

Dr.P.JOHN ROBINSON

Assistant Professor,
Department of Mathematics,
Bishop Heber College,
Tiruchirappalli - 17.

E-mail : johnrobinson.ma@bhc.edu.in

Phone : 9942732007

Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Mathematics	Bharathidasan	Nov 2013
M.Phil	Mathematics	Madras University	August 2006
M.Sc	Mathematics	Madras University	April 2004
B.Sc	Mathematics	Madras University	April 2002

Ph.D. Details

Title of Thesis	Area of Specialization	Research Centre	Year of Award
STRATEGIES OF INTUITIONISTIC FUZZY CORRELATION IN SOLVING MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS	Fuzzy Mathematics	Bishop Heber College	November 2013
Research Supervisor			
Dr. E. C. Henry Amirtharaj			

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College, Tiruchirappalli, 620017, Tamilnadu	Assistant Professor	November 2008	till date
SRV Matric Hr School	Samayapuram	PG Assistant	02-06-2006	23-11-2008

Teaching / Research Experience

U.G. : 8 years P.G. : 8 years M.Phil. 4 years Ph.D. 1 year

Research Guidance

U.G. : 8 P.G. : 36 M.Phil. : 5 Ph.D. : 7(ongoing)

Table of Contents

1.	Conferences / workshops / Seminars Attended	24
2.	Research Papers Presented	55
3.	Publication in Journals	55
4.	Publication in Books	6
5.	Books Published / Edited	4
6.	Conferences / Workshops / Seminars Organised	2
7.	Research Projects	2
8.	Resource Person	15
9.	Consultancy	0
10.	Awards Recieved	2
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	6 / 8

1. National level Workshop on **"Benchmarking the Best Practices in Teaching & Learning in Higher Education"** sponsored by NAAC organized by Bishop Heber College at Trichy during 14/02/2019 to 15/02/2019.
2. International level Conference on **"International Conference on Applied Mathematics and Bio-inspired Computations"** sponsored by CSIR organized by PG & Research Department of Mathematics, Bishop Heber College at Bishop Heber College, Trichy during 10/01/2019 to 11/01/2019.
3. International level Conference on **"International conference on Mathematical Computer Engineering"** sponsored by VIT, Chennai organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai at VIT, Chennai during 23/11/2018 to 24/11/2018.
4. National level Conference on **"National Conference on Recent Trends in Pure and Applied Mathematics"** sponsored by J.J. College of Arts and Science organized by PG & Research Department of MATHematics, J.J. College of Arts and Science at Pudukkattai during 11/09/2018 to 12/09/2018.
5. National level Conference on **"National Level Conference on Recent Trends in Fuzzy Logic"** sponsored by Kongu College of Arts and Science organized by Dept. of Mathematics, Kongu College of Arts and Science at Kongu College of Arts and Science, Karur during 26/07/2018 to 26/07/2018.
6. College level Orientation on **"Faculty Development Programme"** sponsored by Bishop Heber College, Trichy organized by IQAC, Bishop Heber College at Trichy during 27/10/2015 to 27/10/2015.
7. National level Workshop on **"ICT Workshop on Empowering Teachers towards MOOC Contribution (e-teaching skills)"** sponsored by Govt. College of Education, Pudukkottai organized by Govt. College of Education, Pudukkottai at Pudukkottai during 12/02/2015 to 14/02/2015.
8. State level Workshop on **"Human Values Development Programme, HVDP"** sponsored by AIACHE, New Delhi organized by AIACHE at Kodaikanal during 04/08/2014 to 07/08/2014.
9. National level Workshop on **"National Students Assembly- "Inspiring the Youth for a New Generation""** sponsored by AIACHE, New Delhi organized by Bishop Heber College at Trichy during 28/12/2013 to 30/12/2013.
10. National level Seminar on **"Jubilee Reflections on Land, Environment, Human Rights and Justice"** sponsored by Indian School of Ecumenical Theology organized by Indian School of Ecumenical Theology at Bangalore during 14/08/2013 to 14/08/2013.
11. International level Workshop on **"Partnership in Higher Education: Opportunities & Challenges"** sponsored by Bishop Heber College, Trichy organized by IQAC, Bishop Heber College at Trichy during 28/02/2013 to 28/02/2013.
12. University level Workshop on **"Mission 10X-Enhancing Teaching Skills Workshop"** sponsored by WIPRO organized by Bishop Heber College & WIPRO at Bishop Heber college, Trichy during 21/11/2012 to 23/11/2012.
13. State level Workshop on **"Workshop for Young Lecturers of Christian Colleges in India towards Developing Foundational Leadership"** sponsored by AIACHE, New Delhi organized by Arul Anandar College, Madurai at Madurai during 01/06/2012 to 02/06/2012.
14. International level Workshop on **"International Workshop on Multiple Criteria Decision Making"** sponsored by Bishop Heber College, Trichy organized by Pg & Research Department of Mathematics, Bishop Heber College at Trichy during 09/04/2012 to 10/04/2012.
15. College level Orientation on **"Capacity building Programme"** sponsored by Bishop Heber College, Trichy organized by IQAC, Bishop Heber College at Trichy during 25/02/2012 to 25/02/2012.
16. National level Refresher on **"Faculty Development Programme"** sponsored by American University of India, Inc., & Bradley University, USA organized by AUI, Kodaikanal at Kodaikanal during 03/02/2012 to 03/02/2012.

