



SAIVA BHANU KSHATHRIYA COLLEGE, ARUPPUKOTTAI - 626101

Name : Dr. V.THIRUVENI
Designation : Assistant Professor
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WORK EXPERIENCE :

Name of the College	Designation	From	To	Years of Experience
S.B.K. College, Aruppukottai	Assistant Professor (REGULAR)	18.12.2013	Till date	09 Years
S.B.K. College, Aruppukottai	Assistant Professor (S.F)	09.06.2008	17.12.2013	05 Years 6 Months
S.B.K. College, Aruppukottai	Lecturer (S.F)	24.07.1995	24.11.2000	05 Years 4 Months
Total				19 Years 10 Months

AWARDS / MEDALS / HONOURS / RECOGNITION: NIL

S.No	Title of the Award / medals / honours / recognition	Name of the Award	Award Given by	Date of the Award Received
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EDUCATIONAL QUALIFICATION:

Course	College/University	Subject	Year	Division/ Grade/ Merit, etc.,
B.Sc.	Devanga Arts College, Aruppukottai	Mathematics	1992	87%
M.Sc.	S.B.K. College, Aruppukottai	Mathematics	1994	81%
P.G.D.C.A	S.B.K. College, Aruppukottai	Computer Application	1995	75%
M.Phil.	Madurai Kamaraj University, Madurai	Mathematics	2007	51%
Ph.D	Madurai Kamaraj University, Madurai	Mathematics	2013	-----

RESEARCH EXPERIENCE:

Research Stage	Title of work / Thesis	University where the work was carried out
Ph.D.	Topics on Derivations on Semirings	Madurai Kamaraj University, Madurai

Research Guidance (Give name of students Registered)

S.no	Reg.no.	Student name	Research topic	Completed year
Ph.D.				
1.	P5536	M. JANSI	Zariski Topology on Soft BF-Algebras	23.11.2022
2.	P5537	A. ARUL DEVI	Polynomials associated with semiring valued graphs	Submitted
3.	P5538	P. MALATHY	Set and Global Set Domination on S-Valued Graphs	Pursuing
4.	P5539	P. LAKSHMI KUMARI	A Study on Topologies of BE-Algebras	Pursuing
M.Phil				
1.	B4811403	K. MANJU	Semiring Actions And Cryptography	2015
2.	B4811400	A.AMBIKA	A Study on Prime Ideals in Semirings	2015
3.	B4811413	T. THANGAMMAL	A Study on Gel'fand Semiring	2015
4.	B4811411	S. SUGANYA	Semiring Framework For Network Problems	2015
5.	B5813850	K. AMUTHA	Strong Derivation Pairs on Semirings	2016

6.	B5813854	M. JANSI	Topological Structures on BCH-Algebras	2016
7.	B5813855	S. KAVITHA	Generalized Reverse Derivations on Semirings	2016
8.	B6814552	G. GAYATHRI DEVI	Symmetric Bi-Derivations on Semirings	2017
9.	B6814553	R. HIDHAYA BANU	t-Derivations on BH-Algebras	2017
10.	B6814559	A.SARGUNA	*-Ideals and *-Jordan Ideals on Involution Semirings	2017
11	B6814560	R.VELVIZHI	α -Semi-Derivations on Semirings	2017
12.	B6814561	S. VIMALA	Generalized Jordan Triple (α, β) -Derivations on Semirings	2017
13.	B7810568	S. SELVARAJ	Further Study on Generalization of Fuzzy Closed Sets in Fuzzy Topological Spaces	2018
14	B7810572	S. VELAYUTHA MOORTHY	A Study On New Forms Of Closed Sets In Ideal Topological Spaces 2018	2018
15	B8819160	D. KANMANI	Distance Domination on S-Valued Graphs	2019

RESEARCH PROJECTS:

Title of the Project	Name of the Funding Agency	Duration	Remarks
Public Key Cryptography Based On Semiring Actions	UGC-SERO	2 YEARS	COMPLETED

