this paper is disused about the vulnerability assessment and pen testing, and vulnerabilities like SQL injection, file inclusion, cross-site scripting, etc, in web application auditing both the manual pen testing and tools will also be used because by using tools there will be so many false positives, will there and the vulnerabilities can be missed so manual intervention is very important and we conclude that the VAPT is the important way for identifying and eradication the security-related vulnerabilities. In the future, we will be looking more closely for various issues related to the VAPT process such as identifying factors that impact adopting of VAPT process in business and problems in implementing security vulnerability remediation in web application and continuing our research and study in this field.

**Acknowledgment**

I wish to express my sincere gratitude to the administration of Andhra Pradesh Technology Service Ltd, Department of Information Technology Govt. of Andhra Pradesh and Security Audit Team of APTS Ltd, KL University for providing the excellent environment and resource. In particular I wish to express my sincere appreciation to Mr. SANTHI MOHANA KRUSHNA, who has the substance of a genius: he convincingly guided and encouraged me to be professional and do the right thing even when the road got tough.