

## 6. Human Machine Interface System

### Synopsis

<i>Sl No.</i>	<i>Name of The Technology</i>	<i>Nature of the Technology</i>	<i>Name of the Technology Developer</i>	<i>Whether Technology Handshake (TH) has been done</i>
<b>Optical Character Recognition</b>				
1.	Optical Character Recognition for Assamese	Human – machine Interface System	IIT Guwahati	Solicited
2.	Optical Character Recognition for Bengali	Human – machine Interface System	ISI , Kolkata	Solicited
3.	Optical Character Recognition for Devanagari script – Chitraksharika	Human – machine Interface System	C-DAC, Noida	Solicited
4.	Optical Character Recognition for Malayalam – NAYANA	Human – machine Interface System	C-DAC, Thiruvananthapuram	Solicited
5.	Optical Character Recognition system for Oriya	Human Machine Interface system	Utkal University, Bhubaneshwar	Solicited
6.	Optical Character Recognition system for Telugu – DRISHTI	Human – machine Interface System	University of Hyderabad, Hyderabad	Negotiations with industry is going on. solicited
7.	Optical Character Recognition system for Tamil – Tamil Ganani	Human – machine Interface System	IISc. Bangalore	
8.	Optical Character Recognition system for gurunukhi	Human – machine Interface System	TIET , Patiala	Solicited
<b>Machine Translation system</b>				
9.	Machine Translation system from English to Hindi (Angla – Hindi)	Human – machine Interface System	IIT Kanpur	Available in public domain (THs are being finalized with the Resource Centres)
10.	Machine Translation system from English to Urdu	Human – machine Interface System	IIT Kanpur	Solicited
11.	Machine Translation system from Hindi to English	Human – machine Interface System	IIT - Kanpur	Solicited
12.	Machine Translation system from English to Indian Languages	Human – machine Interface System	IIT Kanpur	Solicited
13.	Machine Translation system for Indian Language to English	Human Machine Interface system	IIT Kanpur	Solicited
14.	Human aided machine translation system - Matra	Human – machine Interface System	C-DAC Mumbai	Negotiations with industry is going on. solicited
15.	Machine Translation Sysetm form English to Assamese	Human – machine Interface System	IIT Guwahati	
16.	Shakti Machine Tranalation system,	Human – machine Interface System	IIIT Hyderabad	Solicited
<b>Text to Speech Systems (TTS)</b>				
18.	Bengali Text to Speech System – Bani	Human – machine interface system	C-DAC, Kolkata	Solicited
19.	Malayalam Text to Speech system -Subhashini	Human – machine interface system	C-DAC Thiruvananthapuram	Solicited
20.	Oriya- Text to Speech System	Human – machine interface system	Utkal University, Bhubaneshwar	Solicited
21.	Tamil Text to Speech System – Ethiroli	Human – machine interface system	Anna University, Chennai	Solicited