

Dr. Tushima Basak

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Dr. Basak obtained her graduation and post-graduation from the University of Mumbai from where she also obtained her Ph.D. in 2007. Her specialization is Accelerator Physics and she did her research at the Bhabha Atomic Research Centre, Mumbai. She was a post-doc at the Tata Institute of Fundamental Research, Mumbai. Her primary interests are in the following areas:

1. Study on beam dynamics and cavity design of normal conducting low energy high- intensity proton accelerator.
2. Design of the alternate injector system to the existing Superconducting LINAC (S-LINAC) booster.
3. Operation of the S-LINAC booster that has been indigenously developed to boost the energy of heavy ion beams delivered by the Pelletron accelerator.

She has several publications to her credit