17. State level Workshop on **"IT Finishing School Programme - 2011"** sponsored by TAHDCO organized by Bharathiar University at Coimbatore during 20/10/2011 to 23/10/2011.
18. College level Workshop on **"Examination Reforms and Evaluation"** sponsored by Bishop Heber College, Trichy organized by IQAC, Bishop Heber College at Trichy during 25/03/2011 to 26/03/2011.
19. Regional level Workshop on **"Stochastic Differential Equations"** sponsored by UGC organized by Pg & Research Department of Mathematics, Bishop Heber College at Trichy during 23/01/2009 to 24/01/2009.
20. International level Conference on **"4) MAGDM Problems for Interval Vague sets using a New TOPSIS method. Proceedings of Heber International Conference on Applied Mathematics and Statistics. 2012,"** sponsored by Bishop Heber College organized by Dept. of Mathematics, Bishop Heber college at Bishop Heber college, trichy during 01/01/1900 to 01/01/1900.
21. International level Conference on **"International Conference on Advanced Computing. 2009"** sponsored by UGC, Bharathidasan University organized by bharathidasan University, Cauvery college at Cauvery college, Trichy during 01/01/1900 to 01/01/1900.
22. International level Conference on **"International Conference of Mathematics and Computer Science. 2009"** sponsored by UGC organized by Department of Mathematics, Loyola college, chennai, Trichy at Loyola College, Chennai during 01/01/1900 to 01/01/1900.
23. International level Conference on **"Heber International Conference on Applied Mathematics and Statistics. 2012"** sponsored by Bishop Heber College organized by Dept. of Mathematics, Bishop Heber college at Bishop Heber college, trichy during 01/01/1900 to 01/01/1900.
24. International level Conference on **"International Conference on Emerging Trends in Mathematics and Computer Applications. 2010"** sponsored by UGC organized by MEPCO college, sivakasi at Sivakasi during 01/01/1900 to 01/01/1900.



1. **"INTERVAL VALUED INTUITIONISTIC FUZZY MAGDM PROBLEMS WITH APPLICATION OF MARKOV CHAINS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
2. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING MODIFIED ELER-CAUCHY METHOD"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
3. **"APPLICATION OF LPP AND INNER PRODUCT SPACE IN MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
4. **"APPLICATION OF HOUSE HOLDER AND INVERSE POWER METHODS OF NUMERICAL METHODS IN MAGDM PROBLEMS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
5. **"MAGDM PROBLEMS WITH CORRELATION COEFFICIENT OF INTUITIONISTIC FUZZY SETS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
6. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEM WITH INTUITIONISTIC FUZZY SET USING SINGULAR PERTURBATION PROBLEMS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
7. **"NUMERICAL SOLUTION OF SINGULARLY PERTURBED DIFFERENTIAL EQUATION OF REACTION-DIFFUSION TYPE IN MAGDM PROBLEMS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations* sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
8. **"MAGDM PROBLEMS BASED ON PARTIAL DIFFERENTIAL EQUATIONS USING SUMUDU TRANSFORM IN INTERVAL VALUED INTUITIONISTIC FUZZY SETS"** in the International conference on *International Conference on Applied Mathematics and Bio-inspired Computations*, sponsored by CSIR, organized by Dept. of Mathematics, Bishop Heber College at Trichy during 10/01/2019 to 11/01/2019.
9. **"INTERVAL-VALUED INTUITIONISTIC FUZZY MAGDM PROBLEMS FOR SINGULARLY PERTURBED DELAY DIFFERENTIAL EQUATIONS OF REACTION-DIFFUSION TYPE"** in the International conference on *International conference on Mathematical Computer Engineering* sponsored by VIT Chennai, organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology at Chennai during 23/11/2018 to 24/11/2018.
10. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEM USING A SYSTEM OF SINGULARLY PERTURBED DIFFERENTIAL EQUATIONS"** in the International conference on *International Conference on Mathematical Computer Engineering* sponsored by VIT Chennai, organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology at Chennai during 23/11/2018 to 24/11/2018.
11. **"APPLICATION OF MAGDM PROBLEM USING SUMUDU TRANSFORM METHOD IN INTERVAL VALUED INTUITIONISTIC TRAPEZOIDAL FUZZY SETS"** in the International conference on *International Conference on Mathematical Computer Engineering* sponsored by VIT Chennai, organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology at Chennai during 23/11/2018 to 24/11/2018.

12. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING DOUBLE SUMUDU TRANSFORM METHOD"** in the National conference on *National Conference on Recent Trends in Pure and Applied Mathematics* sponsored by J.J. College of Arts and Science, organized by Dept. of Mathematics, J.J. College of Arts and Science at Pudukkottai during 11/09/2018 to 12/09/2018.
13. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS WITH LPP AND INNER PRODUCT SPACE"** in the National conference on *National Conference on Recent Trends in Pure and Applied Mathematics* sponsored by J.J. College of Arts and Science, organized by Dept. of Mathematics, J.J. College of Arts and Science at Pudukkottai during 11/09/2018 to 12/09/2018.
14. **"APPLICATION OF HOUSE HOLDER AND INVERSE POWER METHODS IN MAGDM PROBLEMS"** in the National conference on *National Conference on Recent Trends in Pure and Applied Mathematic* sponsored by J.J. College of Arts and Science, organized by Dept. of Mathematics, J.J. College of Arts and Science at Pudukkottai during 11/09/2018 to 12/09/2018.
15. **"MAGDM PROBLEMS FOR SINGULARLY PERTURBED VOLTERRA INTEGRAL DIFFERENTIAL EQUATION WITH INTUITIONISTIC FUZZY SETS"** in the National conference on *National Conference on Recent Trends in Pure and Applied Mathematic* sponsored by J.J. College of Arts and Science, organized by Dept. of Mathematics, J.J. College of Arts and Science at Pudukkottai during 11/09/2018 to 12/09/2018.
16. **"MADM WITH PROJECTION METHOD FOR INTUITIONISTIC FUZZY SETS"** in the National conference on *National Level Conference on Recent Trends in Fuzzy Logic* sponsored by Kongu College of Arts and Science, organized by Dept. of Mathematics, Kongu College of Arts and Science at Karur during 26/07/2018 to 26/07/2018.
17. **"INTUITIONISTIC FUZZY MAGDM PROBLEMS FOR SINGULARLY PERTURBED VOLTERRA INTEGRO DIFFERENTIAL EQUATIONS"** in the National conference on *National Level Conference on Recent Trends in Fuzzy Logic* sponsored by Kongu College of Arts and Science, organized by Dept. of Mathematics, Kongu College of Arts and Science at Karur during 26/07/2018 to 26/07/2018.
18. **"APPLICATION OF DOUBLE SUMUDU TRANSFORM IN MAGDM PROBLEMS"** in the National conference on *ational Level Conference on Recent Trends in Fuzzy Logic* sponsored by Kongu College of Arts and Science, organized by Dept. of Mathematics, Kongu College of Arts and Science at Karur during 26/07/2018 to 26/07/2018.
19. **"SOLVING INTERVAL VALUED INTUITIONISTIC FUZZY MAGDM PROBLEMS WITH MARKOV CHAINS"** in the National conference on *National Level Conference on Recent Trends in Fuzzy Logic* sponsored by Kongu College of Arts and Science, organized by Dept. of Mathematics, Kongu College of Arts and Science at Karur during 26/07/2018 to 01/01/1900.
20. **"APPLICATION OF INNER PRODUCT SPACE IN MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS"** in the National conference on *National Level Conference on Recent Trends in Fuzzy Logic* sponsored by Kongu College of Arts and Science, organized by Dept. of Mathematics, Kongu College of Arts and Science at Karur during 26/07/2018 to 26/07/2018.
21. **"APPLICATION OF INTEGRO DIFFERENTIAL EQUATIONS USING SUMUDU TRANSFORM IN INTUITIONISTIC TRAPEZOIDAL FUZZY MAGDM PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON ADVANCES IN MATHEMATICAL SCIENCES* sponsored by CSIR, organized by DEPARTMENT OF MATHEMATICS, SCHOOL OF ADVANCE SCIENCES, VIT UNIVERSITY, VELLORE at VELLORE during 01/12/2017 to 03/12/2017.
22. **"NUMERICAL SOLUTION TO SINGULARLY PERTURBED DIFFERENTIAL EQUATION OF REACTION DIFFUSION TYPE IN MAGDM PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON ADVANCES IN MATHEMATICAL SCIENCES* sponsored by CSIR, organized by DEPARTMENT OF MATHEMATICS, SCHOOL OF ADVANCE SCIENCES, VIT UNIVERSITY, VELLORE at VELLORE during 01/12/2017 to 03/12/2017.
23. **"APPLICATION OF VOLTERRA INTEGRAL EQUATIONS USING SUMUDU TRANSFORM IN MAGDM PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL AND COMPUTER ENGINEERING* sponsored by , organized by MATHEMATICS DIVISION, SCHOOL OF ADVANCED STUDIES, VIT UNIVERSITY, CHENNAI at CHENNAI during 03/11/2017 to 04/11/2017.

24. **"APPLICATION OF SINGULARLY PERTURBED DIFFERENTIAL EQUATIONS OF CONVECTION DIFFUSION TYPE IN MAGDM PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL AND COMPUTER ENGINEERING* sponsored by , organized by MATHEMATICS DIVISION, SCHOOL OF ADVANCED STUDIES, VIT UNIVERSITY, CHENNAI at CHENNAI during 03/11/2017 to 04/11/2017.
25. **"METHODS FOR SOLVING MAGDM PROBLEMS USING SINGULARLY PERTURBED DIFFERENTIAL EQUATIONS OF REACTION DIFFUSION TYPE"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL AND COMPUTER ENGINEERING* sponsored by , organized by MATHEMATICS DIVISION, SCHOOL OF ADVANCED STUDIES, VIT UNIVERSITY, CHENNAI at CHENNAI during 03/11/2017 to 04/11/2017.
26. **"APPLICATIONS OF SOME NUMERICAL METHODS IN MAGDM PROBLEM"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL AND COMPUTER ENGINEERING* sponsored by , organized by MATHEMATICS DIVISION, SCHOOL OF ADVANCED STUDIES, VIT UNIVERSITY, CHENNAI at CHENNAI during 03/11/2017 to 04/11/2017.
27. **"MAGDM PROBLEMS WITH SUMUDU TRANSFORM FOR INTERVAL VALUED INTUITIONISTIC TRIANGULAR FUZZY SETS"** in the International conference on *INTERNATIONAL CONFERENCE ON POWER, CONTROL, SIGNALS AND INSTRUMENTATION ENGINEERING* sponsored by IEEE, organized by SAVEETHA ENGINEERING COLLEGE at CHENNAI during 21/09/2017 to 22/09/2017.
28. **"APPLICATION OF RUNGE KUTTA MERSON METHOD IN MAGDM PROBLEM"** in the State conference on *RECENT TRENDS IN APPLIED MATHEMATICS* sponsored by , organized by VHN SENTHIKUMARA NADAR COLLEGE, VIRUDHUNAGAR at VIRUDHUNAGAR during 30/08/2017 to 30/08/2017.
29. **"APPLICATION OF SUMUDU TRANSFORM INTUITIONISTIC TRIANGULAR FUZZY MAGDM PROBLEMS"** in the State conference on *RECENT TRENDS IN APPLIED MATHEMATICS* sponsored by , organized by VHN SENTHIKUMARA NADAR COLLEGE, VIRUDHUNAGAR at VIRUDHUNAGAR during 30/08/2017 to 30/08/2017.
30. **"APPLICATION OF JACOBIAN AND SOR INTEGRATION PROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICS* sponsored by , organized by DEPARTMENT OF MATHEMATICS, PROVIDENCE COLLEGE FOR WOMEN, COONOR at COONOR during 04/08/2017 to 05/08/2017.
31. **"Efficient Intuitionistic Fuzzy Decision Making Problems with Sumudu transform"** in the National conference on *National Conference on Emerging Trends in Mathematics Education* sponsored by NBHM, organized by Maris Stella College at Vijayawada, Andra pradesh during 17/02/2017 to 01/01/1900.
32. **"MAGDM PROBLEMS WITH SUMUDU TRANSFORM IN INTUITIONISTIC FUZZY SETS"** in the National conference on *NATIONAL LEVEL SEMINAR ON FUZZY MODELLING AND ITS APPLICATION* sponsored by UGC, organized by Theivanai Ammal College, Villupuram at Villupuram during 06/01/2017 to 06/01/2017.
33. **"APPLICATION OF SUMUDU TRANSFORM IN INTUITIONISTIC FUZZY MAGDM PROBLEMS"** in the International conference on *International Conference on Mathematical Computer Engineering* sponsored by UGC, organized by VIT Chennai at Chennai during 16/12/2016 to 17/12/2016.
34. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING RUNGE-KUTTA METHOD OF HARMONIC MEAN"** in the International conference on *HICAAMMC conference 2016* sponsored by , organized by Actuarial Science Department at Bishop Heber College, Trichy during 28/11/2016 to 30/11/2016.
35. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING WITH TRIANGULAR FUZZY NUMBER INTUITIONISTIC FUZZY AGGREGATION OPERATORS"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING AND APPLIED SOFT COMPUTING* sponsored by CSIR, IEEE, organized by COIMBATORE INSTITUTE OF TECHNOLOGY at COIMBATORE during 11/07/2012 to 13/07/2012.

