

BIO DATA

Dr. Shery Fernandez

Permanent Address	Present Address	Official Address
Manapurath House Varapuzha Landing P.O Edampadam-683517 Ernakulam District Kerala	Manapurath House Varapuzha Landing P.O Edampadam-683517 Ernakulam District Kerala	Professor Department of Mathematics CUSAT Kalamassery 682022
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Institution : Cochin University of Science and Technology (CUSAT)

Date of Birth : 10/05/1972

Gender (M/F/T) : Male

Category Gen/SC/ST/OBC : OBC, Latin Catholic - Anglo Indian

Whether differently abled : No

Academic Qualifications:

Name of the Degree	Year	Subject	University / Institution	% of marks
M.Sc	1995	Mathematics	Calicut University	64
M. Phil.	1997	Mathematics	CUSAT	72
PGDCA	2003	Computer Applications	IT Line	95
Ph. D	2005	Mathematics	MG University	--

Ph.D

Title of the thesis : A study of Fuzzy G-modules
Guides Name : Dr. Souriar Sebastian
Institution : St. Albert's College, Ernakulam
Year of award : 2005

Work (Teaching) Experience:

Sl. No:	Position held	Name of the Institution	From	To	Pay scale (As per 2016 revised pay)
1	Assistant Professor Level 10 AGP 6000	St. Albert's College Ernakulam	March 2005	March2009	57,700 - 1,82,400
2	Assistant Professor Level 11 AGP 7000	St. Albert's College Ernakulam	March 2009	March2014	68,900 - 1,82,400
3	Assistant Professor Level 12 AGP 8000	St. Albert's College Ernakulam	March 2014	March2017	79,800 - 1,82,400
4	Associate Professor Level 13A AGP 9000	St. Albert's College Ernakulam	March 2017	July 2019	1,31,400 - 2,17,100
5	Associate Professor Level 13A AGP 9000	Department of Mathematics CUSAT	July 2019	July 2022	1,31,400- 2,17,100
6	ProfessorLevel 14 AGP 10000	Department of Mathematics CUSAT	July 2022	Still continuing	1,44,200 - 2,18,200

Awards/Medals/Fellowships Academic recognitions/Citations:

Sl. No	Name of Award	Awarding agency	Place& Year
1	Best Paper Award	International Conference on Methods and Models in Science and Technology (ICM2ST-10)	Chandigarh, India, 2010
2	Best Paper Award	International Conference on Mathematical Sciences and Computer Engineering	Langkawi, Malaysia, 2017

Publications:

Sl. No:	Authors	Title	Name of the Journal	Year	Volume	PageNo.
1	Shery Fernandez, Manju Varghese	Fuzzy Noetherian Modules	Creative Mathematics and Informatics	2024	33(1)	119-128
2	Shery Fernandez, Manju Varghese	The level cardinality of fuzzy module under Z-module homomorphism on Z_n to Z_m , where $\gcd(n,m)$ is product of primes	Fuzzy systems and data mining	2023	IX	29-35
3	Shery Fernandez, Simi Thomas, T. Prasad	Property (UWE) for functions of operators	Palestine Journal of Mathematics	2022	II(I)	1-6
4	Shery Fernandez, T. Prasad, Simi Thomas	Stability of Property (UWE) Under Compact Perturbations	Springer Link: https://doi.org/10.1007/s12215-022-00847-3	2022		
5	Shery Fernandez, Divya Mary Daise S, Deepthi Mary Tresa S	Intuitionistic level Subgroups in the Dihedral Group D_3	Creative Mathematics and Informatics	2022	31(2)	185-194
6	Shery Fernandez, Divya Mary Daise S, Deepthi Mary Tresa S	On Isomorphisms of Intuitionistic Fuzzy Sets	Journal of Advanced Mathematical Studies	2022	15(2)	176-186
7	Shery Fernandez, Divya Mary Daise S, Deepthi Mary Tresa S	Intuitionistic Level subgroups in the Klein - 4 group	Creative Mathematics and Informatics	2021	30(2)	164-173
8	Shery Fernandez, Divya Mary Daise S	Intuitionistic level subgroups in cyclic groups of order	South East Asian Journal of Mathematics and Mathematical Sciences	2021	17(1)	125-138
9	Shery Fernandez, Deepthi Mary Tresa S	Interval valued Fuzzy graph and Complement Number	CCIS, Springer	2021		192-202
10	Shery Fernandez, Divya Mary Daise S, Deepthi Mary Tresa S	The Chain structure of intuitionistic level subgroups in cyclic groups of order pq	Malaya Journal of Matematik	2020	8(4)	1818-1823
11	Shery Fernandez, Divya Mary Daise S, Deepthi Mary Tresa S	The lattice of pre-complements of a classic interval valued fuzzy graph	Malaya Journal of Matematik	2020	8(3)	1311-1320

