**RESEARCH AND DEVELOPMENT PROJECTS AT DA-IICT**

Updated as on 1-6-2015

(A) Sponsored Research Projects (Current)

<table>
<thead>
<tr>
<th>Title</th>
<th>Principal Investigator</th>
<th>Co-PI(s)</th>
<th>Date of Commencement</th>
<th>Sponsor</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Techno Feasibility Study on Automation of hydroponics and greenhouse cultivation</td>
<td>Prof. Ranendu Ghosh</td>
<td>Prof. Rahul Dubey</td>
<td>February-2015</td>
<td>Gujarat Horticulture Mission</td>
<td>3,72,000/-</td>
</tr>
<tr>
<td>2. Knowledge Compilation in modal and Multimodal Logic</td>
<td>Prof. Manoj Raut</td>
<td>Prof. Rahul Muthu</td>
<td>February-2015</td>
<td>National Board for Higher Mathematics</td>
<td>6,84,200/-</td>
</tr>
<tr>
<td>3. Ultra wide band Dielectric Resonators Antenna</td>
<td>Prof. Deepak Ghodgaonkar</td>
<td>Prof. Sanjeev Gupta</td>
<td>December-2014</td>
<td>SAC-RESPOND</td>
<td>11,65,000/-</td>
</tr>
<tr>
<td>4. Speech based Access of Agriculture Commodity Prices and Weather Information in 12 Indian Languages/ Dialects (ASR) Consortium-Phase-II</td>
<td>Prof. Hemant Patil</td>
<td>Prof. M.V. Joshi</td>
<td>September-2014</td>
<td>DeitY</td>
<td>44,70,000/-</td>
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<tr>
<td>5. Developing of Infant Cry Analyzer using source and system features</td>
<td>Prof. Hemant Patil</td>
<td>NIL</td>
<td>January-2013</td>
<td>DST</td>
<td>5,96,000/-</td>
</tr>
</tbody>
</table>
6. Title : Techniques for robust face recognition with pose variation  
Principal Investigator : Prof. Suman Mitra  
Co-PI(s) : Prof. Mehul Raval  
Date of Commencement : October-2012  
Sponsor : BRNS/DAE  
Total Cost : 21,92,000/-  

7. Title : Development of Text to Speech System in Indian Languages Phase-II  
Principal Investigator : Prof. Hemant Patil  
Co-PI(s) : Prof. M.V. Joshi  
Date of Commencement : February-2012  
Sponsor : DeitY  
Total Cost : 76,90,000/-  

8. Title : Development of Cross Lingual Information (CLIA) System Phase-II  
Principal Investigator : Prof. Prasenjit Majumder  
Co-PI(s) : Prof. Suman Mitra  
Date of Commencement : May-2011  
Sponsor : DeitY  
Total Cost : 70,84,000/-  

9. Title : Indian Digital Heritage (IDH-Hampi) Phase-II  
(Digital Capture of Culture & Heritage)  
Principal Investigator : Prof. M.V. Joshi  
Co-PI(s) : Prof. Hemant Patil  
Date of Commencement : February-2011  
Sponsor : DST  
Total Cost : 37,60,000/-  

10. Title : Value Addition in Grassroots Technologies  
Principal Investigator : Prof. Anil Roy  
Co-PI(s) : Prof. Rahul Dubey  
Date of Commencement : April-2011  
Sponsor : National Innovation Foundation  
Total Cost : 9,59,271/-
(B) Other Sponsored Projects:

1. **Title:** Center Early Adopter – NSF / TCPP CDER  
   Principal Investigator: Prof. Bhaskar Chaudhury  
   Co-PI(s): Prof. Mukesh Tiwari  
   Date of Commencement: 2014  
   Sponsor: National Science Foundation  
   Total Cost: USD 2500

2. **Title:** Expansion of Technology Incubation and Development of Entrepreneurs (TIDE) in the areas of Electronics and ICT  
   Principal Investigator: Prof. Anish Mathuria  
   Co-PI(s): Prof. Manish Gupta  
   Date of Commencement: June-2010  
   Sponsor: Deity  
   Total Cost: 1,50,00,000/-