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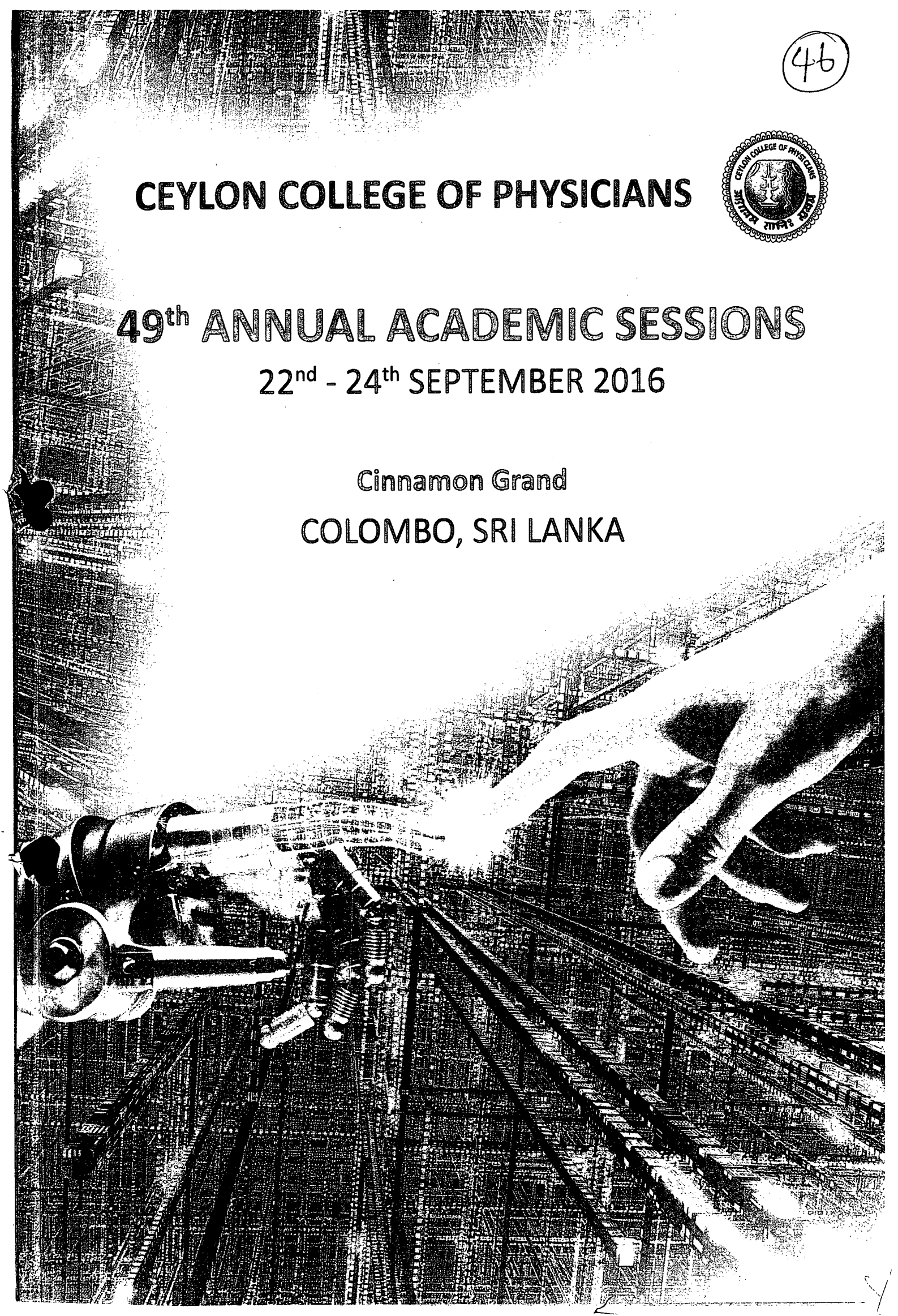
CEYLON COLLEGE OF PHYSICIANS



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PP 30**Predictors of emotional intelligence of medical graduates: a descriptive study in a selected Sri Lankan university****De Silva DSPYR, Amaratunga H, Senanayake S, Jayawardane P, Wijekoon CN****OBJECTIVES**

Studies have shown that emotional intelligence (EI) is related to academic/professional success. This study aimed to determine predictors of EI in a group of medical graduates recently completed education from a Sri Lankan university.

METHODS

This is a descriptive cross-sectional study, conducted in a selected university involving those who did final MBBS examination in 2016. Consecutive sampling was done. EI was assessed with self-administered Genos Emotional Intelligence Full Version (70 questions equally weighted; total score 350). Sociodemographic data were obtained using a self-administered questionnaire. Data were analysed with SPSS, version-23

RESULTS

130 individuals participated (response rate-88%); 61.5% were females; mean age was 26.3±1 years. Mean total EI score was 241.5. EI was higher among females (245.5 vs 235.1; p=0.045), those with good family support (243.2 vs 186.8; p<0.001), those who did extracurricular activities in university (252.9 vs 236.2; p=0.001), those who socialized well in university (246.7 vs 225.1; p<0.001), those who enjoyed studying medicine (246.7 vs 233.4; p=0.007) and those who were satisfied with available facilities (247.5 vs 230.1; p<0.001). Multiple linear regression indicated that having good family support (p=0.002), extracurricular activities in university (p=0.016), socializing well in university (p=0.024) and being satisfied with available facilities, were independent predictors of EI. Having siblings, parents' education level, family income, residence during university years or being a religious person didn't have a significant association with EI.

CONCLUSION

Independent predictors of EI in study population were good family support, extracurricular activities in university, socializing well in university and being satisfied with available facilities.