



VISVESVARAYA TECHNOLOGICAL UNIVERSITY -BELGAUM

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K. L. E. College of Engineering and Technology, Chikodi-01



Department of Information Science & Engineering

A Project Report on

“Spam Detection Mechanism Based on Honeypot Classifier and Bayesian Filter”

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A Dissertation work submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
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ABSTRACT

The Internet has evolved into a platform for all kinds of security sensitive services and applications. In this modern era of computing, Internet plays a vital role and therefore, securing network hosts, learning attack methods, capturing of attack tools, and studying motives of computer criminals are important tasks for network administrators and security engineers. A problem of data protection on the network is the main research area for many companies and scientists nowadays an e-mail gateway is one of the important components of security perimeter. It helps to protect the internal network from the large varieties of hacker's attacks. Main problem is an increasing amount of spam and phishing attacks. Mail server is to provide an efficient inter and intra department communication facility in the organization. It consists of the modules New User Signup, Registered User Login, Inbox, Spam, Compose, Attachment Mail, Address Book and Logout. New User Signup form validates whether the user-id already exists and also validation is done for all the fields in the form. Registered User login is also validated for the user-id, and password. Now we have to make a strong mathematical basis to develop a protection system and our solution has to prove that its efficiency is not only theoretical, but also empirical.