PUBLICATIONS :

(i) Published Papers in Journals :

S.No.	Title of the Paper	Name of the Journal	ISSN / ISBN No.	Vol No.	Page Nos.	Year
1.	Separation Axioms on S-Topological BE-Algebras	Proceedings of V th International Conference on Research, Analyze, Communicate and Evaluate	ISBN:978-93-91535-03-2	ISBN:978-93-91535-03-2	57-60	July 2022
2	Total Chromatic number of S-Valued Graphs	Recent Trends in Science and Engineering, AIP Conference Proceedings 2393, 020187(2022)	1551-7616	2393, 020187 (2022)	020187-1-020187-7	2022

3	Boundary Weight Domination on S-Valued Graphs	Indian Journal of Natural Sciences (IJONS)	0976-0997	Vol12, Issue 70,	38633-38640	2022
4	A Note on $TSBF_1$ -Algebras	Indian Journal of Natural Sciences (IJONS)	0976-0997	Vol-12, Issue 69	37092-37097	2021
5	Complementary role of ideals in $TSBF$ -algebras	Malaya Journal of Matematik	2321-5666	Vol. 8, No. 3,	1037-1040	2020
6	Semiring Actions for Public Key Cryptography	Journal of Computer and Mathematical Sciences	2319-8133	Vol.10(1)	238-244	2019
7	Elgamal Encryption using Regular Semiring	Global Journal of Mathematical Sciences: Theory and Practice	0974-3200	Vol. 10 No.1	37-42	2018
8	Jordan Derivation Pairs on Semirings	The Journal of Indian Academy of Mathematics	0970-5120	Vol. 39 No. 1	93-103	2017
9	Reverse Derivation on Semirings	Proceedings of the International Conference on Recent Trends in Applied Mathematics	ISBN: 978-93-5268-266-9	ISBN No. 978-93-5268-266-9	168-172	2017
10	Triple Derivation and Jordan Triple Derivation on Semirings	Proceedings of the International Conference on Recent Trends in Applied Mathematics	ISBN: 978-93-5268-266-9	ISBN No. 978-93-5268-266-9	182-186	2017
11	S-Derivation and Jordan S-Derivation Pairs on Semirings	International J. of Pure and Applied Mathematics(IJPAM)	1314-3395	Vol. 112, No. 5,	1-8	2017
12	Biderivations on Ideals in Semiprime Semirings	International J. of Pure and Applied Mathematics(IJPAM)	1314-3395	Vol. 98, No.5	1-8	2015
13	(α, β) -derivations on Semirings	International J. of Math. Sci. and Engg. Applications. (IJMSEA)	0973=9424	Vol. 8, No. IV	. 219-224	2014
14	Prime Semirings admitting Generalized Derivations	International Journal of Mathematical Archive	2229-5046	Vol. 3(11), ISSN 2229 – 5046	.3958-3960	2012
15	Derivations on Units in Semirings	Recent Developments in Pure and Applied Mathematics	ISBN: 978-93-80368-13-9,	ISBN: 978-93-80368-13-9,	. 58-65	2012
16	Commutativity Theorems on Semiring	International J. of Math. Sci. and Engg. Appls. (IJMSEA)	0973=9424	Vol. 5, No. IV	. 191-200	2011
17	ON α -Derivations in Semirings	International Journal of Pure and Applied Sciences and Technology	2229-6107	Vol. 2(1)	. 71-77	2011
18	On Derivations of Semirings	Advances in Algebra	0973-6964	Vol. 3(1-2)	123-131	2010

INVITED TALKS:

