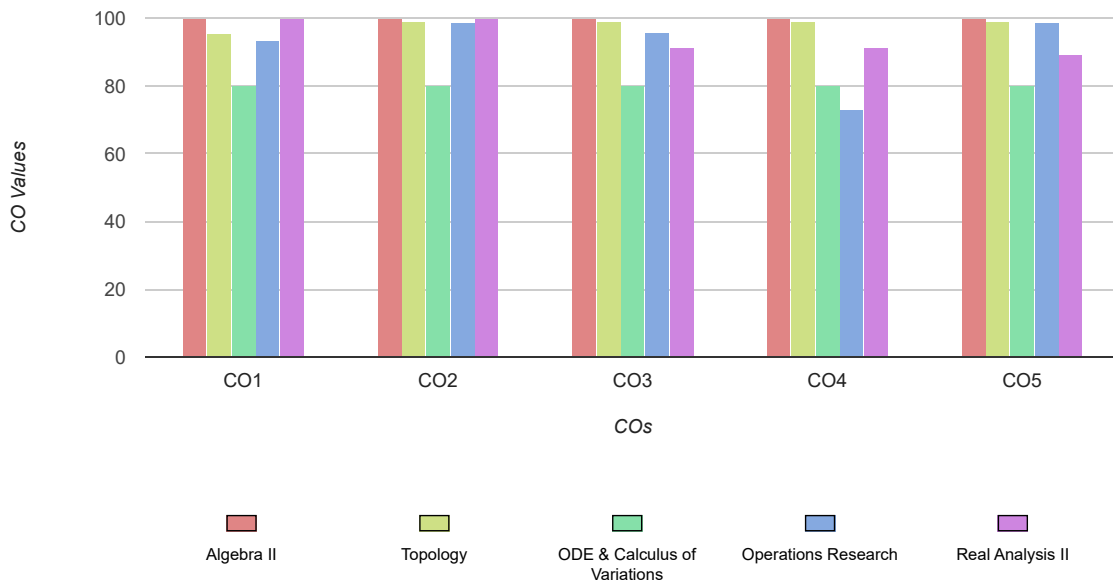
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF HIZANA. V.H					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	94.83	94.82	94.46	94.93	94.69



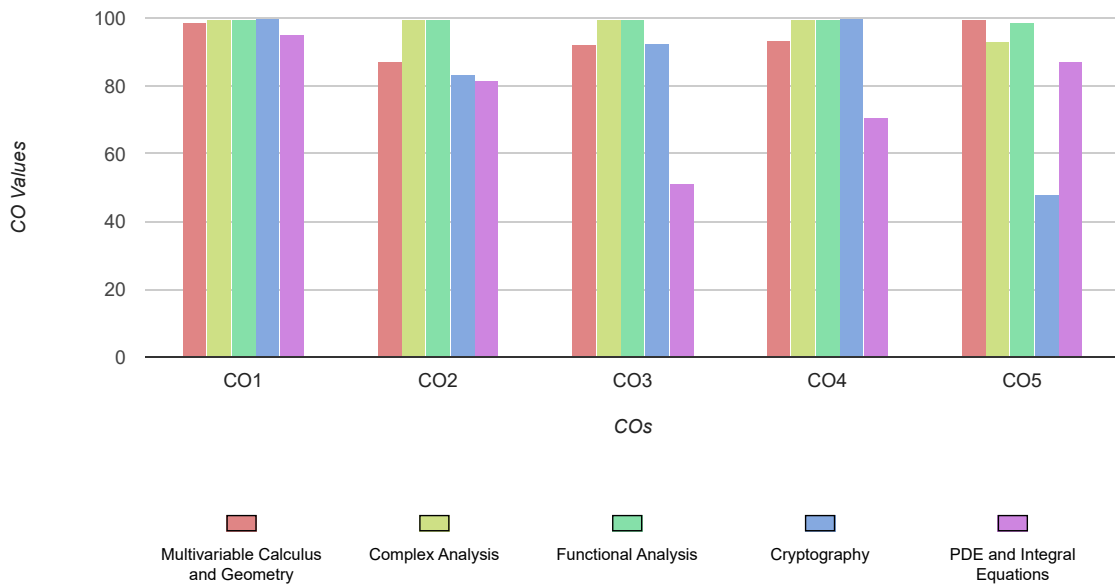
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	92.00	96.80	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



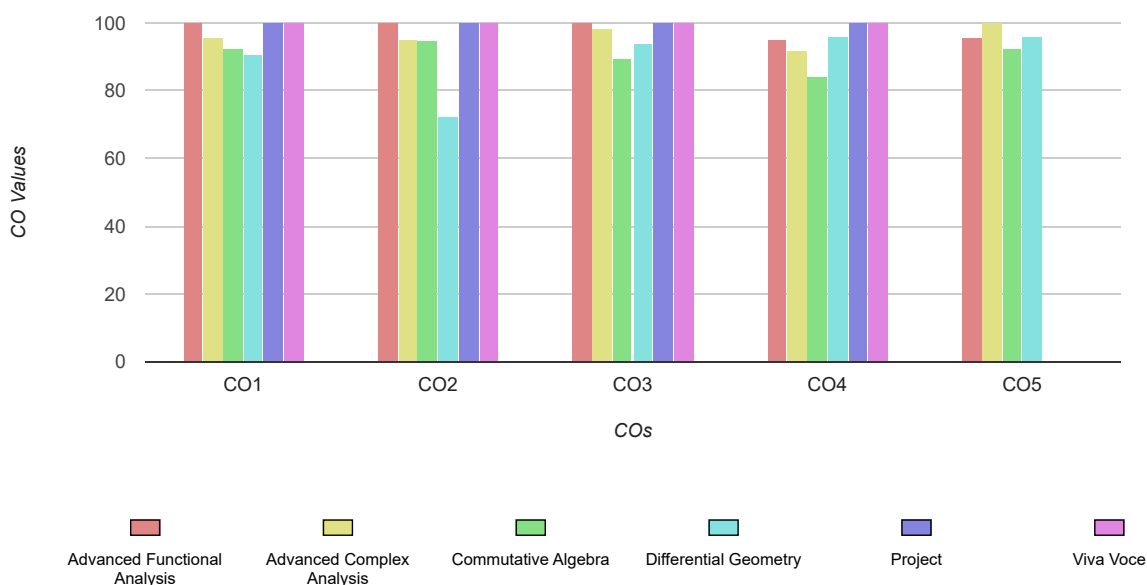
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	100.00	100.00	100.00	100.00	100.00
Topology	CC19PMTH2C08	95.70	99.36	99.36	99.36	99.36
ODE & Calculus of Variations	CC19PMTH2C09	80.00	80.00	80.00	80.00	80.00
Operations Research	CC19PMTH2C10	93.60	98.72	95.77	73.12	98.72
Real Analysis II	CC19PMTH2C07	100.00	100.00	91.47	91.47	89.33



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	98.72	87.37	92.20	93.47	99.74
Complex Analysis	CC19PMTH3C12	99.64	99.64	99.55	99.55	93.15
Functional Analysis	CC19PMTH3C13	99.58	99.58	99.69	99.69	98.69
Cryptography	CC19PMTH3E02	100.00	83.20	92.73	100.00	48.00
PDE and Integral Equations	CC19PMTH3C14	95.30	81.84	51.22	70.84	87.35



