

Mr.B.KARTHIKEYAN

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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

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

Additional Qualification

Name of Course	Place of Study	Date	Duration
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

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