

## BOSE INSTITUTE: SOME LANDMARK DISCOVERIES

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*One hundred years in the life of a research institute is a long time indeed. Established by the legendary polymath Acharya J.C. Bose, Bose Institute has in this period (1917-2016) harboured hundreds of inquisitive minds, each searching for truth in his or her own way, alone or in a collective fashion, and revealing some unknown facet of Nature. Some of their results got included in the mainstream of scientific endeavour. They are the ones that have stood the test of time, and qualify as landmark achievements in the history of scientific research. Such landmarks are necessarily few.*

*In this article, I shall discuss some such achievements from Bose Institute, and try to impress upon the reader the significance of each of these. The work of D.M. Bose is excluded from this list, since a separate article in this issue (by Singh and Roy) has covered his work. Five such landmark discoveries (by J.C. Bose, Shyamadas Chatterjee, Gopal Chandra Bhattacharya, Sambhu Nath De and Birendra Bijoy Biswas) have been chosen, which stand out as truly pioneering breakthroughs in their respective fields. The first three are discussed in some detail, since the original publications for these are not available very easily.*

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