

RESEARCH AND DEVELOPMENT PROJECTS AT DA-IICT

Updated as on 14-6-2016

(A) Sponsored Research Projects (Current)

1. Title : Techno Feasibility Study on Automation of hydroponics and green house cultivation

Principal Investigator : Prof. Ranendu Ghosh
Co-PI(s) : Prof. Rahul Dubey
Date of Commencement : February-2015
Sponsor : Gujarat Horticulture Mission
Total Cost : 3,72,000/-

2. Title : Knowledge Compilation in modal and Multimodal Logic

Principal Investigator : Prof. Manoj Raut
Co-PI(s) : Prof. Rahul Muthu
Date of Commencement : February-2015
Sponsor : National Board for Higher Mathematics
Total Cost : 6,84,200/-

3. Title : Ultra wide band Dielectric Resonators Antenna

Principal Investigator : Prof. Deepak Ghodgaonkar
Co-PI(s) : Prof. Sanjeev Gupta
Date of Commencement : December-2014
Sponsor : SAC-RESPOND
Total Cost : 11,65,000/-

4. Title : Speech based Access of Agriculture Commodity Prices and Weather Information in 12 Indian Languages/ Dialects (ASR) Consortium-Phase-II

Principal Investigator : Prof. Hemant Patil
Co-PI(s) : Prof. M.V. Joshi
Date of Commencement : September-2014
Sponsor : DeitY
Total Cost : 44,70,000/-

5. Title : Developing of Infant Cry Analyzer using source and system features

Principal Investigator : Prof. Hemant Patil
Co-PI(s) : NIL
Date of Commencement : January-2013
Sponsor : DST
Total Cost : 5,96,000/-

- 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/-
- 11. Title :** **Kinetic Modeling of large size negative Ion Sources for fusion Application using emerging parallel processing computer architectures**
Principal Investigator : Prof. Bhaskar Chaudhury
Co-PI(s) : Prof. Mukesh Tiwari
Date of Commencement : October-2015
Sponsor : BRNS/DAE
Total Cost : 23,69,300/-

12. Title : **Study of Privacy, Accountability and Ownership in IoT**
Principal Investigator : Prof. Manik Lal Das
Co-PI(s) : Prof. Anish Mathuria
Date of Commencement : April-2016
Sponsor : Indo French Centre for the Promotion
of Advanced Research
Total Cost : 17,67,420/-

13. Title : **Processor RTL Customization and Development of Low Power Design Flow Methodology**
Principal Investigator : Prof. Amit Bhatt
Co-PI(s) : Prof. Mazad Zaveri
Date of Commencement : September–2015
Sponsor : GUJCOST
Total Cost : 2,50,000/-

14. Title : **Enabling Technologies for remote health monitoring**
Principal Investigator : Prof. Biswajit Mishra
Co-PI(s) : Prof. Manik Lal Das
Date of Commencement : September–2015
Sponsor : GUJCOST
Total Cost : 2,80,000/-

(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/-

3. Title : Gujarat Government Approved Nodal Institute for promoting Startups under the Startups/ Innovation Scheme

Principal Investigator :
Co-PI(s) :
Date of Commencement :
Sponsor :
Total Cost :