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	100.00	100.00	100.00	95.00	95.64
Advanced Complex Analysis	CC19PMTH4E05	95.43	95.00	98.22	91.80	100.00
Commutative Algebra	CC19PMTH4E08	92.11	94.74	89.61	84.21	92.11
Differential Geometry	CC19PMTH4E09	90.57	72.47	93.90	95.93	95.93
Project	CC19PMTH4P01	100.00	100.00	100.00	100.00	
Viva Voce	CC19PMTH4V01	100.00	100.00	100.00	100.00	





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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	JASNA VARGHESE
Register No:	CCAWMMS012
Admission No:	11580
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

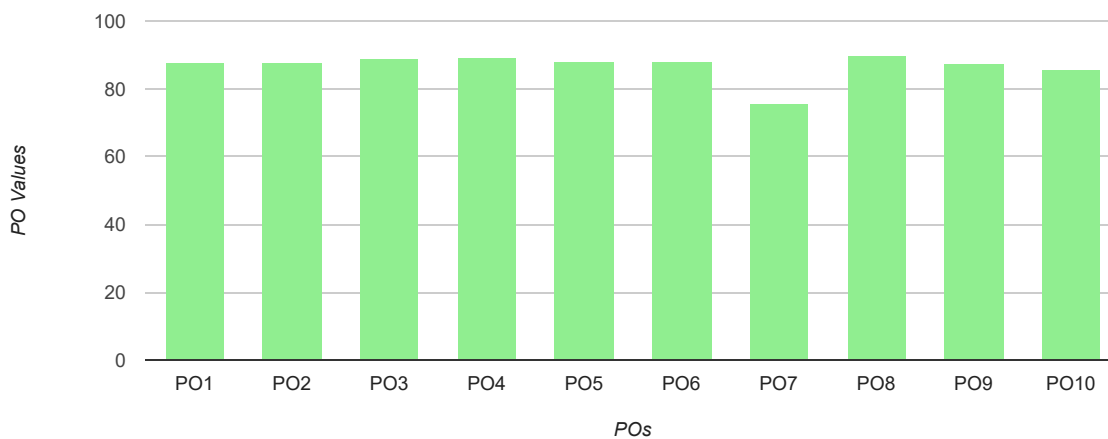
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF JASNA VARGHESE										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	87.97	87.76	88.84	89.38	88.15	88.17	75.42	89.91	87.56	85.90

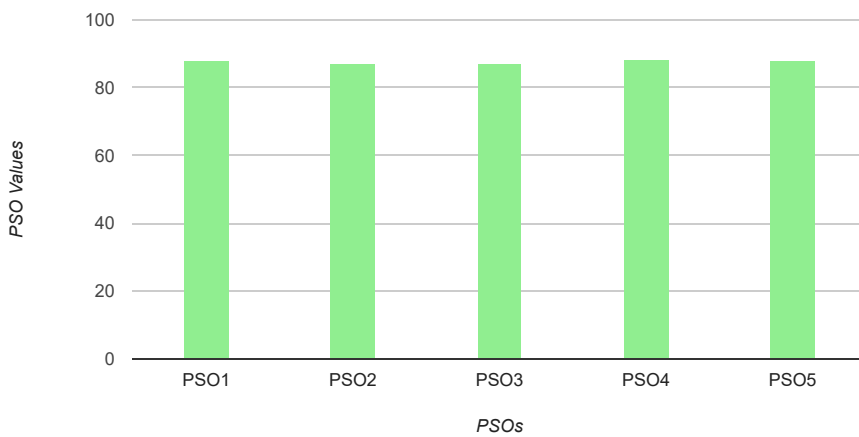


Program Specific Outcome LIST

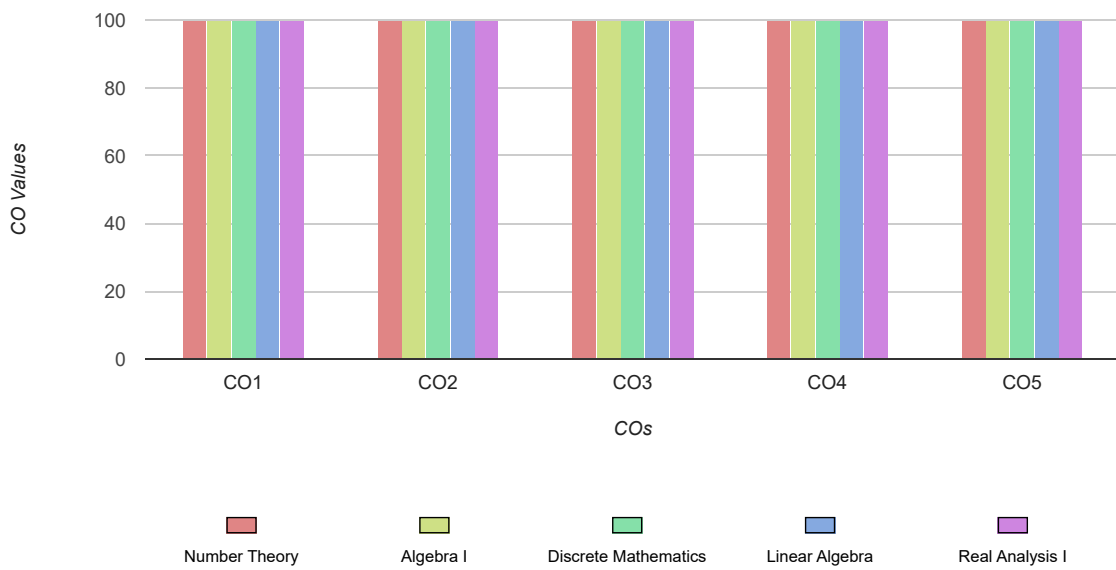
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

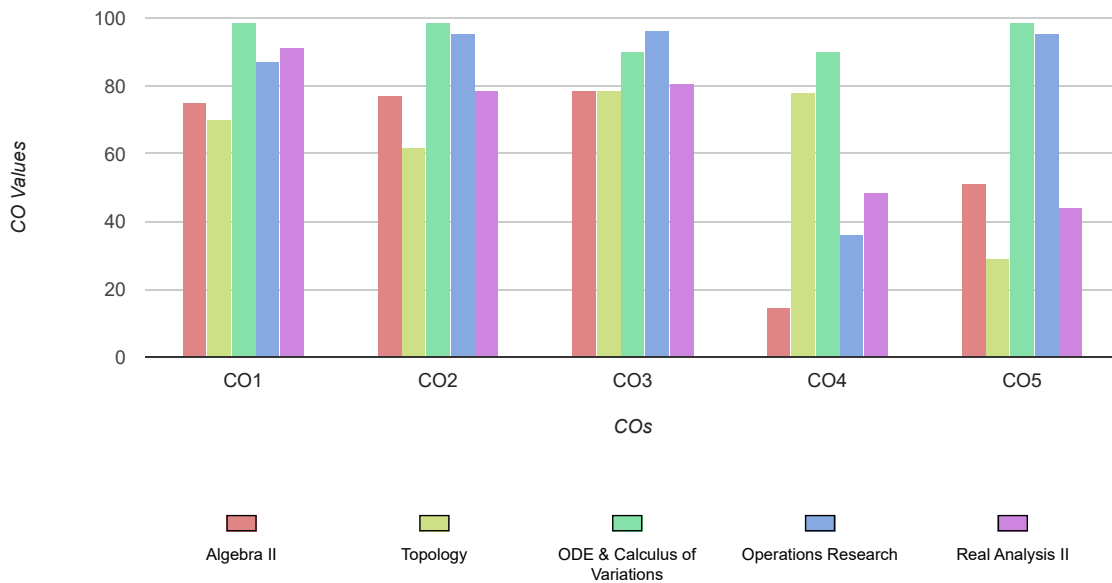
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF JASNA VARGHESE					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	87.97	87.19	87.10	88.05	87.74



