

Summary of lesson plan of college faculty

Semester: Even

Class: B.Sc. 2nd Year (minor)

Subject: Chemistry

For the Month of: February to May, 2026

Name of Assistant Professor: Miss. Manisha

Sr. no.	month	Topic to be covered	Academic activity /assignments/ unit test
1	February	Plants as producers: Photosynthesis, pesticides, herbicide, insecticide, fungicide, storage and preservation of agriculture produce, food processing, chemicals (alcohol) from agriculture waste, use of polymers in agriculture	Assignment on Plants as producers
2	March	Soil fertility and soil productivity: urea cycle, Organic and inorganic nitrogen (Haber Bosch Process), nutrient sources fertilizers and manures; essential plant nutrients- functions and deficiency symptoms. Micro nutrients–critical limits in soil sand plants; factors affecting their availability and correction of their deficiencies in plants; role of chelates in nutrient availability.	
3	April	Chemical (elemental) composition of the earth's crust and soils, Chemistry of acids oils; active and potential acidity; lime potential, chemistry of acid soils; sub-soil acidity; Chemistry of salt-affected soils and amendments; soil pH, E Ce, ESP, SAR and important relations; soil management and amendments.	Unit test on Soil fertility and productivity
4	May	Nature and sources of pollutants acid rains, oil spills etc.; air, water and soil pollutants-their effluents– their composition and effect on soil properties/health, and plant growth and human beings; soil as sink for waste disposal	

Summary of lesson plan of college faculty

Semester: Even

Class: B.Sc. 3rd Year (minor)

Subject: Chemistry

For the Month of: February to May, 2026

Name of Assistant Professor: Miss. Manisha

Sr. no.	month	Topic to be covered	Academic activity /assignments/ unit test
1	February	Chemistry of D- block elements	Assignments on Photochemistry
2	March	Photochemistry	
3	April	Structure and bonding	Unit test on Structure and bonding
4	May	Biomolecules	