Literature review:

Stphanie W.Cawthon(2009):

This paper are describe how we can implement accommodation. it include the changes to administration of the test, extended time, change test item impact of this accommodation is on student with disabilities. This paper also some kinds of term theoretically basis for validation and accommodated assessment factor that affect impact of accommodation. And extending time . this paper mostly describe significant challenges and opportunity to integrating multiple construct

S.K.Nayak and Dr. Kalyankar.N.V(2010) :

This paper focuses on the childhood education in rural india , 21 century is the century of hi tech. It compromised with IT , ICT , BT & Nano technology traditional learning faced many problems but in now days internet plays important role in E- learning cloud based e-learning no limitation or area and time due to there characteristics share any time any where . ICT development has changed learning process this paper describing issue and approaches of e-learning in India and how we can developed childhood education in issue India . in this paper describe limitation of e-learning and strategy to solve this problem.

Harjit Singh Lamba and Gurudev Singh(2011):

This paper describing education cloud for the E-management of NGO’s . cloud computing provide four services Iaas in this type of service Amazon offers S3 for storage EC2 for computing power and SQA for network communication

Dinesha H A and DR.V.K Agrawal(2011):

This paper focuses on implementing advance technology tools in rural education. In rural area few school are well facilitate . but lack of school do not provide proper education due to insufficient resources , lack of expenses and insufficient knowledge . this paper describe virtualization technology to solving traditional learning problem . which provide virtual desktop, virtual storage . in virtualization is the integrating multiple core into a single die. this paper also describe “moodle” it stand for modular object oriented dynamic learning environment. Daas offering database as service
SaaS offer software packages to be purchased by individual customer and PaaS offer facility to support entire application development life cycle. NGO educational cloud introduce the functionality of cloud computing to improve educational methodology including school ERP, E-learning, virtual classroom, school portal, university portal, and university ERP. Educational cloud provide many beneficial aspect elasticity, reliability, quality of services are non functional aspect and technical aspect. This paper describe the kaligidhar trust is multifaceted, non-profitable charitable organisation working for rural education and cloud computing providing effective solution to achieve goal of quality education.

Lincy Meera Mathews and Dr. Bandaru Rama Krishna Rao (2012):

This paper describe components of rural education system. In current scenario education system in village facing many problems open space learning, less infrastructure, less amount of knowledge and equipment. This paper describe feasible rural education system. Semantic web based education system explain use case scenario to understanding difficulties of a student from rural background.

Swati Vitkar (2012):

This paper introduce a new paradigm of higher education and also explore the potential of cloud computing it improve the traditional model or learning using cloud base learning to design, implement, select, manage, support, & Extend learning. In cloud architecture define two things service consumer & service creator. Cloud service consumer need to protect anytime anywhere access cloud computing architecture define the capability of virtualized infrastructure. This paper also describe benefits & limitation of cloud computing and various security issues.

Bhruthari G.Pund et al. (2012):

This paper describe new agenda of cloud based E-learning and also presenting case study of educational cloud. This paper concerning many beneficial aspect about cloud based E-learning. It reduces cost of hardware, licensing cost, user can only paying individual software cost and also avoid time, cost patches and update. It also provide flexibility and accessibility of resources over internet. In this paper describing five layer of E-learning architecture infrastructure. Resource layer it is base layer that IT infrastructure resources. And also share hardware resources secure and scalable way.
second layer of architecture is software resources layer. This layer composes operating system and middleware. Many developer can develop application base software and embedded in the cloud. third layer of architecture is resource. Management function of this layer to manage the software and hardware resources. fourth layer s service layer are categorise into three services SaaS, PaaS, IaaS and last layer of this architecture is application layer. it is application of integration and maintain all teaching resources .this paper also explain grid computing concept.

D.kashi Vishwanath et.al.(2012):

This paper describing feasible E-learning using cloud. this paper conclude many aspect about cloud computing . it is promising pathway of education system providing many services like SaaS,PaaS,IaaS. E-learning cloud computing business model facilitate three things. cloud providing building ,maintain the cloud and cloud user can access this cloud on demand using E-learning cloud.some security, privacy, reliability, legal and compliance issues are discuss here and there possible solution are also finding using encryption of data

Samarsinh Jadhav and Sarika Bodake(2012):

This paper describe utilization of resources using cloud computing to enhance the E-learning system. This paper focuses on resource stability and utilization. Cloud computing application combine distributed computing and grid computing, web 2.0, virtualization, IaaS, PaaS, SaaS, MSP. This paper also describe system architecture of cloud computing divided into three layer. Access layer permit access permission, shared service interface layer shared resources on cloud network and based management system layer to maintain resource pool and physical resource.

Odunik SA et.al.(2012):

Internet is the best medium of learning system it is not only use for learning . it is also useful in business, research, institution,. Now day we are not need to go any where to gain information. We can collect glob information using internet. This paper introduce to transforming education and opportunities around the glob by allowing different kind of interaction this. Paper also describe the promise of cloud computing could be employ to enhance or mitigate the challenges poised to E-learning has
recorded a slow growth the rural area. Its implementation is plugged by server sustainability.

