

**BHARATI VIDYAPEETH**  
(Deemed to be University)  
**COLLEGE OF ENGINEERING, PUNE-411043**

**DEPARTMENT OF CHEMICAL ENGINEERING**  
**Student Projects (2014-15 to 2017-18)**

**Academic Year 2017-18**

Sr. No.	Title of project	Student Information			Name of Faculty
		Roll No	PRN	Name	
1.	Manufacturing of Benzyl salicylate	23	1400000382	Saksham Srivastava	Dr. Chavan P. V.
		41	1400000405	Vivek Kr. Singh	
		47	1000000240	Snehil Chaturvedi	
2.	Synthesis of Titanium dioxide feedstock by thermal oxidation, using carbo-chlorination process.	33	1400000393	Shubham Alok Gurtu	Dr. Attar Salim Jamaruddin
		6	1400000349	Amit Kumar	
		51	1300000265	Peeyush Kumar Sharma	
3.	Manufacturing of oxalic acid from agro waste(Molasses)	21	1400000380	Renuka Rawat	Dr. Attar Salim Jamaruddin
		4	1400000346	Akshat Srivastava	
		44	1500001043	Devendra Singh Rathore	
4.	A comparative study on water disinfection using nanoparticles.	31	1400000390	Shivam Mishra	Mr. Kulkarni Anand Dattaray
		25	1400000384	Sankalp Agarwal	
		37	1400000399	Tanuj Tiwari	
5.	Synthesis of Bio-Plastics and Comparison of Plasticizers	30	1400000389	Shaurya Narayan Pathak	Dr. Mrs. Jadhav Sunita Mahesh
		19	1400000376	Pratyaksha Gujel	
		24	1400000383	Sanjit Sounderrajan	
6.	Manufacturing of ethylene from ethylene oxide.	13	1400000368	Ibadur Rehman	Dr. Mrs. Shinde Veena Anand
		43	1400002308	Akshita Sharma	
		45	1500001044	Jadhav Mayuresh Mugutrao	
7.	Manufacturing of hydrochloric acid using synthesis of hydrogen and chlorine.	26	1400000385	Saurabh Srivastava	Dr. Mrs. Shinde Veena Anand
		3	1400000345	Ajay Singh	
		53	1300000227	Aayush Nanda	

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8.	Fluoride removal by adsorption	36	1400000396	Suraj Bansal	Mrs. Kulkarni Kavita Shripad
		10	1400000357	Chaudhari Hitesh Kr. G	
		57	1300000778	Fazeel	
9.	Synthesis of Vinyl Chloride	18	1400000375	Pawan Kumar	Dr. Chendake Yogesh Jayasing
		55	1300000228	Abhigyat Kr Pandey	
		56	1300000236	Anurag Verma	
10.	Effluent treatment of Dairy Waste	22	1400000381	Rishika Jakhanwal	Dr. Chendake Yogesh Jayasing
		1	1400000342	Abhishek Patel	
		9	1400000355	Baxi Atharva Mangesh	
11.	Degradation of acetamiprid using advanced oxidation processes	42	1400001371	Harshit Chandliya	Mr. Patil Prasad Balaso
		46	1500001045	Narule Shashank Anilkumar	
		54	1300000278	Vaibhav Patel	
12.	Manufacturing of Sodium Tri-Polyphosphate	29	1400000388	Shakti Singh Tanwar	Mr. Patil Prasad Balaso
		11	1400000361	Gaurav Bisht	
		39	1400000403	Vijay Moirangthen	
13.	Refining of used lubricating oil	8	1400000354	Arpit Suri	Mr. Chaudhari Prashant L.
		12	1400000364	Gavai Ankur Milind	
		28	1400000387	Shaikh Ayyaz Mehboob	
14.	Production of Biodiesel from waste cooking oil	14	1400000369	Jayesh Bajpai	Mr. Chaudhari Prashant L.
		5	1400000348	Aman Tripathi	
		34	1400000394	Simran Gupta	
15.	Preparation of sunflower oil and water emulsion using different surfactants and different techniques of preparation	38	1400000401	Urvashi D Boradia	Mr. Kulkarni Rahul Kashinath
		27	1400000386	Shaikh Afaq Altaf Ahmed	
		40	1400000404	Vinay Tiwari	
16.	Preparation of soya bean oil and water emulsion using different surfactants and different techniques of preparation	2	1400000344	Aishwarya Isha	Mr. Kulkarni Rahul Kashinath
		49	1300000243	Gaurav Bisht	
		59	1300000259	Nishant Jaiswal	

