



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

Program:-B.Tech (EC) - VIII Sem

Course: Non Conventional Energy Resources (EEC-481)

Assignment No: 1

Due date of submission: 12.03.2018

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) Explain various non conventional energy resources.
- b) Sketch and explain Solar cell.

Q.2

- a) Explain solar cell power plant.
- b) Write the relative merits and demerits of non conventional energy resources.



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Program:-B.Tech (EC) - VIII Sem
Course: Optical Network (EEC-482)

Assignment No: 1

Due date of submission: 12.03.2018

Instructions

4. Write the responses to the assignment in your own handwriting.
5. Submit the responses to your HOD within the due date.
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Q.1

- a) You know about the optical network then explain the principles of optical network.
- b) You know about the optical fiber then explain the Characteristics of Optical Fiber in nonlinear region.

Q.2

- a) I know you are aware about switching then explain Optical Packet Switching with suitable example.
- b) Write the difference between multiplexing and de multiplexing with suitable example.



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Program:-B.Tech (EC) - VIII Sem

Course: Wireless Mobile Communication (EEC-483)

Assignment No: 1

Due date of submission: 12.03.2018

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Q.1

- a) You know the mobile communication play an important role in our life then explain the fundamentals of mobile communication.
- b) Define small scale path loss, propagation models, reflection, Diffraction and scattering on the basis of mobile communication.

Q.2

- a) Define Small scale fading, multipath propagation, Impulse response and parameter of multipath channels with example.
- b) Define fundamentals of equalization in communication receiver.



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Program:-B.Tech (EC) - VIII Sem
Course: Electronic Switching (EEC-484)

Assignment No: 1

Due date of submission: 12.03.2018

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Q.1

- a) Explain Message switching.
- b) Sketch and explain circuit switching.

Q.2

- a) What are digital switching systems? Explain them.
- b) Explain the functions of a switching system.