

## CAPTCHA AND ITS APPLICATIONS

RAGAVI V<sup>1</sup> & G GEETHA<sup>2</sup>

<sup>1</sup>Assistant Professor, Department of Computer Applications, Sathyabama University, Chennai, India

<sup>2</sup>Professor and Associate Dean, Department of Computer Science Engineering, School of Computer Science and Applications, Lovely Professional University, Phagwara, India

### ABSTRACT

CAPTCHA is a challenge response system which is used to distinguish between human and automated programs. It is known for its efficiency in ensuring proper use of websites and online application by validating that the user is human and not a bot. Initially CAPTCHA was developed to mitigate Denial of Service, but now CAPTCHA is used for various applications. This paper brings out the various types and applications of CAPTCHA.

**KEYWORDS:** CAPTCHA, Applications of CAPTCHA, Challenge Test, Grade Test