

## **ABSTRACT**

### ***Application of the Octave Allegro Method to Measure Information Security on the Darma Bangsa School Website***

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#### ***Abstract***

*Sekolah Darma Bangsa (SDB) is a national school in Lampung Province, established in 2007 under the Darma Bangsa Edukasi Foundation. The school is strategically located in the heart of Lampung's capital city, Bandar Lampung. Information security has become a fundamental concern for businesses, organizations, and governments. Efforts to secure information assets from potential threats have become essential. Therefore, this research focuses on information system security at Sekolah Darma Bangsa Bandar Lampung using the Octave Allegro method. There are 5 risks that affect it, and the research results show that there are 2 risks categorized as very high, 1 risk categorized as moderate, and 2 risks categorized as low. The risk of the website experiencing information security issues results in the website being inaccessible with a relative risk score of 36, high probability, POOL 1, and the recommended mitigation action is to mitigate (can be reduced). The risk of password cracking, a website security vulnerability at SDB by internal or external parties, has a relative risk score of 39, high probability, POOL 1, with the recommended mitigation action being to mitigate (can be reduced).*

**Keywords:** *Cyber Scurity, Octave Allegro, Risk Manajemen, Information Security.*