

Technology Management in Telecommunication Context

Mohamed Buhary Murshid

Department of Electrical & Telecommunication Engineering, Faculty of Engineering,
South Eastern University of Sri Lanka

Abstract:

Objective aim relics a matter of fast technological awareness and revolution receipt to be a positive product introducer and many of the young companies with imperfect resources took the edge over inventive big telecommunication companies as the context. The technology insurgency lead by Internet and ever civilizing computing supremacy has played pivotal role in justifying the sense of a worldwide village acuity.

The qualitative reading methodology's utilization is at the view as to be allured to be the primary data and the lot plus et al. Managing and enabling technological evolution is among the top imports of the officialdoms today. To meet this urgency, organizations must create reliable, secure and cost-effective structures that enable business innovation. Technological management not only embraces a pool of up-to-date and state-of-the-art tangible and incorporeal technological resources, but innovation agreements, technological road drawing and projecting with proper time lining are also key components of technology management. Technology management weights a futuristic slant from the companies. The companies have to look forward towards the upcoming technologies that are in the research channel and have to manipulate their business extension plans in the light of these developments. Telecommunication sector has seen a boom world over as never seen before and South Asia is no concession in this telecommunication revolution. The infrastructural evolution in many of the countries in South Asian region such as India and Pakistan has been iconic. The numbers of companies offering various services and the number of users pledging to these services have grown in a prodigious way. This wave of telecommunication business development cannot be understood in seclusion of the global telecommunication business trends. With the help of a case study of the business modernizations in telecommunication sector, this paper observes the technology management aspects such as road mapping, calculating and modernization. It is presented that the major telecommunication companies of the world arrived late

in businesses such as cellular phones, Voice over Internet Protocol (VoIP) and cable/broadband TV due to the poor technological road recording and forecasting. The newer and smaller firms got the business recompenses such as initial high rate of reoccurrence and market share and led the major telecommunication companies due to hostile technological forecasting. When major telecommunication companies such as Bell, BT and Attends put limits on their exploration activities in the last two decades of the earlier century, the telecommunication research was carried on by universities and smaller research companies. This resulted in the technology decisions (ready in a box) to be procured by any free enterprise. This was a different situation from previous part of the last century when the research and its fruit was limited to big telecommunication firms.

Keywords: Technology Management, Telecommunication, Context