**Nisha gautam and Dr. Manu Sood(2012):**

Now day government can doing much expense is very low due to requirement of much resources. Now day we want to pay high cost of any service for that purpose author can introduce new paradigm that is cloud computing. this paper frame a website on the basis of SRS and checked inter operatability among the different services through SOA. This paper conclude how we can implement cloud base E-learning in university to make learning powerful and reduces a cost of service.

**Devajit Mahanta, Majidul Ahmed (2012)**

According to this paper author suggest the working of e-learning objectives, methodologies and limitation of e-learning. The author utilizes their knowledge to find the solution on e-learning limitations and they also work on e-learning tools. They gives us the overall world are connected to internet ie- teaching are easy to electronically form. They fruitfully gather knowledge and education both by synchronous and asynchronous methods. They conclude in this research, it is helpful for ICTS, Vida Conformity, Students and educators etc.

**Aashita jain and Sonal chawla (2013):**

This paper describe terms of cloud computing and E-learning using cloud network. cloud computing technology is use for designing E-learning technique. this paper can describe cloud base E-learning model. like abstract model and cloud computing architecture. As compare to traditional learning cloud computing will essentially allow for delivery of learning resources anytime anywhere.

**Utpal Jyoti Bora and Majidul Ahmed(2013):**

This paper describe cloud computing benefits for organisation cloud computing is adoptable technology for educational organisation providing usage of virtualized resources as a service through the internet. There are many educational institution in rural area cant offered investment but cloud computing provide a solution for that institution cloud computing provide resources any where any time. This paper describe benefits of cloud computing for both teacher & student and also describing
services of cloud like Saas, Paas, Iass and deployment strategy of cloud like- private, public and community cloud.


This paper describe uploading and downloading high resolution video using dynamic chunk size method to effectively stored data without interrupt and without wastage of memory. This paper also describe security issues, less consumption of bandwidth using dynamic chunk size method divide the file size into different size of chunk to load of the server it is helpful to stored data effectively. the first step of E-learning is downloading video this video user can access easily at the time of video streaming they check the HSF value of block. this upload time analyses and download time analysis.

Pranay Kumar et.al.(2013):

This paper describe various application of cloud computing which will help to student, staff, trainer and also institution to improve rural education system. This paper also describe some approaches of E-learning service. Like E-learning program based on computer, computer based training and effective approach is computer supported collaborative learning approach CSCL focuses on behaviour of student in classroom, sharing of information

R.kamala, E.ramganesh, (2013)

In this paper describe effective to contribute of cloud computing in education in various method. Cloud computing offer more beneficial and reliable services to user like high returns on investment, reduces maintenance cost, flexible infrastructure etc. this paper also describe many application that regard to improve educational environment. Amazon cloud service are the most extensive cloud service to provide resizable compute capacity. Microsoft educational cloud computing are of about power of choice. A hybrid model of resources it also provide ability to use same Microsoft technology in the educational institution. Microsoft@edu it is popular browser to support tools for student as well as researcher. Another popular application of cloud is GAE (Google Application for Education) it is more popular for sharing educational idea for staff, teacher, student it available on free of cost. This paper also describe IBM cloud services it offers design to help education system and also
provide services to faculty, student, researcher at school, collages and university. Salesforce is another pioneer application of cloud. It is trusted leader in cloud and CRM it provide big discount on educational product.

R. Kamala and E. Raganesh (2013)

This paper describe knowledge about specific learning disabilities among teacher, educator in puduchery. In classroom teaching there are all student intelligence quality are not same and also many learning disability problem are faced by student. This paper indicate proper method to reducing and knowing learning disability. Investigators developed a closed ended questionnaire which consist of 35 item four dimension were taken namely dyslexia, dysgraphia, dyscalcula and behavioral problem of specific learning disabled student.

Vaishnavi. J. Deshmukh et al. (2013):

In this paper describe the architecture or cloud computing. This paper describe method to improve current education system or traditional education system an adaptive e-learning system designed. in this paper adopt B/A/S Model namely Browser/Agent/Server Model. Adaptive E-learning System structure are build to solving the problem of integration , interexchange and demonstration of multimedia. this paper also discuss business and dataflow of adoptability test in adoptability E-learning system to compare the traditional computing and cloud computing. this paper bind the traditional learning to modern cloud based learning. Cloud based E-learning can not completely replace the teacher. it is only updating for technology. modified system architecture can combine cloud environment and institution. This paper also explain the benefits of proposed cloud architecture like, powerful computing storage capacity, high availability, high security, virtualization.

Madhumathi. C and Gopinath ganpathy (2013):

Cloud based learning provide new pathway from traditional learning to solve existing learning disabilities in rural education. This paper describe characteristics of cloud computing like any time, any where and any device. this paper also introduce how cloud computing environment is useful for universities, colleges and academic environment of school. This paper also introduce a academic framework that
addresses the services and deployment of cloud and each layer of this framework specifies component needed to academic cloud.

