

## Mr.B.KARTHIKEYAN

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Department of Computer Applications,  
Bishop Heber College,  
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Web:

M.Phil	Computer Science	Bharathidasan University	2009
M.S (I.T)	Information Technology	Adikalamadha College	2002
B.Sc (Computer Science)	Computer Science	Bharathidasan University	2000

### Ph.D. Details

<b>Title of Thesis</b>		<b>Area of Specialization</b>
Routing Algorithms to Enhance Optimized Security for Mobile Ad-Hoc Network		Mobile Ad-Hoc Network Routing
<b>Research Supervisor</b>	<b>Research Centre</b>	<b>Year of Award</b>
Dr. S. Hari Ganesh	Bishop Heber College	Nov 2017

### Additional Qualification

<b>Name of Course</b>	<b>Place of Study</b>	<b>Date</b>	<b>Duration</b>
Diploma in Electronics and Communication Engineering	Trichy	April 1996	2 years
Diploma In Network (D.Net)	Chennai	May 2004	4 Month
Master Diploma in Computer Application	Trichy	May 2000	2 years

### Work Experience

<b>Name of Institution</b>	<b>Address of Institution</b>	<b>Designation</b>	<b>From</b>	<b>To</b>
Sami Arul Colleg	Medical College Road, Vallam, Thanjavur	Assistant Professor	3/1/2005	2/2/2007

### Teaching / Research Experience

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

## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	17
2.	<b>Research Papers Presented</b>	0
3.	<b>Publication in Journals</b>	6
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>	1
8.	<b>Resource Person</b>	0
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>	1
14.	<b>M.Phil. / Ph.D. Produced</b>	0 / 0

1. 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.
2. International level Conference on **"International Conference on Emerging Novelties and Vistas in Space Technologies and Applications"** sponsored by Indian Space Research Organisation Bangalore organized by Sathyabama University at Chennai during 25/02/2016 to 27/02/2016.
3. College level Workshop on **"Faculty Enrichment Programme"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 18/02/2016 to 19/02/2016.
4. International level Conference on **"International Conference on Modelling, Simulation and Control"** sponsored by Karpagam College of Engineering organized by Karpagam College of Engineering at Coimbatore during 15/10/2015 to 16/10/2015.
5. International level Conference on **"International Conference on Innovations in Information, Embedded and Communication System"** sponsored by IEEE organized by Karpagam College of Engineering at Coimbatore during 19/03/2015 to 20/03/2015.
6. National level Workshop on **"Recent Trends in Human Computer Interactions"** sponsored by Computer Society of India organized by Computer Society of India at Trichy during 28/02/2015 to 28/02/2015.
7. National level Conference on **"National Conference on Computing and Communication"** sponsored by CARE Group of Institutions organized by CARE Group of Institutions at Trichy during 20/03/2014 to 20/03/2014.
8. International level Conference on **"World Congress on Computing and Communication Technologies"** sponsored by St Josephs College organized by St Josephs College at Trichy during 27/02/2014 to 01/03/2014.
9. International level Conference on **"International Conference on Contemporary Trends in Computer Science"** sponsored by J.J College of Arts and Science organized by J.J College of Arts and Science at Pudukkottai during 20/02/2014 to 21/02/2014.
10. National level Conference on **"National Conference on Advanced Computing"** sponsored by UGC organized by Jamal Mohamed College at Trichy during 07/03/2013 to 07/03/2013.
11. College level Seminar on **"Capacity Building Programme"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 25/02/2012 to 25/02/2012.
12. College level Workshop on **"Examinations Reforms and Evaluation"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 25/03/2011 to 26/03/2011.
13. University level Workshop on **"Essentials of C sharp"** sponsored by Microsoft Corporation and ICT Academy of Tamilnadu organized by Bharathidasan University at Trichy during 26/03/2010 to 27/03/2010.
14. International level Conference on **"International Conference on Semantic E Business and Enterprise Computing"** sponsored by UGC organized by Bishop Heber College at Trichy during 04/11/2009 to 06/11/2009.
15. State level Seminar on **"National Student Convention (NSC 2001)"** sponsored by Computer Society of India organized by at Trichy during 14/09/2001 to 16/09/2001.
16. University level Seminar on **"Latest Trends in Computer Technology"** sponsored by Bharathidasan University organized by Bharathidasan University at Trichy during 26/04/2000 to 26/04/2000.
17. College level Workshop on **"Computer Awareness and Basic Programming"** sponsored by organized by at Trichy during 12/02/1994 to 13/02/1994.

## Publication in Journals

- 6

1. **"Security Improved Ad-Hoc on Demand Distance Vector Routing Protocol (SIIm AODV)"**  
published in International Journal on Information Sciences and Computing (SELECT) Vol. 10, Issue No. 2, July 2016 ISSN : 1708-0479.
2. **"High Level Security with Optimal Time Bound Ad-Hoc On-demand Distance Vector Routing Protocol (HiLeSec-OptiB AODV)"** published in International Journal of Computer Sciences and Engineering (SELECT) Vol. 4, Issue No. 4, April 2016 ISSN : 2347-2693.
3. **"Optimal Time Bound Ad-Hoc On-demand Distance Vector Routing Protocol (OpTiB-AODV)"**  
published in International Journal of Computer Applications (SELECT) Vol. 140, Issue No. 6, April 2016 ISSN : 0975 – 8887.
4. **"ENCRYPT - SECURITY IMPROVED AD HOC ON DEMAND DISTANCE VECTOR ROUTING PROTOCOL (En-SIIm AODV)"** published in ARPN Journal of Engineering and Applied Sciences (SELECT) Vol. 11, Issue No. 2, January 2016 ISSN : 1819-6608.
5. **"Security and Time Complexity in AODV Routing Protocol"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 10, Issue No. 20, March 2015 ISSN : 0973-4562.
6. **"Analysis of Reactive AODV Routing Protocol for MANET"** published in IEEE Xplore (SELECT) Vol. , Issue No. , October 2014 ISSN : 978-1-4799-2876-7.

## RESEARCH PROJECTS

- 1

1. Minor project entitled **"High level Security with Optimal Time for MANET Routing"** (*PRINCIPAL INVESTIGATOR*), Sponsored by UGC, during 01/10/2016 to Till Date [Ongoing].

## PROFESSIONAL MEMBERSHIP

- 1

- \* Professional Membership of ACM during 05/01/2019 - 1/4/2020

**Signature of Staff**  
**(B.KARTHIKEYAN)**