S.No.	Topic of the Lecture	Organized By	Level of the Programme	Place and Date
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1.	CANTOR'S INFINITY THEORY	UG MATHEMATICS ASSOCIATION, VHNSN COLLEGE	DISTRICT LEVEL	DEPARTMENT OF MATHEMATICS, VHNSN COLLEGE, 30 TH AUGUST 2018
2.	SEMI-RINGS AND APPLICATIONS	DEPARTMENT OF MATHEMATICS, M.S.UNIVERSITY CONSTITUENT MODEL COLLEGE, NAGALAPURAM	STATE LEVEL SEMINAR	M.S.UNIVERSITY CONSTITUENT MODEL COLLEGE, NAGALAPURAM 1 ST FEBRUARY 2019
3	SAFER INTERNET DAY 2021	DEPARTMENT OF COMPUTER APPLICATIONS, S.B.K.COLLEGE, ARUPPUKOTTAI	COLLEGE LEVEL	NEW CONFERENCE HALL, S.B.K. COLLEGE, ARUPPUKOTTAI 09.02.2021

BOOKS / JOURNALS EDITED:

S.NO.	Title	Author's Name	Publisher	Year of Publication
1.	Proceedings of NBHM sponsored National Seminar on Current Trends in Mathematics	Edited by: M. Chandramouleeswaran V. Thiruveni	Dept. of Mathematics, SBK College	2014
2.	Proceedings of UGC sponsored National Seminar on Algebra, Fuzzy Algebra and Fuzzy graphs	Edited by: M. Chandramouleeswaran V. Thiruveni	IJPAM Vol. 98(5)	2015
3.	Proceedings of UGC sponsored Advances in Algebra, Analysis and Graph Theory	Edited by: M. Chandramouleeswaran V. Thiruveni	IJPAM Vol. 112(5)	2017

CONFERENCE / WORKSHOPS / LECTURES ORGANIZED:

S.NO.	Name of the Programme	Name of the Position	Funding Agency	Place & Date
1	National Seminar on Recent Topics in Algebra and Analysis	Organizing Committee Member	Department of Mathematics, S.B.K.College, Aruppukottai	S.B.K. College, Aruppukottai May 05, 2021
2	National Seminar on "Recent Topics in Algebra and Analysis"	Organizing Committee Member	Department of Mathematics, S.B.K.College, Aruppukottai	S.B.K. College, Aruppukottai 10, January 2020
3	International Seminar on Applied Mathematics	Organizing Secretary	Department of Mathematics,	S.B.K. College, Aruppukottai

			S.B.K.College, Aruppukottai	August 02, 2018
4	National Seminar on Advances in Algebra, Analysis and Graph Theory	Organizing Committee Member	UGC	S.B.K. College, Aruppukottai January 04 & 05, 2017
5	One day State Level Workshop on Latex	Organizing Committee Member	Department of Mathematics, S.B.K.College, Aruppukottai	S.B.K. College, Aruppukottai March 07, 2015
6	National Seminar on Algebra, Fuzzy Algebra and Fuzzy Graphs	Organizing Committee Member	UGC	S.B.K. College, Aruppukottai January 05 & 06, 2015
7	National Seminar On Current Trends in Mathematics	Organizing Committee Member	NBHM	S.B.K. College, Aruppukottai. 07-08 February, 2014

PAPERS PRESENTED IN CONFERENCE / SEMINAR

Sl. No.	Name & Title of the Seminar / Conference	Level	Date	Venue	Title of the Paper
1	Vth International Conference on Research, Analyze, Communicate and Evaluate	International	02 nd July 2022	Dolphin (PG) College of Science and Agriculture, Chunni Kalan, Punjab, India	Separation Axioms on S-Topological BE-Algebras
2	International Conference on Multidisciplinary Approaches in Humanities,	International	30 th April 2021	Sri S.Ramasamy Naidu Memorial College,	Basic Topological Concepts on $TSBF_1$ Algebras

