# **Dr.VENKATESH B**

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## Ph.D. Details

Title of Thesis	Area of Spe	cialization		
A CONTRIBUTION TO THE STUDY ON RETR UNRELIABLE, AND VACATION QUEUES IN S AND MULTION OUT IN STREAM AND MULTION OF THE STUDY ON RETR AND AND AND AND AND AND AND AND AND AND	SINGLE	Stochastic Process, Queueing Theory, Fuzzy Logic Year of Award		gic
		hill		
Cleared NET / SET : SET	Details 28128432		Year of Passing September 201	
Additional Qualification				Duration
Name of Course NPTEL - Introduction to Abstract and Linear Algebra	Place of Study IIT Kharagpur (ONLINE CERTIFICATE COURSE)		Date OCTOBER 2018	Duration 8 WEEKS
Teaching / Research ExperienceU.G. : 14 YEARP.G. : 4 YEARS	M.Phil.	Ph	.D.	
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IT Support, BHC.

## **Table of Contents**

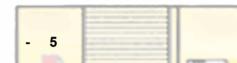
1.	Conferences / workshops / Seminars Attended	
2.	Research Papers Presented	5
3.	Publication in Journals	
4.	Publication in Books	
5.	Books Published / Edited	
6.	Conferences / Workshops / Seminars Organised	
7.	Research Projects	1
8.	Resource Person	1
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent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

## CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

6

- College level Workshop on "MATHEMATICS IN MACHINE LEARNING" sponsored by BISHOP HEBER COLLEGE organized by DEPARTMENT OF MATHEMATICS at BHC, TRICHY during 19/03/2021 to 20/03/2021.
- College level Seminar on "Webinar On Research Methodology and Thesis Writing" sponsored by BISHOP HEBER COLLEGE organized by DEPARTMENT OF MATHEMATICS, BHC at ONINE during 20/02/2021 to 21/02/2021.
- College level Workshop on "Fascinating world of Primes" sponsored by BISHOP HEBER COLLEGE organized by DEPARTMENT OF MATHEMATICS, BHC at BHC, TRICHY during 22/12/2020 to 22/12/2020.
- College level Workshop on "*Emotional Intelligence for Teachers*" sponsored by UGC organized by DEPARTMENT OF MATHEMATICS, BHC at BHC, TRICHY during 25/01/2019 to 25/01/2019.
- State level Seminar on "ONE DAY STATE LEVEL SEMINAR ON NET/ SET PREPARATION" sponsored by G.T.N ARTS COLLEGE organized by G.T.N ARTS COLLEGE at DINDIGUL during 19/09/2018 to 01/01/1900.
- College level Workshop on "10 ATTRIBUTES OF HIGH IMPACT TEACHERS" sponsored by SARANATHAN COLLEGE OF ENGINEERING organized by SARANATHAN COLLEGE OF ENGINEERING at TIRUCHORAPPALLI during 01/01/1900 to 14/07/2018.

#### **Research Papers Presented**



- "Evaluation of Performance Measures of M M C Queue with Synchronous Vacations for some servers using Pentgonal Fuzzy Number" in the International conference on Heber International Conference on Applied Mathematics sponsored by Bishop Heber College, organized by PG and Research Department of Mathematics at Bishop Heber College Trichy during 26/04/2021 to 26/04/2021.
- "FM/FM/c Queue with Synchronous vacations of some servers" in the International conference on ", International conference on Trends and Innovations in Chemical and Pharmaceutical Technologies sponsored by, organized by Anna University, BIT campus, at Tiruchirappalli, during 02/04/2017 to 04/04/2017.
- "Retrial Queue with non-preemptive Priority under DSW Algorithm" in the International conference on International Conference on Mathematical Computer Engineering sponsored by , organized by VIT University, at Chennai during 16/12/2016 to 17/12/2016.
- 4. "Multi- server fuzzy queueing model using DSW algorithm." in the International conference on International Conference on advances in computing, Control, Communication Engineering sponsored by, organized by AI-Ameen Engineering College at Erode, Tamil Nadu during 10/04/2015 to 11/04/2015.
- "A Simple Study on FM/FM/1 Fuzzy Queue" in the National conference on National Seminar on Recent Developments in Topology sponsored by, organized by Sri Sarada College for Women at Salem during 11/02/2015 to 12/02/2015.

### Publication in Journals -

- "Evaluation Of Performance Measures Of M/M/C Queue With Synchronous Vacation For Some Servers Using Pentagonal Fuzzy Number" published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, June 2021 ISSN : 2008 8019. Impact factor, Scopus Index web of science, h - index, Citation index
- "Fuzzy Retrial Queues with Priority using DSW Algorithm" published in International journal of computational Engineering Research, (PEER REVIEW) Vol. 6, Issue No. 9, September 2016 ISSN :
- "An M/G/1 Retrial Queue with Unreliable server under Fuzzy Environment" published in ", International journal for Research in Mathematics and Mathematical Sciences, (PEER REVIEW) Vol. 2, Issue No. 4, April 2016 ISSN : ---.
- "M/M/c Queue with Single Vacation and (e,d)-Policy under Fuzzy Environment" published in International Journal of Innovations in Engineering and Technology, (PEER REVIEW) Vol. 7, Issue No. 3, January 2016 ISSN : ---.
- 5. "An M/M/1 Retrial Queue with Unreliable Server under Fuzzy Environment" published in Int Jr. of Mathemalint Jr. of Mathematical Sciences & Applications (PEER REVIEW) Vol. 6, Issue No. 1, January 2016 ISSN : 2230-9888.
- 6. "Multi- server fuzzy queueing model using DSW algorithm" published in Global Journal of Pure and Applied Mathematics (PEER REVIEW) Vol. 11, Issue No. 1, January 2015 ISSN : ---.

#### **RESEARCH PROJECTS**

 Minor project entitled "Evaluation of Performance Measures of M M C Queue With Synchronous Vacation under Fuzzy Environment" (*PRINCIPAL INVESTIGATOR*), Sponsored by Bishop Heber College, during 23/12/2020 to 7/31/2021 [Completed].

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#### TRAINING PROGRAMME

# COLLEGE level Capacity Building Programme on "A Road Map to Whole Person Education" Sponsored by Bishop Heber College, Organized by IQAC, BISHOP HEBER COLLEG at BHC, TRICHY during 13/10/2020 - 16/10/2020.

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# COLLEGE level Capacity Building Programme on "A Road Map to Whole Person Education" Sponsored by Bishop Heber College, Organized by IQAC, BISHOP HEBER COLLEG at BHC, TRICHY during 13/10/2020 - 16/10/2020.

#### RESOURCE PERSON

 College level Guest Lecture on "APPLICATIONS OF MATHEMATICS" at SRI GANESH COLLEGE OF ARTS&SCIENCE, SALEM, 20/07/2018.

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## Signature of Staff (VENKATESH B) Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

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