12	Shery Fernandez, Divya Mary DaiseS, Deepthi Mary Tresa S	Classic and Non- classic Interval Valued Fuzzy Graphs	International journal of applied Engineering research.	2018	13(2)	1-4
13	Shery Fernandez, Benny K J	The doze optimization of nano silver on Salmonella Typhmurium using fuzzy mathematics	Journal of computer and Mathematical sciences	2018	9(2)	110- 116
14	Shery Fernandez, Benny K J	The doze optimization through fuzzy mathematics	International journal of pure and applied mathematics	2017	117(14)	123- 133
15	Shery Fernandez	Fuzzy Noetherian G- module	International journal of science and engineering technology	2015	3(5)	17-19
16	Shery Fernandez	Fuzzy G-modules on GF()	Journal of computer and Mathematical sciences	2015	6(9)	455- 459
17	Shery Fernandez	Artinian Fuzzy g- modules	Journal of computer and Mathematical sciences	2015	6(10)	532- 537

18	Shery Fernandez, Souriar Sebastian	Quasi injective fuzzy G-moduleson	International Journal of scientific and Research Publications	2015	5(9)	627- 632
19	Shery Fernandez, Souriar Sebastian	A fuzzy techniquefor traffic solution	Journal of computerand Mathematical sciences	2012	3(1)	37-46
20	Shery Fernandez, Souriar Sebastian	On pseudo fuzzy complements of fuzzy sets and existence of equilibrium and dual points	Ultra scientist journalof physical sciences	2012	24(1)A	87-90

Details of patents : Nil

Books:

Sl. No:	Authors	Title	Publisher with place of publication	Year
1.	Shery Fernandez, Edwin TomsonV T	My Panacea for XII Mathematics	My Panacea Media Solutions Pvt. Ltd, Kochi 682027	2009

Other informations:

Full paper in conference proceedings:

Sl. No:	Authors	Title	Name of the Conference/Seminar	National/ International	Year	PageNo.
1.	Shery Fernandez	On the existence of infinitudes of FuzzyG- modules	Algebra and Coding Theory	National	2005	41-45
2.	Shery Fernandez	On Fuzzy ProjectiveG- modules	Frontiers of Discrete and Fuzzy Mathematics	National	2006	159- 165
3.	Shery Fernandez, MuhammadIqbal	Fuzzy Maximal Bi- Ideals	Stochastic Financeand Fuzzy decisionTheory	National	2012	81-90

4.	Shery Fernandez	Fuzzy Finite Fields	Some recent Developments in Mathematics and their Applications in Medical Diagnosis	National	2013	45-50
5.	Shery Fernandez	ACC and DCC conditions of FuzzyG-modules	Advances in Applied Mathematics, Materials Science and Nano Technology for Engineering and Industrial Applications	International	2016	102.1 - 102.12
6.	Shery Fernandez, Benny K J	Antibacterial Effect of Silver Nitrate on Salmonella Typhimurium and Doze Optimization through Fuzzy Mathematics	Mathematical Sciences and Computer Engineering	International	2017	71-75
7	Shery Fernandez, Deepthi Mary Tresa S, Divya Mary Daise S	A Study of Classic and Non classic Interval valued Fuzzy Graphs	International Conference on Mathematics	International	2018	72-77
8	Shery Fernandez, Deepthi Mary Tresa S, Divya Mary Daise S	Intuitionistic Level Subgroups of Intuitionistic Fuzzy Groups	International Conference on Mathematics	International	2018	78-82
9	Shery Fernandez, Deepthi Mary Tresa S	Classic and Non- classic interval valued fuzzy Graphs	International Conference on Science and Technology (ICST 2018). CUSAT	International	2018	1-4
10	Shery Fernandez, Juliet A J	A study of fuzzy bilinear map over fuzzy inner product space	International Conference on Topology and Fractals	International	2018	161-167
11	Shery Fernandez, Divya Mary Daise S	Chain of ILSG's in cyclic groups of prime order	International Conference on Topology and Fractals	International	2018	105-113
12	Shery Fernandez, Deepthi Mary Tresa S	An introduction to complement number of an edge	International Conference on Topology and Fractals	International	2018	97-103

Research Experience:

