

**Charotar University of Science and Technology
Chandubhai S Patel Institute of Technology
M. S. Patel Department of Civil Engineering**

Sr. No.	Place	Date	Subject	Topics Covered	Semester / Batch
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Year 2009-10

1	Bhaskaracharya Institute of Space Application and Geoinformatics, Gandhinagar	21/04/2010	Advanced Surveying	Remote Sensing (RS), Geographical Information System(GIS)	4
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Year 2010-11

2	Sardar Sarovar Dam & Power House At Kevad	07-10-10	Irrigation & Hydraulic Structures	Dam structure, Reservoir, Power house and turbines	5
3	Flyover at Adajan Circle, Surat.	05/03/ 2011	Railway Bridge & Tunnel Engineering	Bridge Engineering	6
4	Planet Green, Kalali-Chapad Road	08/03/ 2011	Hydrology & Hydraulics	Rainwater harvesting and related projects	4
5	Water Treatment Plant at Ajwa	08/03/ 2011	Environmental Engineering I	Water Treatment Plant operation & working	4
6	KCT Consultancy Service	16/04/ 2011	Geotechnical Engineering II	Field Testing	6

Year 2011-12

7	Drip Irrigation system at AAU	14-09-11	Irrigation & Hydraulic Structures	Drip Irrigation system	7
8	Visit to L&T Institute of Project Management	12-10-11	Construction & Project Management	Project simulation software and	7
9	Visit to Anand Agricultural University	16-02-12	Hydrology & Hydraulics	Weather station for collection of	4
10	Jain Irrigation Systems, Jalgaon, Maharashtra	12/03/ 2012	Irrigation Engineering	Modern irrigation methods, Other irrigation systems, Manufacturing of PVC pipes, Manufacturing of different units for drip irrigation & sprinkler irrigation system.	8

Year 2012-13

11	CSWCTRI, Vasad	31/08/2012	Soil Erosion & Conservation	Water Erosion Control Practices	7
12	Sardar Sarovar Dam & Power House At Kevadia Colony	2/3/2013	Irrigation & Hydraulic Structures	Dam structure, Reservoir, Power house and turbines	6

Year 2013-14

13	Railway Staff College, Vadodara	7/9/2013	Basic Transportation systems	Railway Engineering	5
14	Railway Yard (Nava Yard), Vadodara	7/9/2013	Basic Transportation systems	Railway Engineering	5
15	NHPC Dam construction site	21-22/10/ 2013	Water resource engineering Engineering Geology	Project management Dam construction Hydropower Construction material Concrete Geological mapping and interpretation Power house instrumentation	6
16	Gandhinagar Survey of India Office	28th Feb 2014	Advance Surveying	Visit exhibition at SOI Understand the marking of SOI Ideas about new instruments and maps in surveying	4th Sem Div 1 & 2
17	Atladara Sewage Treatment Plant & Nandesari Incinerator Plant	10/3/2014	Envioenmental Engg. - 2	Sewage Treatment Methods, Design & Solid Waste Management	T.Y.B.Tech - 6th sem
18	Mahi Aqueduct	10/3/2014	Advance Surveying	Component of Aqueduct, Construction procedure of aqueduct	
19	Flyover Bridge at Vadodara and Mahi Bridge at Vasad	11/3/2014	Structure Design and Construction	Pile Foundation, Girder Design, Construction Activities at Site, Construction Materials used, On Site Excecution	T.Y.B.Tech - 6th Sem

Year 2014-15

20	Charusat Hospital - site visit	14/07/2014 From 11:30 am to 2:10 pm	Building Construction	Construction Material and Building Elements, Construcction Activities and to get familiar with new terminology related to the subject	S.Y.B. Tech - 3rd Sem - DIV 2
21	Charusat Hospital - site visit	15/07/2014 from 9:10 to 11: 30 am	Building Construction	Construction Material and Building Elements, Construcction Activities and to get familiar with new terminology related to the subject	S.Y.B. Tech - 3rd Sem - DIV 1
22	Site visist to Railway College and Railway Nava yard, Vadodara	2/8/2014	Basic Transportation systems	Railway Engineering	T.Y.B.Tech - 5th Sem
23	Site visit to Panam Dam & Vanakbori Weir	2/8/2014	Irrigation & Hydraulic Structures	Dam Site, Reservoir, Canal Design, Spillway, Gates on Dam	Final Year B. Tech - 7th Sem
24	Site visist to Railway College and Railway Nava yard, Vadodara	9/8/2014	Basic Transportation systems	Railway Engineering	T.Y.B.Tech - 5th Sem
25	Site visit to Mundra Port, Adani Power plant and Adani Oil refinery	10/9/2014 11/9/14	Basic Transportation systems	Dock and Harbour engineering	TY B.Tech - 5th Sem
26	Structwel, Ultratech laboratory visit, Visit to Blobal Vipassana Pagoda at Mumbai	18/09/2014 to 20/09/2014	Repair and Rehabilitation of structures	Condition assessment survey of actual project, NDT Testing, Laboratory viisit, Structure Asthetics	Final Year B. Tech - 7th Sem