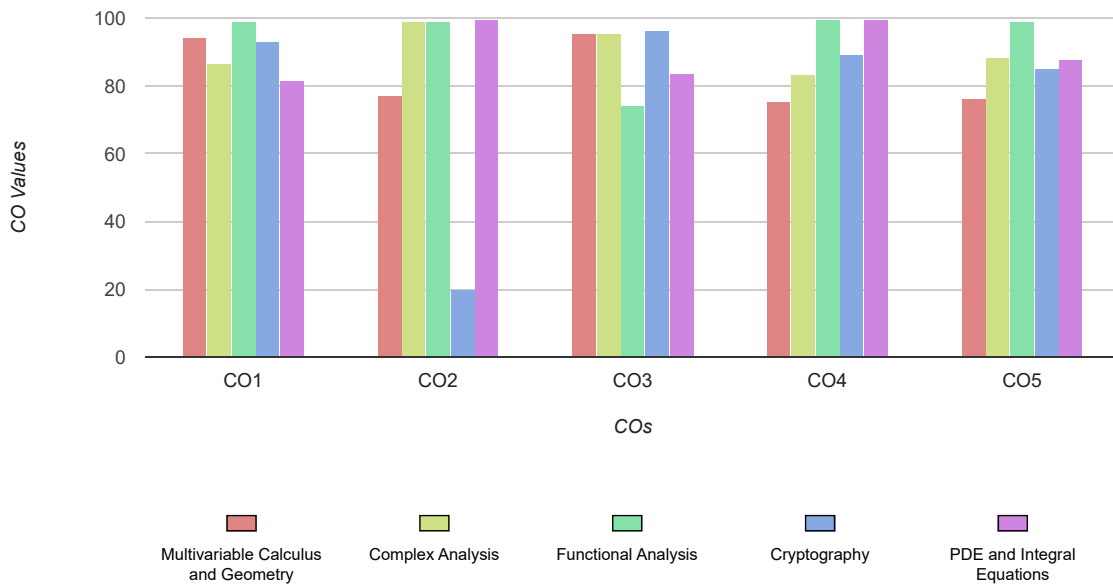
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



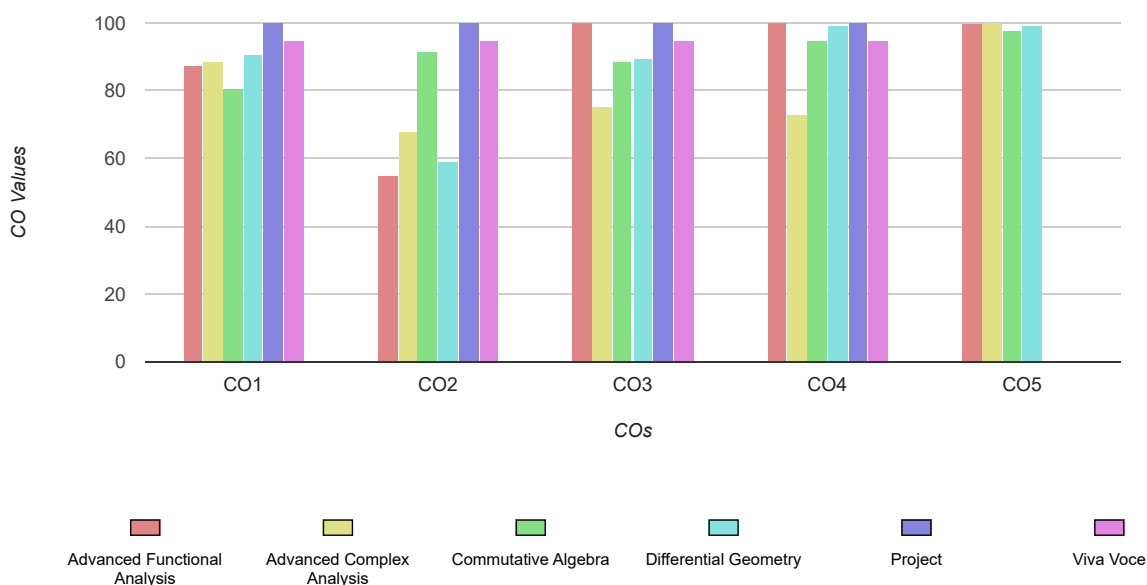
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	75.06	77.30	78.72	14.72	51.29
Topology	CC19PMTH2C08	70.13	61.60	78.67	77.89	29.33
ODE & Calculus of Variations	CC19PMTH2C09	98.72	98.72	90.19	90.19	98.72
Operations Research	CC19PMTH2C10	87.20	95.73	96.34	36.00	95.73
Real Analysis II	CC19PMTH2C07	91.47	78.67	80.80	48.80	44.27



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	94.14	77.37	95.47	75.47	76.34
Complex Analysis	CC19PMTH3C12	86.69	99.10	95.48	83.38	88.71
Functional Analysis	CC19PMTH3C13	99.38	99.38	74.39	99.53	99.16
Cryptography	CC19PMTH3E02	93.14	20.00	96.44	89.33	85.45
PDE and Integral Equations	CC19PMTH3C14	81.67	99.77	83.84	99.77	87.97



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	87.20	55.00	100.00	100.00	99.51
Advanced Complex Analysis	CC19PMTH4E05	88.57	68.00	75.11	72.60	100.00
Commutative Algebra	CC19PMTH4E08	80.37	91.58	88.48	94.74	97.37
Differential Geometry	CC19PMTH4E09	90.78	58.78	89.45	99.19	99.19
Project	CC19PMTH4P01	100.00	100.00	100.00	100.00	
Viva Voce	CC19PMTH4V01	94.72	94.72	94.72	94.72	





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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	JISHA MARY SAJIMON
Register No:	CCAWMMS013
Admission No:	11581
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

