





Dr. Arunkumar M.




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 <https://www.icet.ac.in/faculties/4/staff-profile>



Employment History

- Aug 2024 –  **Associate Professor**, Department of Computer Science & Engineering, Ilahia College of Engineering and Technology.
- Feb 2014 – Aug 2024  **Assistant Professor** Department of Computer Science & Engineering, Ilahia College of Engineering and Technology.
- Jun 2013 – Dec 2014  **Assistant Professor** Department of Computer Science & Engineering, M.A. College of Engineering, kothamangalam.
- Dec 2012 – Jun 2013  **Lecturer.** Department of Computer Science & Engineering, Mar Baselious Institute of Technology and Science.

Education

- 2019 – 2024  **Doctor of Philosophy, Sathyabama Institute of Science and Technology, Chennai:** Ph.D in Computer Science and Engineering
- 2011 – 2013  **Post Graduation, Cochin University:** M.Tech in Computer Science and Engineering
Thesis title: *Secure Erasure code based techniques in Cloud Computing.*
- 2006 – 2010  **Under Graduation, MG University:** B.Tech in Computer Science and Engineering.
Project title: *College ERP System.*

Research Publications

Journal Articles

- 1 K. K. Arunkumar M, “Gosvm: Gannet optimization based support vector machine for malicious attack detection in cloud environment,” *International Journal of Information Technology (IJIT) SCOPUS*, vol. 15, no. 1653–1660, 2023.
- 2 A. K. K. Arunkumar M, “Malicious attack detection approach in cloud computing using machine learning techniques,” *Soft Computing, Springer*, vol. 26, pp. 13 097–13 107, 2022.
- 3 M. A. K. Soumya, “Ssd implementation and spark integration,” *Information and Communication Technology for Intelligent Systems, Springer*, vol. 1, pp. 249–261, 2017.

Conference Proceedings

- 1 A. .M, “Adding extra links and repairing existing links in website,” in *International Journal of Mechanical Engineering and Information Technology, IJMEIT*, vol. 2, 2015.
- 2 A. Nithya Paul, “Improving website structure by adding links,” in *NCICAN*, 2014.
- 3 A. . Shabeeba Ibrahim, “Video copy detection using f- sift and surf descriptor algorithm,” in *International Journal of Mechanical Engineering and Information Technology*, vol. 2, 2014.
- 4 A. . Nasrin Ali, “Mining high utility itemsets from its concise and lossless represenations,” in *International Organization of Scientific Research*, 2013.

Skills

Languages	Reading, writing and speaking competencies for English, Malayalam and Hindi.
Coding	Core Java, PHP, Python, SQL, XML, \LaTeX , ...
Databases	MySQL, MySQLsQL, HSQL, SQLite.
Web Dev	HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server.
Misc.	Academic research, teaching and training \LaTeX

Miscellaneous Experience

Awards

2023	Received "NSS Directorate Award for best Unit and Programme Officer during the academic year 2021-22.
2022	Received "IMA Special Appreciation Award for best Unit and Programme Officer during the academic year 2020-22.
2019	Received "NSS Special Appreciation Award for best Unit and Programme Officer during the academic year 2018-19.
2018	Punarjjani Award 2017-18 - Hospital renovation Project(Govt. of Kerala), NSS Units under NSS Technical Cell.
2017	NSS Mini Punarjjani Award 2017 from V.K Ebrahimkunju, former Minister of Public Works of the Govt. of Kerala.
	Punarjjani Award 2016-17 - Hospital renovation Project(Govt. of Kerala), NSS Units under NSS Technical Cell.
	Received "NSS State Agriculture Award for best Unit and Programme Officer" during the academic year 2016-17..
2016	Received the "Award for Social Service" for Best NSS Unit for Renovating Adimaly Taluk Hospital from Hon.Minister Aryadan Muhammed during academic year 2015-2016..
	Received the "Award of Excellence" for Social Service outside the campus of ICET during academic year 2015-2016..

Achievements

2023	Selected as APJA KTU NSS Cell District Level Programme Officer of Ernakulam District during 2023.
	Representing as a player and secured Runner up position in All Kerala Inter College Staff Cricket Tournament Organized by MBC Trivandrum, during Feb 2023.
2017	Taken Trainer Certification for CCNA (Cisco Certified Network Associate) from Amrita Vishwa Vidyapeetham, Coimbatore.
	Representing Kerala- in Pilot Testing the Module for Training of Trainers on Youth and Peace Building Organized by the Centre for Training , Orientation and Capacity Building at the Rajiv Gandhi National Institute of Youth Development, Sripeumbudur, Tamil Nadu from 08m-12 August, 2017.
	N-ACE (NSS- Academic Consultant in Engineering) member of NSS Technical Cell, Kerala during the year 2016-17..

