Being environment friendly is useful for the general geo-economic condition. There is no negative effect of adopting Green ICT practices, consequently no regrets. It saves the asset of the country by and large. The research study contributed that presently academic IT professional’s begun sparing energy for the future generation along with saving money and assets for them. The data collected from the directors/faculties/non teaching staff/students and the discussion with various directors successfully enabled the researcher to study the effectiveness of Green ICT implementation for cost benefit analysis. These findings will serve as an invaluable insight to all stakeholders of professional institute, to further improve green practices, enhance policies and schemes, for sustaining use of ICT and environment in future.

The knowledge contribution of the research study is explained on following points:

1.0 Academic Contribution :

The study has an academic contribution considering the emerging trends in the field of computer and information technology, especially Green Computing. Green ICT has been a dynamic research area which deliberates a useful utilization of IT equipments. It is essential need to teach all stakeholders of education institutions like Student, Staff, Faculty and Directors to think green for sustenance of ICT, Society and ultimately the Globe. The green ICT practices are lessening greenhouse gas emanations. This research helps in the motivating all students who are future leaders of the nation to adopt and think in terms of Green ICT only for conserving energy as well as for achieving cost effective solution. The study recommended MS-GCC certification as well as Green Computing course as mandatory curriculum of professional course.
2.0 Professional Contribution:

The study is definitely be useful to ICT professionals more particularly those working with professional institute. The ICT professional knows the changes and development in the field of computing, emerging trends in information and technology as well as innovative Green ICT practices. As this study is stepping stone towards sustenance of ICT, all ICT professionals will be benefitted to keep use of ICT as intact in their day to day life without affecting mother earth from these practices.

3.0 Significance for Regulating Authority /Government:

This research analyzed the rational of Green ICT in education and found critical success factors for Green ICT implementation. Also presented the national mission for Green India derived from detailed analysis of the pertinent literature. This study help the policy makers to decide various effective policies related with governance of e-waste, tackling with impact of ICT on environment like water and land pollution and Green ICT. It also assist the regulating authority to settle on how the professional institutes are carrying out their ICT activities in the present context and what should be the government’s response to various ICT activities.
This research contributes to scholarly knowledge with the followings:

a) Green ICT practices, increasing Green awareness, influencing top management people of educational institutes and all stakeholders green adoption behavior.

b) Obtaining opinions of all stakeholders in relations to improve Green practices knowledge, to increase GICT awareness and to motivate society to go green in their approach of using ICT.

c) Better Governance/ Sustenance of Planet: Broadband will play an important role in automating governance processes and reduce any administrative delays’. E-governance is increasingly being viewed as the route for governments to strengthen good governance, for it not only improves efficiency, accountability and transparency of government process but it can also be a tool to empower citizens by enabling them to participate in the decision making processes of governments. Thus this research ensures the sustenance of ICT and ultimately sustenance of better governance or planet.

4.0 Social Contribution:

Green ICT consists of practices to achieve corporate social responsibility by minimizing carbon footprint, ICT waste and by conserving energy for future use. Saving planet and mankind from global warming issues is the major social responsibility as a part of society. Following green ICT practices ensured the benefits of environment sustainability. This study increased the awareness of GICT practices among the society a lot as contribution to the society.
Different categories of stakeholders like student, faculty, staff, and directors define/presents different category of community of society. At the end this study is benefit to entire society as it tried to minimize the environmental impact of ICT by following Green ICT practices in their day to day life which in turn help to reduce greenhouse gas emissions and saving human being. The Green ICT implementation is only advantage to the society as there is no regret of adopting GICT practices. The University has to be made mandatory adoption of Green ICT in its functioning of all administrative tasks. Globalization, socialization and Green ICT adaptation, three circles and green technology sits in the space that is common among these.

5.0 Environmental Contribution:

There is necessitating willingness to protect our natural world from environmental issues for current and future generations. Green Information and Communication Technology is an innovative way of using ICT related to the environment protection and sustainability of ICT in future as well as. This study identified critical success factors which are essential for sustainability of environment in future. This research shall help in the sustenance of mother Earth from hazardous carbon emissions which are significant cause of global warming.