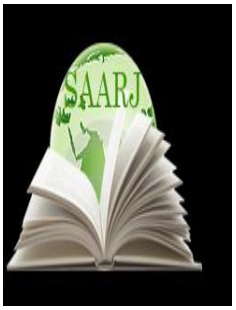

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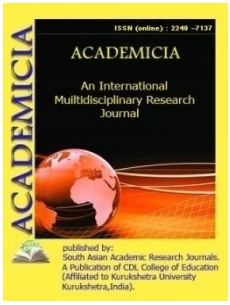

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MATHEMATICS: INTEGRAL PART IN COMPUTER SCIENCE FIELD

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ABSTRACT

Despite the many connections across disciplines, there is evidence that computer science practices need little or no mathematical knowledge. This disconnect between the practical and intellectual roles of mathematics in computer science results in an awkward position for mathematics in computer science curricula, which necessitates math courses that are poorly aligned with computer science needs and students who use a lot of math but very little computer science. As a result, computer science graduates are hesitant and unable to utilize mathematics on the job. Fortunately, modest local changes may have an instant impact on the problem's major players. Although everyday practice needs little, if any, mathematics, computer sciences, software engineering, and mathematics are nevertheless linked, according to this article. Our primary concern is the education of computer professionals, the majority of whom are still educated via a curriculum that calls itself "informatics." Rather of referring to a single subject, the term "informatically science" is commonly used. Both software and computer science are addressed in our rationale and results. This research will help engineering students concentrate on the most essential topics in the curriculum.

KEYWORDS: *Computer science, Discrete mathematics, Mathematics, Science, University.*

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