

M.SC Semester III

Core Course XII

Environmental Chemistry

**TOPIC:-Unit IV, APPLICATIONS OF GREEN
CHEMISTRY, Application 3**

Department of Chemistry

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APPLICATION 3

BIOMASS



BIOMASS

- ◎ Bio-Mass;
 - Uses the living organisms (vegetables and plants) to get useful energy
- ◎ Has a great potential to;
 - Be developed in the industry
 - Solve the current sustainability problems
- ◎ Completely “green”

CONCLUSION

- ⦿ Green chemistry is very environmental friendly and efficient
- ⦿ Green Chemistry Applications
 - Industrial integration
 - Environmentally friendly catalysis
 - Biomass
- ⦿ Apply green chemistry to;
 - reduce fuel oil consumption
 - prevent the damage to environment