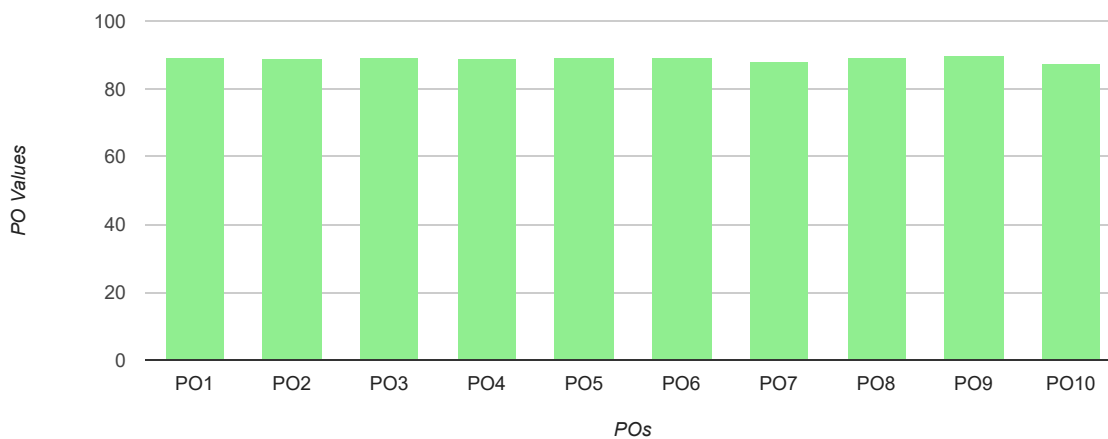
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF JISHA MARY SAJIMON										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	89.39	89.11	89.39	89.20	89.37	89.54	88.16	89.42	89.94	87.48

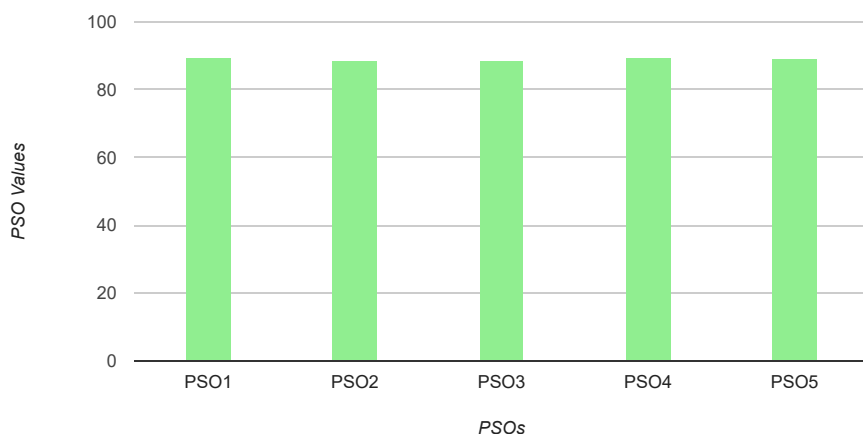


Program Specific Outcome LIST

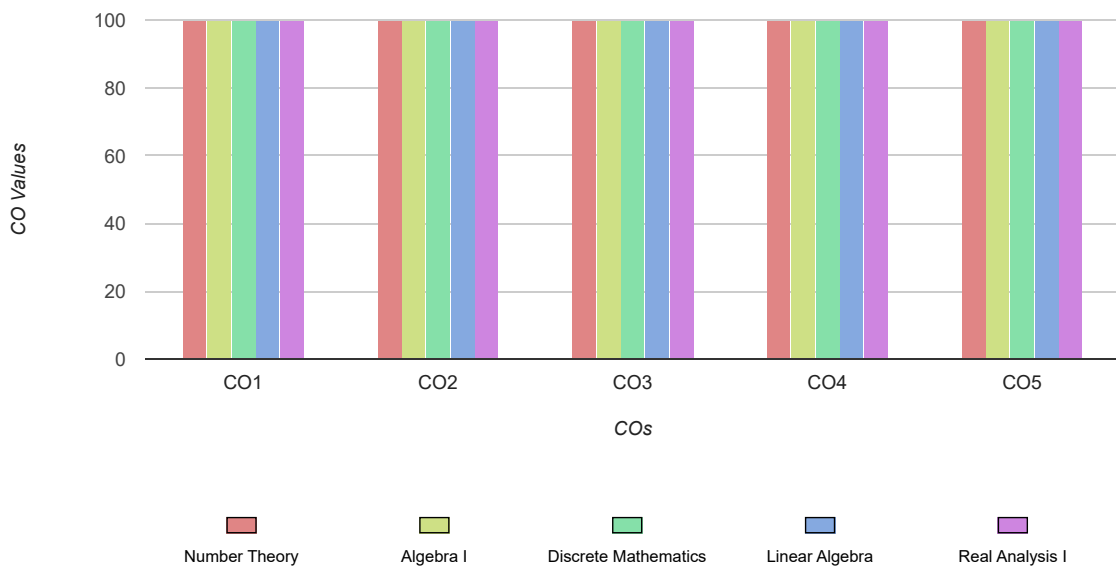
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

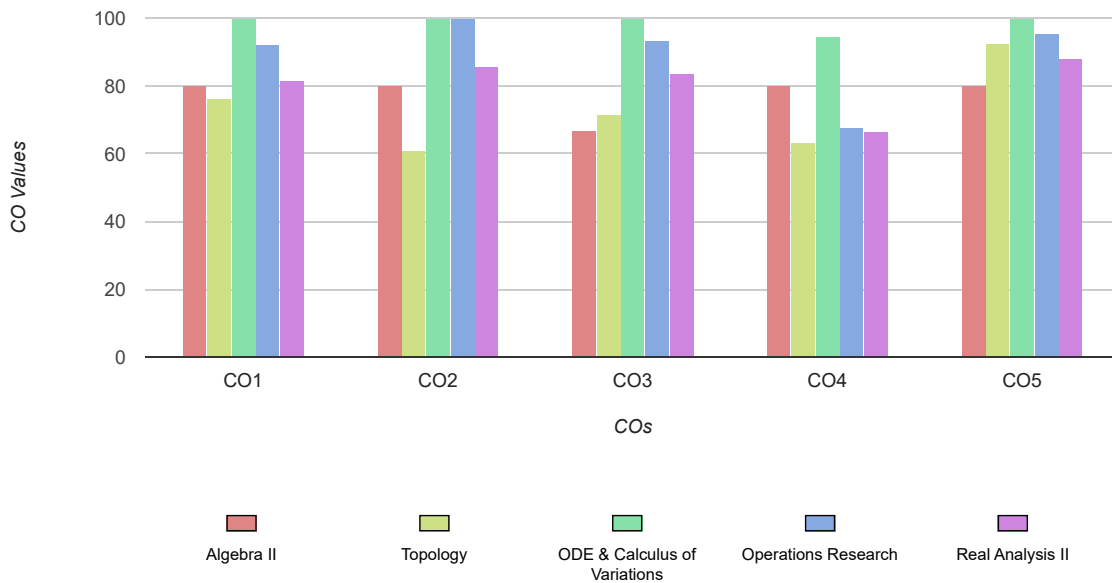
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF JISHA MARY SAJIMON					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	89.39	88.81	88.63	89.45	89.07