36. **"A SEARCH FOR THE CORRELATION COEFFICIENT OF TRIANGULAR AND TRAPEZOIDAL INTUITIONISTIC FUZZY SETS FOR MULTIPLE ATTRIBUTE GROUP DECISION MAKING"** in the International conference on *INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTATION* sponsored by CSIR, organized by DEPARTMENT OF MATHEMATICS, GANDHIGRAM RURAL INSTITUTE- DEEMED UNIVERSITY, GANDHIGRAM at GANDHIGRAM during 16/03/2012 to 18/03/2012.
37. **"A Novel Method of Mining Fuzzy Association using Fuzzy Correlation Measures – A Study"** in the International conference on *International Conference on Advanced Computing. 2009* sponsored by UGC, organized by Bharathidasan University & Cauvery college at Cauvery college, Trichy during 01/01/1900 to 01/01/1900.
38. **"MAGDM Problems for Interval Vague sets using a New TOPSIS method. 2012"** in the International conference on *Heber International Conference on Applied Mathematics and Statistics* sponsored by Bishop Heber College, Trichy, organized by Department of Maths, Bishop Heber college, Trichy at Trichy during 01/01/1900 to 01/01/1900.
39. **"Multiple Attribute Group Decision Making with Triangle Fuzzy Number Intuitionistic Fuzzy Aggregation Operators"** in the International conference on *International Conference on Mathematical Modeling and Applied Soft Computing-2012* sponsored by UGC, organized by CIT, Coimbatore at Coimbatore during 01/01/1900 to 01/01/1900.
40. **"Cosine Similarity Measures for Generalized Trapezoidal Fuzzy Numbers in MCDM Problems"** in the International conference on *International Conference on Mathematical Modeling and Applied Soft Computing-2012* sponsored by UGC, organized by CIT, Coimbatore at Coimbatore during 01/01/1900 to 01/01/1900.
41. **"Interval Valued Intuitionistic Fuzzy MAGDM problems with OWA Entropy Weights"** in the International conference on *International Conference on Mathematical Computer Engineering, ICMCE-2013* sponsored by UGC, organized by VIT, Chennai at Chennai during 01/01/1900 to 01/01/1900.
42. **"An Analytic Approach for Interval Valued Intuitionistic Fuzzy MAGDM using Maximal Entropy OWA weights"** in the International conference on *International Conference on Applied Mathematical Models, ICAMM-2014* sponsored by UGC, organized by Sathyabama University at Chennai during 01/01/1900 to 01/01/1900.
43. **"Multi Attribute Decision Making Problems with the Application of Sensitivity Analysis and Entropy in VIKOR Method"** in the International conference on *International Conference on Mathematical Sciences, 2014* sponsored by UGC, organized by Sathyabama University at Chennai during 01/01/1900 to 01/01/1900.
44. **"A Fuzzy Differential Equation Approach to Interval Valued Intuitionistic Fuzzy MAGDM Problems"** in the International conference on *International Conference on Mathematical Computer Engineering, ICMCE-2015* sponsored by UGC, organized by VIT, Chennai at Chennai during 01/01/1900 to 01/01/1900.
45. **"A Fuzzy Correlation Approach to the comparison of Academic results of Students with their frequent visit to Library"** in the National conference on *National Conference on Decision Making & New Investments in Knowledge Resource Centres. 2009* sponsored by UGC, organized by Department of Library & Informations Science, Bishop Heber college, Trichy at Trichy during 01/01/1900 to 01/01/1900.
46. **"Solving Fuzzy Steiner Tree Problem and Fuzzy Shortest path problem using Fuzzy Graph"** in the International conference on *International Conference on Graph Theory and its Applications* sponsored by UGC, organized by Amirtha School of Engineering at Coimbatore during 01/01/1900 to 01/01/1900.
47. **"Confidence Intervals through Fuzzy Probabilities as a measure for Correlation Coefficient of Fuzzy Numbers"** in the International conference on *International Conference of Mathematics and Computer Science. 2009* sponsored by UGC, organized by Department of Maths, Loyola College, Chennai at Chennai during 01/01/1900 to 01/01/1900.

