



**MONAD UNIVERSITY HAPUR (UP)**  
**(DEPARTMENT OF AGRICULTURE SCIENCE & ENGINEERING)**

Programme : B.Tech.(Ag.Engg.)  
Course Name : Drying and Storage Engineering  
Course Code : EAG-471  
Assignment No : II  
**Due date of submission: 23.10.2017**

**Instruction**

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 the page.

**Q.1:-**

- (a) Define E.M.C and explain of E.M.C and methods of its determination.
- (b) Define moisture content and explain method of its determination.

**Q.2:-**

- (a) What is drying? Explain drying process.
- (b) Explain the L.S.U dryers



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Programme : B.Tech. (Ag.Engg.)  
Course Name : Food Processing Plant Design &Layout  
Course Code : EAG-473  
Assignment No : II  
**Due date of submission: 23.10.2017**

Instruction

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, Program me, and Enrolment No. clearly at the top of the page.

Q.1:-

- (a) Write about plant layout and its objectives.
- (b) Explain the requirement of plant building and its components.

Q.2:-

- (a) Explain salient features of processing plants for cereals, pulses and oil seeds.
- (b) Explain selection of processes of milk plant.

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Programme : B.Tech. (Ag.Engg.)  
Course Name : Micro Irrigation System Design  
Course Code : EAG-474  
Assignment No : II  
**Due date of submission: 23.10.2017**

**Instruction**

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 the page.

**Q.1:-**

- (a) “Drip irrigation method is the best of other irrigation method”, prove this statement.
- (b) Explain Engineering Terminology used in Micro Irrigation System.

**Q.2:-**

- (a) Explain the promotion problems and limitation of micro-irrigation in India.
- (b) Mention about the types and importance of emitters.



**MONAD UNIVERSITY HAPUR (UP)**  
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Programme : B.Tech.(Ag.Engg.)  
Course Name : Mechanics of Tillage and traction  
Course Code : EAG-475  
Assignment No : II  
**Due date of submission: 23.10.2017**

**Instruction**

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 the page.

**Q.1:-**

- (a) How many types of tillage? Explain the different types of tillage tool used in agriculture.
- (b) Mention about the off road traction and mobility.

**Q.2:-**

- (a) How to improve and increase traction in tillage tool? Explain Briefly
- (b) What is geo statistic? Explain the application of GIS in soil dynamics.