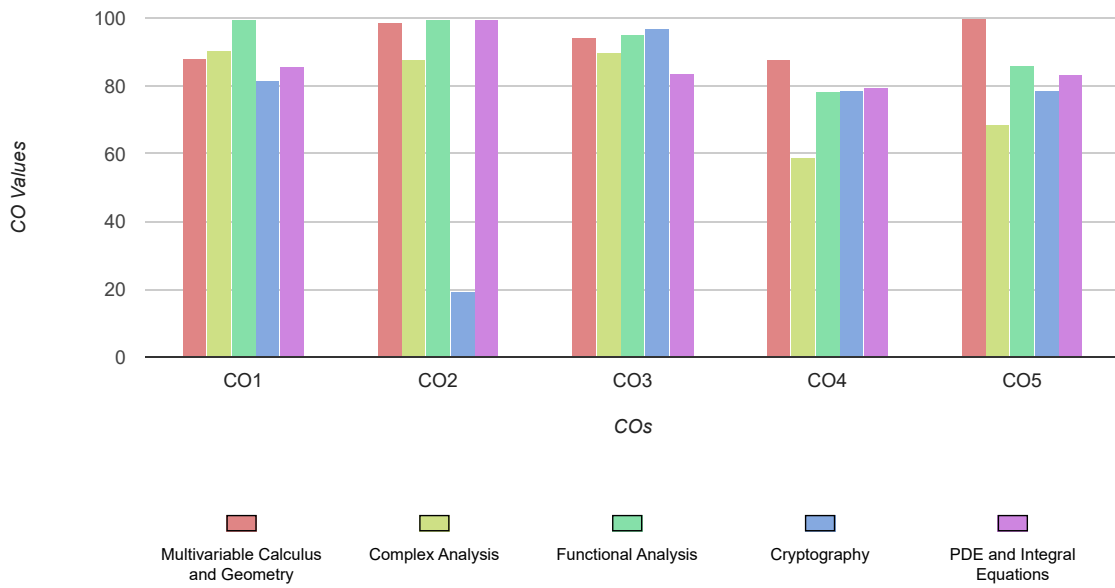
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



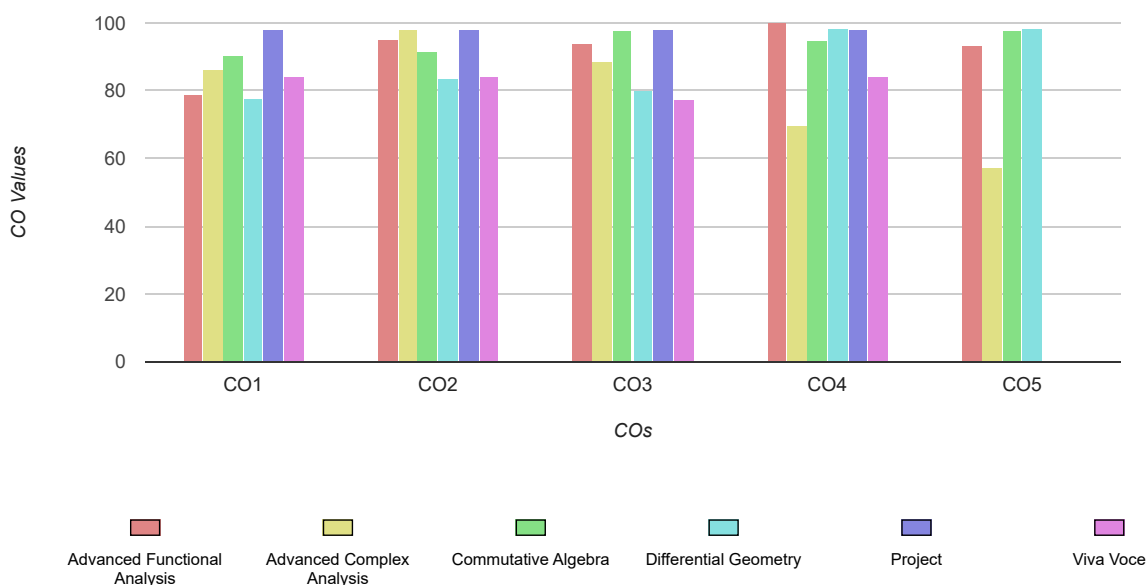
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	80.00	80.00	67.20	80.00	80.00
Topology	CC19PMTH2C08	76.24	60.96	71.36	63.60	92.69
ODE & Calculus of Variations	CC19PMTH2C09	100.00	100.00	100.00	94.88	100.00
Operations Research	CC19PMTH2C10	92.32	100.00	93.60	67.73	95.73
Real Analysis II	CC19PMTH2C07	81.65	85.92	83.79	66.72	88.05



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	88.13	98.69	94.14	87.74	99.87
Complex Analysis	CC19PMTH3C12	90.56	87.93	90.03	59.05	68.82
Functional Analysis	CC19PMTH3C13	99.58	99.58	95.12	78.35	86.14
Cryptography	CC19PMTH3E02	81.71	19.60	97.09	78.67	78.67
PDE and Integral Equations	CC19PMTH3C14	85.79	99.54	83.69	79.54	83.25



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	78.67	95.00	94.00	100.00	93.09
Advanced Complex Analysis	CC19PMTH4E05	86.29	98.00	88.57	69.40	57.33
Commutative Algebra	CC19PMTH4E08	90.37	91.58	97.37	94.74	97.37
Differential Geometry	CC19PMTH4E09	77.56	83.27	80.23	98.37	98.37
Project	CC19PMTH4P01	97.95	97.95	97.95	97.95	
Viva Voce	CC19PMTH4V01	84.00	84.00	77.33	84.00	





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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	NEERAJA T.D.
Register No:	CCAWMMS015
Admission No:	11583
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

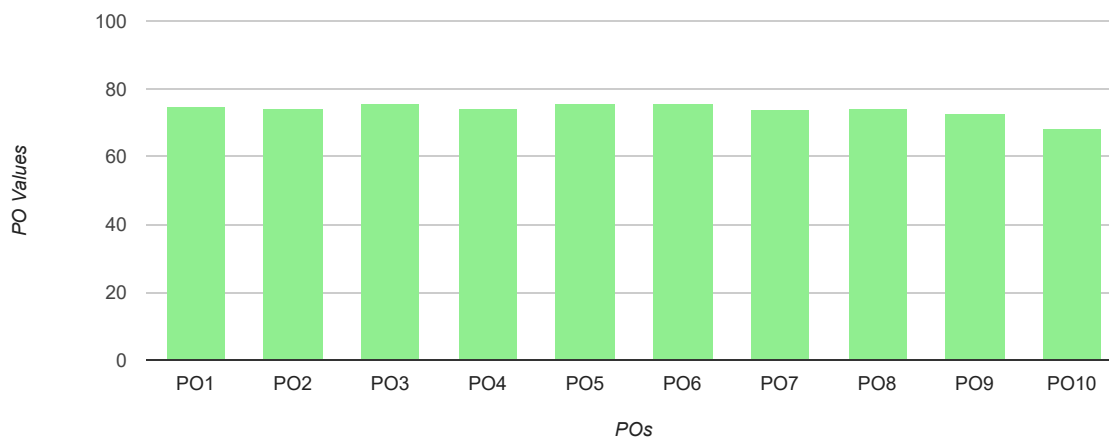
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF NEERAJA T.D.										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	74.86	74.49	75.47	74.55	75.65	75.54	73.81	74.45	72.96	68.35