48. **"Correlation coefficient of Vague sets"** in the International conference on *International Conference on Emerging Trends in Mathematics and Computer Applications*. 2010 sponsored by UGC, organized by MEPCO college, Sivakasi at Sivakasi during 01/01/1900 to 01/01/1900.
49. **"Multiple Attribute Group decision making with Correlation Coefficient of Vague sets"** in the International conference on *International Conference on Mathematical Computer Engineering, ICMCE-2013* sponsored by UGC, organized by VIT, Chennai at Chennai during 01/01/1900 to 01/01/1900.
50. **"A Robust MAGDM method for triangular intuitionistic fuzzy sets"** in the International conference on *International Conference on Mathematical Computer Engineering, ICMCE-2013* sponsored by UGC, organized by VIT, Chennai at Chennai during 01/01/1900 to 01/01/1900.
51. **"Mining Intuitionistic Fuzzy Correlation Rules in TOPSIS for Multiple Attribute Group Decision Making Problems"** in the International conference on *International Conference on Mathematical Computer Engineering, ICMCE-2013* sponsored by UGC, organized by VIT, Chennai at Chennai during 01/01/1900 to 01/01/1900.
52. **"MADM problems with correlation coefficient of Trapezoidal Fuzzy IFS"** in the International conference on *International Conference on Artificial Neural Networks and e-Mathematical Learning, ICANNML-2013* sponsored by , organized by Department of Maths, Loyola College, Chennai at Chennai during 01/01/1900 to 01/01/1900.
53. **"IVOWA Operator for Vague sets in MAGDM Problems"** in the International conference on *Heber International Conference on Applied Mathematics and Statistics*. 2012 sponsored by Bishop Heber College, Trichy, organized by Department of Maths, Bishop Heber college, Trichy at Trichy during 01/01/1900 to 01/01/1900.
54. **"Applications of Trapezoidal Fuzzy Intuitionistic Fuzzy Number in Decision Making Methods"** in the International conference on *International Conference on Mathematical Modeling and Applied Soft Computing-2012* sponsored by UGC, organized by CIT, Coimbatore at Coimbatore during 01/01/1900 to 01/01/1900.
55. **"Multiple Attribute Group Decision Methods for Triangular Intuitionistic Fuzzy Sets"** in the National conference on *National Conference on Current Researches on Fuzzy Logic and its Applications*, 23-25 June 2011 sponsored by AICTE, organized by MAM college of Engineering, Trichy at Trichy during 01/01/1900 to 01/01/1900.



1. **"Intuitionistic Trapezoidal Fuzzy MAGDM Problems with Sumudu Transform in Numerical Methods"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 6, Issue No. 3, July 2019 ISSN : ---.
Impact factor , Scopus Index YES, h - index , Citation index
2. **"Attributes Weight Determination in MAGDM Problems using Some Numerical Method Techniques"** published in International Journal of Innovative Technology and Exploring Engineering (PEER REVIEW) Vol. 8, Issue No. 6S4, April 2019 ISSN : 2278-3075.
3. **"Attribute Weight Determination using Sumudu Transform in Intuitionistic Triangular Fuzzy MAGDM Problems"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
4. **"MAGDM Problems with Correlation coefficient of Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
5. **"Application of Markov Chain in Interval Valued Intuitionistic Fuzzy MAGDM Problems"** published in International Journal Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
6. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
7. **"Application of MAGDM Problem Using a Singularly Peturbed Differential Equations With Interval-Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
8. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
9. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
10. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
11. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.

12. **"Plant Association of Bamboo in Pachaimalai Hills with Mining Fuzzy Bio-Statistical Rules"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
13. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
14. **"MAGDM Problems for Singularly Peturbed Volterra Integral Equation with Interval Valued Intuitionistic Fuzzy Sets"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
15. **"Application of Markov Chain in Interval Valued Intuitionistic Fuzzy MAGDM Problems"** published in International Journal Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 2019 ISSN : 2321-9637.
16. **"Application of Integrodifferential Equations Using Sumudu Transform in Intuitionistic Trapezoidal Fuzzy MAGDM Problems"** published in Applied Mathematics and Scientific Computing (PEER REVIEW) Vol. , Issue No. , January 2019 ISSN : ---.
Impact factor , Scopus Index YES, h - index , Citation index
17. **"Association of Sandalwood with Other Species in Pachaimalai Hills with Reliability of Estimates and Regression"** published in International Journal of Botany and Research (PEER REVIEW) Vol. 8, Issue No. 4, August 2018 ISSN : ---.
18. **"APPLICATION OF SOME NUMERICAL METHODS IN MAGDM PROBLEM"** published in INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS (PEER REVIEW) Vol. 120, Issue No. 9, January 2018 ISSN : 1314-3395.
Impact factor , Scopus Index YES, h - index , Citation index
19. **"INTUITIONISTIC FUZZY MAGDM PROBLEMS WITH NUMERICAL SOLUTION OF SINGULARLY PERTURBED DIFFERENTIAL EQUATION OF CONVECTION-DIFFUSION TYPE"** published in International Journal for Research in Engineering Application & Management (PEER REVIEW) Vol. 4, Issue No. 6, January 2018 ISSN : 2454-9150.
20. **"A HYBRID SCHEME FOR SOLVING SINGULARLY PERTURBED DELAY DIFFERENTIAL EQUATIONS AND ITS APPLICATIONS TO MADM PROBLEMS"** published in International Journal of Pure and Applied Mathematics (PEER REVIEW) Vol. 20, Issue No. 6, January 2018 ISSN : 1314-3395.
21. **"APPLICATION OF SUMUDU TRANSFORM IN INTUITIONISSTIC FUZZY MAGDM PROBLEMS"** published in International Journal of Pure and Applied Mathematics (PEER REVIEW) Vol. 119, Issue No. 11, January 2018 ISSN : 1314-3395.
22. **"APPLICATION OF VOLTERRA INTEGRAL EQUATIONS USING SUMUDU TRANSFORM IN MAGDM PROBLEMS"** published in INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS (PEER REVIEW) Vol. 120, Issue No. 9, January 2018 ISSN : 1314-3395.
Impact factor , Scopus Index YES, h - index , Citation index
23. **"MAGDM Problems with Sumudu Transform for Interval Valued Intuitionistic Triangular Fuzzy Sets"** published in IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (PEER REVIEW) Vol. , Issue No. , January 2017 ISSN : ---.

