

Dr.MADHUMATHI C

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Qualification

Degree	Branch	Institution / University	Year of Passing
Doctorate of Philosophy	cloud computing	Department Of Computer Science, Bharathidasan University, Trichy	2018
Master of Philosophy	Computer Science	Shrimati Indira Gandhi College, Trichy	2012
Master of Computer Applications	Computer Application	School Of Computer Science, Engineering And Applications, Bharathidasan University, Khajamalai Campus, Trichy	2011
B.Sc Computer Science	Tamil, English, Computer Science, Maths, Physics	Shrimati Indira Gandhi College, Trichy	2008

Ph.D. Details

Title of Thesis		Area of Specialization
Effective Cloud Service Recommendation based on SMI with Adaptive Load Balancing for Academic Institutions		Cloud Computing
Research Supervisor	Research Centre	Year of Award
Dr. Gopinath Ganapathy	School of Computer Science, Engineering and Applications, Bharathidasan University, Khajamalai Campus, Trichy	September 2018

Cleared NET / SET :	Details	Year of Passing
SET	04030973	October 2012

Additional Qualification

Name of Course	Place of Study	Date	Duration
Honours Diploma in Hardware Engineering	Hardnet IT Academy, Trichy		
UGC Desktop publishing (DTP)	Shrimathi Indira Gandhi College, Trichy	February 2007	
Asp.net with C#	Shalom InfoTech, Trichy		4 months
Cloud Computing	JPA Solutions, Chennai		

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Dhanalakshmi Srinivasan Engineering college, Perambalur	Department of MCA, Dhanalakshmi Srinivasan Engineering College, Perambalur	Assistant Professor	21-06-2012	24-05-2013

Teaching / Research Experience

U.G. : P.G. : 1 M.Phil. Ph.D.

Research Guidance

U.G. : P.G. : 2 M.Phil. : Ph.D. :

