



DEPARTMENT OF INFORMATION TECHNOLOGY NITK SURATHKAL

Ph.D Degrees Awarded

1. **Radhika M. Pai** under the guidance of **Prof. Ananthanarayana V.S**

Title of Thesis: [Abstraction Based Efficient Algorithms for Clustering Large Data Sets](#)

(Recipient of National Doctoral Fellowship: 2004-2007)

2. **Santhi Thilagam** under the guidance of **Prof. Ananthanarayana V.S**

Title of Thesis: [Abstraction and Knowledge Based Mining of Inter Database Association Rules](#)

(Recipient of Best Thesis Award, 2009)

3. **Preetham Kumar** under the guidance of **Prof. Ananthanarayana V.S**

Title of Thesis: [Quantitative Association Rule Mining](#)

4. **Demian D'Mello** under the guidance of **Prof. Ananthanarayana V.S**

Title of Thesis: [Broker Based Architecture for Dynamic Web Service Selection & Compositions](#)

5. **Poornalatha G** under the guidance of **Prof. Ananthanarayana V.S & Dr. Prakash Raghavendra, HP**

Title of Thesis: [Web UR - Effective Techniques for Web Usage Mining and Recommender System](#)

6. **Megha P Arakeri** under the guidance of **Prof. G. Ram Mohana Reddy**

Title of Thesis: [Development of CAD System for Detection, Classification, Retrieval and 3D Reconstruction of Brain and Liver Tumors on MRI and CT Images](#)

7. **Kiran M** under the guidance of **Prof. G. Ram Mohana Reddy**

Title of Thesis: [Bio-Inspired Quality of Service Aware Routing in Mobile Ad Hoc Networks](#)

8. **Roopalakshmi** under the guidance of **Prof. G. Ram Mohana Reddy**

Title of Thesis: [Content Based Video Copy Detection, Tracking and Identification of Movie Pirates](#)

9. **Neelima B** under the guidance of **Prof. G. Ram Mohana Reddy**

Title of Thesis: [Data & Computation Mapping and Communication Optimization for GPUs](#)

10. **Alwyn Roshan Pais** under the guidance of **Prof. G. Ram Mohana Reddy, Dr. John D'Souza** (ECE Dept, NITK) and **Prof. Subhasis Chaudhuri** (EE Dept, IIT Mumbai)
Title of Thesis: [Generation of Super Resolution Video Object Planes](#)

11. **Melwyn D'Souza** under the guidance of **Prof. Ananthanarayana V.S.**
Title of Thesis: [Decentralized Registry Based Web Service Architecture For Location Based Services](#)

12. **Sowmya Kamath S** under the guidance of **Prof. Ananthanarayana V.S.**
Title of Thesis: [DWDS - A Scalable, Context-aware Framework for Distributed Web Service Discovery using Semantics](#)

13. **B R Chandavarkar** under the guidance of **Prof. G Ram Mohana Reddy**
Title of Thesis: [Optimizing Mobility Management in MIPv6 for Heterogeneous Networks](#)

14. **Pushpalatha K** under the guidance of **Prof. Ananthanarayana V.S.**
Title of Thesis: [Effective Multimedia Document Representations for Knowledge Discovery](#)