24. **"MULTIPLE ATTRIBUTE GROUP DECISION MAKING PROBLEMS USING RUNGE-KUTTA METHOD OF HARMONIC MEAN"** published in Aryabhata Journal of Mathematics and Informatics (PEER REVIEW) Vol. 8, Issue No. 2, December 2016 ISSN : 0975-7139.
Impact factor , Scopus Index yes, h - index , Citation index
25. **"Contrasting Correlation Coefficient with Distance Measure in Interval Valued Intuitionistic Trapezoidal Fuzzy MAGDM Problems"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 5, Issue No. 4, October 2016 ISSN : 2156-177X.
Impact factor , Scopus Index yes, h - index , Citation index
26. **"Mining Trapezoidal Intuitionistic Fuzzy Correlation Rules for Eigen Valued Magdm Problems"** published in International Journal of Control Theory and Applications (PEER REVIEW) Vol. 9, Issue No. 7, July 2016 ISSN : 0974-5572.
Impact factor , Scopus Index yes, h - index , Citation index
27. **"Multiple Attribute Group Decision Analysis for Intuitionistic Triangular and Trapezoidal Fuzzy Numbers"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 5, Issue No. 3, June 2016 ISSN : 2156-177X.
Impact factor , Scopus Index yes, h - index , Citation index
28. **"Sensitivity Analysis of GRA Method For Intuitionistic Fuzzy Information of MADM: The Results of Change In The Weight of One Attribute On The Final Ranking of Alternatives"** published in International Journal for Innovative Research in Science & Technology (NON PEER REVIEW) Vol. 1, Issue No. 8, August 2015 ISSN : 2349-6010.
29. **"Sensitivity Analysis of GRA Method For Interval Valued Intuitionistic Fuzzy Information of MADM: The Results of Change In The Weight of One Attribute On The Final Ranking of Alternatives"** published in International Journal for Scientific Research and Development (E-JOURNAL) Vol. 2, Issue No. 7, July 2015 ISSN : 2321-0613.
30. **"Mining Efficient Fuzzy Bio-Statistical Rules for Association of Sandalwood in Pachaimalai Hills"** published in International Journal of Agricultural and Environmental Information Systems (PEER REVIEW) Vol. 6, Issue No. 2, April 2015 ISSN : 1947-3192.
Impact factor , Scopus Index yes, h - index , Citation index
31. **"A robust MAGDM method for triangular intuitionistic fuzzy sets"** published in International Journal of Pure and Applied Mathematics (SELECT) Vol. 101, Issue No. 5, March 2015 ISSN : 1311-8080.
32. **"MCDM Model with a new correlation coefficient of Vague sets"** published in International Journal of Information Science and Intelligent System (E-JOURNAL) Vol. 3, Issue No. 4, October 2014 ISSN : 2307-9142.
33. **"MADM Problems with Correlation Coefficient of Trapezoidal Fuzzy Intuitionistic Fuzzy Sets"** published in Advances in Decision Sciences (PEER REVIEW) Vol. 2014, Issue No. , July 2014 ISSN : 2090-3359.
34. **"MADM Problems for Interval Vague Sets using a New TOPSIS Method"** published in International Journal of Information Science and Intelligent System (E-JOURNAL) Vol. 3, Issue No. 2, April 2014 ISSN : 2307-9142.
35. **"Efficient Multiple Attribute Group Decision Making Models with Correlation Coefficient of Vague sets"** published in International Journal of Operations Research and Information Systems (PEER REVIEW) Vol. 5, Issue No. 2, April 2014 ISSN : 1947-9328.

36. **"Sensitivity in Weight determining methods for interval valued intuitionistic fuzzy MAGDM Problems"** published in American International Journal of Contemporary Scientific Research (NON PEER REVIEW) Vol. 1, Issue No. 2, March 2014 ISSN : 2349-4425.
37. **"A New Horizon for Multiple Attribute Group Decision Making Problems with Vague Sets"** published in International Journal of Applied Mathematics and Statistical Sciences (NON PEER REVIEW) Vol. 3, Issue No. 2, February 2014 ISSN : 2319-3972.
38. **"Interval Valued Intuitionistic Fuzzy MAGDM Problems with OWA Entropy Weights"** published in International Journal of Mathematical Trends and Technology (NON PEER REVIEW) Vol. 9, Issue No. 2, January 2014 ISSN : 2349-5758.
39. **"An analytic approach for interval valued intuitionistic fuzzy MAGDM using maximal entropy OWA weights"** published in International Journal of Applied Science and Engineering Research (NON PEER REVIEW) Vol. 3, Issue No. 1, January 2014 ISSN : 2277-9442.
40. **"MAGDM-Miner: A New Algorithm for Mining Trapezoidal Intuitionistic Fuzzy Correlation Rules"** published in International Journal of Decision Support System Technology (PEER REVIEW) Vol. 6, Issue No. 1, January 2014 ISSN : 1941-6296.
Impact factor , Scopus Index yes, h - index , Citation index
41. **"MAGDM Problems with Correlation coefficient of Triangular Fuzzy IFS"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 4, Issue No. 1, January 2014 ISSN : 2156-177X.
Impact factor , Scopus Index yes, h - index , Citation index
42. **"Applications of Transforming Vague Sets into Fuzzy Sets for Knowledge Management"** published in International Journal of Computing Algorithm (PEER REVIEW) Vol. 2013, Issue No. , December 2013 ISSN : 2278-2397.
43. **"An Extended TOPSIS with Mining Intuitionistic Fuzzy Correlation Rules"** published in International Journal of Information Science and Intelligent System (E-JOURNAL) Vol. 2, Issue No. 4, December 2013 ISSN : 2307-9142.
44. **"A Strategic TOPSIS Algorithm With Correlation Coefficient Of Interval Vague Sets"** published in International Journal of Computing Algorithm (PEER REVIEW) Vol. 2013, Issue No. , October 2013 ISSN : 2278-2397.
45. **"Attributes Weight Determination for Interval Valued Intuitionistic Fuzzy Multiple Attribute Group Decision Making Problems"** published in International Journal of Computing Algorithm (PEER REVIEW) Vol. 2013, Issue No. , October 2013 ISSN : 2278-2397.
46. **"A Strategic study of mining Fuzzy Association rules using fuzzy multiple correlation measures"** published in Journal of Algorithms and Computational Technology (PEER REVIEW) Vol. 6, Issue No. 3, September 2012 ISSN : 1748-3018.
47. **"A Search for the Correlation coefficient of Triangular and Trapezoidal Intuitionistic Fuzzy sets for Multiple Attribute Group Decision Making"** published in Communications in Computer and Information Sciences (PEER REVIEW) Vol. 283, Issue No. , March 2012 ISSN : 1865-0929.

