

## Mrs.P.EVANGELIN DIANA

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Department of Mathematics,  
Bishop Heber College,  
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### Qualification

Degree	Branch	Institution / University	Year of Passing
M.Phil.	Mathematics	Bharathidasan University	2006
M.Sc	Mathematics	Bharathidasan University	2005
B.Sc	Mathematics	Bharathidasan University	2003

### Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
NUMERICAL METHODS FOR HYBRID FUZZY DIFFERENTIAL EQUATIONS	Fuzzy Set Theory	Bishop Heber College	Pursuing
Research Supervisor Dr. R. Gethsi sharmila			

### Additional Qualification

Name of Course	Place of Study	Date	Duration
Advanced Diploma in Computer Applications	IFG-ACE	August/2001	6 months

## Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College, Vayalur Road,Puthur, Trichy-17	Lecturer	01.08.2006	21.11.2007
New Prince Shri Bhavani College of Engineering and Technology	New Prince Shri Bhavani College of Engineering and Technology, Chennai.	Lecturer	07.09.2009	31.05.2013
Womens Christian College	Womens Christian College,Chennai.	Part-Time Lecturer	02.09.2008	27.11.2008
Bishop Heber College	Bishop Heber College, Vayalur Road,Puthur, Trichy-17	Assistant Professor	18.06.2013	Till Date

## Teaching / Research Experience

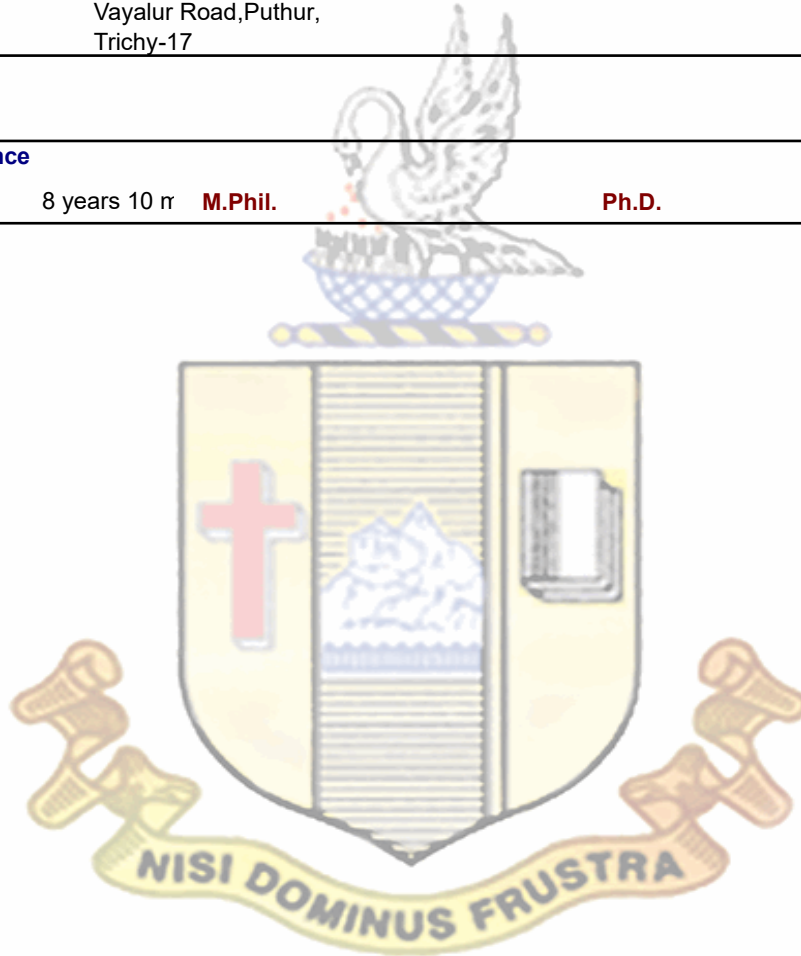
**U.G. :** 12 years

**P.G. :**

8 years 10 m

**M.Phil.**

**Ph.D.**



## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	<b>24</b>
2.	<b>Research Papers Presented</b>	<b>3</b>
3.	<b>Publication in Journals</b>	<b>3</b>
4.	<b>Publication in Books</b>	<b>0</b>
5.	<b>Books Published / Edited</b>	<b>0</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>0</b>
7.	<b>Research Projects</b>	<b>0</b>
8.	<b>Resource Person</b>	<b>0</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>0</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>0</b>
13.	<b>Professional Membership</b>	<b>0</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