Experience	Institution	Duration
Research Scholar	Rev. Dr. A O Konnully Research Centre and Post Graduate Department of Mathematics. St. Albert's College Ernakulam	March 2000 – February 2005 (5 years)
Sub Editor of the Department Journal TAJOPAAM.	Rev. Dr. A O Konnully Research Centre and Post Graduate Department of Mathematics. St. Albert's College Ernakulam	March 2005 – December 2017 (12 years)
Research Guide	1. Rev. Dr. A O Konnully Research Centre and Post Graduate Department of Mathematics. St. Albert's College Ernakulam. 2. Department of Mathematics CUSAT	January 2018 – Still continuing. August 2019 – Still continuing

Projects:

Minor Project	Principal Investigator	Topic & Duration	Funding Agency & Status	Project Cost
1	Dr. Shery Fernandez	Solution of Traffic Jam Problem through Fuzzy Applications. 2007-2010	UGC Completed	Rs. 50,000/-
2	Dr. Shery Fernandez	Study of Antibacterial Effect of Nano silver and Doze optimization through Fuzzy Mathematical Technique. 2015-2017	UGC Completed	Rs. 3,55,000/-

Research Guidance:

Sl. No:	Course	Number of Scholars	Degree Awarded
1.	M.Phil	5	Yes
2.	Ph. D	7	2

Organizer / Convener / Coordinator of International / National Conferences:

Sl. No	Responsibility & Year	Programme	National / International
1	Co-ordinator 2019	Albertian Knowledge Summit, Department of Mathematics, St. Albert's College, Ernakulam	International
2	Co-ordinator 2016	Workshop on Linear Algebra, Organised by Institute of Mathematics Research and Training (IMRT – Institute of Mathematics research and Training), St. Albert's College, Ernakulam	National
3	Co-ordinator 2013	UGC sponsored Seminar on “Some recent developments in mathematics and their application in image processing and medical diagnosis”, St. Albert's College, Ernakulam	National

Participation in training programs:

Sl. No :	Programme	Venue	Duration	Number of weeks/ number of days
1.	Orientation Programme	University Grants Commission Academic Staff College Gujarat University Ahmedabad	01/06/2009 – 28/06/2009	4 weeks
2.	Mathematics Talent Search and Nurture Programme	Department of Mathematics Calicut University Malappuram	08/05/2006 – 27/05/2006	3 weeks
3.	Refresher Course	University Grants Commission, Academic Staff College. University of Calicut.	08/01/2015 – 29/01/2015	3 weeks
4.	Training Programme	Rajagiri College of Social Sciences Training and Orientation Centre Kalamassery	04/08/2009 – 13/08/2009	2 weeks

5.	Training Programme	Department of Mathematics Kumaun University SSJ Campus, Almora Uttarakhand	17/03/2014 - 29/03/2014	2 weeks
6.	Training Programme	Division of Applied Sciences and Humanities School of Engineering, CUSAT	04/04/2016 - 08/04/2016	1 week
7.	Training Programme	Faculty development programme on "Outcome based teaching, learning and assessment strategies" conducted by IQAC, CUSAT.	27/11/2019 - 01/12/2020	1 week
8	Training Programme	Faculty development programme on "Outcome based Education, conducted by IQAC, CUSAT.	18/05/2022 & 26/05/2022	2 days
9	Workshop	Workshop on Syllabus Revision in PG Mathematics organized by the Board of Studies in Mathematics (PG). University of Kerala	24/08/2022 - 26/08/2022	3 days
10	Workshop	Workshop on Mathematics Quiz and Talent Search question paper preparation organized by the Director of General education, Thiruvananthapuram.	22/09/2022 - 24/09/2022	3 days

Academic Administrative experience:

Sl.No	Position	Programme & Duration
1	Member	Board of Studies Department of Mathematics Cochin University of Science & Technology Kalmassery, Kochi
2	Member	Board of Studies Department of Mathematics Amal Jyothi College of Engineering Kanjirapally, Kottayam
3	Member	Academic Committee for P.G Mathematics Sreenarayanaguru Open University Kollam
4	Member	Board of Studies Department of Mathematics Rajagiri College of Engineering & Technology Ernakulam.
5	Member	Board of Studies Department of Mathematics St. Albert's College Ernakulam.

6	Member	Board of Studies Department of Mathematics U. C. College Aluva, Kochi
7	External Expert	<ol style="list-style-type: none"> 1. Kerala University 2. Calicut University 3. Kannur University 4. Bharathiar University 5. M G university 6. KTU, Thiruvananthapuram 7. PSG Arts & Science College (Autonomous) , Coimbatore 8. S H College (Autonomous), Ernakulam. 9. St. Albert's College(Autonomous), Ernakulam. 10. St. Teresa's College (Autonomous), Ernakulam 11. General Education Department, Thiruvananthapuram
8	Coordinator	Integrated MSc Department of Mathematics CUSAT (2020-2023)