Miscellaneous Experience (continued)

Certification and Affiliation

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| 2019 Feb– 2019 April | ■ Certification. NTPL: Cloud Computing. |
| 2021 Feb | ■ Got new digital credential from CISCO Networking Academy. |

Seminars

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| 14 Dec 2020– 19 Dec 2020 | ■ Smart Perspectives of IOT on Green Technologies Series III , hosted by Gandhi Institute for Technology, Bhuvaneswar. |
| 7 Dec 2020– 12 Dec 2020 | ■ Smart Perspectives of IOT on Green Technologies Series II , hosted by Gandhi Institute for Technology, Bhuvaneswar. |
| 30 Nov 2020– 05 Dec 2020 | ■ Smart Perspectives of IOT on Green Technologies Series I , hosted by Gandhi Institute for Technology, Bhuvaneswar. |
| 17 Nov 2020– 18 Nov 2020 | ■ International Webinar on "Application of Blockchain Technology in Global vaccine Development and Production" , SNGIST Group. |
| 9 Nov 2020– 13 Nov 2020 | ■ International Webinar on "Security in Cyberspace , MBITS, Nelli-mattom. |
| 20 Sep 2020 | ■ Resource Person for NSS General Orientation , SCMS School of Engineering and Technology |
| 6 Aug 2020– 11 Aug 2020 | ■ Faculty Development Programme on "Data Science using R , organized by the Department of Computer Science and Engineering, Sathyabama Institute of science and technology, Chennai |
| 24 June 2020– 28 June 2020 | ■ Faculty Development Programme , SRM Institute of Science and Technology, Chennai. |
| 23 July 2020– 28 July 2020 | ■ International Seminar on Know Everything Related to research , IEEE and CSI Chapter, ICET. |
| 27 Aug 2020 | ■ A Journey from Graduate to Professional , Department of Computer Science and Engineering in Association with CSI Chapter, ICET. |
| 11 May 2020– 13 May 2020 | ■ How to use Cloud Computing Effectively (Theory to Practice) , School of Computing, Sathyabama Institute of Science and Technology. |
| 16 Dec 2019– 20 Dec 2019 | ■ Five day Faculty Development Programme on "Glide Through Cognitive Computing , Department of Computer Science and Engineering in association with ISTE Sponsored by APJ Abdul Kalam Technological University. |


Miscellaneous Experience (continued)

18 July 2018– 20 July 2018  **FDP on "Computer Architecture" by Dr. John Jose, IIT Guwahatti, CSI ICET.**


Workshops


24 Jan 2020  **State Level Workshop on Sexual abuse and Harassment, Women Cell ICET, NSS ICET.**

2017  **State Level Programme Officers Workshop, APJ KTU and DTE.**

 **International Training on Pilot Testing the Module for Training of Trainers on Youth and Peace Building Organized by the Centre by Rajiv Gandhi National Institute of Youth Development, Sripeumbudur, Tamil Nadu.**

Conferences

15 Oct 2016– 16 Oct 2016  **Programme Officers Annual Conference, Muthoot Institute of Technology and Science.**

18 July 2013– 19 July 2013  **Secure Erasure Code based Cloud Storage with Secure Data Forwarding, ToCH Institute of Science and Technology.**

Presentation/Poster Presentation


2017  **Hands on Workshop on Android in Dec 2017, Ilahia College of Engineering and Technology.**

Duties/Responsibilities

College Level

2016-till date  **NSS Programme Officer**

2022-till date  **Anti Narcotic Cell Coordinator**

 **Nature and Photography Club Coordinator**

 **TinkerHub Coordinator**

Department Level

2019-23  **Mentor 2019-23 CSE Batch A**

2022-till date  **Department Discipline Incharge**

 **Department NBA Coordinator**

 **Department Criteria 10 Coordinator**

 **Department Budget Coordinator**

Reference

1. **Prof Dr. Sreela Sreedhar**, Professor & HoD, ToCH Institute of Science and Technology, Arakkunnam, Ernakulum.