বাংলা বাণী (BANGLA VAANI)
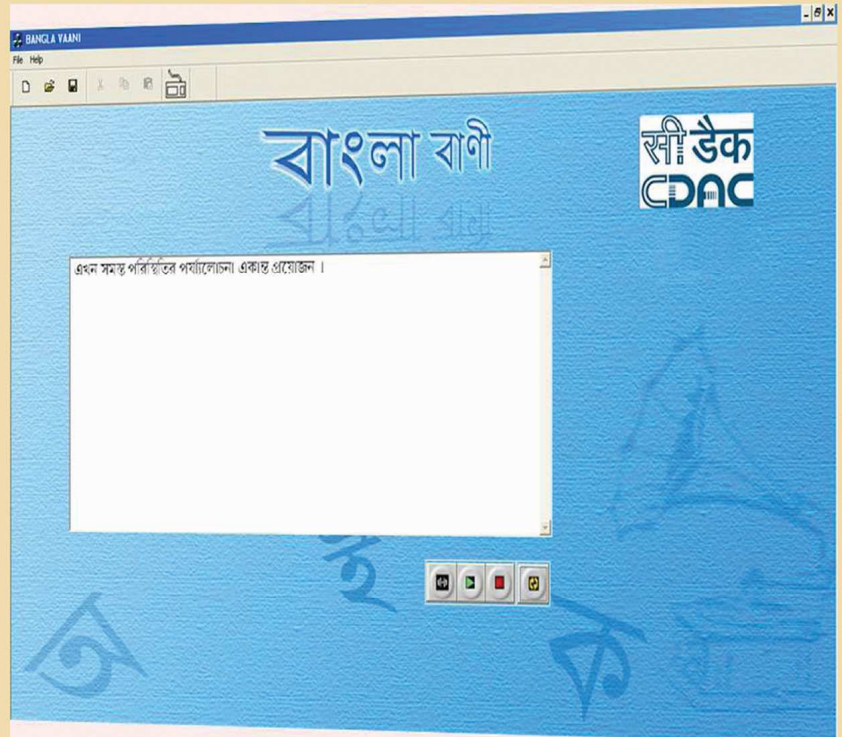## A Text to Speech Synthesis (TTS) System for Bangla

"… by itself, Speech Technology is not a product; but the remarkable advance in this area will drive the next wave of technology expansion."

Our Aim:

⊙ **T**o scatter the immense knowledge available in Bangla among the visually challenged mass and barely literate people of the society.

Our Solution:

⊙ **B**angla **V**aani is a Bangla Text to Speech system based on Epoch Synchronous Non Overlap Add (ESNOLA) method.

System Features:

⊙ **L**ow memory requirement.
⊙ **S**upports UNICODE and ISCII input for Bangla Text.
⊙ **E**asy to integrate with other applications.
⊙ **S**upports unlimited vocabulary with text normalization.
⊙ **O**ut put in 16 bit PCM format with sampling frequency 22050 Hz.
⊙ **R**uns on Windows OS.

Achievements so far:

⊙ **A** Text to Speech for Bangla capable of synthesizing adequately intonated speech.
⊙ **T**his system was used by the Election Commission for announcing results of 2006 Assembly poll.

Motivation:

⊙ **E**mpowerment of barely literate people to harness the benefit of IT.
⊙ **A**id for the visually impaired people of the society.

Centre for Development of Advanced Computing (C-DAC)
A Scientific Society under DeitY, Ministry of Communications and Information Technology, Govt. of India
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