	Management and Sciences			Sattur	
3	International Conference on Multidisciplinary Approaches in Humanities, Management and Sciences	International	30 th April 2021	Sri S. Ramasamy Naidu Memorial College, Sattur	Strong and weak Dominating Polynomial on S^+ Valued graphs
4	Second International Conference on Algebra and Discrete Mathematics ICADM 2020	International	24 th to 26 th June 2020	Department of Mathematics – DDE, Madurai Kamaraj University, Madurai	Connected Weight Dominating Polynomials on S^+ Valued Graphs
5	International Conference on New Frontiers in Mathematics and Computing	International	18 & 19 Feb 2019	Lady Doak College, Madurai	Topological BCH-Groups
6	National Seminar on Pure and Applied Mathematics	National	19-12-2018	SFR College for Women, Sivakasi	BCH-Groups
7	International Conference on Recent Trends in Applied Mathematics	International	24 & 25, January 2017	Sri S. Ramasamy Naidu Memorial College, Sattur	Reverse Derivation on a Semiring
8	National Seminar on Advances in Algebra, Analysis and Graph Theory	National	05 & 06 January 2017	S.B.K. College, Aruppukottai	S-Derivation Pairs and Jordan S-derivation Pairs on Semiring
9	National Conference on Ramanujan's	National	21-23 Decemb er 2015	School of Mathematics, M.K.	Action of a Semiring on RSA

	Contributions and Recent Trends in Mathematics			University, Madurai	Algorithm
10	National Symposium on Mathematical Methods and Applications	National	22 December 2014	IIT, Madras	Biderivations in semiprime semirings
11	79 th Annual Conference of the Indian Mathematical Society	International	28- 31, December 2013	Rajagiri School of Engineering and Technology, Kochi, Kerala.	Left Jordan Derivations on semirings
12	National Symposium on Mathematical Methods and Applications	National	22 December 2014	IIT, Madras	Derivations of Higher Order on Semirings
13	Two Day National Seminar on Algebra, Topology and their Applications	National	11 th and 12 th March. 2013	ANJA College, Sivakasi.	(α, β) -Derivations on Semirings
14	Two Day International Conference on Algebra and its Applications	International	December 14 & 15, 2011	Periyar Maniammai University, Vallam.	Commutativity of Prime Semirings admitting generalized derivations
15	National Seminar on Recent Developments in Pure and Applied Mathematics	National	20 th & 21 st January 2011	The S.F.R. College for Women, Sivakasi.	Derivations on Units in Semirings

16	National Symposium on Mathematical Methods and Applications	National	22 December 2010	IIT, Madras	Commutativity Theorems on Semirigs
17	Platinum Jubilee 75 th Annual Conference of the Indian Mathematical Society	International	December 27-30, 2009	Kalasalingam University, Krishnankoil	On Derivations of Semirings

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS PARTICIPATED:

(I) SEMINAR/CONFERENCES ATTENDED:

S.No.	Name of the Seminars/Conference	Name of the Sponsoring Agency	Level	Place and Date
1	Two days In-Service Teacher Training Programme in Mathematical Science	Tamil Nadu State Council for Higher Education, Chennai	State	Sri Meenakshi Arts College for Women(A), Madurai May 05 & 06, 2022
2	International Conference on Multidisciplinary Approaches in Humanities, Management and Sciences		International	Sri S. Ramasamy Naidu Memorial College, Sattur 30.04.2021
3	Outreach Programme on Awareness on Moocs		National	V.V.Vanniaperumal College for Women, Virudhunagar 01.02.2020
4	International Web Seminar on Applied Mathematics and Mathematical Physics, Number Theory and Analysis AMMPNTA 2021		International	Calcutta Mathematical Society, Kolkata 16.01.2021 and 17.01.2021
5	86 th Annual Conference of Indian Mathematical Society – An International	INDIAN MATHEMATICAL SOCIETY	International	Department of Mathematics, School of Advanced Sciences, Vellore

