

SAPTHAGIRI COLLEGE OF ENGINEERING

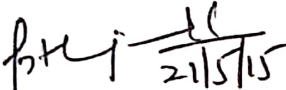
14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

Department of Computer Science and Engineering

Certificate

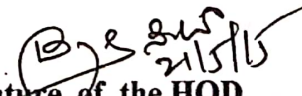


Certified that the project work entitled "Token Substitution Using Radix Tree Emulated Algorithm" carried out by Nikita Mangal (1sg11cs049), Ankit Jain (1sg11cs010), Akash.G (1sg10cs004), Subham Agarwal (1sg11cs083), bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2014-15. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


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ABSTRACT

The project aims to develop an API that address various substitution issues that arises while substituting multiple tokens in multiple files. The API substitutes any character string (including string with non-alphanumeric characters) and can substitute in large and small file in an efficient way. It is capable of performing parallel processing on multiple change pairs and allows client to customize the substitution process. It is capable of performing the computation in a standard format thereby providing universal usage. The API always looks for an extended match.