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Qualification

Degree	Branch	Institution / University	Year of Passing
Doctor of Philosophy	Mathematics	Bharathidasan University / Bishop Heber College	March 2020
M.Phil	Mathematics	Bharathidasan	April 2005
M.Sc	Mathematics	Bharathidasan	April 2003
B.Sc	Mathematics	Bharathidasan	April 2001

Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
Numerical Solutions for the First Order Fuzzy Differential Equations Using Runge-Kutta Methods with Different kinds of Means	Fuzzy Differential Equations	Dr. D. Paul Dhayabaran	Bishop Heber College, Trichy 17	March 2020

Cleared NET / SET :	Details	Year of Passing

Work Experience

Name of Institution	Address of Institution	Designation	From	To
J.J.College of Engineering and Technology	ammappettai, trichy-09	Assistant professor	15-09-2009	15-06-2014
Bishop Heber College	Tennur, Trichy-17	Assistant professor	16-06-2014	till date
shivani polytechnic college	Ammappettai, Trichy-09	Assistant professor	15-06-2005	14-09-2009

Teaching / Research Experience

U.G. : 15 P.G. : 8 M.Phil. Ph.D.

Research Guidance

U.G. : 10 P.G. : 24 M.Phil. : Ph.D. :

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6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	1
8.	Resource Person	0
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

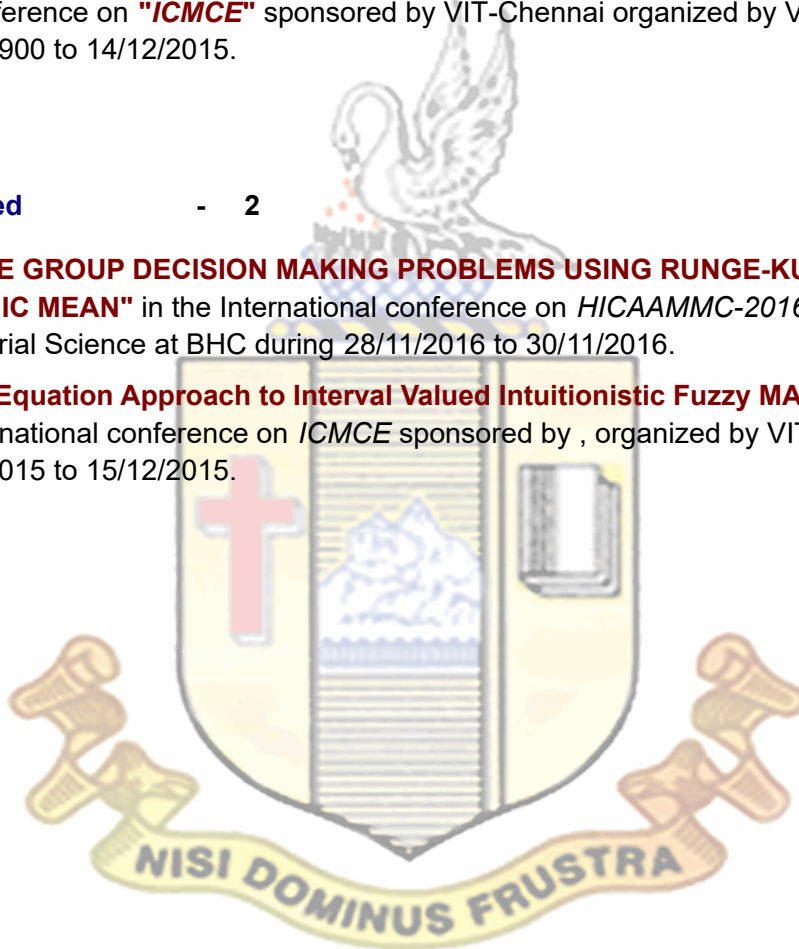
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1. International level Conference on **"HICAAMMC-2016"** sponsored by Actuarial Science department organized by Actuarial Science department at Bishop Heber College during 28/11/2016 to 30/11/2016.
2. -1 level Workshop on **"Curriculum Design and Evaluation Techniques"** sponsored by DBT organized by Bishop Heber College at Bishop Heber College during 21/11/2016 to 22/11/2016.
3. -1 level Workshop on **"Effectively Imparting Moral Values on Students"** sponsored by Religious Life Committee organized by Religious Life Committee at Bishop Heber College during 25/07/2016 to 01/01/1900.
4. International level Conference on **"ICMCE"** sponsored by VIT-Chennai organized by VIT-Chennai at Chennai during 01/01/1900 to 14/12/2015.

