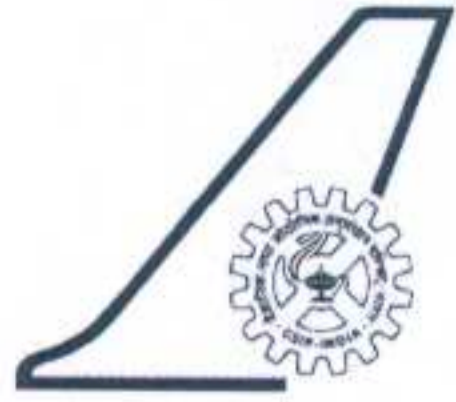


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**Title:**            *Retrieval of EM parameters from Multi-layer Composite Material*

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**Abstract:** *An improved quarter wave transformer matching technique is used to know the dielectric properties of multilayered dielectric material. All case studies have been performed by binomial design and Tschebyscheff design to increase the accuracy level. A detailed calculation is added for the convenience. Plot related to both designs have been generated and given to prove the validity of the proposed designs. A detailed study has been performed to retrieve the dielectric properties of each layer embedded in a multilayer structure.*