

**INNOVATIVE TEACHING TECHNIQUE: THE 3T PEDAGOGICAL MODEL FOR COMPUTER SCIENCE DEGREE PROGRAMME**Anuradha MK Ariyartne<sup>1</sup>, Faiz MMT Marikar<sup>2</sup>

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**Abstract**

The present study 'Use of test-teach-test method in Computer Science classes' aims to find out the effect of teach-test-teach method in developing in computer scheme of Bachelor level second year students in the faculty of computing, General Sir John Kotelawala Defence University, Sri Lanka. For this experimental research, the sample population consisted 31 BSc students from a Computer Science college, Suriyawewa Sri Lanka who were selected using purposive non-random sampling procedure. This paper outlines how a Test Teach Test approach could address the noted lack of returns on Sri Lanka's substantial investment in the field of computer science by promoting student centric method. A pre-test was administered before they were taught the lesson. After teaching method of Test Teach Test, post-test was administered by using the same set as that was used in pre-test. The results of both the tests were compared and determined using simple statistical tool; mean. The findings revealed that the experimental group in Teach Test Teach was found to have performed significantly higher than controlled group.

**Key words:** Computer Science Scheme, Teaching, Testing Teaching, Testing

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