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		Roll No	PRN	Name	
17.	Manufacturing of Aspirin	35	1400000395	Srishti Upadhyay	Mr. Bandpatte Sagar Chandu
		48	1300000239	Ayush Tripathi	
		52	1300000781	Shubham Goel	
18.	Production of bio-oil from groundnut de-oiled cake	32	1400000392	Shrishti Verma	
		58	1300000833	Rishabh Jain	
19.	Fluidized Catalytic Cracking	16	1400000372	Kumar Sonu	
		15	1400000371	Kartik Gurjar	
		17	1400000373	Nidhi Arora	
20.	Power alcohol from agricultural wastes	7	1400000350	Aniruddha Ojha	
		20	1400000377	Pulkit Sharma	
		50	1300000253	Udit Lunagariya	

**Academic Year 2016-17**

Sr. No.	Title of project	Student Information			Name of Faculty
		Roll No	PRN	Name	
1.	Energy Conservation in Cooking Process	23	1300000780	Saumya Misra	Dr. Chavan P. V.
		12	1300000252	Kunal Singh	
2.	Separation of oil & pectin from Citrus Limetta and study of effect of peel size, temperature, ph, & time on the yield of pectin.	9	1300000238	Ayush Garg	Dr. Attar Salim Jamaruddin
		22	1300000779	Keshav Kumar Jha	
3.	Production of Biofuels from Sweetsop	16	1300000270	Saloni Adarsh	
		18	1300000279	Vibhuti Shukla	
4.	Manufacturing of Linear Alkyl Benzene Sulphonate	17	1300000275	Priyal Suryawala	Mr. Kulkarni Anand Dattaray
		5	1300000229	Aishwarya	
5.	Production of Liquid Fuels from Waste Plastic	21	1300000701	Nikhil Shukla	Dr. Mrs. Jadhav Sunita Mahesh
		20	1300000697	Bhanu Prakash Singh	
6.	Solid Waste Management.(Hotel Waste)	4	1200000210	Aniket S Jondhale	Mrs. Kulkarni Kavita Shripad
		1	1100000505	Mukesh Patidar	
		27	1200000222	Priyesh Kumar Shrivastava	
7.	Manufacturing of Polyethylene by Heat Treated Catalyst Process	14	1300000263	Prashant Agarwal	Mr. Patil Prasad Balaso
		24	1300000782	Sudhanshu Gupta	
8.	Manufacturing of Ammonia Using Haldor Topsoe Method	8	1300000237	Ashok Kumar	Mr. Chaudhari Prashant L.
		6	1300000233	Amit Kumar	
9.	Treatment of Industrial Wastewater using Fruit Waste of Orange peels, Banana peels, Coconut Shell and Fish scales	7	1300000234	Amit Kumar	Mr. Kulkarni Rahul Kashinath
		3	1200000186	Aayush Srivastava	
		26	1200000221	Priyanka Priya	
10.	Solar Cloth Dryer	15	1300000268	Rajat Kr Tomar	Mr. Bandpatte Sagar Chandu
		25	1300000783	Tushar N Desai	
		2	1200000194	Amartesh Mishra	
11.	Production of Hydrogen Gas From an Oil-Gas Refinery	13	1300000254	Mayank Sharma	
		19	1300000664	Prashant Gautam	
12.	Manufacturing of Ethyl Acetate	11	1300000248	Kumar Apoorv	Dr. Chendake Yogesh Jayasing
		10	1300000244	Kanishka Gupta	

