Liya Antony

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Education

- **TocH Institute of Science and Technology(TIST)**   Arakkunnam
  M.Tech. in Computer Science spec in Data security; CGPA: 8.5   *2013 - 2015*
- **SCMS School of Engineering and Technology**   Karukutty
  B.Tech. in Computer Science and Engineering; Percentage: 76.42   *2009 – 2013*
- **St:Teresa's .C.G.H.S.S**   Kochi
  12th Standard (State); Percentage: 95.33   *2007 – 2009*
- **St:Teresa's .C.G.H.S.S**   Kochi
  10th Standard (State); Percentage: 94.00   *2007*

Work Experience

- **Depaul IMD**   Kochi
  Visiting Facultyr   *feb 2016 – Present*

Publication

- Detecting Clone attacks in Mobile Sensor Network Using Localized Algorithms and Clustering at international conference ICETTAS 2015.

Projects and Seminars

- **BTech**

  - **Seminar : Identification of image plagiarism**   2012
    Identify image plagiarism by means of pixel comparison.

  - **Project 1 : National people tracking System**   2012
    To Create and manage a centralized identification system for all citizens.

  - **Project 2 : Detection of Image Plagiarism**   2013
    Detecting plagiarism in images by using watermarking techniques and comparing neighbourhood pixels.

- **MTech**

  - **Seminar: Secure Encounter Based Mobile Social Networks**   2014
    Mobile social networking is social networking where individuals with similar interests converse and connect with one another through their mobile phone and/or tablet. In this paper, the functional and security requirements such as availability, security, and privacy, and present several design options for building secure encounter based social networks are explored.

  - **Project : Detecting Clone Attacks in Mobile Sensor Network**   2015
    Mobile sensor network is made up of partially shared uncontrolled sensors for watching the environmental or physical condition.Detecting replicas of mobile sensors using clustering method. Implemented in Ns2

Technical Skills

- **Programming skills**
  C, C++, java, matlab, mysql

Workshops and Conferences attended

- Workshop on Wikimedia conducted by CUSAT University, September 2014.

- Faculty Development program on Security concepts and Emerging Technologies, November 2013.

- International workshop on Cloud Computing by Microsoft IIHT, march 2012

- Workshop on Vulnerability Exploits Defense technique on computer networks, by Mirox Cyber Security and Technology Pvt Ltd., September 2012.

Key Achievements and Learning

- Completed a certified course of Infosys Campus Connect at SCMS School of Engineering and Technology.

- Taken classes and lab sessions at IGNOU University