**R.Sunitha Jeyasekhar**

Researcher, Email ID: [sunitharobert@gmail.com](mailto:sunitharobert@gmail.com)

King Saud University Mobile : +966546181622

**Objective:**

To strive for academic excellence and impart quality education with emphasis on computer science and application and to gain exceptional career move ahead through long efforts and performance regularity.

**Summary of Qualification:**

* Having **7 years of experience** in Research and Teaching.
* Involve in a research projects like Content Based Image Retrieval and Arabic typography readability using Eye Tracking technique.
* Experience in teaching computer science courses including, data structures and algorithms, Programming languages, Operating Systems, Software Engineering, Computer Architecture.
* Perfect knowledge about the common job duties of a lecturer and ability to perform them efficiently.
* Familiarity with the general administrative environment at educational institutes and idea about their practices
* Highly innovative in depicting the subject matter to the students/audience, using traditional methods as well as modern aids
* Result oriented & efficient with strong interpersonal skills & excellent communication skills.

**Experience:**

* June 2009 -Till date

**Researcher** in the IT Department, King Saud University,Riyadh

* June 2008 – April 2009

**Lecturer** in Computer Science & Application, S.S.Shasun Jain College for Women, Madras University, India

* Jan 2007 – June 2008

**Faculty** in IT Department, Digiterati, India

* April 2003 – Dec 2007

**Software Faculty**, India

**Academic Qualification:**

1. **Master of Philosophy in Computer Science**

Madurai Kamaraj University, Madurai,

India.

1. **Master of Science in Information Technology**

KCG College of Technology,

Madras University, Chennai,

India.

1. **Bachelor of Science in Computer Science**

KSR College of Arts and Science,

Periyar University, Namakkal,

India

**Area of Research:**

* Content Based Image Retrieval system design.
* Optimization Techniques

**Publications:**

1. Sunitha Jeyasekhar, Sihem Mostefai**, “ *Towards Effective Relevance Feedback Methods in Content Based Image Retrieval Systems*”**. Accepted for presentation in the International Conference on Information and Multimedia Technology [ICIMT](http://www.icimt.org/) 2010, Dec 28, 2010 Hong Kong; Published by IEEE,and indexed by Thomson ISI Proceedings (ISTP)
2. Sihem Mostefai, Sunitha Jeyasekhar**, “*Improved CBIR through Combined Indexing Techniques*”**. Accepted for presentation in the International Conference on Information and Computer Applications,ICICA 2011, Mar 18,2011,Dubai;Published by IEEE.
3. Remya George, Rasiya Anwar, **Sunitha Jeyasekhar**. "***Eye Tracking in eLearning: Challenges and Future Research"***. Accepted for presentation in the International Conference on Information and Multimedia Technology [ICIMT](http://www.icimt.org/) 2010, Dec 28, 2010 Hong Kong; Published by **IEEE**CPS, indexed by Thomson ISI Proceedings (ISTP)

**Poster Presentation:**

* Rasiya Anwar, Remya George, **Sunitha Jeyasekhar**.”Seeing through the students Eyes-Insight from Tracking the eye movements of Students in the e-Learning Systems”. Presented at the International Conference on Teaching and Learning as Tools of progress in Higher Education,conducted by Prince Sultan University, Jan 16-17, 2011.

**Thesis:**

* Text Mining Tools for Knowledge Management

**Certification**:

* Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0(SCJP 5.0)

**Technical Skills:**

Programming Language: C,C++,Java

Database Technology : SQL, Oracle, MS-Access.

Packages : MS-Offices

**Additional Skills:**

* Administratorfor the **Computational Intelligence Research Group** in CCIS, KSU

**Address:**

Current Address: College of Computer and Information Sciences,

Dept of Information technology, King Saud University,

P O Box 22452

Riyadh 11495

Saudi Arabia.

**Declaration**

I hereby declare that the above statements are true to the best of my knowledge and belief.

Place : Riyadh

Date : **R.Sunitha Jeyasekhar**