27	Dahod Water Treatment Plant Visit	20/9/14 & 27/9/14	Env. Engg. - 1	Intake Structure, Water Treatment Processes, Consturction of Treatmetn units	TY B.Tech - 5th Sem
28	CSWCTRI, Vasad	20/09/2014 & 27/09/2014	Hydrology & Ground Water Hydraulics	Water Erosion Control Practices, Metrological Equipments,Rain gauges, Evaporimeter	T.Y. Btech (Div-I & II)
29	Site visit to Kapatru Power transmission ltd	24/12/14	Design of structure II	Steel Structure	Steel Structure
30	Visit to Vyara khadi, Vasad	3rd Jan 2015	Advance Surveying	Contour Survey	SY B.Tech 4th Sem
31	Laboratory Exposure at Gujarat Engineering Research Institute, Vadodara	19/01/2015 & 20/01/2015	Highway Engineering	Experiments of Aggregate, Soil and Bitumen	T.Y.B.Tech-6th Sem
32	Atadara Sewage Tratment Plant	13-03-2015 & 21-03-2015	Envioenmental Engg. - 2	Sewage Teatment Methods, Design & Solid Waste Management	T.Y.B.Tech - 6th sem

Year 2015-16

33	Site visist to Railway College and Railway Nava yard, Vadodara	8th August 2015	Basic Transportation systems	Railway Engineering	TY B.Tech - 5th Sem
34	Site visist to Railway College and Railway Nava yard, Vadodara	22nd August 2015	Basic Transportation systems	Railway Engineering	TY B.Tech - 5th Sem
35	Site visit to Mundra Port, Adani Power plant and Adani Oil refinery	17-18 Sep 2015	Basic Transportation systems	Dock and Harbour engineering	TY B.Tech - 5th Sem Div 2
36	Site visit to Mundra Port, Adani Power plant and Adani Oil refinery	30 Sep - 1st Oct 2015	Basic Transportation systems	Dock and Harbour engineering	TY B.Tech - 5th Sem Div 1
37	Visit to Berger Paints factory, Vidhyanagar	11/30/2015	Structural components and design	Design of structures II Construction Technology	Final Year
38	Industrial visit to Kalpataru Power Transmission Pvt. Ltd	11/4/2016	Design of Tall Structures	Types of Transmission Towers, Analysis and Design of towers, Installation, Demonstrations, Test Beds, Software used for design	Mtech 1st Year

Year 2016-17

39	Water Treatment Plant at Ajwa	30th August 2016	Environmental Engg - I	Water Treatment Plant operation & working	TY B.Tech - 5th Sem
40	Site visit to Sardar Sarovar Dam	1st October 2016	Geology		SY B. Tech
41	Industrial visit to Kalpataru Power Transmission Pvt. Ltd	2nd December 2016	Structural Analysis and Design	Structural analysis and design of transmission line towers	Mtech 1st Year
42	Visit Hydrometeorology data collection station, Anand Agriculture University	27th March 2017	Hydrology, Irrigation	Hydrometeorology data collection	TY B.Tech D1 - 6th Sem
43	Visit Hydrometeorology data collection station, Anand Agriculture University	28th March 2017	Hydrology, Irrigation	Hydrometeorology data collection	TY B.Tech D2 - 6th Sem
44	Visit to Waste Water treatment plant, PHARMASEZ, Ahmedabad	6th April 2017	Environmental Engg - II	Waste water treatment	TY B.Tech D1 - 6th Sem
45	Visit to Waste Water treatment plant, PHARMASEZ, Ahmedabad	14th April 2017	Environmental Engg - II	Waste water treatment	TY B.Tech D2 - 6th Sem
46	Visit to Sardar sarovar Dam and extra dosed bridge, Bharuch	13th April 2017	Bridge Engineering	Statue of Unity	M. Tech - 2nd Sem

Year 2017-18

47	Visit Hydrometeorology data collection station, Anand Agriculture University	28th and 29th August 2017	Hydrology, Irrigation	Hydrometeorology data collection	TY B.Tech D1 and D2 - 5th Sem
48	Site visit to Sardar Sarovar Dam	30th August 2017	Irrigation and Hydaulic Structures		Final Year B. Tech D1 & D2
49	Site Visit to Telemetrics Company, GIDC, Vallabh Vidhyanagar	9th September 2017	Design of Structures - II	Gantry girders, cranes types and capacity	Final Year B. Tech D1 & D2
50	Site Visit to Post Tension Services India Pvt. Ltd., Baroda	10th February 2018	Prestressed Concrete Structures	Prestressing construction activity	M.Tech
51	ETP plant, Vatva, Ahmedabad	26th February 2018	Env Engg		TY B. Tech
52	Balaji Agora City Center Site, Vadodara	20th and 21st March 2018	Design of Structures - I		TY B. Tech
53	Adani Port, Mundra	12/05/2018 to 13/05/2018	Construction Technology & Docs and Harbour		Second year & Final year B. Tech

Year 2018-19

54	Adani Port, Mundra	15/07/2018 to 16/07/2018	Construction Technology & Docs and Harbour		Third year & Final year B. Tech
55	Field visit to Sardar Sarovar Dam and Power house, Kevadia Colony, Bharuch	14th August 2018	Irrigation and Hydaulic Structures	River bed power house, A- frame at Dam top, reservior and linked canals	7th Sem B. Tech
56	Field visit to Ultra Tech RMC plant, Vadodara	8th Sept 2018 & 15th Sept 2018	Structural Analysis and Concrete Technology	Concrete Design, smart concrete	5th Sem D1 & D2 B.Tech