

CHAPTER V

Summary and Conclusion

5.1 Introduction

Introduction of ICT in professional training colleges is a major step in the direction of ICT in preparing the next generation workers. ICT is the most significant challenge now confronting teachers, schools and teacher educators. A teacher being a pivot in the process of teaching and learning, knowledge of ICT and skills to use ICT in teaching-learning has gained immense importance for today's teacher.

In 21st century, competencies in education are seen more in line with Information Communication Technology (ICT). According to Dr. Abdul Kalam, the whole purpose of education in a country, is to develop and enhance the potential of human resource and progressively transform it into a knowledgeable society. Every nation wants to produce students who ultimately become the knowledge workers in their own economy to become global citizens. There is a need for change in each and every sphere of the society in tune with ICT. It has the ability to enhance every type of development in the society. Education is the only means to incorporate ICT in the developmental aspects of the society. ICT can be used as a tool to improve the quality of education for preparing the society and its manpower, to face the challenges of future. It requires the proper manpower to handle and use ICT in the schools in a proper way. The emerging technologies have the potential to radically transform the education system in India. Only a creative and enthusiastic teacher can incorporate the modern development of ICT in the classroom in a successful way.

All concerned with education must realize that in the fast-changing world of today, the students have to be prepared to cope intelligently with the social, economic and technological changes. The educational environment is changing rapidly as a consequence of ICT and will continue to change.

Information and Communication Technologies (ICT) are electronic and/or computerized devices and associated human interactive materials that enable the user to employ them for a wide range of teaching and learning process, in addition to personal use. Around the world, educational systems are under increasing pressure to

use the new information and communication technologies to teach students the knowledge and skills they need in the 21st Century. With the emerging new technologies, the teaching profession is evolving from an emphasis on teacher-centred, lecture-based instruction to student-centred, interactive learning environments.

From the present-day ICT point of view, exposure of student teachers to different components of ICT and their application aspects with special reference to educational technology would ensure not only the required skills and competencies, but also make them to imbibe desirable attitude and love for the profession. If the Student teachers are well versed in ICT usage, they can use ICT effectively and efficiently for achieving curricular objectives. The positive academic experience will improve self-efficiency and teaching competency of student teachers. Thus, integrating technology in the classroom redefines established teacher-learner relationships and teaching-learning styles.

In this chapter the researcher has presented the major findings of the study, conclusion of the study, educational implications of the study and provide suggestions for further research.

5.2 Major Finding of the Study

On the basis of result obtained during the course of present investigation, the following findings have been drawn

- Majority of the student teachers (73.80%) have positive attitude towards ICT.
- There was no significant difference between male and female student teachers with respect to their attitude towards ICT.
- There was no significant difference between science and social science streams' student teachers with respect to their attitude towards ICT

5.3 Conclusion

It is observed from the findings of the research that majority of the students have a positive attitude towards the application of ICT in the educational scenario. The imp of ICT tool in every sector, particularly in the sector of education has dramatically increased. Especially in the post – covid scenario, we have witnessed Himalayan exposer towards integrating ICT tools in education. Upon pondering deep into the causes of the positive and negative attitude of the student teachers, it has been observed

6. Workshops on modern ICT tools may be conducted to make the teacher trainees aware of the different innovative techniques and methods, which will increase the attitude towards ICT

5.5 Suggestions for further research

1. A similar study can be undertaken for primary, secondary teachers, B.Ed teachers, M.Ed. students and university teachers.
2. The study can be replicated on a large sample by considering different variables such as locality, socio-economic status etc.
3. Comparative studies may be undertaken with different professional courses.
4. Comparative studies may be taken up on on-line and off line learning with ICT.