The main purpose of this research study was to compare the significant differences of high school students’ perceptions towards school’s professional development according to their gender, nationality, grade and years of studying at an International School in Pracha Uthit, Bangkok, Thailand. A total of 90 students from grade 10 to 12 got involved in this study. The researcher adapted the questionnaire based on Kate (2005) which used to students’ perception towards school environment of 6 indicators including health policies, physical environment, social environment, school-community relation, personal skill building, and access to health services at the selected international school. Then the data was analyzed using Frequency and Percentage, Mean and Standard Deviation), One-way ANOVA, and Independent samples t-test. The study found the overall level of high school students’ perceptions towards school environment at this international school were regarded as high, particularly, the highest perception was for Health Policies, and the lowest perception was for School-community Relations. No significant differences in the students’ perceptions towards school environment according to their gender and grade were identified,
however, significant differences of the students’ perception towards school environment between Non-Thai students and Thai students; between the students studying at the international school of Bangkok for 1-3 years and 10 years and above were determined. The study provided the recommendations for students, teachers, administrators and parents on how to maintain and improve the healthy school environment policies and strategies by the end of study.