**Academic Year 2015-16**

Sr. No.	Title of project	Student Information			Name of Faculty
		Roll No	PRN	Name	
1.	Extractive separation of azadirachtin from neem seed kernel	43	1200000233	Thanmayee shastry	Dr. Chavan P. V.
		37	1200000227	Sanghpriya Ambesh	
		07	1100000743	Rajesh Kumar	
2.	Synthesis of bio-butane-diol	19	1200000202	Bhumika Barve	
		22	1200000205	Deepankar Joshi	
		06	1100000741	Parmanand Sharma	
3.	Application of photocatalysis in disinfection of potable water.	17	1200000197	Arun Kumar Chauhan	Mr. Kulkarni Anand Dattaray
		50	1200001852	Akriti Singh	
		45	1200000238	Yatharth Awasthi	
4.	Manufacturing process for styrene monomer.	11	1200000189	Adarsh Shukla	
		04	1100000505	MukeshPatidar	
		36	1200000225	Rinku Kumar	
5.	Manufacturing of m-phenylenediamine by catalytic hydrogenation of m-dinitrobenzene	24	1200000207	Divya Vats	Dr. Mrs. Jadhav Sunita Mahesh
		01	1000000720	Yogendra Yadav	
		02	1100000172	Abhinav Singh	
6.	Treatment of sea water by using activated Carbon CO <sub>2</sub> Adsorption by different catalyst	16	1200000196	AnkurDhiman	Mrs. Kulkarni Kavita Shripad
		15	1200000195	Anjana	
		47	1200000820	Neelesh Mishra	
7.	CO <sub>2</sub> Adsorption by different catalyst	21	1200000204	ChetnaKumari	
		48	1200000821	Rajat Chauhan	
		30	1200000214	MandeepWalia	

8	Manufacturing of ethanol from fermentation process	20	1200000203	Bipul Kumar	Mrs. V A Shinde
		29	1200000213	Kunal Kumar Singh	
		54	1200000201	Bhavya Mishra	
9	Manufacturing of bio-diesel	27	1200000211	Jyoti Bhardwaj	Dr. S. Bankar
		53	1200003309	Nikhil Sharma	
		51	1200001853	ShradhaSuman	
10	Manufacturing of caproic acid	42	1200000232	TasneemTayabali	Mrs. S N Shinde
		25	1200000208	Garima Prakash	
		14	1200000193	Alok Kumar Sahu	
		55	900001299	Vikas Singh	
11	Manufacturing of nitric acid by ammonia oxidation process	31	1200000217	Om Narayan	Mr. Prasad Patil
		05	1100000738	BrijBhushanJaiswal	
		44	1200000236	Vikas Kumar	
		13	1200000191	Akash Kumar	
12	Manufacture of ammonia using Haldor Topsoe method	10	1200000188	Abhishek verma	
		32	1200000218	Prashant Singh	
		38	1200000228	Shashi Shekhar	
13	Decolourisation of dye using fungal bio reactor	46	120000819	Ankit Pandey	Mr.PL Chaudhari
		49	1200000822	SanchitMongia	
		35	1200000224	Rajat	
14	Plastic pyrolysis using different catalyst.	52	1200001854	TanviShrivastava	Mr. Kulkarni Rahul Kashinath
		08	1200000185	AashirwadSangal	
		12	1200000190	Akansha Yadav	

15	Pyrolysis and catalytic cracking of municipal plastic waste to recover gasoline range of hydrocarbons	09	1200000187	AbhayShrang Raj	Mr. Bandpatte Sagar Chandu
		41	1200000231	Tanya Sharma	
		39	1200000229	ShobhitMathur	
		18	1200000199	Bhanu Chauhan	
16	Methane synthesis from waste	28	1200000212	Krishna Kumar Jha	Dr. Chendake Yogesh Jayasing
		26	1200000209	Golaco Christna Janario	
		23	1200000206	Dinesh kumarVerma	
		03	1100000489	Ashvani Roy	

