

## Dr.RAMAH SIVAKUMAR

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### Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Computer Science	Bharathidasan University	December 2019
M.Phil	Computer Science	Bharathidasan University	2011
MCA	COMPUTER APPLICATIONS	Ignou	2009
BCA	COMPUTER APPLICATIONS	Ignou	2006

### Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
Optimization of Frequent Itemset Mining Using Enhanced Pattern Growth Techniques	Pattern Mining	Dr. J.G.R.Sathiaseelan	Bishop Heber College, Trichy	December 2019

### Additional Qualification

Name of Course	Place of Study	Date	Duration
DECE	Srinivasa Polytechnic, Kalamavur,Pudukottai DT.,	MARCH 1988	3 YEARS

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Puthur, Trichy-17	Assistant Professor	2016	Till Date
Bishop Heber College	Puthur, Trichy-17	Programmer	2006	2016

## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	17
2.	<b>Research Papers Presented</b>	7
3.	<b>Publication in Journals</b>	8
4.	<b>Publication in Books</b>	0
5.	<b>Books Published / Edited</b>	0
6.	<b>Conferences / Workshops / Seminars Organised</b>	0
7.	<b>Research Projects</b>	0
8.	<b>Resource Person</b>	2
9.	<b>Consultancy</b>	0
10.	<b>Awards Recieved</b>	0
11.	<b>Patent</b>	0
12.	<b>Extension Activities Undertaken</b>	0
13.	<b>Professional Membership</b>	0
14.	<b>M.Phil. / Ph.D. Produced</b>	0 / 0

1. International level Conference on **"International Conference on Computer Vision, Networks and Informatics"** sponsored by UGC organized by The Gandhigram Rural Institute (Deemed to be University) Ministry of Human Resource Development (MHRD), Govt. of India at GANDHIGRAM during 22/03/2018 to 23/03/2018.
2. National level Conference on **"National Conference of Computing Technologies(NCCT-2018)"** sponsored by Bishop Heber College (Autonomous) organized by Bishop Heber College (Autonomous), at Tiruchirappalli during 26/02/2018 to 26/02/2018.
3. International level Conference on **"International Conference on Recent Advances in Computing and Communication ICRACC 2018"** sponsored by Shri Shankarlal Sundarbai Shasun Jain College for Women organized by Shri Shankarlal Sundarbai Shasun Jain College for Women at Chennai during 23/02/2018 to 24/02/2018.
4. International level Conference on **"International Conference On Power, Control, Signal And Instrumentation Engineering"** sponsored by IEEE organized by Saveetha Engineering College, Thandalam at Chennai during 21/09/2017 to 22/09/2017.
5. National level Workshop on **"R Programming for Statistics and Data Mining"** sponsored by Srimad Andavan Arts and Science College organized by Srimad Andavan Arts and Science College at Tiruchirappalli during 17/04/2017 to 18/04/2017.
6. -1 level Workshop on **"Curriculum design and Evaluation Techniques"** sponsored by DBT organized by BHC at Trichy during 21/11/2016 to 22/11/2016.
7. International level Conference on **"International Conference on Computing Communication and Information Sciences"** sponsored by Departments of Computer Science, applications and information Technology organized by Departments of Computer Science, applications and information Technology at Bishop Heber College, Trichy during 28/07/2016 to 29/07/2016.
8. National level Seminar on **"Role of Yoga and Technology in Enhancing Sports Performance and Populace Healtho"** sponsored by UGC organized by Department of Physical Education at Urumu Dhanalakshmi College during 28/01/2016 to 29/01/2016.
9. International level Conference on **"Advance Computing"** sponsored by PG & Research department of Computer Science organized by PG & Research department of Computer Science at Jamal Mohamed College during 03/12/2015 to 04/12/2015.
10. College level Workshop on **"Cloud Computing & Big Data Analytics"** sponsored by Bishop Heber College (Autonomous), organized by Bishop Heber College (Autonomous), at Trichy-17 during 23/11/2015 to 24/11/2015.
11. -1 level Workshop on **"Cloud Computing and Big Data Analytics"** sponsored by organized by at Bishop Heber College, Trichy-17 during 23/11/2015 to 24/11/2015.
12. State level Workshop on **"Data Mining using Weka Tool"** sponsored by organized by at Bharathidasan University Technology Park, Trichy during 12/09/2015 to 01/01/1900.
13. -1 level Workshop on **"Data Mining Techniques using MATLAB-A Research perspective"** sponsored by Kongu Engineering College, Perundurai organized by Kongu Engineering College, Perundurai at during 16/07/2015 to 17/07/2015.
14. National level Conference on **"ICAC"** sponsored by organized by at Jamal Mohamed College during 08/02/2011 to 08/02/2011.
15. -1 level Workshop on **"Research Methodology in Computer Science"** sponsored by organized by at Jamal Mohamed College during 21/12/2010 to 22/12/2010.
16. -1 level Workshop on **"Advanced IP for Teachers"** sponsored by organized by at Bishop Heber College, Trichy-17 during 09/08/2007 to 10/08/2007.

