The library is the place where rapidly increasing huge volume of knowledge and information is collected, organized for the dissemination to the users. The knowledge and information gathered in different resources are collected in libraries and these emulative resources belong to library collection. Within this content, library collection plays a significant role. This study is based on the evaluation of library collection.

Objectives of the paper is to identify the library collection in Advanced Technological Educational Institute libraries to study the collection pattern and how organized it, to examine the suitability of collection with the study programs in SLIATE, to investigate the uptodateness of the collection.

The research method adopted was the survey and the population was total students and academic staff and the sample were 250 Diploma final year students and 10 Lecturers including of library staff selected from all SLIATE in western and southern provinces.

It was identified total collections cover with mainly textbook, there was a lack of other library materials. Library service conducted on traditional method, no internet facilities. The collection was not updated and weeding has not been done.

Suggestions are made to improve library collection with additional books which are related to course conducted by SLIATE. Library opening hours have to be extended on readers demands, new collection development policy and weeding should be initiated. It is better if libraries take action to utilize new methods in the acquisition of library material.

**Keywords:** Sri Lanka Advanced Technological Educational Institute, Collection development, Acquisition, Collection management, Information services