

# SONIA SOUBAM

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MUC PhD Lab 3B  
IIIT Delhi  
Okhla Phase-3  
New Delhi-110020

## EDUCATION

- PhD Scholar IIIT Delhi, Mobile and Ubiquitous Computing (Since July, 2013 to present)
- MTech Computer Science with Specialization Information Security, IIIT Delhi, May 2013.
- BE Computer Science and Engineering, Anna University, Coimbatore, May 2011.

## MTECH THESIS

- **Location Privacy in MobiShare**  
Developed a Privacy Preserving protocol for exchanging and comparing “mobility profile” of users.

## PROJECTS

- P3P Implementation of Website
- Implemented Auto-completion feature for Galago Search Engine
- Android Application : Phone as a Wireless Mic
- Changing MAC DTS of SMS and Call Logs in Android Operating System

## SKILLS AND INTERESTS

- **Languages & Software:** C, C++, Java, Python, R, MATLAB
- **Tools & Technologies:** SQL, Eclipse, Android SDK, J2ME
- **Research Interest:** Participatory Sensing Using Mobile Phone Sensors

## PUBLICATIONS

- K. Yadav, D. Chakraborty, **S. Soubam**, N. Prathapaneni, V. Nandakumar, N. Rajamani, L. V. Subramaniam, S. Mehta, and P. De. Human Sensors: Case-study of Open-ended Community Sensing in Developing Regions. Accepted at the The IEEE Pervasive Computing and Communication (PerCom) Conference Work in Progress, March 18-22, 2013, San Diego, USA
- **S. Soubam**, N. Prathapaneni, V. Nandakumar, K. Yadav, N. Rajamani, D. Chakraborty, L. V. Subramaniam, S. Mehta, and P. De. Open-Ended Community-Sensing: Data Collection and Processing. Accepted at the Sixth Workshop on Analytics for Noisy Unstructured Text Data (AND’12), IIT Bombay, Mumbai, India

## POSTER PUBLICATIONS

- S. Soubam, V. Naik, and D. Chakraborty. Detection of Day-to-Day Human Activities using Smart phones. Accepted at 1st Xerox Research Centre India (XRCI) Open, Mar 14, 2014, Bangalore, India

## WORKSHOPS ATTENDED

- Big Data & Analytics School, IBM-iCARE 2013, New Delhi, India.

**WORK EXPERIENCE**

- Research Intern, IBM India Research Labs, New Delhi, India (May- July, 2014)
- Teaching Assistant, Mobile Computing (Monsoon Semester, 2013) Instructor: Dr. Vinayak Naik

**ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES**

- Represented Anna University, Coimbatore at the South-Zone Inter-University Table Tennis Tournament, 2011
- Won prizes at intra-college Essay Writing and Quiz Competitions