

## Dr.CRUIZ M

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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

<b>Title of Thesis</b>		<b>Area of Specialization</b>
Codes over finite fields and covering radius of codes over finite rings		Algebraic Coding Theory
<b>Research Supervisor</b>	<b>Research Centre</b>	<b>Year of Award</b>
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

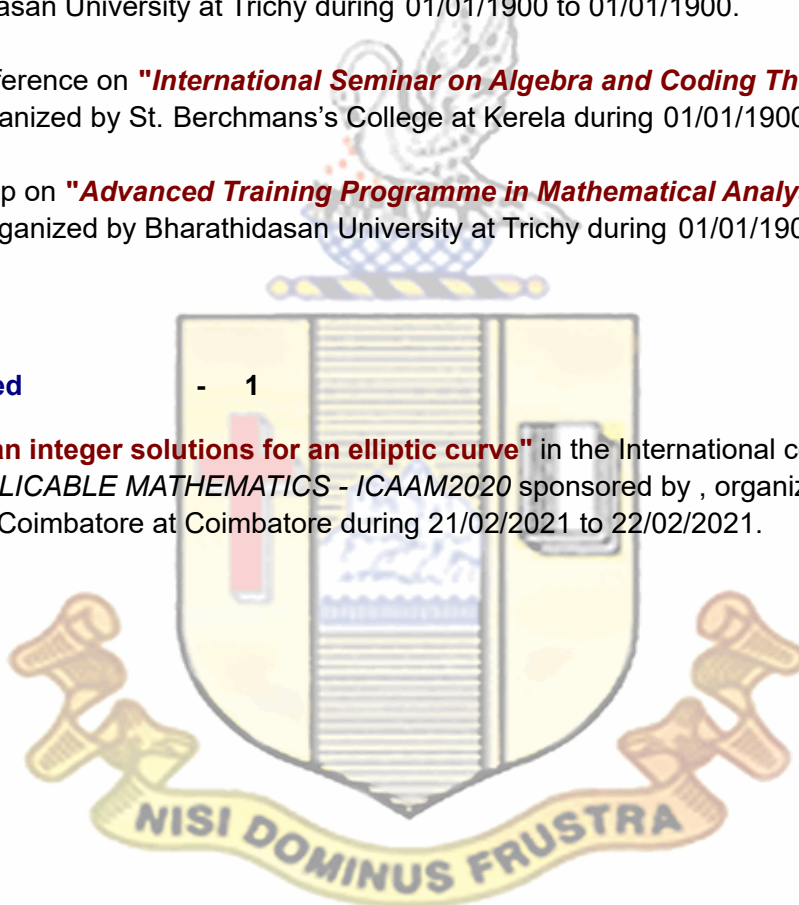
1.	Conferences / workshops / Seminars Attended	6
2.	Research Papers Presented	1
3.	Publication in Journals	5
4.	Publication in Books	0
5.	Books Published / Edited	1
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	2
11.	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)**