Attribute-based encoding (ABE) is a public-key supported one-to-many encoding that permits users to code and decode knowledge primarily based on user attributes. A promising application of ABE is versatile access management of encrypted knowledge hold on within the cloud; exploitation access polices and ascribed attributes related to personal keys and cipher texts. As more sensitive data is shared and stored by third-party sites on the Internet, encryption is needed for data stored at these sites. Main drawback of existing encrypting technique is that it can be selectively shared only at a coarse-grained level (i.e., giving another party your private key). This system develops a new concept for fine-grained sharing of encrypted data that we call Key-Policy Attribute-Based Encryption. We presented the cipher text-policy attribute-based encryption systems that are efficient, expressive, and provably secure under concrete assumptions. Also this system proves the security of our system from three static assumptions. By using an Encryption/Decryption standard our distributed secure computation system shows that our approach seamlessly integrates security enforcement at the user intensity with a certain trust level. Hence a system is proposed so as to define as strategy to check the unique attribute based encryption using proxies and outsourced decryption. We have a tendency to show an implementation of our theme and results of performance measurements, that indicates a major reduction on computing resources obligatory on users. Within the projected system the analysis and accuracy of the attributes area unit copied so as to produce higher encryption/decryption strategy whereas transferring knowledge from supply to destination (Ref: Saravanan K, Manikannan K. Attribute Based Data Encryption and Outsourced Decryption with Verifiability. Discovery, 2015, 30(133), 327-332), (Image: http://vmstexas.com/).
**ANALYSIS ENGINEERING**

**All in one Recruitment Process**

Nithya LM, Vineeth R, Priyanka K, Srimathy G

This project is aimed at developing a web-based and central recruitment Process system for the HR Group of any particular company. Some features of this system will be creating vacancies, storing application data, and interview process initiation, scheduling interviews, storing interview results for the applicant and finally hiring the applicant. Reports may be required to be generated for the use of the HR group. This project 'All In One Recruit' is an online website in which jobseekers can register themselves by attending the registration exam in aptitude. So a jobseeker will register only after clearing the Aptitude Test. After the registration they can search and apply for the Jobs in that particular company. And this project will reduce the manual work on HR correcting the Test, short-listing the candidates, informing the candidates and so on.

*Discovery*, 2015, 30(133), 317-320

**Neural Network Based Parking via Google Map Guidance**

Balamurugan R, Saranya A

Intelligent transportation systems (ITS) focus to generate and spread creative services related to different transport modes for traffic management and hence enables the passenger informed about the traffic and to use the transport networks in a better way. Intelligent Trip Modeling System (ITMS) uses machine learning to forecast the traveling speed profile for a selected route based on the traffic information available at the trip starting time. The intelligent Parking Information Guidance System provides an eminent Neural Network based intelligence system which provides automatic allocation of parking's through the Global Information system across the path of the users travel. In this project using efficient lookup table searches and a Lagrange-multiplier bisection search, Computational Optimized Allocation Algorithm converges faster to the optimal solution than existing techniques. The purpose of this project is to simulate and implement a real parking environment that allocates vacant parking slots using Allocation algorithm.

*Discovery*, 2015, 30(133), 321-326

**Attribute Based Data Encryption and Outsourced Decryption with Verifiability**

Saravanan K, Manikannan K

Attribute-based encoding (ABE) is a public-key supported one-to-many encoding that permits users to code and decode knowledge primarily based on user attributes. A promising application of ABE is versatile access management of encrypted knowledge held on within the cloud; exploitation access policies and ascribed attributes related to personal keys and cipher texts. As more sensitive data is shared and stored by third-party sites on the Internet, encryption is needed for data stored at these sites. Main drawback of existing encrypting technique is that it can be selectively shared only at a coarse-grained level (i.e., giving another party your private key). This system develops a new concept for fine-grained sharing of encrypted data that we call Key-Policy Attribute-Based Encryption. We presented the cipher text-policy attribute-based encryption systems that are efficient, expressive, and provably secure under concrete assumptions. Also this system proves the security of our system from three static assumptions. By using an Encryption/Decryption standard our distributed secure computation system shows that our approach seamlessly integrates security enforcement at the user intensity with a certain trust level. Hence a system is proposed so as to define as strategy to check the unique attribute based encryption using proxies and outsourced decryption. We have a tendency to show an implementation of our theme and results of performance measurements, that indicates a major reduction on computing resources obligatory on users. Within the projected system the analysis and accuracy of the attributes area unit copied so as to produce higher encryption/decryption strategy whereas transferring knowledge from supply to destination.

*Discovery*, 2015, 30(133), 327-332