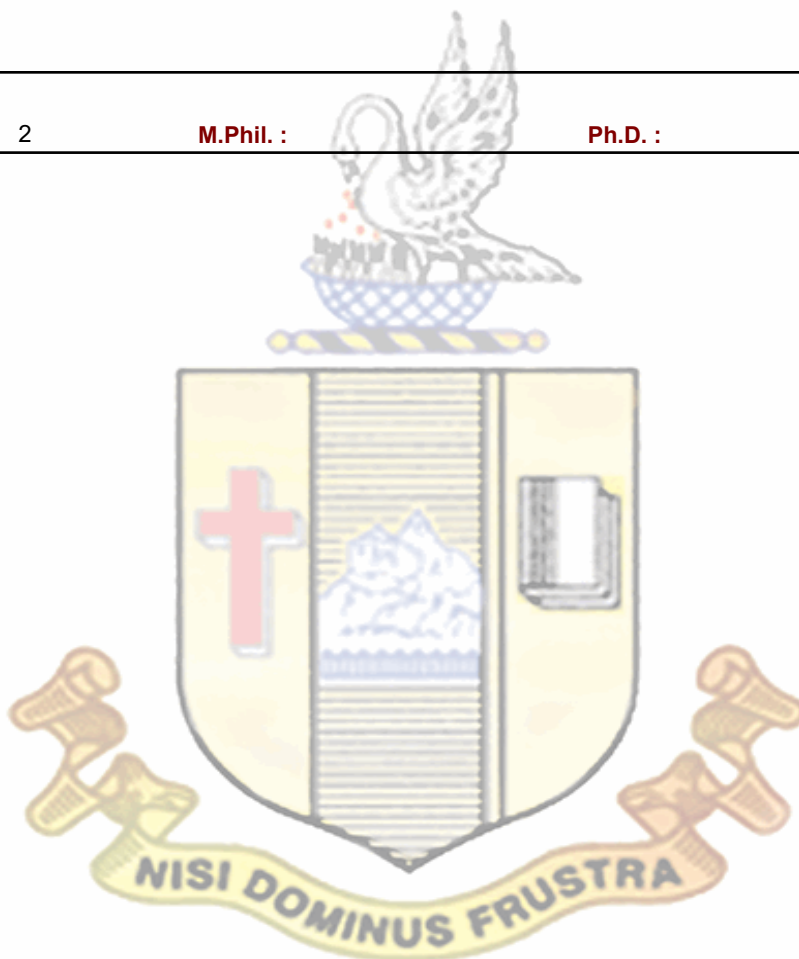


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7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	3
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. International level Conference on **"International Conference on Intelligent and Computing Systems"** sponsored by ICT Academy organized by Department of BCA,BHC at Trichy during 22/03/2021 to 22/03/2021.
2. National level Workshop on **"Big Data and Cloud Tools"** sponsored by Department of Computer Technology, MIT Campus, Anna University organized by Department of Computer Technology, MIT Campus, Anna University at Chennai during 31/07/2015 to 01/08/2015.
3. International level Conference on **"International Conference on Computer Communication and Informatics (ICCCI -2015)"** sponsored by IEEE organized by IEEE at Coimbatore during 08/01/2015 to 10/01/2015.
4. National level Workshop on **"Resources and Technologies for Scholarly Information"** sponsored by Bharathidasan University Library, organized by Bharathidasan University Library, at Trichy during 12/08/2014 to 01/01/1900.
5. National level Workshop on **"Data Analysis using SPSS'22"** sponsored by Department of Economics, Department of Statistics, Bharathidasan University Technology Park & SPSS South Asia, Bangalore organized by Department of Economics, Department of Statistics, Bharathidasan University Technology Park & SPSS South Asia, Bangalore at Trichy during 06/01/2014 to 01/01/1900.
6. National level Workshop on **"Workshop on Open Source Cloud Computing Platforms"** sponsored by B.S.Abdur Rahman University organized by B.S.Abdur Rahman University at Chennai during 18/09/2013 to 19/09/2018.
7. National level Workshop on **"Elastic Technologies of Cloud Computing"** sponsored by SRM University, Kattankulathur organized by SRM University, Kattankulathur at Chennai during 20/08/2013 to 22/08/2013.
8. National level Workshop on **" Short Term Training Programme [STTP] on ?Virtualization and Cloud Computing"** sponsored by VMware Bangalore organized by NIT at Trichy during 14/06/2013 to 15/06/2013.
9. National level Conference on **"CATER'13- National level Conference"** sponsored by organized by at Perambalur during 14/03/2013 to 01/01/1900.
10. National level Seminar on **"High Performance Computing"** sponsored by Shrimati Indira Gandhi College, Trichy. organized by Shrimati Indira Gandhi College, Trichy. at Trichy during 23/02/2012 to 01/01/1900.

Research Papers Presented

- 1

1. **"An Effective Time Based Load Balancer for an Academic Cloud Environment"** in the International conference on *International Conference on Computer Communication and Informatics (ICCCI -2015)* sponsored by IEEE Xplore, organized by IEEE Xplore at Coimbatore during 08/01/2015 to 10/01/2015.

1. **"Comparative Analysis On Various Workload Balancing Algorithms With The Proposed Time Based Load Balancer (TbLb) Algorithm For Efficient Resource Management In An Academic Cloud Computing Environment"** published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, February 2021 ISSN : 2008-8019.
2. **"Waste Water Preservation and Conservation System (Wa2PCS) using IoT based Smart Flush Technology"** published in International Journal of Advanced Science and Technology (PEER REVIEW) Vol. 29, Issue No. 6, June 2020 ISSN : ---.
3. **"An Effective User Requirements and Resource Management in an Academic Cloud-A Review"** published in International Journal of Computer Science and Information Security (IJCSIS) (PEER REVIEW) Vol. 15, Issue No. 9, September 2017 ISSN : ---.
4. **"Requirement Intensity based Resource Provisioning for e-Learning in Multicloud to Avoid Vendor Lock-ins"** published in Asian Research Publishing Network (ARPN) Journal of Engineering and Applied Science (PEER REVIEW) Vol. 11, Issue No. 17, September 2016 ISSN : ---.
5. **"Cloud Package Selection for Academic Requirements using Multi Criteria Decision Making based Modified Ant Colony Optimization Technique"** published in International Journal of Engineering and Technology (IJET) (PEER REVIEW) Vol. 8, Issue No. 2, April 2016 ISSN : ---.
6. **"Effective User Requirements Identification and SMI Parameter based WorkLoad Recommendation for Academic Clouds based on Usage logs"** published in International Journal of Advanced Engineering Research (IJAER) (PEER REVIEW) Vol. 11, Issue No. 6, January 2016 ISSN : ---.
7. **"An Effective Time Based Load Balancer for an Academic Cloud Environment"** published in IEEE Xplore (CONFERENCE PROCEEDING) Vol. , Issue No. , August 2015 ISSN : ---.
8. **"An Academic Cloud Framework for Adapting e-Learning in Universities"** published in International Journal of Advanced Research in Computer and Communication Engineering (PEER REVIEW) Vol. 2, Issue No. 11, November 2013 ISSN : ---.

Publication in Books

- 1

1. **Requirement Intensity Based Resource Provisioning for E-learning in Multi-Cloud to Avoid Vendor Lock-Ins: Brief Overview.** *Emerging Trends in Engineering Research and Technology* Vol. 6. UK :Book Publisher International, July 2021.

Conferences / Workshops / Seminars Organised

- 1

1. International level Conference Entitled **"International Conference on Intelligent and Computing Systems"** at Bishop Heber College, Trichy, sponsored by ICT Academy, during 22/03/2021 to 22/03/2021.

Award Name	Presented by	Year	Level	Instituted by / Place	amount
BEST RESEARCHER (JUNIOR CATEGORY) AWARD	BISHOP HEBER COLLEGE (AUTONOMOUS), TRICHY	15/04/2022	COLLEGE	BISHOP HEBER COLLEGE(AUTONOMOUS), TRICHY	2000
JAWAHARLAL NEHRU MEMORIAL FUND	JNMF Scholarship, Teen Murti House, New Delhi	01/01/2015	NATIONAL	JNMF Scholarship, Teen Murti House, New Delhi	Rs. 3,18,000
MAJOR M. ARAVANDI ENDOWMENT PRIZE	DR. K. ROSAIAH, FORMER GOVERNOR OF TN	10/11/2011	UNIVERSITY	BHARATHIDASAN UNIVERSITY	GOLD MEDAL



Signature of Staff
(MADHUMATHI C)