

## **Rafidha Rehiman K.A**

Lecturer on Contract

Department of Computer Applications

CUSAT

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**Area of Specialization:** Cryptography and Network Security, Operations Research

### **Educational Background**

- Currently Doing Research work in Computer Science Karpagam University Under the Guidance of Dr.S.Veni, Karpagam University, India.
- Masters Programme : **MTech Information System Security( 85%)**  
RECT IGNOU, Rajagiri College (2013)  
**MCA (71 %)**  
M.E.S College Marampally (2005)  
(Affiliated to MG University)
- Graduate Programme : **Bsc Mathematics (75%)**  
St Joseph' s College Irinjalakuda (2001)  
(Affiliated to Calicut University)
- Pre-Degree : **Ist Group (60.4%)**  
St Joseph' s College Irinjalakuda (1998)
- Matriculation : **SSLC (81%)**  
L.F.C.G.H.S Irinjalakuda (1996)

### **Experience :**

Presently working as contract lecturer in the Department of computer applications, Cochin University of Science and Technology, Cochin (2007 December onwards).

Guest Lecturer (July 2007 – November 2007): Department of computer applications, Cochin University of Science and Technology, Cochin.

Guest Lecturer (March 2007 – April 2007): MSc Software Engineering, Cochin University of Science and Technology, Cochin.

Technical Assistant (November 2006 – February 2007): Department of computer applications, Cochin University of Science and Technology, Cochin.

Guest Lecturer (June 2005 – January 2006): G.V. H. S. S Thrikkakara.

Programmer (January 2005 – May 2005): Unitech Software Solutions, Alwaye.

**Achievements:**

1. **Organizing Committee member of INC '09**, Inter National Conference on Innovations in Natural Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.
2. **Organizing Committee member of NCILC 2011** National Conference on Indian Language Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.
3. **Organizing Committee member of NCILC 2012** National Conference on Indian Language Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.
4. **Organizing Committee member of NCILC 2013** National Conference on Indian Language Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.
5. **Organizing Committee member of NCILC 2014** National Conference on Indian Language Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.
6. **Organizing Committee member of NCILC 2015** National Conference on Indian Language Computing, Organized by Department of Computer Applications, Cochin University of Science and Technology, Cochin.

## Research Publications :

1. Kannan Balakrishnan, Sherly K.B , Rafidha Rahiman K.A, Prediction of Melting Point using Neural Network Classifiers KNN and K\*, Proceedings of national conference on Computational Chemistry 2009 , M.A College Kothamangalam.
2. Rafidha Rahiman K.A, Kannan Balakrishnan, Sherly K.B, Using neural network classifiers for predicting the Melting Point of Drug – Like compounds, Proceedings of national conference on Soft Computing 2010 , Marian College Kuttikanam.
3. Rafidha Rahiman K.A, Kannan Balakrishnan, Sherly K.B, Using neural network classifier Support Vector Machine Regression for the prediction of Melting Point of Drug – like compounds, ICETECT 2011– IEEE Conference, St. Xavier’s Catholic College of Engineering, Chunkankadai, Nagercoil.
4. Rafidha Rehiman K A, Anju Mathew K, A Sreekumar, A Survey of Machine Translation approach to enhance National Security, NCILC 2012 National Conference on Indian Language Computing, Organized by Department of Computer Applications, CUSAT.
5. Phil Antony Mingo , Rafidha Rehiman K A, Kannan Balakrishnan “An autonomous framework for classifier selection using WEKA” IJECS Volume 2 Issue 3 March 2013 Page No. 696-703.
6. Rafidha Rehiman K A, Keerthy A S, Lakshmi K S, A Sreekumar, Language Identification and conversion system for security, NCILC – 2013, published in CSI digital library.
7. Rafidha Rehiman K A, Lakshmi K S, “A secret sharing scheme and national security enhancement through natural language processing”, International Journal of Computer Science and Engineering ( IJCSE ), ISSN 2278-9960, Vol.2, Issue 3, July 2013, 47-52 c IASET.
8. Rafidha Rehiman K A, Dr. S. Veni, “Security , Privacy and Trust for Smart Mobile devices in Internet of Things – A Literature Study”, International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), volume 4, Issue 5, May 2015