

Lesson Planning for the semester started w.e.f. 5 Jan 2018

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- MUKESH KUMAR (A.P.)

Department :- Civil

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
January	4th	S.A.-II - Statically Indeterminate Str., Indeterminacy, Rolling load (2week) * I.L.D diag, Moment distribution, Slope deflection Method (2week)	PPT & Revision Section	Test in 1st week
	4th	SURVEY-II Trigonometric levelling (2week) Triangulation, Section, grade, Classification (2 weeks)	PPT & Revision Section	Submission of Assignment in 3rd week
	6th	Transportation-I :- Design of flexible Pavement, G.I, CBR, Treated, Bumpster (2week) Design of rigid Pavement, Westerguard, IRC, Joints design (2week)	Section	
February	4th	S.A.-II - Three hinge Arch analysis for B.M & S.F. (2week) * Drawing of S.F. & B.M for Beam (2weeks)	PPT & Revision both section	Test in 4th Submission of Assignment
	4th	SURVEY-II -> SURVEY Adjustment, Principle of least square Error, (2week) * Astronomy, Latitude, Longitude, Azimuth, determination (2weeks)		
	6th	Transportation-II -> Non-Bituminous Pavement, Compaction, Equipment (2weeks) WBM, WMM, road Construction (2weeks)	PPT & Revision both section	Assignment Submission
March	4th	S.A.-II * Asymmetrical Bending, Centroid, shear Centre (2week) Cable suspension bridge, Single & 2-hinge stiffening girders (2week)	PPT & Revision	
	4th	SURVEY-II - Element of Photogrammetry, Photograph Type (2week) * Flight Planning, Principle of Interpolation (2week)	both section	Assignment Submission
	6th	Transportation-I :- Highway maintenance, WBM road, Benkelman (2week) * Highway drainage - surface & sub-surface (2 week)	PPT & Revision both section	Assignment. Submission.
April	4th	S.A-II Analysis of statically determinate Truss By Joint's Method (2week) Method of section, Method of Tension Coefficient (2weeks)	PPT & Revision	
	4th	SURVEY-II - Remote sensing, Interpretation, Application (2 weeks) * Concept of GRS & GPS, Application in Civil (2 week)	both section	Assignment Submission
	6th	Transportation-II :- Section of Tunnel, selection, Driving in Rock (2week) Driving of Tunnel in soft soil - 2(week)	PPT & Revision both section	Assignment Submission

Signature of the teacher concerned with date

*(Signature)*

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January	4 <sup>th</sup>	<u>SA-II</u> Two Hinged Arch for horizontal Thrust Analytical study of a 3 bar pin jointed Truss	Practical to be performed	File to be checked
	6 <sup>th</sup>	<u>TPI-II</u> Aggregate Impact value Test Los Angeles Abrasion Test on Agg. Dorry's Abrasion Test on Agg.	Practical to be performed	File to be checked
February	4 <sup>th</sup>	<u>SA-II</u> Verification of Muller Breslau Principles Analytical study of an elastically couple beam.	Practical to be performed	File to be checked
	6 <sup>th</sup>	<u>TP-II</u> Attrition Test on Agg. = Crushing Strength on Test of Agg. Penetration Test on Bitumen	Practical to be performed	File to be checked
March	4 <sup>th</sup>	<u>SA-II</u> Sway in Portal frames To study the cable geometry and statics	Practical to be performed	File to be checked
	6 <sup>th</sup>	<u>TPI-II</u> Ductility Test of Bitumen Viscosity Test on Bitumen Softening Point Test	Practical to be performed	File to be checked
April	4 <sup>th</sup>	<u>S-A-II</u> To plot stress-strain Curve for Concrete.	Practical to be performed	File to be checked
	6 <sup>th</sup>	<u>TPI-II</u> Flash & fire point Test on Bitumen.	Practical to be performed & Problems	File to be checked

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