

ABSTRAK

ANALISIS TINGKAT KESADARAN KEAMANAN SIBER TERHADAP TINDAKAN PREVENTIF SISWA SMKN 1 BANDAR LAMPUNG JURUSAN TEKNIK JARINGAN KOMPUTER DAN TELEKOMUNIKASI

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Penelitian ini bertujuan untuk mengetahui hubungan tingkat kesadaran keamanan siber terhadap tindakan preventif siswa SMKN 1 Bandar Lampung jurusan Teknik Jaringan Komputer dan Telekomunikasi. Penelitian ini menggunakan jenis deskriptif dengan pendekatan kuantitatif. Populasi penelitian adalah seluruh siswa jurusan Teknik Jaringan Komputer dan Telekomunikasi SMKN 1 Bandar Lampung, dengan sampel yang ditentukan melalui teknik *proportional random sampling*.

Responden dalam penelitian ini berjumlah 176 siswa, yang terdiri dari 130 siswa laki-laki (73,9%) dan 46 siswa perempuan (26,1%). Data diperoleh melalui penyebaran kuesioner yang telah diuji validitas dan reliabilitasnya, didukung dengan observasi dan dokumentasi. Data dianalisis menggunakan statistik deskriptif, korelasi.

Hasil penelitian menunjukkan bahwa tingkat kesadaran keamanan siber siswa berada pada kategori cukup hingga tinggi, sedangkan tindakan preventif siswa tergolong cukup baik namun belum sepenuhnya konsisten. Berdasarkan analisis inferensial, diperoleh bahwa terdapat hubungan positif dan signifikan antara kesadaran keamanan siber dengan tindakan preventif siswa, dengan nilai koefisien korelasi sebesar $r = 0,996$ dan nilai signifikansi sebesar $0,000 < 0,05$, yang berarti semakin tinggi tingkat kesadaran keamanan siber maka semakin baik pula tindakan preventif yang dilakukan siswa. Implikasi dari penelitian ini menunjukkan bahwa sekolah perlu memperkuat program literasi keamanan siber melalui pembelajaran, pelatihan, dan praktik langsung agar kesadaran siswa tidak hanya bersifat pengetahuan, tetapi juga terwujud dalam perilaku nyata yang konsisten dalam menjaga keamanan digital.

Kata kunci: Kesadaran Keamanan Siber, Siswa SMK, Keamanan Digital, Tindakan Preventif.

ABSTRACT

ANALYSIS OF THE LEVEL OF CYBERSECURITY AWARENESS ON PREVENTIVE ACTIONS OF STUDENTS AT SMKN 1 BANDAR LAMPUNG COMPUTER NETWORK AND TELECOMMUNICATIONS ENGINEERING DEPARTMENT

By

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This study aims to examine the relationship between the level of cybersecurity awareness and the preventive actions of students at SMKN 1 Bandar Lampung, majoring in Computer and Network Engineering and Telecommunications. This research employs a descriptive method with a quantitative approach. The population of this study consists of all students in the Computer and Network Engineering and Telecommunications major at SMKN 1 Bandar Lampung, with the sample determined using proportional random sampling. The respondents in this study were 176 students, consisting of 130 male students (73.9%) and 46 female students (26.1%). Data were collected through questionnaires that had been tested for validity and reliability, supported by observation and documentation. Data analysis was conducted using descriptive statistics and correlation analysis. The results of the study indicate that students' level of cybersecurity awareness falls within the moderate to high category, while their preventive actions are considered fairly good but not yet fully consistent. Based on inferential analysis, it was found that there is a positive and significant relationship between cybersecurity awareness and students' preventive actions, with a correlation coefficient of $r = 0.996$ and a significance value of $0.000 < 0.05$. This implies that the higher the level of cybersecurity awareness, the better the preventive actions performed by students. The implications of this study suggest that schools need to strengthen cybersecurity literacy programs through learning activities, training, and practical implementation so that students' awareness is not only theoretical but also reflected in consistent real-life digital security practices.

Keywords: Cybersecurity Awareness, Preventive Actions, Vocational School Students, Digital Security.