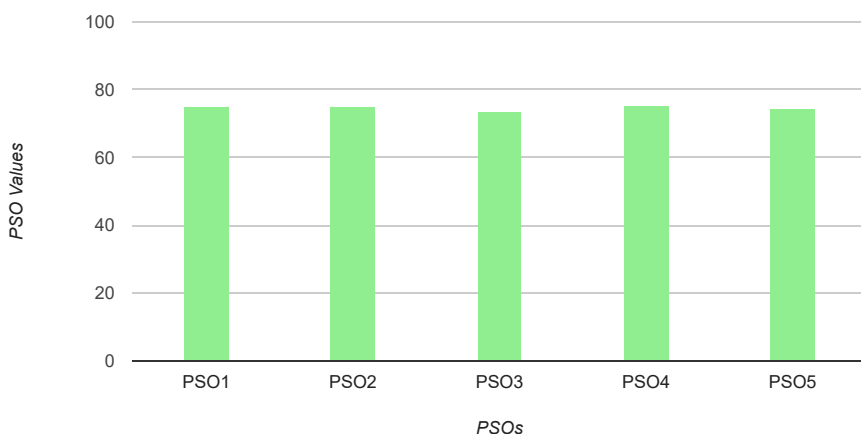


Program Specific Outcome LIST

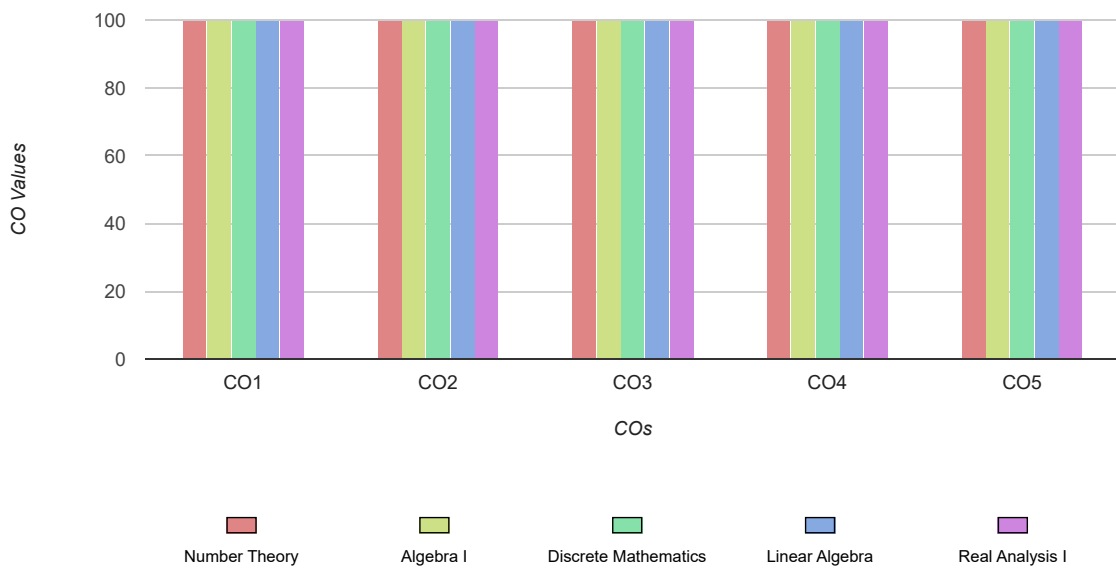
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

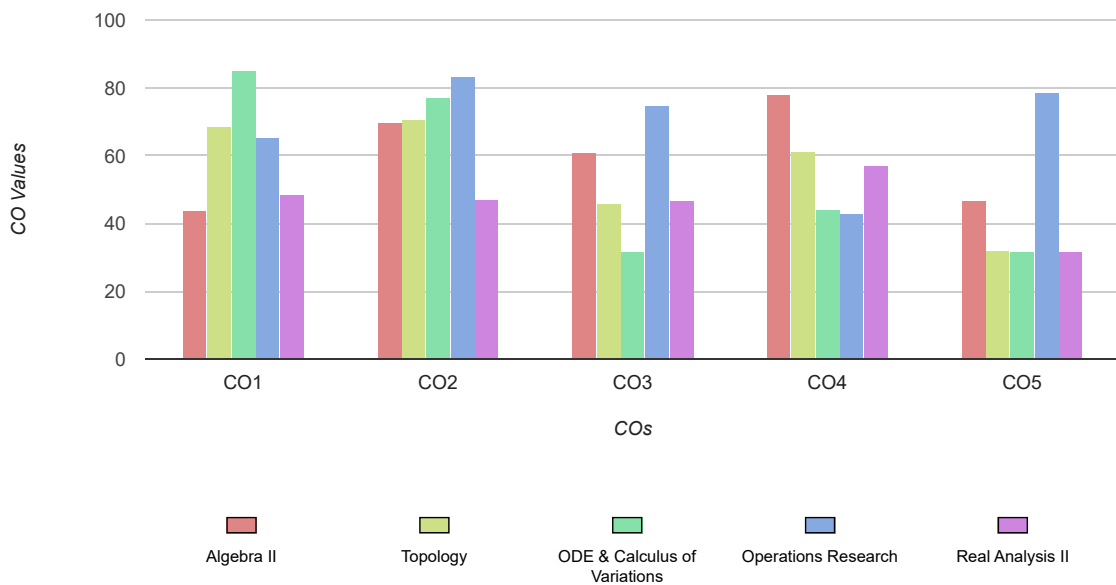
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF NEERAJA T.D.					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	74.86	74.65	73.53	75.33	74.43



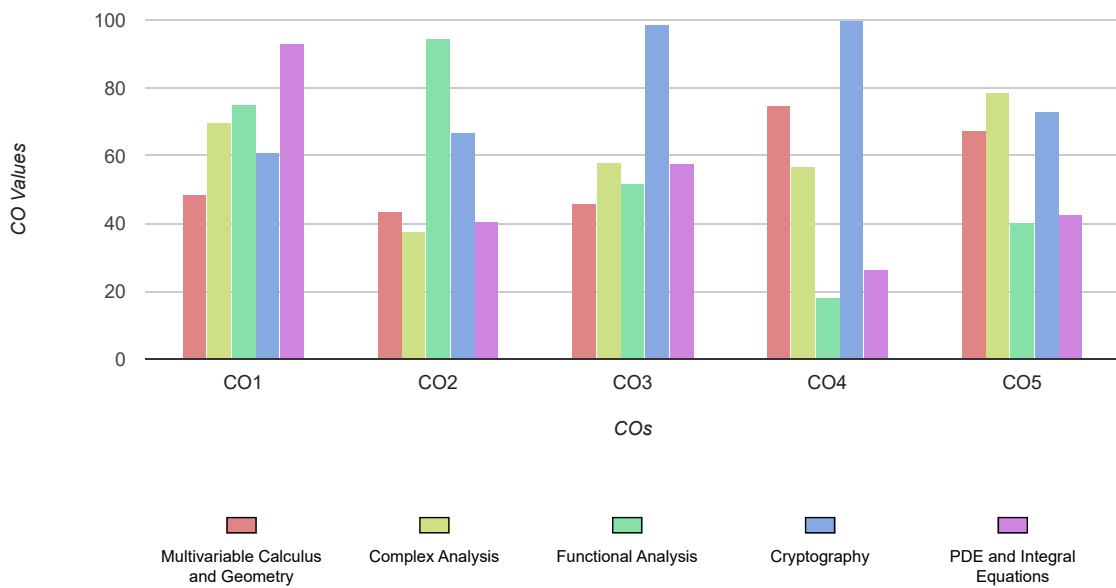
SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



