

HumanSense: Smart Platform Systems for Interdisciplinary Solutions
Dr Debopam Acharya, Associate Professor, Department of Computer Science and Engineering

Dr Debopam Acharya, Associate Professor, Department of Computer Science and Engineering has been awarded a grant by ITRA (under Department of Electronics and Information Technology, Govt. of India) for his research project, “ HumanSense: Towards context aware sensing, inference and actuation for applications in Energy and Healthcare.”

Dr Acharya with his Co PI, Dr. Prasad Pathak, Assistant Professor, Department of Civil Engineering, aims to develop systems combining relevant sensors and diverse mobile platforms for collecting useful domain specific information and develop algorithms for efficient inference and decision making based on collected real world data through his project. Talking about his project, Dr Acharya said, “While mobile smart devices have become part of our daily life, their relevance and application towards developing interdisciplinary solutions for critical domains like Energy and Healthcare has not been addressed. Our HumanSense project will perform research and development to solve pressing problems in these two domains and empower users with information that will aid in smart decision making process.”

Dr Acharya has also been associated with BlackBerry Academic Program and had received funding in 2011 and 2012 for teaching and research using the BlackBerry platform. He plans to support multiple mobile platforms and use mobile devices received in BlackBerry equipment grants for this project. Dr Debopam Acharya has collaborated with faculty members from Indraprastha Institute of Information Technology, Delhi, and Indira Gandhi Delhi Technical University For Women, Delhi for this three year project.

For more information about Dr. Acharya's research, please visit:
<https://sites.google.com/a/snu.edu.in/mobile-sensing-group/>