



CENTRE FOR DISTANCE AND ONLINE EDUCATION
TEZPUR UNIVERSITY
Tezpur, Assam-784028

ASSIGNMENT FOR AUTUMN 2021 AND SPRING 2022 EXAMINATION

COURSE NAME- BIOMASS ENERGY
COURSE CODE- DRE 103

Answer the following:

1. What is biomass & biomass energy? Write briefly the conversion processes of biomass to fuel for energy applications. 2+8=10
2. "Biodiesel: a realistic fuel alternative for diesel engines" Explain the statement describing production, fuel characteristics and utilization of biodiesel as fuel replacing petroleum diesel. 10
3. Write short notes on: 5x2=10
 - a) Socio-economic aspects of different biofuels development
 - b) Current status on development of synthesis biofuel.