17. -1 level Workshop on **"Power Point Presentation and Internet Usage"** sponsored by organized by at Bishop Heber College, Trichy-17 during 23/04/2007 to 24/04/2007.

## Research Papers Presented

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1. **"An enhanced constraint based technique for frequent itemset mining in transactional databases"** in the International conference on *International Journal of Computer Sciences and Engineering (ICCVNI-2018)* sponsored by UGC, organized by The Gandhigram Rural Institute (Deemed to be University) Ministry of Human Resource Development (MHRD), Govt. of India at Chennai during 22/03/2018 to 23/03/2018.
2. **"Constraint based Frequent Itemset Mining algorithm using Parallel processing technique"** in the National conference on *National Conference of Computing Technologies(NCCT-2018)* sponsored by Bishop Heber College (Autonomous), organized by Bishop Heber College (Autonomous) at TRICHY during 26/02/2018 to 26/02/2018.
3. **"A hybrid algorithm for mining frequent itemsets in transactional databases"** in the International conference on *International Journal of Advance Research in Computer Science* sponsored by UGC, organized by Shri Shankarlal Sundarbai Shasun Jain College for Women Chennai, India at Chennai during 23/02/2018 to 24/02/2018.
4. **"A Performance based Empirical Study of the Frequent Itemset Mining Algorithms"** in the International conference on *International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)* sponsored by IEEE, organized by Saveetha Engineering College, Thandalam, at Chennai during 21/09/2017 to 22/09/2017.
5. **"A study on Frequent Pattern Mining"** in the International conference on *International Conference on computing communication and Information science* sponsored by , organized by Departments of Computer Science, Computer Applications and Information Technology at Bishop Heber College, Trichy during 28/07/2016 to 29/07/2016.
6. **"A Comprehensive study on Pattern Mining Approaches in Sports"** in the National conference on *Role of Yoga and Technology in Enhancing sports Performance and Populace Health* sponsored by UGC, organized by at Urumu Dhanalakshmi College during 28/01/2016 to 29/01/2016.
7. **"A Review of Mining Frequent Patterns"** in the International conference on *Advance Computing* sponsored by UGC, organized by PG & Research Department of Computer Science at Jamal Mohamed College during 03/12/2015 to 04/12/2015.



1. **"Constraint based Frequent Item set Mining algorithm using Parallel processing technique"** published in Journal of Applied Science and Computations (PEER REVIEW) Vol. V6I1.453459.1500599, Issue No. 1-January 19-1, October 2018 ISSN : 1076-5131.
2. **"An enhanced constraint based technique for frequent itemset mining in transactional databases"** published in International Journal of Computer Sciences and Engineering (PEER REVIEW) Vol. , Issue No. , March 2018 ISSN : 23472693.
3. **"A HYBRID ALGORITHM FOR MINING FREQUENT ITEMSETS IN TRANSACTIONAL DATABASES"** published in International Journal of Advanced Research in computer science (PEER REVIEW) Vol. 9, Issue No. SPECIAL ISSUE NO. 1, February 2018 ISSN : 09765697.
4. **"A Performance based Empirical Study of the Frequent Itemset Mining Algorithms, International Conference on Power, Control, Signals and Instrumentation Engineering"** published in IEEE Explore Digital Library (E-JOURNAL) Vol. , Issue No. , August 2017 ISSN : 978-1-5386-0814-2.
5. **"A study on Frequent Pattern Mining"** published in IJCTA (NON PEER REVIEW) Vol. , Issue No. , September 2016 ISSN : 0974-5572.
6. **"A comprehensive study on Pattern Mining Approaches in Sports"** published in (CONFERENCE PROCEEDING) Vol. , Issue No. , January 2016 ISSN : ---.
7. **"A Review Of Mining Frequent Patterns"** published in Journal of Applied Engineering Research (PEER REVIEW) Vol. 10, Issue No. 82, December 2015 ISSN : 0973-4562.

## TRAINING PROGRAMME

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- # COLLEGE level on **"Faculty Enrichment Programme"** Sponsored by , Organized by IQAC, Bishop Heber College at Trichy during 18/02/2016 - 19/02/2016.
- # COLLEGE level on **"Cloud Computing and Big Data Analytics"** Sponsored by , Organized by Innovative Dynamic Technologies, Coimbatore at BHC, Trichy during 23/11/2015 - 24/11/2015.

## RESOURCE PERSON

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1. College level Seminar on **"Web Development – An insight"** at J J College of Arts and Science Pudukottai, 03/08/2022.
2. College level Seminar on **"Trends in Data Analytics"** at Sengamala Thayar Educational Trust Womens College Mannargudi, 20/09/2021.

