NPTEL » Bioenergy



water

Score: 0

alkali metal

Score: 0

alkali metal

Accepted Answers:

less than 1 nm

Accepted Answers: greater than 10 µm

Hydrochloric acid

Hydrazine hydrate

Accepted Answers: Hydrazine hydrate

methane, oxygen

methane, nitrogen

methane, benzene

Accepted Answers: methane, carbon oxide

Score: 0

methane, carbon oxide

No, the answer is incorrect.

No, the answer is incorrect.

Nitric acid

Water

greater than 10 µm

No, the answer is incorrect.

greater than 10 nm but less than 100 nm

less than 1 µm but greater than 100 nm

10) Which microbes undergo aerobic digestion to produce

No, the answer is incorrect.

8) Conventional charcoals are used to remove particulate impurities of size

9) In the lab video, which chemical was used to convert graphene oxide to reduced graphene oxide



About the Course

Ask a Question

Progress Mentor

1 point

1 point

1 point

Unit 10 - Week 8: Bioenergy Distribution & End Use For a Sustainable Future

Course outline	Assignment 8	
How to access the portal		9-09-25, 23:59 IST.
Pre-requisite assignment	As per our records you have not submitted this assignment.	,
Week 1: Introduction to Bioenergy	Overall efficiency of down-drift gasifier is due to heat content carried over by a lot of hot gas high, low	1 point
Week 2: Basics of Biomass Technology & Biomass Resources	Olow, high Ohigh, high Olow, low	
Week 3: Biofuels I	No, the answer is incorrect. Score: 0 Accepted Answers:	
Week 4: Biofuels II	low, high	
Week 5: Biofuels III	2) In down drift gasifier, direction of feed and air is, the amount of ash in the system is	1 point
Week 6: Bio Power I	same, low different, low	
Week 7: Bio Power II	same, high different, high	
Week 8: Bioenergy Distribution & End Use For a Sustainable Future	No, the answer is incorrect. Score: 0 Accepted Answers: same, high	
Lecture 36 - Down drift and Cross Flow Gasifier	 Which of these is not present in the product gas through fixed bed gasifier 	1 point
Lecture 37 - Operation and Performance of Fixed Bed Gasifier	Hydrogen Nitrogen Bromine	
Lecture 38 - Fludized Bed Gasification	No, the answer is incorrect.	
Lecture 39 - Operation and Performance of Fluidized Bed Gasifier	Score: 0 Accepted Answers: Bromine	
Lecture 40 - Biological Root of Gasification and Summary of Course	4) Fluidised bed gasification is of two types: fluidised bed and fluidised bed Circulized, random	1 point
Lecture 41 - Lab Video Lecture	Bubbling, spiral Spiral, random	
Lecture Notes	Circulised, bubbling	
○ Quiz : Assignment 8	No, the answer is incorrect. Score: 0	
○ Feedback for Week 8	Accepted Answers: Circulised, bubbling	
O Solutions - Assignment 8	5) Fluidised bed has temperature distribution and fixed bed has temperature distribution in gasification zone Onon-uniform, non-uniform	1 point
	uniform, uniform uniform, non-uniform non-uniform, uniform No, the answer is incorrect.	
	Score: 0 Accepted Answers: uniform, non-uniform	
	6) To counter slagging, bed temperature is, but it leads to char formation	1 point
	increased, increased	
	increased, decreased decreased, increased increased, decreased	
	No, the answer is incorrect.	
	Score: 0 Accepted Answers: decreased, increased	
	7) Due to high content in herbaceous plants, more ash is produced in fluidised bed gasifier	1 point
	Onon-metal	
	air	