1. International level Conference on **"Virtual Heber International Conference on Applied Mathematics(V HICAM 2020)"** sponsored by PG & Research Department of Mathematics, Bishop Heber College organized by PG & Research Department of Mathematics, Bishop Heber College at Trichy during 26/04/2021 to 26/04/2021.
2. International level Workshop on **"Science Through Inquiry & Research( STIR 21)"** sponsored by United Board for Christian Higher Education in Asia organized by Bishop Heber College at Trichy during 20/04/2021 to 17/05/2021.
3. College level Workshop on **"Mathematics in Machine Learning"** sponsored by PG & Research Department of Mathematics, Bishop Heber College organized by PG & Research Department of Mathematics, Bishop Heber College at Trichy during 19/03/2021 to 01/01/1900.
4. National level Seminar on **"Business Application of De"** sponsored by erministic & Stochastic Transportation Models organized by Department of Mathematics & Actuarial Sciences, Crescent Institute of Science and Technology. at Chennai during 08/08/2020 to 08/08/2020.
5. International level Seminar on **"Impact of Pandemic on Global Supply Chain?"** sponsored by PG & Research Department of Mathematics and Actuarial Science, Bishop Heber College. organized by PG & Research Department of Mathematics and Actuarial Science, Bishop Heber College. at Trichy during 10/06/2020 to 10/06/2020.
6. -1 level Seminar on **"Decision Making with the Application of Data Mining"** sponsored by Department of Mathematics, K. Ramakrishnan College of Technology. organized by Department of Mathematics, K. Ramakrishnan College of Technology. at Trichy during 05/06/2020 to 05/06/2020.
7. -1 level Seminar on **"Applications of Differential Equations"** sponsored by Department of Mathematics, Kongunadu Arts and Science College. organized by Department of Mathematics, Kongunadu Arts and Science College. at Coimbatore during 04/06/2020 to 04/06/2020.
8. State level Seminar on **"Distance in Graphs"** sponsored by Department of Mathematics,KPR Institute of Engineering and Technolohy. organized by Department of Mathematics,KPR Institute of Engineering and Technolohy. at Coimbatore during 03/06/2020 to 04/06/2020.
9. National level Seminar on **"Research Advances in Graph Theory"** sponsored by Department of Mathematics, Justice Basheer Ahmed Sayed College for Women organized by Department of Mathematics, Justice Basheer Ahmed Sayed College for Women at Chennai during 28/05/2020 to 28/05/2020.
10. College level Workshop on **"Management Development Program on Laddership"** sponsored by PG & Research Department of Management Studies, Bishop Heber College organized by PG & Research Department of Management Studies, Bishop Heber College at Trichy during 19/02/2020 to 19/02/2020.
11. College level Workshop on **"Two Day Student workshop-IGNITE 2019"** sponsored by DBT-STAR College Scheme organized by Bishop Heber College at Trichy during 24/06/2019 to 25/06/2019.
12. College level Workshop on **"Quality Teaching"** sponsored by UGC organized by PG and Research Department of Mathematics at Bishop Heber college during 28/01/2019 to 28/01/2019.
13. College level Workshop on **"Emotional Intelligence for Teachers"** sponsored by UGC organized by PG and Research Department of Mathematics at Bishop Heber College during 25/01/2019 to 25/01/2019.
14. International level Conference on **"International Conference on applied Mathematics and Bio-Inspired Computations"** sponsored by UGC organized by PG and Research Department of Mathematics at Bishop Heber College during 10/01/2019 to 11/01/2019.
15. College level Refresher on **"Faculty Development Programme"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 28/07/2018 to 28/07/2018.