48. **"Vague Correlation coefficient of Interval Vague sets"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 2, Issue No. 1, January 2012 ISSN : 2156-177X.
Impact factor , Scopus Index yes, h - index , Citation index
49. **"Extended TOPSIS with correlation coefficient of Triangular Intuitionistic fuzzy sets for Multiple Attribute Group Decision Making"** published in International Journal of Decision Support System Technology (PEER REVIEW) Vol. 3, Issue No. 3, September 2011 ISSN : 1941-6296.
Impact factor , Scopus Index yes, h - index , Citation index
50. **"A short primer on the Correlation coefficient of Vague sets"** published in International Journal of Fuzzy System Applications (PEER REVIEW) Vol. 1, Issue No. 2, April 2011 ISSN : 2156-177X.
Impact factor , Scopus Index yes, h - index , Citation index
51. **"A novel approach on comparison of students' academic behaviour by the method of correlation coefficient of fuzzy numbers through statistical confidence intervals"** published in International Journal of Algorithms, Computing and Mathematics (NON PEER REVIEW) Vol. 3, Issue No. 2, May 2010 ISSN : 0974-3367.
52. **"Isomorphism of a Fuzzy Graph using Fuzzy Matrix Equality"** published in International Journal of Recent Trends in Engineering & Technology (PEER REVIEW) Vol. 1, Issue No. 2, May 2009 ISSN : 2158-5555.
53. **"APPLICATION OF JACOBIAN & SOR ITERATION PROCESS IN INTUITIONISTIC FUZZY MAGDM PROBLEMS"** published in Mathematical Sciences International Research Journal (PEER REVIEW) Vol. 6, Issue No. 2, January 1900 ISSN : 2278 – 8697.
54. **"INTUITIONISTIC FUZZY MAGDM PROBLEMS WITH NUMERICAL SOLUTION OF SINGULARLY PERTURBED DIFFERENTIAL EQUATION OF CONVECTION-DIFFUSION TYPE"** published in (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
55. **"Attribute Weight Determination Using Singularly Perturbed Differential Equation of Convection Diffusion Type in MAGDM Problems"** published in International Journal of Research in Advent Technology (PEER REVIEW) Vol. , Issue No. Special Issue, January 1900 ISSN : 2321-9637.

1. **NUMERICAL SOLUTION TO SINGULARLY PERTURBED DIFFERENTIAL EQUATION OF REACTION-DIFFUSION TYPE IN MAGDM PROBLEMS.** *Trends in Mathematics (Applied Mathematics and Scientific Computing)*. Switzerland :Birkhauser, Springer, January 2019.
2. **APPLICATION OF INTEGRO-DIFFERENTIAL EQUATIONS USING SUMUDU TRANSFORM IN INTUITIONISTIC TRAPEZOIDAL FUZZY MAGDM PROBLEMS.** *Trends in Mathematics (Applied Mathematics and Scientific Computing)*. Switzerland :Birkhauser, Springer, January 2019.
3. **Vague Correlation Coefficient of Interval VAGue sets and its Applications to TOPSIS in MADM problems.** *Fuzzy Systems (3 volumes)*. United States of America :IGI-Global Publishers, March 2017.
4. **Vague Correlation Coefficient of Interval VAGue sets and its Applications to TOPSIS in MADM problems.** *Fuzzy Systems (3 volumes)*. United States of America :IGI-Global Publishers, March 2017.
5. **MAGDM Problems with Correlation Coefficient of Triangular Fuzzy IFS.** *Theoretical and Practical Advancements for Fuzzy System Integration*. United States of America :IGI-Global Publishers, January 2017.
6. **Extended TOPSIS with Correlation Coefficient of Triangular Intuitionistic Fuzzy Sets for Multiple Attribute Group Decision Making.** *Engineering Effective Decision Support Technologies: New Models and Applications*. United States of America :IGI-Global Publishers, July 2013.

Books Published / Edited

- 4

- * Dr. P. Mariappan . **Vector Calculus & Trigonometry.** Tamilnadu : New Century Book House , January 2020.
- * P. John Robinson . **Application of Laplace and Fourier Transforms in Decision Making Problems.** Germany : LAP LAMBERT Academic Publishing , February 2018.
- * P. John Robinson . **Weight DEtermining Methods for IVIFS Decision Problems.** Germany : Lap Lambert , March 2017.
- * P. John Robinson . **Methods of Intuitionistic Fuzzy Correlation in Group Decision Making.** Germany : Lap Lambert Academic Publishers , November 2015.

