

## **PROF. (MRS.) SANGHAMITRA MOHANTY**

Prof. (Mrs.) Sanghamitra Mohanty has made a humble attempt to proceed in the field of Artificial Intelligence in general and Speech, Image and Natural Language Processing in particular in the field of Computer Technology. Ten of the technologies developed by her in these fields are Intellectual Property Right protected. From among the products to mention a few are Optical Character Recognition System for Odia Language, English-Odia Bilingual Optical Character Recognition, Text-To-Speech and Speech-To-Text System for Odia language, Bilingual Dictionary etc. are some her contribution to the field of Computer Science and Engineering during her research carrier in the preceding 5 years. Besides the IPRs she had also published 133 research papers in total in different fields. During 2007 to 2011 she had published 9 research papers in journals and 17 research papers in Conference proceedings in these fields. She has also edited four proceedings related to these fields of research which are already published. She has visited eight Foreign Countries twelve times to pursue research and studies in Language Technology.

In her work she has used State-of-the-Art technologies and have modified it appropriately for the use of her work starting from Hidden Markov Model to Support Vector Machines.

Under her able supervision 6 researchers have been awarded with Ph.D. in Computer Science and eight more are working at present. Her products are uploaded in the Website [www.ildc.in](http://www.ildc.in) of Department of Information Technology, Government of India.

In recognition to her research a new innovative course is sanctioned at Master Engineering level with focus on Knowledge Engineering and is instituted by Department of Information Technology, Govt. of India since 2005 at Utkal University.

Due to her Academic achievements, decade long Professorship in Computer Science and Administrative experience she was the Vice Chancellor in the North Orissa University from 2011-14.

Her research contribution to Computer Science and Engineering pertaining to Language Technology in general and Odia Language Technology in particular is praise worthy.

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