

Dr.CRUZ M

Assistant Professor,
Department of Mathematics,
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Qualification

Degree	Branch	Institution / University	Year of Passing
Doctor of Philosophy	Mathematics	Bharathidasan University	2021
Master of Science	Mathematics	Bharathidasan University	2014
Bachelor of Science	Mathematics	Loyola College, Chennai	2012

Ph.D. Details

Title of Thesis		Area of Specialization
Codes over finite fields and covering radius of codes over finite rings		Algebraic Coding Theory
Research Supervisor	Research Centre	Year of Award
Dr. C. Durairajan	Bharathidasan University	May, 2021

Cleared NET / SET :	Details	Year of Passing
SET	28127256	August, 2017

Additional Qualification

Name of Course	Place of Study	Date	Duration
German Language Course	Race, Loyola College, Chennai	May 2011	Three Months

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Vayalur Road, Trichy	Assistant Professor	1.12.2017	
Bharathidasan University		Full Time Research Scholar	14/10/2014	30/11/2017

Teaching / Research Experience

U.G. : 3 Years 1 **P.G. :** 3 Years 10 M **M.Phil.** **Ph.D.**

Table of Contents

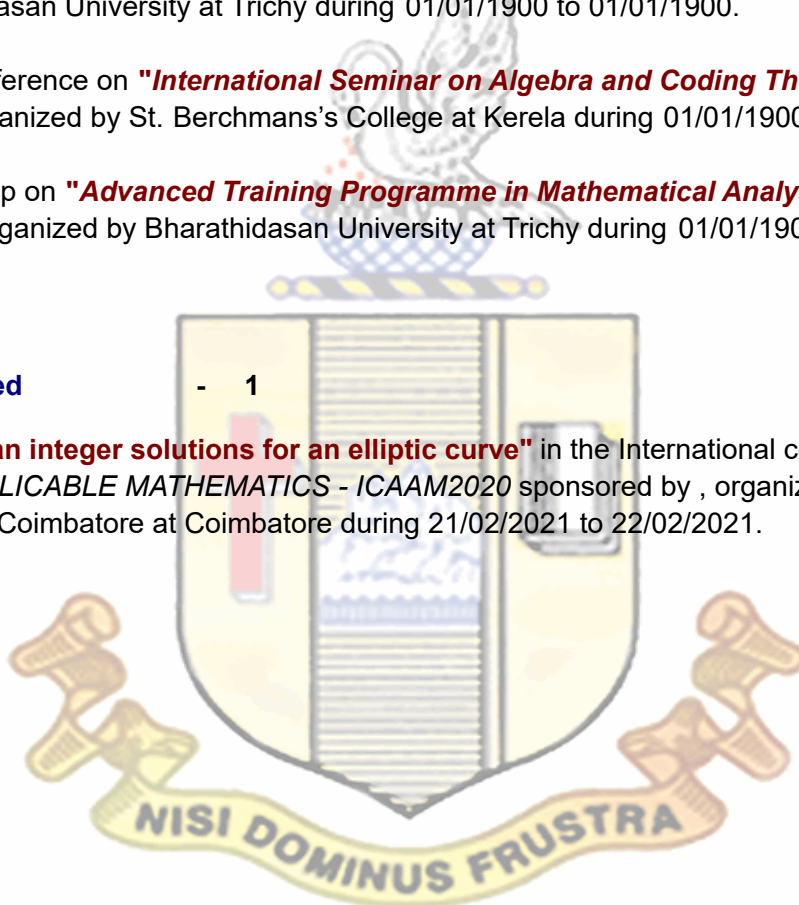
1.	Conferences / workshops / Seminars Attended	6
2.	Research Papers Presented	1
3.	Publication in Journals	5
4.	Publication in Books	0
5.	Books Published / Edited	1
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	2
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. National level Summer School on **"Advanced Training Camp in Mathematics"** sponsored by NBHM organized by SSN College, Chennai at Chennai during 01/01/1900 to 01/01/1900.
2. National level Summer School on **"Instructional Schools for Teachers in Linear Algebra"** sponsored by NBHM organized by SGGS Nanded at Maharastra during 01/01/1900 to 01/01/1900.
3. National level Workshop on **"National Workshop on Functional Analysis and Applications"** sponsored by NBHM organized by Bharathidasan University at Trichy during 01/01/1900 to 01/01/1900.
4. State level Workshop on **"Workshop on Thesis Writing"** sponsored by Bharathidasan University organized by Bharathidasan University at Trichy during 01/01/1900 to 01/01/1900.
5. International level Conference on **"International Seminar on Algebra and Coding Theory"** sponsored by CSIR organized by St. Berchmans's College at Kerela during 01/01/1900 to 01/01/1900.
6. National level Workshop on **"Advanced Training Programme in Mathematical Analysis"** sponsored by NBHM organized by Bharathidasan University at Trichy during 01/01/1900 to 01/01/1900.

Research Papers Presented

- 1

1. **"On a class of Gaussian integer solutions for an elliptic curve"** in the International conference on *ADVANCES IN APPLICABLE MATHEMATICS - ICAAM2020* sponsored by , organized by Bharathiyar University, Coimbatore at Coimbatore during 21/02/2021 to 22/02/2021.



Publication in Journals

- 5

1. **"Solutions Of Negative Pell's Equation Involving Interprimes"** published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, August 2021 ISSN : ---.
2. **"skew-constacyclic codes over"** published in Malaya Journal of Matematik (PEER REVIEW) Vol. 8, Issue No. 4, September 2020 ISSN : ---.
3. **"Construction of quantum codes from -constacyclic codes over the ring"** published in Journal of Applied Mathematics and Computing (PEER REVIEW) Vol. 65, Issue No. , September 2020 ISSN : ---.
4. **"On the Covering Radius of Codes over \mathbb{Z}_p "** published in Mathematics (PEER REVIEW) Vol. 8, Issue No. 3, March 2020 ISSN : ---.
5. **"QUANTUM PRODUCT CODES OVER THE RING $\mathbb{F}_p + u\mathbb{F}_p$ "** published in Advances in Mathematics: Scientific Journal (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.

Books Published / Edited

- 1

- * Dr. P. Mariappan . **Vector Calculus and Trigonometry**. Chennai : New Century Book House Pvt. LTd , September 2020.

Awards Recieved

- 2

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Senior Research Fellowship University Research Fellowship	CSIR Bharathidasan University	01/01/1900 01/01/1900	NATIONAL UNIVERSITY	CSIR Bharathidasan University	

JOURNAL REFEREE

1. **Reviewer** of International Journal " *Journal of Applied Mathematics and Computing*"(vol.) at U.S.A during 10/11/2020 - Till Date.

Signature of Staff
(CRUZ M)