

Name : Dr. V. Malathi
Designation : Assistant Professor
Department : Computer Science with Cyber Security
Qualification : MCA, M.Phil., Ph.D.
Experience : Teaching - 9.10 Years | Research - 5 Years
Specialization: Cloud Computing, Machine Learning
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Hindusthan College of Arts and Science	2023
M.Phil.	Computer Science	Hindusthan College of Arts and Science	2015
MCA	Computer Applications	Maharaja Engineering College	2013
BCA	Computer Applications	Tirupur Kumaran College for Women	2010

Additional Qualifications

Dip./ Cert.	Area of Specialization	Institution / University / Agency	Year
Diploma	Multimedia and Animation	Bharathiar university	2010
Certificate	Cloud computing	NPTEL	2020

Research Publications

- Dr. B. Sundaravadivazhagan, V. Malathi, Dr. V. Kavitha, A Novel Credit Grounded Job Scheduling Algorithm for the Cloud Computing Environment, International Conference on Inventive Computation Technologies (ICICT), Nepal, pp. 912-919, august 2022, ISSN: 2767-7788 , (Indexed in SCOPUS) doi: 10.1109/ICICT54344.2022.9850650.
- V. Malathi, Dr. V. Kavitha, Energy aware load balacing algorithm for upgraded effectiveness in green cloud computing, Expert Clouds and Applications, Lecture Notes in Networks and Systems, vol 209 pp 247-260, ISBN 978-981-16-2125-3. (Indexed in SCOPUS).
- V. Malathi, Dr. V. Kavitha, Energy Attentive Resource Allocation Using Enhanced Best Fit Decreasing with Energy Saving (EBFD-ES) Algorithm For VM Allocation in Cloud,

International Journal of Advanced Science and Technology, Vol. 29, No. 06, pp.9265-9268, June 2020, ISSN: 2005-4 238 (Scopus publication).

- V. Malathi, Dr. V. Kavitha, Green Cloud Computing: Demand Allocation, Adalya journal (web of science), Volume 8, Issue 12, pp. 809-814, December 2019, ISSN NO: 1301-2746.
- V. Malathi, Dr. V. Kavitha, Analysis and Survey on Various Cloud Computing Algorithms and Its Challenges, International Journal of Emerging Technologies and Innovative Research, volume 6, issue 6, pp.no 23-32, June 2019, ISSN:2349-5162 (UGC Approved Journal).
- V. Malathi, Dr. V. Kavitha, A Study on Various Load Balancing Algorithm in Cloud Computing Environment, International Journal of Advance and Innovative Research, volume 6, issue 1(vii), pp.no 65-69, January -march 2019, ISSN 2394-7780 (UGC Approved Journal).
- V. Malathi, Mrs. M. Hemalatha, Dynamic Authentication System for Consumer Product using Quick Response code in Mobile Cloud Computing, International Journal of Scientific Research, volume 4, issue 09, September 2015, ISSN 2277-8179.

Conference Proceedings

- V. Malathi, Mrs. M. Hemalatha, Cloud computing for E-Governance, National conference on information and image processing, Sankara college of science and commerce, Coimbatore, 27-Feb-2015, ISBN:93-84743-48-2.
- V. Malathi, Mrs. M. Hemalatha, Cloud computing- Security issues and challenges, National conference on Innovation and Strategic Business Practices in the Global Economy, M.R. Government Arts College Mannargudi, 23-Jan-2015, ISBN:978-81-909259-5-2.

Book chapter Publications

- Innovative Services Using Cloud Computing in Smart HealthCare, Intelligent Interactive Multimedia Systems for e-Healthcare Applications, Springer (Singapore), Published 16 November 2021, ISBN: 978-981-16-6542-4.

- Effects of Introducing Cloud Computing in the Education Sector, in Effects, Applications and Future Scope of Recent Advances in Education and Healthcare Sectors, Central West Publishing, Nov 2022, ISBN (print): 978-1-922617-30-9.

Presentations in Conference

- A Novel Credit Grounded Job Scheduling Algorithm for the Cloud Computing Environment, Online Symposium on Advances in Computational Intelligence and Heuristic Applications (ACIHA 2021), Sultanate of Oman, University of Technology and Applied Sciences- Al Mussanah, 10-Nov-2021 to 11-Nov-2021.
- Cloud computing for E-Governance, National conference on information and image processing, Sankara college of science and commerce, Coimbatore, 27-Feb-2015.
- Cloud computing- Security issues and challenges, National seminar on Innovation and Strategic Business Practices in the Global Economy, M.R. Government Arts College, Mannargudi 23-Jan-2015.

Participation in Conference

- International Conference on the Accelerated Digital Transformation: An Approach to Sustainability in Business, G.R. Damodaran Academy of Management, Coimbatore, 22-Mar-2024.
- International Conference on Computer Applications and Information Technology (CAIT 2019), Sponsored by Indian Academicians and Researcher's Association, Hindusthan College of Arts and Science, Coimbatore, 24-Jan-2019.

Participation in Workshop

- Cognitology Summit - AI & Cloud, PSGR Krishnammal College for Women, Coimbatore, 8-Feb-2020.
- Role of Cloud Computing in Internet of Things (IoT), Hindusthan College of Arts and Science, Coimbatore, 20-Aug-2019 to 21-Aug-2019.

- Intellectual Property Rights – Indian and Global Perspectives, Hindusthan College of Arts and Science, Coimbatore, 05-Aug-2019.
- Back To the Future, Hindusthan College of Arts and Science, Coimbatore, 25-Jul-2014.

Participation in Faculty Development Programme

- Encountering Challenges in Research, Hindusthan College of Arts and Science, Coimbatore, 7-May-2020.
- Centre for Excellence for Faculty Development Programme (COEXFD), Hindusthan College of Arts and Science, Coimbatore, 2-Jan-2020 to 5- Jan-2020.
- Mentoring the mentors, Karunya Institute of Technology and Science, Coimbatore, 20-Jun-2018.
- Communication Skills, Hindusthan College of Arts and Science, Coimbatore, 2-Jun-2017 to 3-Jun-2017.
- Quality Enhancement in HEIs by the Effectiveness of Academic and Administrative Audit Issues and Challenges, S.N.R.Sons College, Coimbatore, 21 & 22 – October- 2016.
- Resource Mobilisation for Research Work, Pioneer College of Arts & Science, Coimbatore, 16-Jul-2016.
- Public health emergency and disaster management, Hindusthan College of Arts and Science, Coimbatore, 03-Nov-2015.
- Effective Elements of Classroom Teaching, Hindusthan College of Arts and Science, Coimbatore, 21-Aug-2015.
- Writing Effective Research in Humanities, RVS College of Arts and Science, Coimbatore, 10-Oct-2014.
- Discover the Teacher in you, Hindusthan College of Arts and Science, Coimbatore, 24-Jan-2014.
- Communication Skills, Hindusthan College of Arts and Science, Coimbatore, 14-Dec-2013.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Period
Internet Society	Life-time	-

