Dissertations/Thesis Advisor:


34. Development of a Clique-based Dimensionality Reduction Technique and its Applications to Gene Expression, Masters in Computer Science Thesis; Student: Kankana Shukla (2014)

33. Classification of Diabetes Maculopathy Images based on Data-adaptive Neuro-Fuzzy Inference Classifier, Masters in Computer Science Practicum; Student: Sulaimon Ibrahim (2013)


30. Folksonomy based Ad Hoc Community Detection in Online Social Networks, Masters in Computer Science Thesis; Student: Vasanth Raghu Nair (2012)


27. Associative Pattern Mining for Supervised Learning; Ph.D. in Computational Analysis and Modeling Dissertation; Student: Harpreet Singh (2010)

26. Unsupervised Similarity Mining in High Dimensional Data; MS-CS Thesis; Afolabi Olomola (2010)


23. Integrated Mining of Feature Spaces for Bioinformatics Domain Discovery, Ph.D. in Computational Analysis and Modeling Dissertation; Student: Pradeep Chowriappa (2008)


18. Protein Structural Classification using Mining of Frequent Patterns in Concave Protein Surfaces; MS-CS Thesis, Student: Shirin A. Lakhani (2007).


Transformation and Class-Association Rules; MS-CS Thesis; Student: Praveen C. Kidambi (2006)


09. Web-Based Online Appointment Manager with Data Mining Capabilities; MS-CS Practicum; Student: Venkat Praveen Medikonda (2005)

08. Dihedral Angle based Dimensionality Reduction and Accurate Classification of Protein Structures; MS-CS Thesis; Student: Naveen Kandiraju (2005)

07. Fast Protein Structure Classification using Spatial Aggregation of Orthonormal Coefficients; MS-CS Thesis; Student: Ravi Kanth Meka (2005)

06. Relevant Feature Extraction using Gene Ontology for Cancer Classification; MS-CS Thesis; Student: Vijay Raj Kukkala (2005)

05. Computational Identification of Tumor Gene Markers using Novel Dimensionality Reduction and Unsupervised Classification Techniques; MS-CS Thesis; Student: Kaustubh Sabinis (2004)

04. A Visual Data Mining Framework for Similarity Search in Large Sequential Databases; MS-CS Practicum; Student: Sunil Gokak (2004)


01. Integrating image and text for heterogeneous data mining in Biomedical Informatics; MS-CS Practicum; Student: Vinay Manava (2003)