16. College level Workshop on **"One Day Workshop on Examinations and Evaluation Reforms"** sponsored by IQAC organized by IQAC at Bishop Heber College during 10/03/2018 to 10/03/2018.
17. National level Conference on **"Recent Trends in Applied Mathematics"** sponsored by UGC organized by PG and Research Department of Mathematics at Bishop Heber College during 02/03/2018 to 03/03/2018.
18. College level Workshop on **"Faculty Empowerment Programme"** sponsored by IQAC organized by IQAC at Bishop Heber College during 14/06/2017 to 14/06/2017.
19. College level Workshop on **"Curriculum Design and Evaluation Techniques"** sponsored by DBT organized by Bishop Heber College at Trichy during 21/11/2016 to 22/11/2016.
20. College level Workshop on **"Faculty Enrichment Programme"** sponsored by IQAC organized by IQAC at Bishop Heber College during 18/02/2016 to 19/02/2016.
21. College level Workshop on **"Capacity Building Programme"** sponsored by Internal Quality Assurance Cell organized by Bishop Heber College at Bishop Heber College during 06/08/2015 to 01/01/1900.
22. College level Workshop on **"Faculty Development Programme- Training on MATLAB"** sponsored by UGC organized by Department of Mathematics, Bishop Heber College at Bishop Heber College during 25/11/2007 to 26/11/2007.
23. College level Workshop on **"Exam Reforms In Question Paper Setting"** sponsored by Bishop Heber College organized by Bishop Heber College at Bishop Heber College during 07/03/2007 to 08/03/2007.
24. National level Seminar on **"Modern Trends in Mathematics with Relevance to Other Disciplines"** sponsored by Bishop Heber College organized by Bishop Heber College at Bishop Heber College during 06/03/2006 to 07/03/2006.

#### Research Papers Presented

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1. **"A THIRD ORDER RUNGE-KUTTA METHOD BASED ON LINEAR COMBINATION OF ARITHMETIC MEAN, HARMONIC MEAN AND HERONIAN MEAN FOR HYBRID FUZZY DIFFERENTIAL EQUATION"** in the International conference on *International Conference on Application of Basic Sciences ICABS-2019* sponsored by , organized by Bishop Heber College at Trichy during 19/11/2019 to 21/11/2019.
2. **"MODIFIED THIRD ORDER RUNGE-KUTTA METHOD BASED ON HERONIAN MEAN FOR FUZZY INITIAL VALUE PROBLEMS AND HYBRID FUZZY INITIAL VALUE PROBLEMS"** in the International conference on *2nd Symposium on Information Technology and Applied Mathematics(SITAM)* sponsored by , organized by Shinas College of Technology at Sultanate of Oman during 06/11/2019 to 06/11/2019.
3. **"A THIRD ORDER RUNGE-KUTTA METHOD BASED ON LINEAR COMBINATION OF ARITHMETIC MEAN, HARMONIC MEAN AND GEOMETRIC MEAN FOR HYBRID FUZZY DIFFERENTIAL EQUATION"** in the International conference on *International Conference on Applied Mathematics and Bio-Inspired Computations* sponsored by UGC, organized by PG and Research Department of Mathematics at Bishop Heber College during 10/01/2019 to 11/01/2019.



1. **"A Third order Runge-Kutta method Based on Linear Combination of Arithmetic Mean, Harmonic Mean and Heronian Mean for Hybrid Fuzzy Differential Equation"** published in Compliance Engineering Journal (PEER REVIEW) Vol. 12, Issue No. 2, June 2021 ISSN : 0898-3577.  
Impact factor , Scopus Index yes, h - index , Citation index
2. **"Modified Third Order Runge-Kutta method Based on Heronian Mean for fuzzy Initial value Problems and Hybrid Initial value problems"** published in Journal of Xidian University (PEER REVIEW) Vol. 15, Issue No. 1, January 2021 ISSN : 1001-2400.  
Impact factor , Scopus Index yes, h - index , Citation index
3. **"A Third Order Runge-Kutta Method based on linear combination of Arithmetic Mean, Harmonic Mean and Geometric Mean for Hybrid Fuzzy Differential Equation"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. , January 2019 ISSN : 2321-9637.



**Signature of Staff**  
**(P.EVANGELIN DIANA)**