

RESUME

B. MOHAN

Address:

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DETAILS OF EDUCATIONAL QUALIFICATION:

- ✓ **Doctor of Philosophy in Mathematics (Ph.D.)** **2014-2019**
Area : Difference Equations
Sacred Heart College (Autonomous), Tirupattur (TK & DT), Tamil Nadu.
- ✓ **Master of Philosophy in Mathematics (M.Phil.)** **2013-2014**
Area : System Reliability (Stochastic)
Sacred Heart College (Autonomous), Tirupattur (TK & DT), Tamil Nadu.
- ✓ **Master of Science in Mathematics (M.Sc.)** **2011-2013**
Islamiah College (Autonomous), Vaniyambadi, Tirupattur (TK & DT), Tamil Nadu.
- ✓ **Bachelor of Science in Mathematics (B.Sc.)** **2008-2011**
Sacred Heart College (Autonomous), Tirupattur (TK & DT), Tamil Nadu.

PROJECTS TITLE:

- ❖ **Master of Philosophy** : (A STUDY ON SYSTEM RELIABILITY THEORY)
- ❖ **Doctor of Philosophy** : (HIGHER ORDER GENERALIZED FIBONACCI SEQUENCE WITH APPLICATIONS)

TEACHING EXPERIENCES

So. No	College	From	To	Year
1	Sri Vijay Vidyalaya College of Arts & Science, Kandhikuppam, Bargur, Krishnagiri	16/09/2021	01/02/2022	4-1/2 Months
2	Gonzaga College of Arts and Science for Women, Kathampallam, Elathagiri, Krishnagiri, Tamil Nadu 635108	15/06/2022	15/06/2024	2 years

PERSONAL SKILLS:

- Good grazing ability and analytical potential.
- Swift in adopting to view ideas, Technology and Environment.
- Good in communicate skills.

AREA OF INTEREST IN RESEARCH:

- Difference and Differential Equations, Numerical Analysis.
- Technical Skills
 - i. LaTeX (TeXnic Center, TeX Studio, TeXMaker, TeXWorks, WinEdt, etc.)
 - ii. MATLAB
 - iii. Mathematica
 - iv. Python.

SOFT SKILL:

- Operating Systems(OS)
- Software and Hardware
- Photoshop, Corel Draw, N/W, HTML
- Basic Computer Knowledge's.

INVITED TALKS / CONFERENCE ORGANIZING COMMITTEE:

1. MATLAB for Beginners is held on March 2nd 2019, Department of Mathematics Organized by Sri Subramaniaswamy Government Arts and Science College, Tiruttani – 631 209.
2. MATLAB (NASAW-2019) is held on September 12th 2019, Department of Science and Technologies Organized by Thirumurugan Arts Science College for Women, Thiruvallur – 631 203.
3. National Conference on Discrete Mathematics and Its Application (NCDMA – 2018) (**Organizing Committee Member**).

RESEARCH PROFILE:

Papers Presented in International Conference	:	5
Papers Presented in National Conference	:	3
Papers Presented in State Level Conference	:	1
International Conference Participated	:	1
National Conference Participated	:	1
Workshop / Seminar	:	6

PAPER PUBLICATIONS:

1. G.Britto Antony Xavier and **B.Mohan**, Fibonacci Series with Several Parameters, International Conference on Differential & Difference equations and Applications, 230 (2017), 617 - 626. (**Springer**)
2. T.G.Gerly, G.Dominic Babu and **B.Mohan**, Sum of Finite and Infinite Series Derived by Generalized Mixed Difference Equation, Journal of Computational Mathematica, ISSN: 2456-8686, Vol. 1 (2) (2017), 19 - 29.
3. G.Britto Antony Xavier, **B.Mohan**, T.G.Gerly and R.Suganya Infinite Fibonacci Series Arising from Generalized Second Order q – Difference Equations, International Journal of Engineering & Technology, 7 (4) (2018), 702 - 705. (**Scopus**)
4. G.Britto Antony Xavier, **B.Mohan** and S.Jaraldpushparaj Partial Fibonacci q -Difference Equation for Heat Flows, The Online International Interdisciplinary Research Journal, 08 (02) (2018), 1 - 12. (UGC)
5. M.Prabavathi, T.G.Gerly and **B.Mohan**, Fibonacci Sequence Generated from Three-Dimensional q -Difference Equation, Journal of Computational Mathematica, ISSN: 2456-8686, Vol. 2 (1) (2018), 64 - 74.
6. G.Britto Antony Xavier, **B.Mohan** and K.Vignesh, Second Order Fibonacci Summation Formula with Exterior Functions, International Journal of Research and Analytical Reviews, 6(2), May 2019. (UGC)
7. Sandra Pinela, **B.Mohan** and K.Vignesh, Higher Order Fibonacci Summation Formula with Exterior Functions, Journal of Computational Mathematica, ISSN: 2456-8686, Vol. 3(1) (2018), 62 - 74.
8. G.Britto Antony Xavier and **B.Mohan**, x -Fibonacci Sequence and Its Sum by Solution of Third Order Difference Equations, Global Journal of Pure and Applied Mathematics, ISSN 0973-1768, Vol. 12(3), 2016, 671-674. (UGC)
9. G.Britto Antony Xavier, S.U.V.Kumar and **B.Mohan**, Sum of Two Dimensional Fibonacci Sequence by Solutions of Second Order Difference Equations, Scientific Publications of the State University of Novi Pazar, Series A: Applied Mathematics, Informatics and mechanics , Vol. 12(2), 2016, 131-138. (Referred Journal)
10. G.Britto Antony Xavier and **B.Mohan**, Generalized Fibonacci Sequence with Polynomial Co-efficients, Vidhya Sagar Women's College, Internal Conference on NANO – A New world of Science organized by School of Science, 344-350 (Proceedings)

PERSONAL PROFILE:

Name : B. Mohan
Date of Birth : 11-11-1990
Father Name : R. Balaraman
Mother Name : B. Devagi
Gender : Male
Married Status : Unmarried
Languages Known : Tamil, English & Telugu
Nationality : Indian
Community : BC (Kavarai Naidu)
Religion : Hindu
Mother Tongue : Tamil

REFERENCES:

Dr.G.Britto Antony Xavier M.Sc., M.Phil., Ph.D

Associate Professor in Mathematics,
Sacred Heart College (Autonomous),
Tirupattur District – 635 601, Tamil Nadu

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Dr.M.Gunasekaran M.Sc., MCA., M.Phil., Ph.D

Assistant Professor in Mathematics (Senior Grade),
Sri Subramaniaswamy Government Arts and
Science College,
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Dr.V.Balaji B.Ed., M.Sc., M.Phil., Ph.D

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**Dr.S.M. Krishnan M.Com., M.Phil., M.Ed.,
M.B.A., DCA., D.T.S., Ph.D**

Associate Professor & Head,
Research Guide & Supervisor,
Department of Commerce,
Government Arts College for Men,
Krishnagiri District – 635001, Tamil Nadu

Cell : 9443329652

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DECLARATION:

I hereby declare that all the information given above is true to the best of my knowledge and belief

Place : Krishnagiri

Date : 15-06-2024

Your's Sincerely



(B. MOHAN)