



**IEEE STUDENT BRANCH**  
**Indian Institute Of Information Technology**  
Deoghat, Jhalwa Allahabad-211012, UP, India  
(Student Branch Code: STB14321)



**IEEE Invited Talk**  
**by**  
**Prof. Mriganka Sur (MIT)**  
(August 10, 2016)

The IEEE SB IIIT Allahabad in association with IEEE SP/C Joint Chapter, Uttar Pradesh Section organized an invited talk by the renowned neuroscientist Prof. Mriganka Sur held on 10<sup>th</sup> Aug 2016 at 2:30 PM. The talk was really full of motivation and inspiration for students to do research more towards real life-science related problems.

Prof. Mriganka Sur is the Paul E. and Lilah Newton Professor of Neuroscience and Director of the Simons Center for the Social Brain at MIT, which he founded after 15 years as head of the MIT Department of Brain and Cognitive Sciences. Prof. Sur studies the organization, development and plasticity of the cerebral cortex of the brain using experimental and theoretical approaches. Recently, his group has demonstrated novel mechanisms underlying disorders of brain development, and proposed innovative strategies for treating such disorders.



Dr. Sur received B. Tech. degree in Electrical Engineering from the Indian Institute of Technology, Kanpur, and PhD degree in Electrical Engineering from Vanderbilt University, Nashville. After postdoctoral research at SUNY Stony Brook, he was appointed to the faculty of Yale University School of Medicine in 1983. He joined the faculty of the Department of Brain and Cognitive Sciences at the Massachusetts Institute of Technology (MIT) in 1986. He was named in 1993 the Sherman Fairchild Professor of Neuroscience and in 1997 head of the Department of Brain and Cognitive Sciences. He has received numerous awards and honors, including the Charles Judson Herrick Award of the American Association of Anatomists, the



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A.P. Sloan Fellowship, the McKnight Development Award and the Hans-Lukas Teuber Scholar Award. He has authored and co-authored many research articles which are published in 'Nature' and several reputed journals and conferences. He has more than 19,000 citations for his ingenious works.

IEEE SB IIITA's Secretary Mr. Sudhakar Mishra provided a brief introduction of the speaker. IEEE SP/C Joint Chapter, Uttar Pradesh Section's Chairperson Prof. U.S. Tiwary invited the guest Prof. Sur for the talk.



Prof. Sur delivered a thought-provoking and motivational talk that gave the students a new dimension of understanding regarding research. He inspired students not to be only the consumer of knowledge but also become a producer through contributing in the technological development around the globe. He also discussed about the strong research culture among the students and faculty members of MIT. He emphasized that research should be focused on solving real life problems. At the end of the talk, he answered questions and doubts raised by the students with great enthusiasm.

A large number of participants turned up to attend the talk with great enthusiasm and excitement. Chief Patron IEEE SB IIITA Prof. G.C. Nandi, Branch Counselor Dr. Rajat Kumar Singh, IEEE SP/C Joint Chapter, Uttar Pradesh Section Chairperson Prof. U.S. Tiwary, Faculty Advisor IEEE Computer Society Student Chapter IIITA Prof. Sekhar Verma were present. In the end, Prof. U.S. Tiwary presented a memento with vote of thanks to Prof. Sur for giving his valuable time for such an inspirational and informative talk.