Conferences / Workshops / Seminars Organised

- 2

1. International level Conference Entitled **"International Conference on Applied Mathematics and Bio-inspired Computations"** at Bishop Heber College, Trichy, sponsored by CSIR, during 10/01/2019 to 11/01/2019.
2. National level Conference Entitled **"Heber Conference on Computational Techniques"** at Bishop Heber College, Trichy, sponsored by Bishop Heber College, during 17/03/2017 to 17/03/2017.

Awards Recieved

- 2

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best Researcher in Sciences	Bishop Heber College	01/03/2016	COLLEGE	R & D Department	
Best Researcher in Basic Sciences	BHC	01/03/2015	COLLEGE	R & D Dept	

RESEARCH PROJECTS - 2

1. Minor project entitled "**Applications of Singular Perturbation Problems in Solving Multiple Attribute Group Decision Making Problems**" (*PRINCIPAL INVESTIGATOR*), Sponsored by Bishop Heber College, during 23/10/2019 to 04/22/2020 [Completed].
2. Minor project entitled "**CLOSING THE ACHIEVEMENT GAP AND LEADING TO BEST PRACTICES IN TEACHING HIGHER SECONDARY SCHOOL MATHEMATICS USING MINING FUZZY ASSOCIATION RULES AND FUZZY CORRELATION MEASURES**" (*PRINCIPAL INVESTIGATOR*), Sponsored by BHC, during 01/03/2015 to 3/1/2016 [Completed].

RESOURCE PERSON - 15

1. College level Invited Lectures on "**An Awareness Lecture on the Extra Credit Course : Fuzzy Mathematics**" at Trichy (Online), 25/01/2021.
2. International level Seminar on "**Decision Making with Application of Data mining**" at Trichy (Online), 05/06/2020.
3. College level Seminar on "**Aptitude Skills**" at Bishop Heber College, Trichy, 09/03/2016.
4. College level Invited Lectures video on "**Strategies of Intuitionistic Fuzzy Decision Making Problems**" at Theivanai Ammal College for Women, villupuram, 18/02/2016.
5. College level Invited Lectures on "**Wonder of Mathematics in MS-OFFICE**" at Bishop Heber College, Trichy, 22/12/2015.
6. Regional level Awareness Programme on "**Coping the Exam Stress**" at Trichy, 18/12/2015.
7. College level Invited Lectures on "**Basic of Mathematics & Motivation**" at Aiman College for Women, 26/06/2015.
8. College level Invited Lectures on "**Data Mining**" at Holy Cross College, Trichy, 06/03/2015.
9. Regional level Orientation on "**Learning Needs of Children in Primary Education**" at Trichy, 24/02/2015.
10. College level Computer Science Association on "**Acquiring Job Skills in Digital World**" at Holy Cross College, Trichy, 16/12/2014.
11. Regional level Orientation on "**Succeed before You succumb-career guidance and placement centre**" at Don Bosco Vazhikaati, Madurai, 26/11/2013.
12. Regional level Training on "**Psychological Approach towards Students**" at Thanjavur, 19/10/2013.
13. State level Workshop on "**Reasoning-Career guidance and placement centre**" at Don Bosco Vazhikaati, Manikandam, Trichy, 23/08/2013.
14. College level Seminar on "**Current Trends in Mathematics**" at Bishop Thorp College, Dharapuram, 12/03/2013.
15. College level Invited Lectures on "**Fuzzy Matrices**" at Chidambarampillai College, Trichy, 21/08/2009.

JOURNAL REFEREE

1. **Reviewer** of International Journal "*Journal of Engineering Science & Technology*"(vol.) at Malaysia during 12/02/2019 - 2/26/2019.
2. **Reviewer** of International Journal "*Asian Research Journal of Mathematics*"(vol.) at West Bengal, India during 02/02/2019 - 2/8/2019.
3. **Reviewer** of International Journal "*Asian Research Journal of Mathematics*"(vol.) at West Bengal, India during 02/02/2019 - 2/8/2019.
4. **Reviewer** of International Journal "*Advances in Mechanical Engineering*"(vol.) at during 19/11/2017 - 11/29/2017.
5. **Reviewer** of -1 Journal "*Journal of Scientific Research and Reports*"(vol.) at West Bengal, India during 27/05/2017 - 6/12/2017.
6. **Reviewer** of International Journal "*Journal of Experimental & Theoretical Artificial Intelligence*"(vol.) at Europe during 07/05/2017 - 5/15/2017.
8. **Reviewer** of International Journal "*Asian Journal of Mathematics and Computer Research*"(vol.) at Manchester, Europe during 22/04/2017 - 5/02/2017.
9. **Reviewer** of International Journal "*Journal of Intelligent Systems*"(vol.) at Europe during 17/04/2017 - 4/21/2017.

Additional Information

- @ Involvement in the Administration of Bishop Heber College
- Convener – Christian Endeavor Society
 - Coordinator – Free Noon-Meal Scheme for Day-Scholar students(2011-till date)
 - Co-Convener – College Functions Committee
 - Co-Convener – Religious Life Committee (2015-2016)
 - Member – Discipline Committee
 - Member – Magazine Committee (2014-till date)
 - Member - Admissions Committee (2013-till date) •Visiting Warden – Dodson Hostel for Boys (2011-till date)
 - Visiting Warden – CE Hostel (since 2015)
 - Department Association President during 2010-2011
 - Member – Student Help-Line team (2010-till date)
 - Member - core committee for academics

Signature of Staff
(P.JOHN ROBINSON)