Abstract

With the increasing demands of high speed internet and long-haul networking system, optical network has largely contributed in the area of network and communication system. Owing to lossless transmission and ability to carry massive data in a single optical fiber, optical networking has highly positive potential. It was seen that this topic is consistently being an active research area from last decade, however, there are certain trade-off being seen in the research techniques too. The prime aim of this paper is to furnish some unique and potential information recapping the effectiveness of the techniques introduced in research area by extracting the open issues in optical networking system. The compact version of the article will be definitely assist and encourage the upcoming researchers as it furnishes some constructive technique for adopting soft-computational approaches of investigation the problems.

References

- Grobe, K. Eiselt, M. 2013. Wavelength Division Multiplexing: A Practical Engineering
Situational Analysis of Significant Research Contribution in Optical Network

John Wiley & Sons, Science
Exposition and the National Fiber Optic Engineers Conference, pp. 1-3

Index Terms

Computer Science
Networks

Keywords

Optical Communication Network Wavelength Routing WDM