

Name : **Dr. A. Mythili**
Designation : Assistant Professor
Department : Computer Science with Cognitive Systems
Qualification : MCA, M.Phil., Ph.D.
Experience : Teaching - 16 years | Research -14 years
Specialization : Software Engineering, Computer Networks
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Bharathiar University	2019
M.Phil.	Computer Science	KGISL- IIM	2011
MCA	Computer Applications	Bharathiar University	2007
B.Sc.	Computer Science	V.N. Krishnaswamynaidu College for Women	2002

Research Publications (Indexed)

- A. Mythili, Dr.S.K. Mahendran, **Improved QOS-based Clustering Algorithm for VANETs on Highways**, Journal of Advanced Research in Dynamic & Control Systems (JARDCS), Volume10,01-specialissue, pp.144-151,2018, ISSN:1943-023X. (Indexed in SCOPUS).
- A. Mythili, Dr.S.K. Mahendran, **Clustering Algorithm and Ensemble SVM for Attack Detection in VANET**, International Journal of Pure and Applied Mathematics (IJPAM), Volume 119 No. 12 pp-5407-15419,2018, ISSN:1314-3395(Indexed in SCOPUS).

Other Publications

- Mythili, **An Assessment of Clustering and Its protocols in VANET**, International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT), Volume 3, Issue 2, pp.160-162,2017, ISSN:2454-132X.
- Mythili, Dr.S.K. Mahendran, **Presentation study of different data collection levels, datasheets and mining techniques used in VANET**, Int. Journal of Information Research and Review (IJIR), Volume4, Issue 4, pp.4019-4023, April 2017, ISSN:2454-132X.

- Mythili, Dr.S.K. Mahendran, **A Study of 5G Network: Structural Design, Challenges and Promising Technologies, Cloud Technologies**, International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT), ISSN: 2454-132X, Volume 3, Issue 6, pp.325-339.
- A. Mythili, Dr.S.K. Mahendran, **Absolute study on support vector machine ensemble support vector machine, back propagation neural network and K nearest neighbor algorithms and its features**, International Journal of Advanced Research, Ideas and Innovations in Technology (IJARIIT), Volume 4, Issue 2, pp.2332-2337,2018, ISSN:2454-132X.
- Mythili, **Cryptography using monoalphabetic cyber method for online communication**, Wide Spectrum Vol.10, No4, November 2022, pp.31-39.

Book Publications

- K. Amuthan, Dr.A. Mythili, **Software engineering techniques and models**, Inam Pathipagam, December 2023, “978-93-95137-72”.

Presentation in Conference

- International conference on Advances in Information technology and Networking, Dr.G.R. Damodaran College of Science,22, 2014.
- Fourth International conference on Advanced in IT and Networking, Dr.G.R. Damodaran College of Science, Coimbatore, 02-Feb-2017.

Participation in Conference / Seminar

- International seminar on Oracle Technology, Sankaram InfoTech, Coimbatore 08-Jul-2008.
- International conference on computer Applications and Recent trends in Digital Animation Industry, P.S.G.R. Krishnammal College of arts and science, Coimbatore, 2011.
- Seminar on Research in Computers Why? What? How? Bharathiar University, Coimbatore, 10-Jan-2012.
- Cloud computing & Big Data Analytics seminar, P.S.G College of Technology, Coimbatore, 08-Feb-2013.
- Cyber Security seminar, Bharathiar University, Coimbatore,10-Mar-2013.

- Webinar on Robotic Process Automation: Basics and Beyond, CT Academy, Coimbatore, 10-Apr-2020.
- Webinar on Introduction to VM ware Cloud, CT Academy, Coimbatore,11-Apr-2020.
- Webinar on Accelerating Experiential Learning in Engineering, CT Academy, Coimbatore,13-Apr-2020.
- Webinar on The Future of Making, CT Academy, Coimbatore,14-Apr-2020.
- Webinar on Introduction to AI & ML, ICT Academy, Coimbatore, 15-Apr-2020.
- Webinar on Cyber security Essentials, ICT Academy, Coimbatore,16-Apr-2020
- Webinar on Digital Transformation in Enterprise, CT Academy, Coimbatore, 18-Apr-2020.
- Future Tech 2020 Global mega trends, technologies & Covid 19 impacting sectors, CT Academy, Coimbatore,19-May-2020.
- Insightful Fridays of Sky campus Digital Knowledge Webinar Series, CT Academy, Coimbatore,05-Jun-2020.
- Webinar on the theme leading in VUCA world, ICT academy, Coimbatore, 21-Apr-2020.
- National level environmental awareness quiz competition, IQAC Government College of education, Pudhukottai, 5-Jun-2020.
- International Conference on AI, Robotics and Automation, ICT Academy, Coimbatore, 14-Oct-2020 to 18-Oct-2020.
- International Conference on Advances in Sensors, Energy and Hybrid Vehicles, ICT Academy,14-Oct-2020 to 18-Oct-2020.
- International Conference on Advances in IOT, High Performance and Edge Computing, ICT Academy, 14-Oct-2020 to 18-Oct-2020.
- International Conference on Advances in Signals, Communication and Embedded Systems, ICT Academy,14-Oct-2020 to 18-Oct-2020.
- National Level Webinar on Air & Sea Navigation enabling through Computing. GRDCS, 31-Oct-2020.
- Ndli club activity-book review event, ndli club Dr. Grdcs,18-sep-2021.
- Ndli- global event activity: bright and healthy future, ndli club Dr. Grdcs,19-Nov-2021.
- ICT Bridge 2023 Building Human Capital for a Trillion-Dollar Digital Economy, ICT Academy, Hotel Le meridian, Coimbatore,07-Sep-2023.
- One day seminar on future of mobile technologies and AI, on 15-Dec- 2017.