Academic Year 2014-15

Sr. No.	Title of project	Student Information			Name of Faculty
		Roll No	PRN	Name	
1	Manufacture of bio-ethanol using rice husk as feed stock	43	1100000519	Upasana Ghosh	Dr. Chavan P. V.
		40	1100000498	ittyshree Lakhanpal	
		44	1100000651	Achhyut Shukla	
2	Manufacture of bio-ethanol using sugarcane molasses	42	1100000507	Payal Jain	
		15	1100000179	Amit	
		26	1100000215	Puneet Garg	
3	Manufacture of butanol using biomass	47	1100000742	Priya kaushal	Mr. Kulkarni Anand Dattaray
		30	1100000229	Sujay kumar Mishra	
		49	1100001906	Kartikay Vyas	
4	Production of biodiesel by Novel techniques	20	1100000187	Appurv Tiwari	
		50	1100005388	Saurabh Gupta	
		46	1100000740	Md . Firdosh	
5	Manufacture of bio-ethanol from potatoes	27	1100000221	Saurav Swetank	Mrs. Kulkarni Kavita Shripad
		25	1100000214	Pranay G.	
		19	1100000185	Anupam Kumar	
6	Manufacture of 1,3 butadiene from ethanol	37	1100000487	Aman Gupta	
		41	1100000504	Mridul Chauhan	
		35	1100000240	Abbas Zargham	
7	Production of monoethylene glycol	16	1100000180	Anirudh Mehta	S R Satpute
		23	1100000202	Gaurav Ohri	
		17	1100000182	Ankit Sakhuja	



8	Manufacture of phenol by cumene oxidation process	45	1100000739	Dushyant singh	
		4	900001287	Saurabh	
		29	1100000224	Shivam Awasthi	
9	Manufacture of aspirin	28	1100000222	Shefali khare	Mrs. V A Shinde
		22	1100000199	Faisal Ahtram	
		31	1100000230	Tarun Arora	
10	Manufacture of urea	21	1100000194	Brijesh Bachkaniwala	Mrs. S M Jadhav
		24	1100000205	Lilamber Khand	
		13	1000001096	Mulik Avinash	
11	Manufacture of Terephthalic acid	34	1100000237	Vishakha Sharma	Mrs. S N Shinde
		32	1100000233	Twarnit Suman	
		33	1100000235	Vikas chippa	
12	Manufacture of acetic acid from acetaldehyde	14	1100000176	Akshit Dhingra	Mr. Patil Prasad Balaso
		11	1000000607	Vipin Chauhan	
		3	900001273	Mandeep Kumar	
13	Manufacture of formaldehyde from methanol	36	1100000274	Minakshi Ranjan	Mr. Chaudhari Prashant L.
		1	800003326	Akansha Prasad	
		2	800003346	Mohd Abul Khair	
14	Ethanol production by chemical process	48	1100001335	Sahil Garg	Mrs. Veena V Bobade
		12	1000000788	Mayank Ahuja	
		39	1100000495	Deepak Kumar	
15	Manufacture of chlorine – caustic soda by electrolysis process	18	1100000183	Ankush Gupta	Mr. Kulkarni Rahul Kashinath
		38	1100000490	Aviral Kandpal	
		51	1200002261	Sushant Mali	

16	Production of propylene oxide	9	1000000455	Shivam Kesari	Mr. Bandpatte Sagar Chandu
		10	1000000461	Ved Prakash	
		7	1000000186	Pinky Sharma	
17	Production of sodium bicarbonate	8	1000000453	Harsha Shinde	Dr. Chendake Yogesh Jayasing
		5	1000000166	Ayush Lohia	
		6	1000000171	Gaurav Tuteja	