



## MONAD UNIVERSITY HAPUR (UP)

Course : B.Tech.(Ag.Engg.)  
Subject Name : Drying and Storage Engineering  
Sub. Code : EAG-471  
Assignment No: I  
Due date of submission: 10.11.2016

### 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? And explain drying process.
- (b) Explain the L.S.U dryers.



## MONAD UNIVERSITY HAPUR (UP)

Course : B.Tech.(Ag.Engg.)  
Subject Name : Food Processing Plant Design &Layout  
Sub. Code : EAG-473  
Assignment No: I  
Due date of submission: 10.11.2016

### 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) Draw flow diagram of fish and meat plant.

### Q.2:-

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



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

Course : B.Tech.(Ag.Engg.)  
Subject Name : Micro Irrigation System Design  
Sub. Code : EAG-474  
Assignment No: I

**Due date of submission: 10.11.2016**

**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) Explain Engineering Terminology used in Micro Irrigation System?
- (b) What do you mean by Micro Irrigation? Explain The History of micro irrigation in India.

**Q.2:-**

- (a) How many types of micro irrigation system used in agriculture field? Explain the classification of sprinkler system with a suitable diagram.
- (b) Define Drip System? Explain the different components of drip irrigation with a suitable diagram and also write down the advantage and dis-advantage of drip system.



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

Course : B.Tech.(Ag.Engg.)  
Subject Name : Mechanics of Tillage and traction  
Sub. Code : EAG-475  
Assignment No: 1

**Due date of submission: 10.11.2016**

**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 Tillage? How many types of tillage & explain the different types of tillage tool used in agriculture?
- (b) Define Traction? What do you mean by traction modal? Explain briefly with a suitable diagram.

**Q.2:-**

- (a) How to improve and increase traction in tillage tool? Explain Briefly.
- (b) Define tire? Explain Tire function, categories of tire applications and tire sizes and types