

DR. NACHARYA

College of Engineering

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: Civil Engineering

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: Engineering Geology (CE-312-F)

Name of Faculty with designation : Ms. Jasira Bashir (Assistant Prof.)

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	16.01.2018 Tuesday	VI-CE	I	Introduction to the subject, Application of the subject and its various units, syllabus, books to be referred, Introduction to Unit-I		
January	18.01.2018 Thursday	VI-CE	I	Geology, definition, scope, importance, sub divisions of geology		Assignment of 02 Ques.
January	22.01.2018 Monday	VI-CE	Basant Panchmi			
January	23.01.2018 Tuesday	VI-CE	I	external and internal geological forces, weathering, and erosion.		Assignment of 02 Ques.
January	25.01.2018 Thursday	VI-CE	II	geologicakl work of ice, water, winds. Soil profile.		Assignment of 02 Ques.
January	30.01.2018 Tuesday	VI-CE	II	Earthquakes and volcanos.		Assignment of 02 Ques.
January	31.01.2018 Wednesday	VI-CE	Guru Ravidas Birthday			
February	01.02.2018 Thursday	VI-CE	III	Mineral and petrology, definition, mineral and rocks.		Assignment of 02 Ques.
February	06.02.2018 Tuesday	VI-CE	III	Classification, description based on physical properties. Rocks of earth surface.		Assignment of 02 Ques.
February	08.02.2018 Wednesday	VI-CE	III	classification of rocks, mineral composition, texture, structure and origin of metamorphic rocks, igneous rocks, sedimentary rocks.		Assignment of 02 Ques.
February	12.02.2018 Monday	VI-CE	1st Sessional Examinations			
February	14.02.2018 Wednesday	VI-CE				
February	16.02.2018 Friday	VI-CE				
February	20.02.2018 Tuesday	VI-CE	III (Section-B)	aims and principles of stratigraphy, standard geological time scale.		Class Test-2 on Unit-II (45 min. duration)

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February	22.02.2018 Thursday	VI-CE	IV	Forms and structures of rocks, bedding plane and outcrops, dip and strike.		Assignment of 02 Ques.
February	27.02.2018 Tuesday	VI-CE	IV	fold, faults, joint and unconformity on outcrops, importance of geological structures in civil engineering.		Assignment of 02 Ques.
February	1.03.2018 Thursday	VI-CE	V	Ground water geology, hydrogeology, aquifers, water table		Assignment of 02 Ques.
March	02.03.2018 Friday	VI-CE	Holi Break			
March	06.03.2018 Tuesday	VI-CE	V	springs and artesian wells. aquifers, ground water in engineering projects. Artificial recharge of ground water		Class Test-3 on Unit-III (45 min. duration)
March	08.03.2018 Thursday	VI-CE	V	elementary ideas of geological investigation, remote sensing technique		Assignment of 02 Ques.
March	13.03.2018 Tuesday	VI-CE	V	hydrological survey and investigation uses of geological maps, interpretation of data and geological reports.		Assignment of 02 Ques.
March	15.03.2018 Thursday	VI-CE	V1	Applied geology		Assignment of 02 Ques.
March	19.03.2018 Monday	VI-CE	2nd Sessional Examinations			
March	21.03.2018 Wednesday	VI-CE				
March	23.03.2018 Friday	VI-CE				
March	27.03.2018 Tuesday	VI-CE	VI	physio graphic divisions in india.		Assignment of 02 Ques.
March	29.03.2018 Thursday	VI-CE	VI	sustainability and stability of foundation, sites and abutments.		Assignment of 02 Ques.
April	03.04.2018 Tuesday	VI-CE	VI	geological condition and their influence on selection, location, type and design of dams.		Class Test-4 on Unit-V (45 min. duration)
April	07.04.2018 Thursday	VI-CE	VI	Reservoirs and tunnels		Assignment of 02 Ques.
April	10.04.2018 Tuesday	VI-CE	VI	highways bridges		Assignment of 02 Ques.
April	12.04.2018 Thursday	VI-CE	V	revision of unit VI		Assignment of 02 Ques.

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April	16.04.2018 Monday	VI-CE				
April	18.04.2018 Wednesday	VI-CE				
April	20.04.2018 Friday	VI-CE				
April	23.04.2018 Monday	VI-CE				
April	25.04.2018 Wednesday	VI-CE				
April	27.04.2018 Friday	VI-CE				
April	30.04.2018 Friday	VI-CE				
May	May 01 to 10, 2018	IV-CE				
May	14.05.2018 Onwards	IV-CE				
NOTE: Other industrial visits (which are not mentioned in the session plan) will be conducted on Saturdays due to time constraint to complete the syllabus						