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**Sushmita
Mitra**

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About Myself



INAE Chair Professor and Head, [Machine Intelligence Unit](#) of the [Indian Statistical Institute](#), Kolkata.

I was an IEEE CIS Distinguished Lecturer for the period 2014-2016.

I am a **Fellow of the [IEEE](#)**, for contributions to neuro-fuzzy and hybrid approaches in pattern recognition, **Fellow** of the **INSA**, **Fellow** of the **IAPR**, and **Fellow** of the **INAE** and **NASI India**.

My research interests include pattern recognition, data mining, bioinformatics, soft computing and medical imaging.

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`` **[How I Became What I Am](#)**'' in *Lilavati's Daughters: The Women Scientists of India*, R. Godbole and R. Ramaswamy (Eds.), Indian Academy of Sciences, Bangalore, pp. 196-197, 2008. (ISBN 978-81-8465-005-1)

A Bangla clip from `` **[Sananda](#)**'', August 15, 2000

My parents, the late **Dr. Maya Mitra (nee Kundoo)** and the late **Dr. Girindra Nath Mitra**, had the rare privilege of **[publishing research articles in ``Nature''](#)**. They inspired me to achieve; whatever I am today, I owe it to their immense love and sacrifice for me.

My citations by **[Google Scholar](#)** .

``**[Reminisces from the Past](#)**'' in *The Mind of an Engineer*, P. Ghosh and B. Raj (Eds.), Indian National Academy of Engineering, pp. 261-266, 2016. (ISBN 978-981-10-0118-5)

Short Biography

Sushmita Mitra is the Head and INAE Chair Professor at the Machine Intelligence Unit (MIU), Indian Statistical Institute, Kolkata. From 1992 to 1994 she was in the RWTH, Aachen, Germany as a DAAD Fellow. She was a *Visiting Professor* in the Computer Science Departments of the University of Alberta, Edmonton, Canada in 2004, 2007; Meiji University, Japan in 1999, 2004, 2005, 2007; and Aalborg University Esbjerg, Denmark in 2002, 2003. Dr. Mitra received the National Talent Search Scholarship (1978-1983) from NCERT, India, the **[University Gold Medal](#)** in 1988, the **[IEEE TNN Outstanding Paper Award](#)** in 1994 for her pioneering work in neuro-fuzzy computing, and the CIMPA-INRIA-UNESCO Fellowship in 1996.

She is the author of the books ``Neuro-Fuzzy Pattern Recognition:



Methods in Soft Computing" and "Data Mining: Multimedia, Soft Computing, and Bioinformatics" published by John Wiley, and "Introduction to Machine Learning and Bioinformatics", Chapman & Hall/CRC Press, beside a host of other edited books. Dr. Mitra has guest edited special issues of several journals, is an Associate Editor of "IEEE/ACM Trans. on Computational Biology and Bioinformatics", "Information Sciences", "Neurocomputing", "Fundamenta Informatica", and is a Founding Associate Editor of "Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery (WIRE DMKD)". She has more than 150 research publications in referred international journals. According to the Science Citation Index (SCI), two of her papers have been ranked 3rd and 15th in the list of Top-cited papers in Engineering Science from India during 1992--2001.

Dr. Mitra is a [Fellow of the IEEE](#), Indian National Science Academy (INSA), International Association for Pattern Recognition (IAPR), and *Fellow* of the Indian National Academy of Engineering (INAE) and The National Academy of Sciences, India (NASI). She was an *IEEE CIS Distinguished Lecturer* for the period 2014-2016. Dr. Mitra is the current Chair, IEEE CIS Kolkata Chapter. She has visited more than 30 countries as a Plenary/Invited Speaker or an academic visitor. She served in the capacity of Program Chair, Tutorial Chair, and as member of programme committees of many international conferences. Her current research interests include data mining, pattern recognition, soft computing, medical image processing, and Bioinformatics.

