

ABIRA SENGUPTA

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Web: <https://abira-sengupta.github.io/>

EDUCATION

MASTER OF TECHNOLOGY [2013] | COMPUTER SCIENCE

- GPA: 8.87/10 (West Bengal University of Technology)

BACHELOR OF TECHNOLOGY [2010] | COMPUTER SCIENCE AND ENGINEERING

- GPA: 7.43/10 (West Bengal University of Technology)

RESEARCH

[APRIL 2017] – [PRESENT] INDIAN STATISTICAL INSTITUTE | PRE DOCTORAL RESEARCH

- ConvNet based Face Recognition and Authentication for Biometrics. Use **MATLAB, Python, LaTeX**.

[JULY 2011] – [JUNE 2013] WEST BENGAL UNIVERSITY OF TECHNOLOGY | MASTERS RESEARCH

- Localized Algorithm for Coverage in Wireless Sensor Networks.

[JULY 2011] – [JUNE 2013] WEST BENGAL UNIVERSITY OF TECHNOLOGY | MASTERS RESEARCH

- Developing an Academics Management System.

TEACHING

[JAN 2016] – [PRESENT] JADAVPUR UNIVERSITY | PART-TIME FACULTY

- Taught Multimedia & Coding Theory, Multimedia Lab and Numerical Methods.

[JAN 2016] – [PRESENT] KALYANI GOVERNMENT ENGINEERING COLLEGE | PART-TIME FACULTY

- Taught Automata Theory, Graphics Theory and Algorithms.

[AUG 2013] – [DEC 2016] WEST BENGAL UNIVERSITY OF TECHNOLOGY | PART-TIME FACULTY

- Taught Computer Architecture, Multimedia and C Programming.

PUBLICATIONS

[1] Nabin Sharma, **Abira Sengupta**, Rabi Sharma, Umapada Pal, and Michael Blumenstein, "Pincode detection using Deep CNN for postal Automation", *IVCNZ*, 2017.

[2] Abhijit Das, **Abira Sengupta**, Umapada Pal, and Michael Blumenstein, "Linking Challenging Face Images Captured from the Optical Phenomenon in the Wild for Forensic Science", *IJCB*, 2017.

[3] Abhijit Das, **Abira Sengupta**, Umapada Pal, and Michael Blumenstein, "More Realistic and Efficient Face-Based Mobile Authentication using CNN ", *ICB*, 2018. (under review)
