DEPARTMENT OF CHEMICAL ENGINEERING
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY
SURAT - 395 007 (GUJARAT) INDIA

Ref. No. DoChE/374 /2026-27 **19/11/2026**

B. Tech. IV^{rth} Year (VIIth Semester)
Project-II CH405, End Sem. Examination-2026-27
Date & Time: December 08, 2026, 10 A.M. onwards

Sr. No.	Roll No.	Topic Name	Guide Name	Exam Panel
1	U23CH019	Production of Ethanolamines	ZVPM	ZVPM CMP SK TA2
2	U23CH133			
3	U23CH018	Production of Acetylene		
4	U23CH035			
5	U23CH057	Production of potassium permanganate		
6	U23CH062			
7	U23CH044	Production of Caprolactum	CMP	
8	U23CH081			
9	U23CH043	Production of Melamine		
10	U23CH028			
11	U23CH095	Production of Urea		
12	U23CH093			
13	U23CH111	Production of Propylene Glycol		
14	U23CH097			
15	U23CH050	Production of Ag doped nanoparticle membrane	SK	
16	U23CH051			
17	U23CH040	Removal of Emerging Pollutants Using Hybrid Membrane Seperation Techniques		
18	U23CH042			
19	U23CH036	Extraction of Lignin from Sugarcane Bagasse and Fabrication of Lignin–PVA Electrospun Nanofibrous Membranes for Nanofiltration-Based Heavy Metal Removal from Wastewater		
20	U23CH054			
21	U23CH023	Hybrid Distillation Pervaporation Systems: Enhanced Acetic Acid Dehydration	PAP	AAM AKJ TA1
22	U23CH049			
23	U23CH132	Liquid-liquid Extraction using green solvent		
24	U23CH127			
25	U23CH056	Separation of Formic acid solution using MIBK		
26	U23CH008			
27	U23CH004	Multiphase Flow Pipeline Pressure Drop Modelling		
28	U23CH048			
29	U23CH002	Ethylene Glycol	AAM	
30	U23CH131			
31	U23CH098	Production of green ammonia		
32	U23CH105			

33	U23CH021	Mathematical Modelling of Struvite Crystallization in a Fluidized Bed Reactor: A Coupled Thermodynamic, Hydrodynamic and Kinetic Approach		
34	U23CH094	Production of Gasoline using fluid catalytic cracking		
35	U23CH082			
36	U23CH031	Production of Hydrogen Peroxide	AKJ	
37	U23CH083	Production of oxalic acid from molasses using nitric acid		
38	U23CH104			
39	U23CH067	Production of phthalic anhydride		
40	U23CH072			
41	U23CH119	-		
42	U22CH089			
43	U23CH135	Production of Methyl Acetate	MC	MC AKM PPT TA3
44	U23CH103			
45	U23CH020	Production of Sorbitol		
46	U23CH060			
47	U23CH124	Ethylene Oxide		
48	U23CH074			
49	U23CH045	Temple Waste MFC With Coconut Derived Electrode	AKM	
50	U23CH099			
51	U23CH106	Development of a Selective Reactive Forward Osmosis Membrane for Ammonia-Controlled Water Recovery from Human Urine in Spacecraft		
52	U23CH055	Microalage based biofuel production enhanced by CRISPR gene editing		
53	U23CH053			
54	U23CH001	AI HAZOP analysis	PPT	
55	U23CH065			
56	U23CH070	Predictive Maintenance Framework for Critical Equipment in an Ethanol Production Plant		
57	U23CH110			
58	U23CH102	Extraction of Pectin from Sweet Lime peels and performing comparative LCA		
59	U23CH118			
60	U23CH033	Evaluation of enhancement properties of nanofluids		
61	U23CH034			
62	U23CH022	Production of Cyclopentanone	JKP	JKP MAD GCJ
63	U23CH063			
64	U23CH076	Oil Spill Remediation in Sea Water Using Activated Pineapple Peel Biochar		
65	U23CH109			
66	U23CH006	Production of Bromine		
67	U23CH007			
68	U23CH029	Improving the bioavailability of BCS Class II drug Fenofibrate	MAD	
69	U23CH046			
70	U23CH087	Iterative analysis for Process and Plant Safety		
71	U23CH092			
72	U23CH088	Creation of Ionic Liquids Library Using Delta Learning		
73	U23CH122			
74	U23CH123	Simulation and LCA case study on Production of bioethanol		

75	U23CH079			
76	U22CH011	-		
77	U23CH113	Production of Acrylonitrile	GCJ	
78	U23CH114			
79	U23CH084	Production of Styrene		
80	U23CH086			
81	U23CH096	Toluene Diisocyanate (TDI)		
82	U23CH077			
83	U23CH085	Production of diethanolamine		
84	U23CH134			
85	U23CH089	Paper Microfluidic Fuel Cell	VNL	VNL SRP JS
86	U23CH107			
87	U23CH013	Material for Supercapacitor		
88	U23CH009			
89	U23CH068	Techno Economic Analysis of renewable energy systems		
90	U23CH075			
91	U23CH039	Hybrid Capacitor		
92	U23CH041			
93	U23CH047	Production of Nitrobenzene		
94	U23CH027			
95	U23CH003	Production of Sustainable Aviation Fuel	SRP	
96	U23CH061			
97	U23CH030	Manufacturing of Polyvinyl Butyral		
98	U23CH025			
99	U23CH108	Foam Fractionation for Cosmetic Wastewater	JS	
100	U23CH015	Hydrogen production through Electrocatalysis		
101	U23CH016			
102	U23CH100	Metal Extraction from spent lithium-ion batteries		
103	U23CH130			
104	U23CH010	Carbon capture in coil tube reactor		
105	U23CH037			
106	U22CH028	Simulation of Green Hydrogen Production by Water Electrolysis		
107	U23CH014	Perovskite Solar Cell Simulation	JVG	JVG SKS VKR
108	U23CH017			
109	U23CH115	Optimization of Perovskite solar cell using SCAPS-1D and analysis via RSM		
110	U23CH116			
111	U23CH026	Gen AI in chemical industry		
112	U23CH121			
113	U23CH080	Simulation of perovskite solar cell by SCAPS-1D		
114	U23CH091			
115	U23CH052	Production of calcium-based MOF	SKS	
116	U23CH117	Green Synthesis of Nanoparticles using orange and moringa extracts for the development of nanocomposites		
117	U23CH126			
118	U23CH128	Plant Layout of butyl acrylate		

119	U23CH129			
120	U23CH066	Production of calcium Ammonium nitrate		
121	U23CH125			
122	U23CH011	Production and Experimental Analysis of Ethanol		
123	U23CH059			
124	U23CH112	Pyrolysis of cotton stalk	VKR	
125	U23CH120			
126	U23CH024	Electrochemical Synthesis of ZIF 8		
127	U23CH032			

TA1: DK, TA2: Monali, TA3: HC

19.11.26

Dr. Jogender Singh
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Project/ Seminar

19/11/26

HOD
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