

Collaborative PhD Program at IIT-Delhi in 2011

This year the collaborative program focuses on following areas – Image Analysis and Biometrics, Software Engineering, Mobile and Ubiquitous Computing, Security and Privacy, and Information Management and Analytics. Within these areas, the partners and specific area of interest is given below. More partner organizations are likely to get added later.

COLLABORATING PARTNER	RESEARCH AREA
Image Analysis and Biometrics at IIT-Delhi (Dr. Richa Singh and Dr. Mayank Vatsa)	
Prof. Kevin Bowyer, University of Notre Dame USA (http://www.cse.nd.edu/~kwb/)	<ul style="list-style-type: none"> • Face recognition in video • Iris recognition
Prof. Afzel Noore West Virginia University USA (http://www.csee.wvu.edu/~noore/)	<ul style="list-style-type: none"> • Face recognition • Fingerprint recognition
Prof. Arun Ross West Virginia University USA (http://www.csee.wvu.edu/~ross/)	<ul style="list-style-type: none"> • Multimodal biometrics • Iris recognition
Prof. Ajay Kumar The Hong Kong Polytechnic University, Hong Kong (http://www.comp.polyu.edu.hk/)	<ul style="list-style-type: none"> • Multimodal biometrics • Novel biometrics
Mobile and Ubiquitous Computing at IIT-Delhi (Dr Vinayak Naik, Dr Pushendra Singh, Dr Amarjeet Singh)	
Nokia Research, Bangalore	<ul style="list-style-type: none"> • Wireless Health
Prof. Elena Gaura, Coventry University (http://www.coventry.ac.uk/researchnet/d/556/a/4339)	<ul style="list-style-type: none"> • Energy conservation using mobile phones
Security and Privacy at IIT-Delhi (Dr. Gaurav Gupta, Dr. Ponnurangam Kumaraguru, Dr. Shishir Nagaraja, Dr. Somitra Sanandhya)	
Prof. Anupam Joshi, University of Maryland Baltimore County, USA (http://www.cs.umbc.edu/~ajoshi/)	<ul style="list-style-type: none"> • Information sharing, Critical infrastructure protection

Dr. Sougata Mukherjea, IBM- India Research Labs, India (http://domino.research.ibm.com/comm/research_people.nsf/pages/smukherj.index.html)	<ul style="list-style-type: none"> • Security and privacy in social networking
SnT centre, University of Luxembourg, Luxembourg (http://wwwfr.uni.lu/interdisciplinary_centre_for_security_reliability_and_trust)	<ul style="list-style-type: none"> • Security
Dr. Satya Lokam, Microsoft Research India, Bangalore. Some other researchers from MSRI, Bangalore will also be collaborating. (http://research.microsoft.com/en-us/um/people/satya/)	<ul style="list-style-type: none"> • Cryptography
Information Management and Analytics Group (Dr. Anirban Mondal, Dr. Vikram Goyal, Dr. Ashish Sureka)	
Dr. Mukesh Mohania (IBM Indian Research Lab, New Delhi, India)	<ul style="list-style-type: none"> • Information Integration, Data Warehouse
Prof. Subhash Bhalla, Univ. of Aizu, Japan (http://web-ext.u-aizu.ac.jp/labs/sw-db/Bhalla.html)	<ul style="list-style-type: none"> • Distributed Client/Middleware/Service Oriented Computing, Mobile Database Management System
Prof. Dr. Gerhard Weikum, Director, D5 - Department of Databases and Information Systems, Max-Planck Institute for Computer Science, Saarbrücken, Germany	<ul style="list-style-type: none"> • Text and web mining, analytics on large-scale text and graphs, information retrieval