233. IMPLEMENTATION AND REAL TIME ANALYSIS OF OFDMA NETWORKS USING HYBRID MODEL

M.Tamizhanangu1 (Student), K. Sureshkumar2 M.E (Assistant Professor)
C.K. College of Engineering and Technology,
Cuddalore, Tamilnadu
Email: bsivatamizh@gmail.com, m.k.sureshkoumar@gmail.com

To evaluate performance of any cellular network, throughput evaluation is the fundamental parameter. Orthogonal frequency division multiplexing (OFDM) has become one of the most promising radio interface technologies for future generation wireless networks. In proposed system a hybrid model consist of both analysis and simulation. The benefit of the model is that the throughput of any possible call state in system can evaluated. The probability of possible call distribution is first obtained by analysis which is used as input to event-driven based simulator to calculate throughput efficiency of a call state. By increasing the Net bit rate(R) data throughput can be increased and by introducing fading effect same efficiency can be achieved using Hybrid model. The simulation is being done by using MATLAB simulation.

ISBN 978-81-904760-6-5