

## **Research Associate position in DIT funded project “Development of GHz frequency Filters and Attenuators Using Nanoscale Magnonic Crystals”**

Applications are invited for a Research Associate position in a project entitled “Development of GHz frequency Filters and Attenuators Using Nanoscale Magnonic Crystals” funded by Department of Information Technology, Govt. of India. The position involves nanofabrication and high frequency measurements of magnetic nanostructures, and to further demonstrate GHz frequency filters and attenuators using those. The candidate should possess/have submitted Ph.D. degree in a relevant field of science/engineering with a proven record of research publication. The candidate must be experienced in thin-film deposition, nanofabrication using lithography and GHz frequency measurement techniques. The candidate must also be willing to learn numerical simulation techniques to complement the measurements. Interested candidates are requested to send their recent CV with a list of publications to Dr. Anjan Barman in the Department of Condensed Matter Physics and Material Sciences, S. N. Bose National Centre for Basic Sciences, Kolkata 700098. A softcopy of the application must also be emailed to [abarman@bose.res.in](mailto:abarman@bose.res.in) or [a\\_barman@yahoo.com](mailto:a_barman@yahoo.com). Further information about our research activity may be found at <http://www.bose.res.in/~abarman/index.html>.

The initial appointment will be for one year and may be extended for another year depending upon performance.