

PANDIT DEENDAYAL PETROLEUM UNIVERSITY			
School of Technology, Gandhinagar			
B. Tech. Chemical Engineering (VIII Semester)			
B.Tech Project 2013 Batch			
S/No	Roll no.	Seminar Title	Faculty Guide
1	12BCH037	Effect of pore size distribution on drug loading	Dr. Sukanta Dash
2	12BCH051	Electrolyte Fuel Cells	Dr. Ashish Unnarkat
3	13BCH001	Application of nanotechnology in the removal of fluoride from waste water	Mr. Anirban Dey
4	13BCH002	Hydraulic Fracturing	Mrs Anvita Sharma
5	13BCH004	An overview of conversion of plastics to hydrocarbon fuel	Mr. Anirban Dey
6	13BCH005	Recycling Of Plastic	Dr. Sukanta Dash
7	13BCH006	Current trends in polymer science and technology	Mr. Himanshu Choksi
8	13BCH008	Hydrogen Peroxide Decomposition	Dr. Ashish Unnarkat
9	13BCH009	Numerical techniques for industrial FCC unit	Mrs Anvita Sharma
10	13BCH010	Sustainable hydrogen production from nuclear plant	Mr. Anirban Dey
11	13BCH011	SOX & NOX reduction from thermal power plant emissions	Dr. S.S.Bandyopadhyay
12	13BCH012	Municipal solid waste treatment for energy production	Dr. Pravin Kodgire
13	13BCH013	Anaerobic Digestion	Mrs Anvita Sharma
14	13BCH014	Performance study of an Ammonia-water absorption refrigeration system using Aspen	Mrs. Bharti saini
15	13BCH015	Crude replacement for fuel and petrochemicals	Dr. Pravin Kodgire
16	13BCH016	Recovery of Tartaric acid	Dr. Sukanta Dash
17	13BCH017	Removal of amine degraded products using adsorption techniques	Mr. Himanshu Choksi
18	13BCH018	Membrane distillation	Dr. Pravin Kodgire
19	13BCH019	Arsenic removal from waste water	Mr. Himanshu Choksi
20	13BCH020	Efficiency of sugarcane as a feedstock for petrochemicals	Mr. Himanshu Choksi
21	13BCH022	Hydrogen our Future energy	Dr. S.S.Bandyopadhyay
22	13BCH023	Polymer hydrogel	Mrs Anvita Sharma
23	13BCH025	Fabrication methods and characterization of polymeric membrane	Mrs. Bharti saini
24	13BCH026	Catalytic pyrolysis of biomass in presence of zeolites	Dr. Pravin Kodgire
25	13BCH027	Treatment of effluent from the Dye Industry	Dr. Pravin Kodgire
26	13BCH029	Hydrogen Peroxide Synthesis	Dr. Ashish Unnarkat
27	13BCH030	Emulsification using micro-filtration membranes	Dr. Ashish Unnarkat
28	13BCH031	Bio-colors: New generation additives for industries	Mrs Anvita Sharma
29	13BCH032	CO2 capture by amine absorption	Dr. S.S.Bandyopadhyay
30	13BCH033	Future prospects of Geothermal energy development	Dr. S.S.Bandyopadhyay
31	13BCH034	Membrane bioreactor : Design aspects and application	Mr. Anirban Dey
32	13BCH035	Cadmium Removal from Industrial Waste/Residue	Dr. Ashish Unnarkat
33	13BCH036	Study of hydrogen fuel cell for automobile	Mr. Himanshu Choksi
34	13BCH037	Conducting polymer	Mr. Anirban Dey
35	13BCH038	Biomass energy with emphasis on biofertilizer production	Mr. Himanshu Choksi
36	13BCH039	Micro emulsion Polymerization	Mrs. Bharti saini
37	13BCH040	Production of ethylene by steam cracking of ethane and propane	Dr. Sukanta Dash
38	13BCH041	Industrial waste water treatment: API oil water separator	Dr. Pravin Kodgire
39	13BCH042	A Hysis simulation of Propane refrigeration cycle used in oil and gas industries.	Dr. Sukanta Dash
40	13BCH043	E-waste processing for valuable metal extraction.	Mrs. Bharti saini
41	13BCH044	Design Aspects of Distillation Column	Dr. Ashish Unnarkat
42	13BCH045	Polymer electrolyte membrane Fuel cell	Dr. S.S.Bandyopadhyay
43	13BCH046	Nanotechnology- its sustainability in environment	Mrs Anvita Sharma
44	13BCH048	LNG technology evaluation and design of open rack vaporizers	Dr. Sukanta Dash
45	13BCH049	polymer waste disposal	Mr. Himanshu Choksi
46	13BCH050	Review: Cleaner production and waste minimization strategies in chemical plant	Mr. Anirban Dey
47	13BCH051	Advanced oxidation processes	Dr. Pravin Kodgire
48	13BCH052	Polymer composites containing nanoparticles for better drug delivery	Dr. S.S.Bandyopadhyay
49	13BCH053	Study of Solar energy led adsorption refrigeration cycle using Aspen	Mr. Anirban Dey
50	13BCH054	Pinch Technology	Mrs Anvita Sharma
51	13BCH055	Copper nanoparticles for water treatment	Mrs. Bharti saini
52	13BCH056	Remediation for Fluoride in Ground Water	Dr. Ashish Unnarkat
53	13BCH057	Clean energy : Cold energy utilization in LNG regasification process	Dr. Sukanta Dash
54	13BCH058	Biomass fuelled power plant	Mrs. Bharti saini
55	13BCH059	Surface modification methods for membrane	Mrs. Bharti saini