ARCHANA.L,
5-Sathanan Ambalam Street,
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Periyakulam(Tk),
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TamilNadu.   **Email id**: archanamtech.90@gmail.com
                                                 Contact No: 9688941427

CAREER OBJECTIVE

Seeking for the position of Assistant Professor in an organization where I can aim at excellence through hard work, dedication and honesty in the challenging environment.

PROFESSIONAL EXPERIENCE

- Working as a Assistant Professor in Mary Matha College of Arts and Science, Periyakualm from 2nd July 2018 to till date.
- Working as a Lecturer in Mary Matha College of Arts and Science, Periyakualm from December 2015 to April 2017.

EDUCATIONAL QUALIFICATION

- Completed **M.Tech(Computer Science and Engineering)** in Kalasalingam university, krishnankoil with **8.29 CGPA**.
- Completed **B.E(Computer Science and Engineering)** in Theni Kammavar Sangam College of Technology, Theni with **76.56%**
- Completed **HSC** in Govt.Hr.Sec.School, Vadugapatti with **77.75%**
- Completed **SSLC** in Govt.Hr.Sec.School, Vadugapatti with **85.60%**

ACADEMIC PROJECTS

Project Done in P.G

Project Title	: A Secure Erasure Code-Based Cloud Storage System
Language used	: Java Beans
Database used	: MySQL Server 6.0
Tool used	: Eucalyptus

Description

A cloud storage system, consisting of a collection of storage servers, provides long-term storage services over the Internet. Storing data in a third party's cloud system causes serious concern over data confidentiality. To construct a secure cloud storage system, a proxy re-encryption method and integrate it with erasure code is proposed. The most technical contribution is that the proxy re-encryption method supports secret

encoding operations over encrypted messages yet as forwarding operations over encoded and encrypted messages.

Project Done in UG

Project Title   : A Secure Routing Protocol Against Byzantine Attacks for MANETs

Language used   : C#.NET

Description
    To secure a mobile ad hoc network (MANET) in adversarial environments, a particularly challenging problem is how to feasibly detect and defend possible attacks on routing protocols, particularly internal attacks, such as a Byzantine attack. The integrated protocol called Secure Routing Against Collusion (SRAC) is proposed to detect the internal attacks by using both message and route redundancy during route discovery. It also develops an optimal routing algorithm by combining both trustworthiness and performance.

PROFESSIONAL SKILL SET

Programming languages: C, C++, Java and .NET.

AREA OF INTEREST

Cloud Computing, Principles of compiler design, Cryptography & Network Security.

CO-CURRICULAR ACTIVITIES

Paper Presented in the National Conference
- Presented a paper on **A Secure Cloud Storage with Data Forwarding Using Erasure Code in** the **National Conference on Frontiers of Computer Science and Computation Technologies 2013** at Sri Ramakrishna Engineering College, Coimbatore.

Paper Presented in the International Conference
- Presented a paper on **Erasure code based cloud storage system** in the **International Conference** on **Innovative Trends in Computing and Technology** at The Rajaas Engineering College, Vadakkankulam.

Seminar Attended
- Two days National Seminar on "**Emerging Trends in Distributed Computing**" organised by department of CSE-Kalasalingam University, Krishnankoil.

Conference Attended
- National conference on "**Intelligent Techniques in Control Optimization and Signal Processing**" at Kalasalingam University,Krishnankoil.

EXTRA CURRICULAR ACTIVITIES

- Won first prize in shotput.
- Member of CSI

PERSONAL PROFILE

Date of Birth	: 10-05-1990
Father's Name	: M.Lakshmanan
Father's Occupation	: Ex-CRPF
Gender	: Female
Marital status	: Married
Permanent Address	: 5-Sathanan Ambalam street T.Kallipatti(po), Periyakulam(Tk), Theni(Dt).
Hobbies	: Playing games, Cooking.
Languages known	: Tamil and English
Nationality	: Indian

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: T.Kallipatti

Yours truly,

(L.Archana)