

# HARIPRIYA A.P.

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Dept.of Information Technology,  
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## Employment History

- 2019 – . . . . . **Associate Professor** Department of Information Technology, Govt.Engineering College BartonHill Thiruvananthapuram.
- 2018 – 2019 **Assistant Professor** Department of Information Technology, Govt.Engineering College Idukki, Idukki.
- 2010 – 2018 **Assistant Professor** Department of Information Technology, Govt.Engineering College BartonHill Thiruvananthapuram
- 2007 – 2010 **Assistant Professor** Department of Information Technology, Govt.Engineering College Sreekrishnapuram, Palakkad.

## Education

- January 2021 **Ph.D. Anna University Chennai**  
Thesis title: *Zero-Knowledge Authentication Scheme and Fuzzy Intrusion Detection System for IoT Network*
- June 2010 **M.E. Computer Science and Engineering, Anna University Chennai**
- May 2003 **B.E. Information Technology, MS University Tirunelveli**

## Research Interests

- Network Security, Internet of Things, Cryptography, Cyber Security, Wireless Sensor Networks, Cloud Computing, Artificial Intelligence, Machine Learning, Deep Learning

## Membership in Academic Bodies

- Life member of Indian Society for Technical Education (ISTE)

## Research Publications

### Journal Articles

- 1 Haripriya, A., & Kulothungan, K. (2019). Secure-mqtt: An efficient fuzzy logic-based approach to detect dos attack in mqtt protocol for internet of things. *EURASIP Journal on Wireless Communications and Networking*, 2019(1), 90.

## Conference Proceedings

- 1 Priya, D. et al. (2017). An energy efficient link stability based routing scheme for wireless sensor networks. In *2017 international conference on communication and signal processing (iccsp)* (pp. 1828–1832). IEEE.
- 2 Haripriya, A., & Kulothungan, K. (2016). Ecc based self-certified key management scheme for mutual authentication in internet of things. In *2016 international conference on emerging technological trends (icett)* (pp. 1–6). IEEE.

## Participation in Faculty Development Programs

- AICTE sponsored 6 day FDP on 'Outcome based Education and Accreditation' organized at Rajagiri School of Engg and Tech, Kochi from 10 December 2020 to 16 December 2020
- ATAL Academy 5 day course on 'Cyber Security' organized at BMS Institute of Tech and Management, Bengaluru from 07 September 2020 to 11 September 2020.
- ATAL Academy 5 day course on 'Internet of Things' organized at National Power Training Institute, Neyveli from 24 August 2020 to 28 August 2020.
- NLP Research group, RSET, Kochi sponsored 5 day course on 'Deep Learning and Natural Language Processing' organised by CSE dept, Rajagiri School of Engg and Tech, Kochi from 10 August 2020 to 14 August 2020.
- Coursera course on 'Cybersecurity and the Internet of Things' Organized by Kennesaw state University, Georgia, 23 April 2020.
- DTE sponsored 6 day course on 'Recent Trends in Communication and Networking' organized at Dept. of Information Technology, GECBH Thiruvananthapuram from 06 January 2020 to 11 January 2020.
- AICTE sponsored 5 day FDP on 'Internet of Things' organized at SCT, Tvpm from 22 July 2019 to 26 July 2019.
- KTU sponsored 5 day FDP on 'Business Analytics' organized at CET from 11 January 2019 to 23 July 2019.
- KTU sponsored Short term course on 'Research Challenges in Data Analytics' organized at SCT, Tvpm from 06 December 2018 to 12 December 2018, approved by DTE.

## Guidance of M.Tech Students


- Guided two students of M.Tech in Network Engineering, GEC Barton Hill 2018-2020 Admissions.
- Guided two students of M.Tech in Network Engineering, GEC Barton Hill 2017-2019 Admissions.
- Guided three students of M.Tech in Network Engineering, GEC Idukki 2016-2018 Admissions.

## Awards and Achievements

- 2016 ■ **Best paper Award**, International Conference on Emerging Technological Trends (ICETT), 2016

## Awards and Achievements (continued)

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2013  **Best paper Award**, National Conference on Emerging Technological (NCET), 2013

## Declaration

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I declare that the foregoing information is true to the best of my knowledge and belief.

Haripriya A.P.