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### Frequency Modulated Transmission Of Wavy Channels Using OFDM And DFE Techniques – A Critical Review

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Abstract : Design Feed back Equilizer (DFE) and Orthogonal Frequency- Division Multiplexing (OFDM) are the two commonly used frequency modulated techniques used for data transmission. Literature review revealed that, extensive work was reported on wavy data transmission using above techniques. Intercomparison of merits and demerits of both the modes of data transmission was also made in the literature. Both the methods offered advantages over conventional methods. However the research in above area is still in infant stage and lot more work needs to be done, to stream line the two methods. An attempt is made in this paper to critically review the research work carried out till date in this area. The various drawbacks are noted and the techniques used for addressing the same are identified. The major contribution of the present work lies, in presenting a detailed review of the till date research in this area, with a view to identify the issues involved and means to address the same. The present work is expected to offer excellent scope for future work in this area.