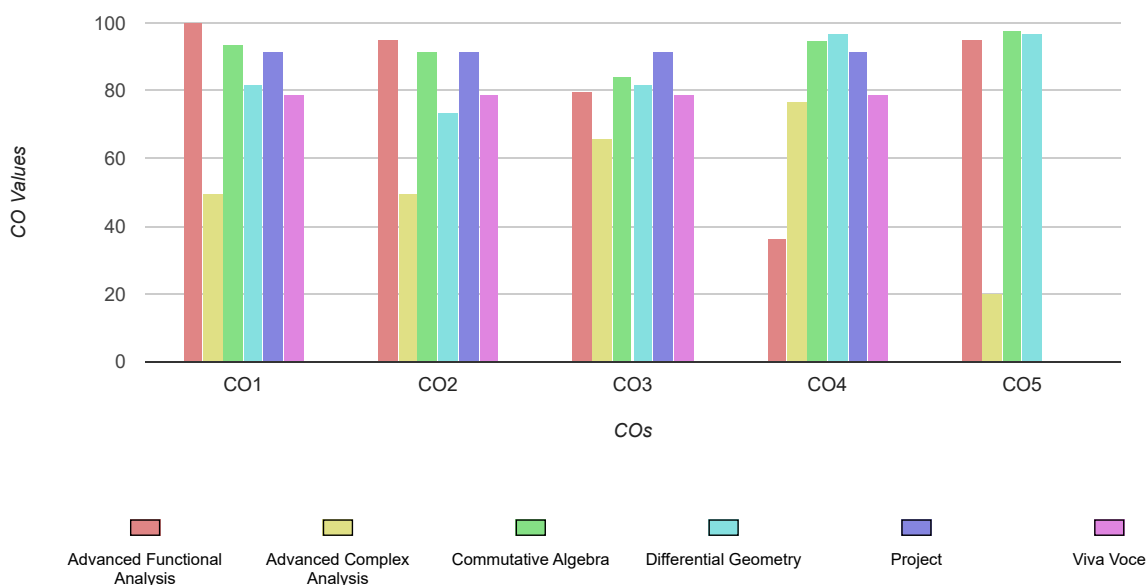
SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	43.95	70.08	61.01	78.08	46.79
Topology	CC19PMTH2C08	68.73	70.56	46.12	61.25	32.16
ODE & Calculus of Variations	CC19PMTH2C09	85.28	77.23	31.52	44.32	31.52
Operations Research	CC19PMTH2C10	65.44	83.36	74.72	43.25	78.81
Real Analysis II	CC19PMTH2C07	48.59	47.16	46.88	57.12	31.52



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	48.93	43.42	45.88	74.68	67.34
Complex Analysis	CC19PMTH3C12	69.81	37.81	57.95	56.93	78.93
Functional Analysis	CC19PMTH3C13	75.17	94.60	52.13	18.38	40.09
Cryptography	CC19PMTH3E02	61.14	67.20	98.67	100.00	73.33
PDE and Integral Equations	CC19PMTH3C14	93.09	40.84	57.89	26.34	42.86



SEMESTER 4 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Advanced Functional Analysis	CC19PMTH4C15	100.00	95.00	79.80	36.00	95.13
Advanced Complex Analysis	CC19PMTH4E05	49.78	49.71	66.00	76.63	20.00
Commutative Algebra	CC19PMTH4E08	93.37	91.58	84.04	94.74	97.37
Differential Geometry	CC19PMTH4E09	81.79	73.69	81.55	96.75	96.75
Project	CC19PMTH4P01	91.55	91.55	91.55	91.55	
Viva Voce	CC19PMTH4V01	78.72	78.72	78.72	78.72	





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



OBE CARD

Department:	MATHEMATICS
Program:	PG - MSC - M.Sc. Mathematics (Aided)
Batch:	MSC MATHS 2022

Name:	ROSH KRISHNA V
Register No:	CCAWMMS016
Admission No:	11584
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

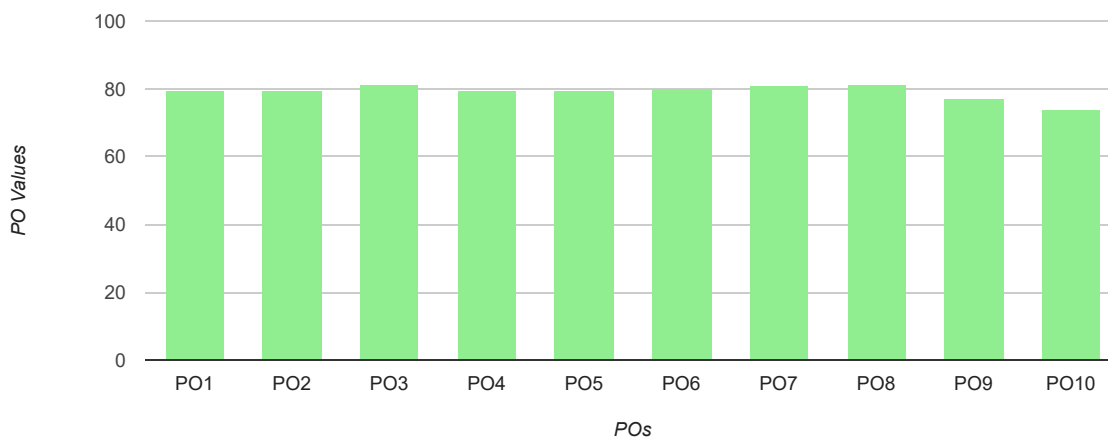
Program: PG - MSC - M.Sc. Mathematics (Aided)

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, linguistic and religious backgrounds
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 the marginalized
PO10	A heightened awareness of environmental issues and necessity of solving them

Program Outcome Attainment

PROGRAM OUTCOME PERCENTAGE OF ROSH KRISHNA V										
PO CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	79.78	79.75	81.18	79.72	79.78	80.07	80.97	81.29	77.43	74.14