Research Papers Presented

- 2

1. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING RUNGE-KUTTA METHOD OF HARMONIC MEAN"** in the International conference on *HICAAMMC-2016* sponsored by , organized by Actuarial Science at BHC during 28/11/2016 to 30/11/2016.
2. **"A Fuzzy Differential Equation Approach to Interval Valued Intuitionistic Fuzzy MAGDM Problems"** in the International conference on *ICMCE* sponsored by , organized by VIT-Chennai at Chennai during 14/12/2015 to 15/12/2015.



1. **"SOLVING FUZZY DIFFERENTIAL EQUATIONS USING RUNGE-KUTTA FOURTH ORDER GILL METHOD"** published in INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY (SELECT) Vol. 5, Issue No. 1, January 1900 ISSN : 2277-9655.
2. **"A Method for Solving Fuzzy Differential Equations using fourth order Runge-kutta Embedded Heronian Means"** published in International Journal of Innovative Research in Science, Engineering and Technology (SELECT) Vol. 5, Issue No. 3, January 1900 ISSN : 2347-6710.
3. **"Solving Fuzzy Differential Equations using Runge-kutta second order method for two stages contra-harmonic mean"** published in International Journal of Engineering Science and Innovative Technology (IJESIT) (SELECT) Vol. 5, Issue No. 1, January 1900 ISSN : 2319-5967.
4. **"SOLVING FUZZY DIFFERENTIAL EQUATIONS USING RUNGE-KUTTA FOURTH ORDER GILL METHOD"** published in INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY (SELECT) Vol. 5, Issue No. 1, January 1900 ISSN : 2277-9655.
5. **"Solving Fuzzy Differential Equations using Runge-Kutta third order method with modified contra-harmonic mean weights"** published in International Journal of Engineering Research and General Science (SELECT) Vol. 4, Issue No. 1, January 1900 ISSN : 2091-273.
6. **"Solving Fuzzy Differential Equations Using Runge-Kutta Third Order Method for Three Stages Contra-Harmonic Mean"** published in International Journal of Innovative Research in Science, Engineering and Technology International Journal of Engineering Science and Innovative Technology (SELECT) Vol. 5, Issue No. 1, January 1900 ISSN : 2319-5967.
7. **"An Approach for solving Fuzzy Differential Equations using New fifth order Runge-Kutta method based on Heronian Mean"** published in International Journal of Advanced Scientific and Technical Research (SELECT) Vol. 1, Issue No. 6, January 1900 ISSN : 2249-9954.
8. **"A method for solving fuzzy Differential equations using Runge-kutta method with three quantities"** published in International Journal of Engineering Science and Innovative Technology (IJESIT) (SELECT) Vol. 4, Issue No. 3, January 1900 ISSN : 2319-5967.
9. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING RUNGE-KUTTA METHOD OF HARMONIC MEAN"** published in Aryabhatta Journal of Mathematics and Informatics [AJMI] (SELECT) Vol. 8, Issue No. 2, January 1900 ISSN : 2394-9309.

Books Published / Edited

- 1

- * Dr R Gethsi sharmila . ***DIFFERENTIAL EQUATIONS, LAPLACE TRANSFORMS AND FOURIER SERIES***. : New Century Book House Pvt Ltd , September 2020.

1. Minor project entitled **"FUZZY DIFFERENTIAL EQUATIONS"** (*PRINCIPAL INVESTIGATOR*), Sponsored by UGC, during 01/01/2015 to 1/23/2018 [Completed].



Signature of Staff
(J.CHIRSTY KINGSTON)