	Meet – IMS 2020			Institute of Technology, Vellore 17.12.2020 to 20.12.2020
6	International Web Conference on “Advances in Mathematics”		International	PG and Research Department of Mathematics, St. Mary’s College (Autonomous) Thoothukudi. 17 th to 19 th , June 2020
7	National Seminar on “Recent Topics in Algebra and Analysis”		National	S.B.K. College, Aruppukottai . 10.01.2020
8	National Seminar on “Revised Assessment and Accreditation Framework of NAAC- An Approach”		National	S.B.K. College, Aruppukottai. 11.10.2019
9	National Seminar on “Quality Enhancement and Sustenance in Higher Education : Challenges and Opportunities”		National	S.B.K. College, Aruppukottai. 20.07.2019
10	National Level Seminar on Modern Trends in Domination Theory	UGC	National	Sri S. Ramasamy Naidu Memorial College, Sattur 17 March 2016
11	Faculty Enrichment Programme on “Mathematical Modeling using Maple Software	CE Grant	State	ANJA College, Sivakasi. 20-02- 2016
12	One Day Faculty Development Programme on “Quality Metrics in Higher Education”	IQAC, SBK College	State	S.B.K. College, Aruppukottai. 11-10- 2014
13	One Day State Level Seminar on Innovative Techniques in Mathematics	Department of Mathematics, S.B.K. College, Aruppukottai	State	S.B.K. College, Aruppukottai. Sep. 14,2012

WORKSHOP ATTENDED

Title of the Workshop	Level	Date	Venue
Three Days National e-Workshop on “SAGEMATH”	National	22 nd – 24 th JULY 2021	Department of mathematics, ThassimBeevi Abdul Kader College for Women, Kilakarai.
Five Days e-Workshop on Latex	National	05 th to 9 th July 2021	Department of Mathematics, School of Science, GITAM, Bengaluru.
One day Workshop on “ Fractional Dynamical Systems”	National	26 th JUNE 2021	Department of Mathematics Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu
Two Day National Level Workshop on FREE ICT TOOLS FOR E-CONTENT DEVELOPMENT &ONLINE TEACHING	National	06.06.2020 & 07.06.2020	Department of Sciences and Humanities, Gojan School of Business and Technology, Chennai

OTHERS

REFRESHER COURSES ATTENDED:

S.No.	Programme	Duration	Organized by
1	Teaching Learning Center, Ramanujan College, Delhi	Two week Interdisciplinary Refresher Course on “Managing Online Classes & Co-creating MOOCs 21.0	07-21, December 2022
2	Teaching Learning Center, Ramanujan College, Delhi	Refresher Course on Applicable Mathematics	15-29, December 2021
3	UGC-HRDC, Kannur University, Kannur, Kerala	Short Term Course on Research Methodology	22.07.2020 to 24.07.2020
4	UGC-HRDC, University of Madras, Chennai	Short Term Course on Statistical Methods	21.02.2020 to 27.02.2020
5	UGC-HRDC, University of Madras, Chennai	Refresher Course on Mathematics	07.11.2017 to 27.11.2017

ORIENTATION PROGRAMME ATTENDED:

S.No.	Programme	Duration	Organized by
1.	Orientation Programme	03-02.2015 to 02-03-2015	Academic Staff College, M.K. University, Madurai

CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES:

S.No.	Type of Activity Extension, Co-curricular & Field based activities	Year
1.	Member of Research Committee	Since 2017 to till now
2.	Mathematic Association (PG) – Vice President	2022-2023 and 2019-2020
3.	Mathematic Association (UG) – Vice President	2016-2017
4.	Member of Career Guidance and Counselling Cell	2009 to 2016
	Contribution to Corporate Life and Management of the Institution	Year
1.	Member of IQAC	Since 2016
2.	Preparation of AQAR - IQAC Activities	2013-2014
Examination Duties Assigned and Performed		
S.No.	Type of Examination Duties	Duties Assigned
1	Public Examination Duty	TNPSC GROUP II AND GROUP IV - INVEGILATOR
2	Question Paper setter (outside the College)	Question Paper Setter for Various Autonomous Colleges
3	Project External Examiner	1.M.Phil. Dessertation Evaluated. 2.External Practival Examiner for University Affiliated Colleges
4	Paper Evaluation (outside the college)	1.University B.Sc.(Mathematics) Valuation 2.Valuation in Autonomous Colleges

Yours faithfully

Dr. V.THIRUVENI