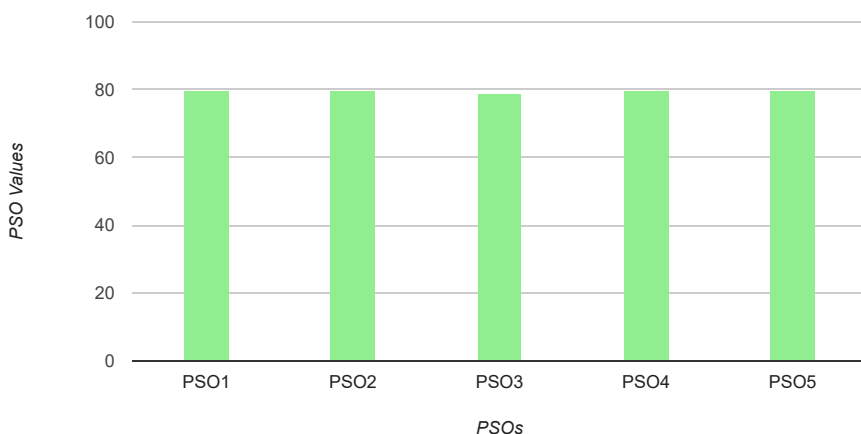


Program Specific Outcome LIST

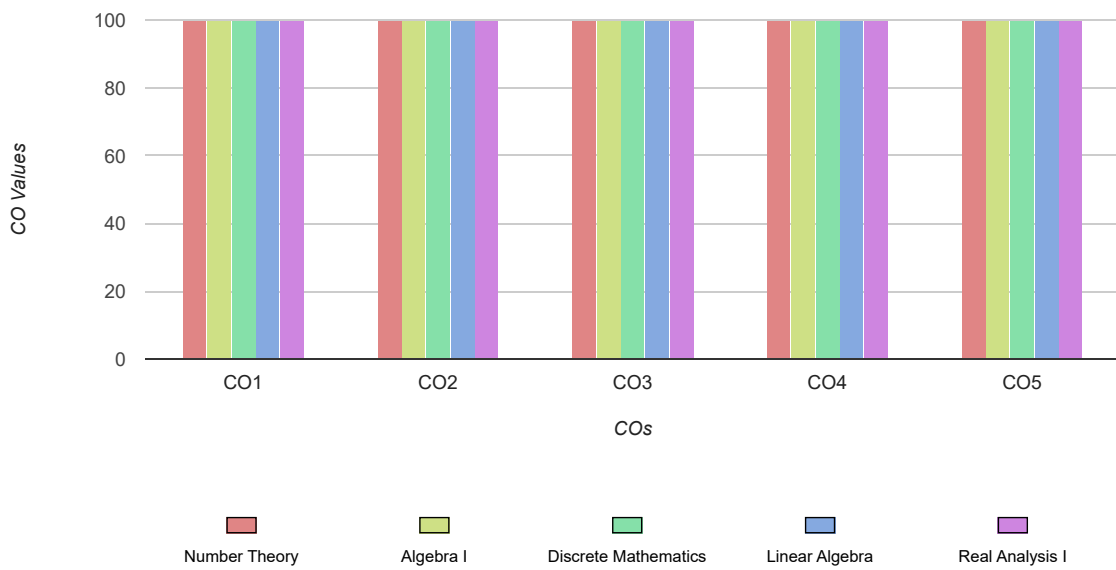
PSO CODE	PSO DESCRIPTION
PSO1	Develop a strong foundation in core areas of Mathematics
PSO2	Develop abstract mathematical thinking through knowledge in pure mathematics
PSO3	Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon
PSO4	Strengthen the knowledge in different branches of Mathematics and apply it to various interdisciplinary domains
PSO5	Put forward the research aptitude in Mathematics and related fields

Program Specific Outcome Attainment

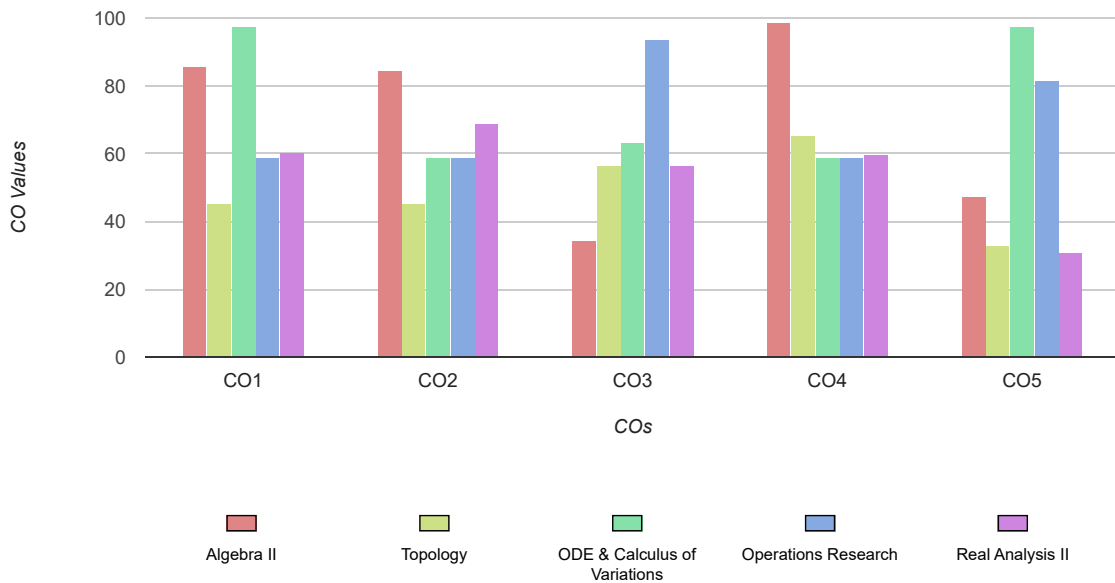
PROGRAM SPECIFIC OUTCOME PERCENTAGE OF ROSH KRISHNA V					
PSO CODE	PSO1	PSO2	PSO3	PSO4	PSO5
	79.78	79.63	78.75	79.76	79.70



SEMESTER 1 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Number Theory	CC19PMTH1C05	100.00	100.00	100.00	100.00	100.00
Algebra I	CC19PMTH1C01	100.00	100.00	100.00	100.00	100.00
Discrete Mathematics	CC19PMTH1C04	100.00	100.00	100.00	100.00	100.00
Linear Algebra	CC19PMTH1C02	100.00	100.00	100.00	100.00	100.00
Real Analysis I	CC19PMTH1C03	100.00	100.00	100.00	100.00	100.00



SEMESTER 2 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Algebra II	CC19PMTH2C06	85.92	84.50	34.72	98.72	47.52
Topology	CC19PMTH2C08	45.60	45.60	56.53	65.38	32.80
ODE & Calculus of Variations	CC19PMTH2C09	97.44	59.04	63.31	59.04	97.44
Operations Research	CC19PMTH2C10	59.04	59.04	93.78	59.04	81.80
Real Analysis II	CC19PMTH2C07	60.75	69.28	56.48	59.68	30.88



SEMESTER 3 - COURSE WISE COURSE OUTCOME PERCENTAGE						
Course Name	Course Code	CO1	CO2	CO3	CO4	CO5
Multivariable Calculus and Geometry	CC19PMTH3C11	73.33	48.69	82.40	51.74	54.07
Complex Analysis	CC19PMTH3C12	79.76	97.31	87.63	82.20	70.20
Functional Analysis	CC19PMTH3C13	99.58	99.58	51.09	99.69	77.69
Cryptography	CC19PMTH3E02	93.14	84.00	78.30	100.00	66.00
PDE and Integral Equations	CC19PMTH3C14	57.54	35.54	39.69	40.54	60.39

