

Investigating the Links to Improve Student Learning Skills

Dr P Vijaya Banu

Introduction:

“Educationists should build the capacities of spirit of inquiry, creativity, entrepreneurial and moral leadership among students and become their Role Model ”

-A.P.J.Abdul Kalam

The Education System Which was evolved first in ancient India IS known as vedic system,. The importance of Education was well recognized in India ,swadeshe Pujyate raja, kidwan sarvatra pujiyate “ A King is honoured only in his our country , but one who is learned is honoured throughout the world ” The Ultimate aim of education in ancient India was knowledge as preparation for life in this world or for life beyond , but for complete realization of self . The Gurukul system fostered a bond between the guru & shishya and established a teacher centric system in which the pupil was subjected to a rigid discipline and was under certain obligations towards his teacher.

The world’s first university was established in Takshila in 700 BC, a greater achievement and contribution of ancient India in the field of education. Science and technology in ancient and medieval India covered all the major branches of human knowledge and activities. Indian Scholars like charaka and susruta ,Aryabhata , Bhaskaracharya , chanakya , patanjali and vatsayayna and humorous other made seminal contribution tom world knowledge in such divers field as mathematics astronomy physics medical science and surgery , fine arts mechanical and production technology ,civil engineering and architecture, ship building and navigation ,sports and games .The Indian education system helped in Preserving ancient culture and promoting cultural unity and infused a sense of responsibility and social values .The ancient Indian educational system has been a source of inspiration to all educational system of the world.

Present world is changing at a rapid rate. The generation of new information Knowledge is accelerating at an alarming rate. Psychologists, Educationist, and Researchers felt that individual differences among students are so extreme and unique that have a particulars way to make learning. Hence ,there is an urgent need to examine each individual learner living in different type of environment to identify exactly how he or she is likely to learn most effectively .To know about students (how ,when ,what and where –they learn best)is very much helpful to be aware of their learning process. No two Persons have the same perception about world as the individual’s cognitions thinking reflect his own environment, his wants, his goals, his experiences etc.

The phenomenon of the process of learning in a classroom context or in open life situation is characterized by its individual nature. The activities by teacher in the classroom are to direct and stimulate student –learning. Students learn by using /performing his individualized tactics techniques and strategies in learning. It is essential for the various learning styles of students to improve the effective of teaching –learning process.

Literature Review:

The Premier work carried out by different researchers in the present research area is enlarged as under.

Khamkar,S.B

The study concluded that the quality of education not only depend upon the curriculum infrastructure ,aims , goal ,and mission, but it also depends upon the art of creating ,shaping human capital in to accountable, socially responsible , reliable individuals responsible to the on the whole.

Sindhvani , A and Kumar R

The study recommended that education can be used to infuse human values among students so as to make the world as a place of peace, security and prosperity.

Sain, S.K and Kaware, S.S

The study inferred that there would be a continuous evolution of various kinds and generation of technology which would serve as Prime enabling factors in dissemination of instructional material as well as providing for interaction between students and teachers separated by geographical distance.

Patel .J.I

The study emphasizes that the Indian education system should be learning –centric rather than exam –centric. The students should be made to interact in groups and express from gaining knowledge from the lectures and voluminous books .Moreover, the students must be allowed to choose subjects according to their interests

Shah (1978)

Conducted the study with the main objectives as follows:

- (1)To find out the relationship between Self -Concept and academic achievement
- (2) To find out whether girls as a group indicated higher Positive Self –Concept.
- (3)To see whether there was any significant difference in the Self –Concept of Pupils of graders IX & X.

The sample consisted of 718 pupils (368 boys and 350 girls). The aggregate marks scored in academic subjects at the annual examination converted into T-scores were used as the measure of academic achievement .The major findings of the study were:

- 1) There was no significant co –difference in Self –Concept at grade IX while the same at grade x was significant.
- 2) There was no significant difference b/w the mean score on the Self –Concept of pupils studying in graders Ix & x.
- 3) The Relationship between Self –Concept and academic achievement was significantly positive.

Technology Used:

Data Mining

Data mining is the computer-assisted process of analyzing the data and then extracting the meaning of the data and predicted. Data mining tools predict the future trends, allowing lots of field to make proactive, knowledge-driven decisions. Data mining tools can answer statistical questions that traditionally resolve the problem of statistical analysis. They reuse the databases and predict the valuable hidden patterns, finding predictive data that experts the advice for the analysis. Data mining is identify from the similarities between searching the important information in a large database and mining a valuable things

Data Warehousing

Data mining potential is used for enhanced data that are collected and stored in a data warehouse. A data warehouse is called as a relational database management system (RDMS) designed specifically for transaction processing systems. It can be loosely defined for the queried for business benefit. Data warehousing is a new powerful technique making it data to extract a possible and archived operational data and overcome database into some formats. Differentiating data throughout communication requirements it is possible to incorporate additional or expert information.