Participation in Orientation / Training Programme & Short-Term Course

- Special Training Programme for the academic counsellor, IGNOU, New Delhi, 19-Oct-2013.
- Certified Cyber security professional level 1, Anna University, Chennai, 24-Feb-2018 to 25-Feb-2018.
- Microsoft AI Classroom Series, Microsoft, 29-Dec-2020.
- Python 3.4.3 training, Vivekananda College of Engineering for Women, Jan- 2020
- Internal Auditor training ISO 9001:2015, ISO Audit certification, Dr.GRDCS Coimbatore, 10-Dec-2021.
- Level 1 training under Project eSakshma, AICTE and CyberPeace Foundation 2020

Participation in Faculty Development Programme

- Oracle 9i, KGISL-IIM, Coimbatore, 09-Jan-2009.
- Entrepreneurship Teaching, GRD-EDC, Dr.G.R.D CS, 05-Jan-2011 to 25-Jan- 2011.
- Faculty Development Programme, Dr.G.R. Damodaran academy of Management, 14-Nov-2011 to 21-Nov-2011.
- Faculty Development Programme, IQAC , 6. Jan. 2016.
- Basics of Big Data held at Cognizant, Keeranatham IT Park on 28. Oct. 2017
- Big data & Analytics-Transitions and Tools, Dr. GRDCS on 19-Jan-2018.
- Managing the climate change, Dr. GRDCS on 29-Jun-2019.
- Introduction to Mobile App development, ICT Academy on 29-Nov-2018 to 30-Nov-2018 at Dr. G.R. Damodaran College of Science.
- Network concepts using packet tracer tool conducted on 13-Feb-2021 Presidency University Bengaluru.
- Microsoft Power BI Data Analyst held at Dr.G.R. Damodaran College of Science on 28-Nov-2022 to 2-Dec-2022.

Participation in Workshop

- “Research Documentation with LATEX”, Dr.G.R. Damodaran College of Science, 23-Nov-2010 to 24-Nov-2010.
- Cloud Computing using Open Source, Dr.G.R. Damodaran College of Science, 26-Aug-2011

- Middleware Technologies, Sri Ramakrishna Engineering College, Coimbatore, 08-Jul-2011 to 09-Jul-2011.
- Digital Image processing using MATLAB, KGISL College of Arts & Science, 1-Oct- 2011.
- National Programme on Technology Enhanced Learning (IIT Madras), 31-Aug-2023.
- jQuery Mobile web applications for Android and IOS, Nehru Arts and Science College, 18-Jan-2013
- Internet of Things: A Perspective for a Smart Environment, Dr. GRDCS, 25 to 26-Nov-2015.
- Leveraging ICT Tools for Digital Evaluation and Outcome-based Education, 28-Apr-2023.

Organizing role in Conference / Seminar / Workshop

- Organizer, Virtual Power Seminar on Wondering skills needed to equip you for the workplace of the future, Dr.G.R. Damodaran College of Science, Coimbatore. 05-May-2020
- Organizer, Virtual Power Seminar on Artificial Intelligence and Machine Learning, Dr.G.R. Damodaran College of Science, Coimbatore, 21-Oct-2021
- Organizer, Power seminar on Emerging Technologies in Information Technology & How to Become an Entrepreneur, Dr G.R. Damodaran college of Science, Coimbatore. 08-Apr- 2022
- Organizer, FDP on Microsoft Power BI, Dr.G.R. Damodaran College of Science, Coimbatore, 28- Nov-2022 to 02-Dec- 2022
- Organizer, Power seminar on Applications of Artificial Intelligence and Block chain, Dr G.R. Damodaran college of Science, Coimbatore. 31-Jan-2024

Invited Speaker / Session Chair / Reviewer

- Reviewer, Wide spectrum journal, (ISSN:2250-2815).
- Reviewer, Advances in Science, Technology and Engineering Systems Journal (ASTESJ) (ISSN: 2415-6698).