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| Name | Supervisor Name | Thesis Title | Abstract of Project |
| NWE YIN WIN  (2015) | Dr. Thin Thin Naing | Implementation of items Allocation Problem by using Bin Packing Algorithm | This system applies one-dimensional bin-packing algorithms for an item allocation problem. This system applies three types of product of purified drinking water delivery. A well-known one-dimensional bin packing problem solves for minimum number of bins to pack ’N’ items subject to various sizes; an item should be accommodated in a single bin. |
| THET WAI PHYOE MYINT  (2015) | Dr.Thandar Aung | Web Page Structural Clustering Using TDSCAN Algorithm | A cluster is a collection of data objects that are similar to one another within the same cluster and are dissimilar to the objects in other clusters. Clustering is the task of grouping a set of objects in the same group, called cluster, in data mining. It is also a very powerful technique for topic discovery from text documents. |
| MA NO NO KO MYINT  (2015) | Dr. Saw Thandar Myint | Reducing Pesticides Amount for Crops Using SEMI-EMPIRICAL And Linear Regression | Reducing the impact of pesticides on human health system is designed and implemented. The system will be used especially in human health protection. According to the World Health Organization(WHO) pesticides are the most dangerous and persistent organic chemicals to human. |
| HNIN YU AUNG  (2015) | Dr.Zarni Sann | Simulation of Location Information Using Location-AIDED Routing Algorithm In Mobile Ad HOC Network(MANET) | A mobile ad hoc network hosts that may move often. Movement of hosts results in routes, requiring some mechanism for determining new routes. This system finds location information using Location-Aided routing algorithm |
| CHAW SU HLAING  (2015) | U San Lin Aung and  Former supervisor  Dr. Mya Thet Saw | Congestion Control In Computer Network Using TCP RENO | Congestion control is concerned with allocating the resources in a network such that the network can operate at an acceptable performance level when the demand exceeds the capacity of the network resources. These resources include bandwidths of links, buffer space(memory),and processing capacity at intermediate nodes. |
| MYAT PYAE PHYO HTIKE  (2015) | Dr. Zarni Sann | Forecasting Stock Share Prices Using QUASI-NEWTON Algorithm In Artificial Neural Network | This system is based on historical data such as investment income, stock sale income, net income, and number of shares, total’s liabilities of past time. In this system, neural network is used to forecast future stock share price. This system has used four years(2008,2009,2010,2011)training data and tested one year(2012) that stored in SQL database. |
| MOE MOE THU  (2015) | Dr.Swe Zin Aung | Sentence Extraction Using Coherent Chunk And Text Ranking Method | Automated summarization is an important area in Natural Language Processing (NLP) research. Most of the summarization is based on extraction of sentences from the original document. In this system, political news is used to summarize. |
| NYO ME TUN  (2015) | Dr. Thi Mya Mya Swe | Identifying Type of Disease On DNA Sequences Using Three Pattern Matching Algorithms | Pattern matching is commonly used in computer science and information processing such as text editor in computing , database queries, bioinformatics, language syntax checker, music content retrieval, DNA sequences matching, search engines and many more applications. |
| ZIN WAI HTET  (2015) | Daw Myint Myint Maw | Secure Message Transmission Using Elliptic Curve Digital Signature Algorithm  (ECDSA) | Data security is needed for storing communication data and for ensuring that the source of the message has not altered. Message transmission over the internet can be altered. To solve this problem, digital signature is used to detect unauthorized users from modification of the data and also to authenticate the identity of the signatory. |
| SU MON HAN  (2009) | Daw Kalar Maw Thein Aye | Applicant Admission for Public Nursery School System Using AHP | Analytic Hierarchy Process (AHP) is one of the most widely used in solving Multi-Attribute Decision Making (MADM) problems. The AHP is a decision support tool which can be used to solve complex decision problems. In this thesis we develop the system which will support the operational activities in the Applicant selection function. An application of AHP for admission procedure in public nursery school system is presented in this thesis. The specific problem under consideration is selection of applicants for public nursery school system. In this system , the selection of applicants is supported by AHP. This system will be implemented by C# programming language. |