

Ms.B. ABINAYA

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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 | Madurai Kamaraj University | 2009 |
| M.Sc | Mathematics | Madurai Kamaraj University | 2008 |
| B.Sc | Mathematics | Madurai Kamaraj University | 2006 |
| ph.D | Mathematics | Bharathidasan | |

Ph.D. Details

| Title of Thesis | Area of Specialization | Research Supervisor | Research Centre | Year of Award |
|---|---------------------------|-------------------------|----------------------|---------------|
| Time cost trade-off problems using Interval-valued and Intuitionistic Interval-valued Fuzzy numbers | Fuzzy Operations research | Dr.E.C.Henry Amirtharaj | Bishop Heber College | Pursuing |

Additional Qualification

| Name of Course | Place of Study | Date | Duration |
|-----------------------------|-----------------------------|------------|----------|
| Certificate Course in LaTeX | Madurai Kamaraj University | June 2009 | 1 year |
| Personality Development | E.M.G Yadava Womens College | 03/03/2006 | 6 months |

Work Experience

| Name of Institution | Address of Institution | Designation | From | To |
|---|--|---------------------|------------|------------|
| Theivanai Ammal College for Women | Trichy-Chennai Trunk Road, Villupuram. | ASST.PROFESSOR | 29.07.2009 | 22.04.2013 |
| Bishop Heber College | Puthur, Trichy. | ASST.PROFESSOR | 18.06.2013 | Till date |
| Theivanai Ammal College for Women Bishop Heber College | Villupuram | Assistant Professor | 29/07/2009 | 22/04/2013 |

Table of Contents

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|-----|---|--------------|
| 1. | Conferences / workshops / Seminars Attended | 19 |
| 2. | Research Papers Presented | 2 |
| 3. | Publication in Journals | 0 |
| 4. | Publication in Books | 0 |
| 5. | Books Published / Edited | 0 |
| 6. | Conferences / Workshops / Seminars Organised | 0 |
| 7. | Research Projects | 0 |
| 8. | Resource Person | 2 |
| 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 |

1. College level Workshop on **"FDP on Mathematics in Machine Learning"** sponsored by Bishop Heber College organized by Bishop Heber College at Bishop Heber College during 19/03/2021 to 13/03/2021.
2. International level Conference on **"Virtual Heber International Conference on Applied Mathematics"** sponsored by Bishop Heber College organized by Bishop Heber College at Bishop Heber College during 07/11/2020 to 07/11/2020.
3. National level Seminar on **"CSIR NET Mathematics-Linear Algebra-Diagonalization"** sponsored by Sengunthar Arts and Science College organized by Sengunthar Arts and Science College at Online during 15/07/2020 to 15/07/2020.
4. International level Seminar on **"Impact of Pandemic on Global Supply Chain"** sponsored by Bishop Heber College organized by Bishop Heber College at Online during 10/06/2020 to 10/06/2020.
5. National level Workshop on **"FDp on online Teaching and E-content"** sponsored by IIDE organized by IIDE at Online during 03/06/2020 to 04/06/2020.
6. College level Seminar on **"CSIR NET/SET Examination in Mathematical Sciences"** sponsored by Urumu Dhanalakshmi College organized by Urumu Dhanalakshmi College at Online during 27/05/2020 to 27/05/2020.
7. College level Workshop on **"Examination and Evaluation Reforms"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 10/03/2018 to 10/03/2018.
8. College level Workshop on **"Advanced Mathematics"** sponsored by DBT organized by PG Mathematics Department at Bishop Heber College during 07/03/2017 to 08/03/2017.
9. College level Workshop on **"Curriculum design and Evaluation Techniques"** sponsored by DBT organized by IQAC at Bishop Heber College during 22/11/2016 to 22/11/2016.
10. College level Refresher on **"Faculty enrichment programme"** sponsored by IQAC organized by IQAC at Bishop Heber College during 18/02/2016 to 19/02/2016.
11. College level Workshop on **"Workshop on R Programming"** sponsored by DST-FIST organized by IQAC at Bishop Heber College during 04/02/2016 to 04/02/2016.
12. National level Conference on **"National Conference on Fuzzy Optimization and Graph Theory with applications"** sponsored by MEPCO SCHLENK Engineering College organized by MEPCO SCHLENK Engineering College at Sivakasi during 23/02/2012 to 24/02/2012.
13. College level Workshop on **"Technology Enhanced Learning and Evaluation"** sponsored by National Testing Service India organized by Theivanai Ammal College for Women at Villupuram during 27/01/2012 to 28/01/2012.
14. College level Workshop on **"Workshop on testing and evaluation"** sponsored by National Testing Service India organized by Theivanai Ammal College for Women at Villupuram during 20/11/2010 to 20/11/2010.
15. College level Orientation on **"Preparing Young Teachers for Autonomy"** sponsored by Theivanai Ammal College for Women organized by Theivanai Ammal College for Women at Villupuram during 09/06/2010 to 14/06/2010.
16. College level Seminar on **"Professional Competency building for college teachers"** sponsored by Theivanai ammal college for women organized by Theivanai ammal college for women at Villupuram during 30/11/2009 to 30/11/2009.
17. University level Workshop on **"Science writing for the radio serial in tamil"** sponsored by Vigyan Prasar Department of Science and Technology New Delhi organized by Madurai Kamaraj University at Madurai during 29/01/2009 to 29/01/2009.

18. International level Conference on **"recent trends in applied stochastic methods"** sponsored by DST FIST organized by School of Mathematics Madurai Kamaraj University at Madurai during 16/12/2008 to 18/12/2008.
19. State level Workshop on **"the state level workshop on employability"** sponsored by RIPE institute private limited organized by SFR college for women at sivakasi during 24/01/2007 to 24/01/2007.

Research Papers Presented

- 2

1. **"An Approach to Solve Fuzzy Time Cost Trade-Off Problems Using Pentagonal 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 Bishop Heber College at Bishop Heber College during 26/04/2021 to 26/04/2021.
2. **"AN APPROACH TO SOLVE FUZZY TIME COST TRADE OFF PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND BIO INSPIRED COMPUTING* sponsored by DST-FIST, organized by PG DEPARTMENT OF MATHEMATICS at BISHOP HEBER COLLEGE during 10/01/2019 to 11/01/2019.

RESOURCE PERSON

- 2

1. College level Invited Lectures on **"Fractal Theory and its Application"** at S.Vellaichamy Nadar College Madurai., 25/07/2016.
- 2.



Signature of Staff

(B. ABINAYA)