

1. NAME AND ACADEMIC RANK : Dr. A.R.Arunachalam, Ph.D.,
Professor



2. EDUCATION:

Ph.D Computer Science and Engineering, Bharath University, Chennai.

M.Tech Computer Science and Engineering. Bharath University, Chennai.
2007.

BE Computer Science and Engineering Madras University, Chennai.
2002.

3. ACADEMIC EXPERIENCE:

2018– Present Professor, Department of Computer Science & Engineering,
Dr. M.G.R. Education and Research Institute, Chennai.

2009 – 2018 Associate Professor and Head, Computer Science & Engineering
Department. BIHER (Bharath University), Chennai.

2007 – 2009 Senior Lecturer, Computer Science and Engineering Department,
Dr.NNCE , Tholudur .

2005 – 2007 Lecturer, Computer Science & Engineering Department, Jerusalem
College of Engineering, Chennai.

4. NON-ACADEMIC EXPERIENCE:

2002 – 2004 Corporate Trainer, Updater Services Pvt Ltd, Chennai, Full
time

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- NPTEL online certification in Cloud Computing, Apr 2019
- NPTEL online certification in Introduction to IoT, Oct 2019

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- International Association of Engineers (IAENG), Member
- The Society of Digital Information and Wireless Communications (SDIWC) –
Member

7. HONORS AND AWARDS:

- Best Teacher Award from Bharath Institute of Higher Education & Research in the, Year
2012
- Guest Speaker for Various event inside and outside the university
- Member of Board of Studies

8. SERVICE ACTIVITIES:

- Member of various Academic and Administrative Committees at Dr.M.G.R. Educational and Research Institute, Chennai.
- Guiding research scholars at Dr.M.G.R. Educational and Research Institute, Chennai.

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024):

- Aiyshwariya Devi Ravichandran., A R Arunachalam, "Enhancement of Iot Device Security Using an Improved Elliptic Curve Cryptography Algorithm and Malware Detection Utilizing Deep Learning" High-Confidence Computing [International], Vol. 3, No. 2, 2023.
- Geetha C., A R Arunachalam, "Prediction of Parameters of Liver Tumor Using Feature Extraction and Supervised Function," Measurement: Sensor's [International], Vol. 22, 2022.
- C.Geetha., A.R.Arunachalam, "Mathematical Model Analysis for Liver Tumor Prediction," 2021 Ieee International Conference on Mobile Networks and Wireless Communications (Iconic) [International], Pp. 1-4, 2021.
- Aiyshwariya Devi Ravichandran., A R Arunachalam, "Improved Iot Device Security Using Hybrid Algorithm with Optimal Values," 2023 International Conference on Advances in Computing, Communication and Applied Informatics (Accai) [International], Pp. 1-6, 2023'
- S Pothumani., A R Arunachalam, "Efficient Maintenance of Hospital Records by Entrusted Proof of Venture Algorithm in Block Chain Technology," 2021 International Conference on System, Computation, Automation and Networking (Icscan) [International], Pp. 1-5, 2021
- T Yuvarani., A R Arunachalam, "Improved Two Factor Fuzzy Commitment Scheme for Securing Iot Device," International Journal of Pervasive Computing and Communications [International], 2021.
- C Geetha., A R Arunachalam, "Liver Tumor Prediction by Data Mining and Machine Learning Techniques in Health Care Environment," International Journal of Health Sciences- [International], Vol. 6, No. S4, Pp. 6722-6729, 2022.
- Indumathi Uthaman., A R Arunachalam, "Fuzzy and Ir Inc-Based Routing Approach to Improve Data Storage and System Reliability in Iot," Intelligent and Converged Networks [International], Vol. 5, No. 1, Pp. 68-80, 2024.

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- “Emerging Technologies” 5 days FDP by Dr.M.G.R. Educational and Research Institute, Chennai, 2023