

The Impact and Future of Cloud Computing in Modern IT Infrastructure

**Dr. Vikas Mahandule¹, Mrs. Harsha Patil^{2,3}, Mr. Om Nangare³,
Mr. Hrishikesh Gawande⁴, Mr. Saurav Temgire⁵**

HOD, Assistant Professor, Department of Computer Application¹

Assistant Professor, Department of Computer Application²

Students, Msc(CA)^{3,4,5}

MIT Arts, Commerce and Science College, Alandi (D), Pune, India

Abstract: *The impact and Future of Cloud Computing in Modern IT Infrastructure involves various different topics and also sub-topics into it. The main purpose of the paper is to explore various different Challenges, Trends, Future Scope etc. in Cloud Computing. The main purpose of the Cloud Computing is to provide high-level of security to the users so that they should feel safe to store there data. There are many different types in Clouds such as. Private Cloud, Public Cloud etc. According to the users they make the use of it. The study of Cloud Computing will definitely highlight the points such as security, Cost efficiency, scalability etc. By this people will also come to know about the trends in cloud computing, Uses, Impacts if it etc. This paper will provide you both economic and technical aspects. The use of technology has become very vast now-a-days. Many of the companies has there own Cloud to store there data. It makes use of the Private cloud so that it should not get mix up with different once and also should be secure. The modern world has made the use of cloud computing more and more.*

Keywords: Cloud, Cloud Computing, Network, Services, Private Cloud, Public Cloud