

## ***A System for the Development of Bilingual e-Dictionary***

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### ***Abstract***

**In the development of an e-Dictionary System the incorporation of word knowledge in different language is very important. The basic objective of this system is to provide an efficient user friendly and reliable tool for searching of words. The system is designed by using the object-oriented paradigm to increase its extensibility, robustness and reusability for dynamic use in different application. Initially, the system is successfully running over 27000 Oriya words and 20000 English words. Search Engine of each language has been designed to handle the misspelled words and gives some most accurate suggestive words. The system is developed in file management system through Java and Java Swing for both the Windows and Linux operating system. It also provides sufficient interface to use in other application like Spell Checker, Thesaurus, Grammar Checker and Machine Translation for Oriya language.**