

## INTISARI

**Latar Belakang :** Universitas salah satu tempat yang berpotensi menularkan *virus corona* karena adanya aktivitas akademik yang diperlukan untuk melaksanakan aktivitas yang dilaksanakan di lingkungan universitas seperti laboratorium. SMK3 yang baik dapat mencegah penyebaran COVID-19 di lingkungan kerja, Universitas Politeknik Negeri Batam merupakan perguruan tinggi yang melakukan pencegahan penyebaran *corona virus*, hal tersebut membutuhkan keterlibatan sivitas akademika yang berkaitan dengan sikap K3, pengetahuan K3 dan komitmen manajemen dalam penerapan SMK3 di Politeknik Negeri Batam dalam pencegahan penyebaran *corona virus* masa pandemi COVID-19.

**Tujuan :** Mengetahui hubungan antara komitmen manajemen, pengetahuan dan sikap K3 dengan penerapan sistem manajemen keselamatan dan kesehatan kerja bagi para sivitas di Politeknik Negeri Batam Jurusan Elektro di pada masa pandemi COVID-19.

**Metode :** Penelitian ini menggunakan metode kuantitatif dengan rancangan *cross sectional*. Populasi dalam penelitian ini adalah sivitas (dosen, tendik, staff dan mahasiswa) Politeknik Negeri Batam dan sampel penelitian berjumlah 90 sivitas Politeknik Negeri Batam di masa pandemi COVID-19 dengan memberikan kuesioner yang di adopsi beserta modifikasi dengan masa pandemi COVID-19 dan sudah di uji realibilitas dan validitas. Pengambilan sampel menggunakan *simple random sampling* dan menggunakan rumus Yamane. Analisis data menggunakan univariat, bivariat dan multivariat.

**Hasil :** Penelitian menunjukkan ada hubungan antara variabel pengetahuan K3 dengan penerapan SMK3 ( $R=0.292$ ,  $p=0.005$ ), sedangkan komitmen dan sikap tidak memiliki hubungan dengan penerapan SMK3. Komitmen manajemen, pengetahuan K3 dan sikap K3 dengan penerapan SMK3 memiliki hubungan tetapi tergolong rendah ( $R=0.329$ ).

**Kesimpulan :** Variabel yang memiliki hubungan terhadap penerapan SMK3 sivitas Politeknik Negeri Batam pada masa pandemi COVID-19 adalah pengetahuan K3 ,dan secara berkelompok komitmen manajemen, pengetahuan K3 dan sikap K3 dengan penerapan SMK3 memiliki hubungan yang tergolong rendah.

**Kata Kunci :** sikap K3, manajemen, universitas, K3, COVID-19.

### *ABSTRACT*

**Background :** University is also one of the places that has the potential to transmit the corona virus because of the academic activities that needed to carry out such as practical course which carried out in a university's. Good OSH System Management can prevent spread of COVID-19, Civitas at universities are one of the people during the COVID-19 pandemic who are at risk of contracting the corona virus. Batam State Polytechnic University is a university that prevents the spread of the corona virus, it requires the involvement of the academic community related to safety attitudes, OHS knowledge and management commitment in implementing OHS System Management at Batam State Polytechnic in preventing the spread of the corona virus in the future COVID-19 pandemic.

**Objective :** To determine the relationship between management commitment, OHS knowledge and safety behaviour with the implementation of OHS system management which implied to civitas at the Batam State Polytechnic Department of Electrical Engineering during the COVID-19 pandemic.

**Methods :** This research using quantitative method with a cross sectional research design method. The population in this study was civitas (lecturers, staff, and students) of Batam State Polytechnic and the quantity of data sample is 90 of Batam State Polytechnic's civitas by providing a questionnaire that had adopted along with modification during COVID-19 and has been tested for reliability and validity. Data analysis using univariate, bivariate and multivariate.

**Result :** Research showed that there is a relationship between the safety knowledge variable with the implementation of OHS system management ( $R=0.292$ ,  $p=0.005$ ), while commitment and attitude have no relationship with the implementation of occupational health and safety management system. Overall management commitment, OHS knowledge and safety attitude with implementation of OHS system management have relatively low relationship ( $R=0.329$ ).

**Conclusion :** The variable that has a relationship with implementation of OHS system management of the Batam State Polytechnic during COVID-19 pandemic is OHS knowledge, meanwhile overall management commitment, OHS knowledge and safety attitude with implementation of OHS system management have relatively low relationship.

**Keywords :** Safety attitude, Management, University, OHS, COVID-19