**Kamal Dhull(2013):**

Development of country is depends on education system of that country. Education contributes to poverty reduction and increase economical growth. This paper describe eLC model it offer software development platform for E-learning task management. eLC is based on model view controller design pattern paradigm. This paper introduce a new shared pool environment for university, colleges, and school.

**Subodh Kumar(2013)**

This paper describe behaviour disorder of children and also focus on learning disabilities. This paper conclude that while planning intervention program for children with behaviour disorder one has to take care of their learning disabilities. this paper can give new broad way of thinking about effective education which incorporate strategies for learning disabilities and behaviour disorder intervention.

**M.Sanir Abou EI-Seoud et.al.(2013):**

This paper describe effective web based education in Egypt through cloud and there positive effect on higher education. Cloud based E-learning solved the problem of transportation, high prices of traditional educational books, over crowded classroom and providing educational resources over internet in low cost. This paper also analyse growth of internet user and there purpose. individual user 46.03 % people uses internet for educational aspect in Egypt. the yearly growth rate of internet user in February 2012 is 29.37%, January 2013 is 32.49% and in February 2013 is 32.67 the annual growth rate of internet user is 11.24% cloud based E-learning enhance traditional E-learning system activities for improving learning system.

**Larib nasir et.al.(2013):**

In this paper author just want to checkout the writing skill of sample student. Then his question arising there how we can improve the writing skill of some sample student. The intervention prove to bring out significant improvement is the enhancing the writing skill of the sample student.
Faten Karim and Dr. Robert Goodwin (2013):

This paper focuses on the potential values and aspects of cloud computing as a platform for E-learning. It also categorizes how cloud computing is different from other computing. Cloud computing platforms can reduce costs, be easier to maintain, and offer benefits to end users in terms of security and compatibility. This paper also concludes that using deployment of cloud computing can improve E-learning strategies in low cost with many benefits. Because cloud computing reduces costs due to lower requirements of hardware and software and less need for site maintenance.

Victor Rigworo Kebande (2013):

In the current education system, some professional learners may not be able to attend regular classes and lectures due to their profession. For that reason, the government can start distance education, but the problem is how professional learners can prepare syllabus content in their busy lives. This paper describes how we can take distance education using cloud computing anywhere, any time. This paper explores and presents the opportunities insight derived from cloud computing architecture in distance education.

Sudhir Kumar Sharma et al. (2014):

This paper describes the benefits of cloud computing for distance education. Users can access study materials anywhere, any time, on their smartphones. Many educational institutions use cloud computing environments due to cost savings, scalability, time shifting. This paper shows the benefits of cloud computing in education as well as the challenges of cloud computing. Cloud computing provides many E-learning base solutions for students like pay by subscription based on usage, online courses, online discussion of courses, permit students to work from multiple places, no need to back up everything to thumb drive and transferring it from one device to another. Cloud computing also provides solutions for teachers like preparing online tests for students, accessing projects taken by students, providing e-content for students, communicating with students with the help of video conferencing.

C. John Paul and Dr. R. Santhi (2014):
This paper describes digital collaboration with learning services and technology to provide efficient and integrated learning systems. Least of two entities are involved in E-learning: students and trainers. Students adopt a feature of cloud-based E-learning using online courses, writing exams, sending feedback, sending projects, and trainers adopt features of cloud like dealing with the content, preparing tests, communicating, and sending feedback. This paper also describes principles of cloud computing and cloud computing layers, SaaS, PaaS, IaaS. The implementation of cloud faced many challenges, and this paper verified the use of cloud computing technology to provide smart forums and informal learning.

**Neelam Swarnkar (2014):**

This paper describes rural education in Chhattisgarh. Cloud computing will bring the change that is required to bridge the divide between rural and urban areas. Mainly, this paper shows the application of cloud computing. Users can access the resources of the cloud over the internet using tablets, mobiles, and cloud performs different applications to improve rural area lifestyle. Cloud solves the problem in education, teachers, student difficulties, student, and a huge amount of money spent on buying software. This paper also describes the health care application, Adhar card, and architecture application of cloud computing. Some limitations of cloud computing found like high-speed internet connection required. Slow-speed internet does not provide instant access.

**Meghana Jalgaonkar and Seema Purohit (2014):**

In this paper, the proposed cloud computing E-learning framework for visually disabled people faced many challenges of traditional education systems but improved it using cloud-based E-learning. But we can only think about normal people to use cloud but also solving the problem of disabled people. This paper also describes cloud-based global public inclusive infrastructure (GPII) for disabled people. The proposed framework of cloud computing helps visually blind people or low and high contrast or colour blindness. Some methods are developed to low vision and colour blindness people to learning using cloud. Like larger font size, configurable font size, option of audio, minimize the user memory, use the high contrast option in accessibility options. This paper only makes a solution for visual and cognitive disabilities people.