

## **2 Review of related literature**

### **2.1 Introduction**

A review of related literature identifies, evaluates and synthesises the relevant literature within a particular field of research. It illuminates how knowledge has evolved within the field, highlighting what has already been done, what is generally accepted, what is emerging and what is the current state of thinking on the topic. It is an overview of the previously published works on a specific topic. A literature review serves to situate the current study within the body of the relevant literature and to provide context for the reader.

### **2.2 Purpose of Review of Related Literature**

The purpose of a literature review is to:

- Provide foundation of knowledge on our topic
- Identify areas of prior scholarship to prevent duplication and give credit to other researchers
- Identify inconsistencies: gaps in research, conflicts in previous studies, open questions left from other research
- Identify need for additional research (justifying your research)
- Identify the relationship of works in context of its contribution to the topic and to other works
- Place our own research within the context of existing literature making a case for why further study is needed.

### **2.3 Researches' conducted on ICT**

- **Dash(2007)**, remarked that information and communication technology is an important instrument, which can transfer teacher-centered, book-centered learning environment into a rich student-centered environment. This new learning environment developed by ICT, called Interactive Learning Environment.

- **Jasmine Kumar (2007)**, conducted study on "professional competency of teachers and teacher educators in relation to their ICT usage" with the sample of 30 teacher educators and 50 teacher from Government, Government Aided and Aided Minority institution in Chennai city, Tamilnadu. Reported that professional competency and ICT usage are significantly related.
- According to **Jaiswal (2011)**, the teacher education system empowered by ICT-driven infrastructure can have a great opportunity to come up to the centre stage and ensure academic excellence, quality instruction and leadership in a knowledge-based society. This era of pervasive technology has significant implications for higher education. Technology allows students to become much more engaged in constructing their own knowledge.
- **Vajargah, Jahani and Azadmanesh (2010)**, found that for educational purposes ICTs can be used to support teaching and learning as well as research activities including collaborative learning and inquiring.
- **Amit Verma and Irfan (2012)**, revealed in their study that the use of ICT would make the education system more effective for university undergraduate learners. It has brought revolution in the education field. It is widely used effectively in the current education system all over the world. ICT is one of the effective mediums to impart education and it has become an exhortation in Indian education system.
- **Rajasekar and Dineshan (2013)**, ICT is a magic term in the field of education, it includes the use of technological devices for simplifying teaching-learning process. Possessing the knowledge of ICT is really the need of the hour. Especially as a teacher, the need of ICT knowledge is very much required for school teachers in order to carry out the process of teaching and learning smoothly.