



MONAD UNIVERSITY
ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT

Established by UP State Govt. Act. No. 23 of 2010, & U/S 2(f) of UGC Act. 1956
N.H-24, Delhi Hapur Road, District Hapur-245101, (U.P.) India
www.monad.edu.in

Programme:- M.Tech.(EC)– IIIrd Sem
Course: Mobile Communication (MT-EC-231)

Assignment No: 1

Due date of submission: 11.09.2017

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, programme and Enrolment No. clearly at the top of this page.

Q.1

- a) I know that you are aware about GSM then Differentiate between GSM and CDMA.
- b) I know you are aware about mobile communication then write the basic difference between reflection, diffraction and scattering.

Q.2

- (a) I know you are aware about fading then define Small scale fading & large scale fading with examples.
- (b) You know about channel then write the various Parameters of Mobile Multipath Channels.



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Programme:- M.Tech.(EC)– IIIrd Sem

Course: Advanced Digital Signal Processing (MT-EC-232-1)

Assignment No: 1

Due date of submission: 11.09.2017

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Q.1

- a) Explain DFT and its properties.
- b) Describe FFT Algorithm.

Q.2

- (c) Sketch and explain IIR filter design.
- (d) Write the differences between Band pass and Band stop digital filters.