

**BHARATI VIDYAPEETH DEEMED UNIVERSITY
COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF CHEMICAL ENGINEERING**

Summary of Student Research Publication (2013-14 to 2016-17)

Sr. No.	Academic Year	No. of Research Papers Published in		Total	No. of Research Papers listed in standard databases			Citations
		Journal			Scopus	Web of Science	Google Scholar	
		IJ	NJ					
1.	2016-17	18	-	18	4	3	6	05
2.	2015-16	11	-	11	2	0	5	01
3.	2014-15	17	-	17	0	1	9	33
4.	2013-14	18	-	18	6	2	12	44
Total		64	-	64	12	6	32	83

Academic Year 2016-17

International Journal

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1.	Motegaonkar, S, Kulkarni, R.,and Shinde S.	Isobaric vapour liquid equilibrium of tertiary mixture of Hexane-Cyclohexane-Methyl t-butyl ether and residue curve mapping	International Journal of Science and Research	5(9)	1384-1386	2319-7064	2016	6.391	N	N	N	--
2.	Abdulsalam , R. M., Attar, S. J., and Kulkarni K.S.	Electrochemical Degradation of Textile Dye Wastewater Using Stainless Steel Electrode	International Journal of Scientific Engineering and Research (IJSER)	4 (10)	97-100	2347-3878	2016	3.8	N	N	Y	00
3.	Hattale,H.	Liquid-liquid extraction of O-cresol from O-Cresol & water mix.by using	International journal of Engineering Research and Reviews.	4(4)	69-73	2348-697X	2016	3.72	N	N	N	--

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									Scopus	Web of Science	Google Scholar	
		EDC as an extractant.										
4.	Abdulsalam , R. M., Attar, S. J., and Kulkarni K.S	Decolourization of Procion Red mx5b Dye by Electrochemical oxidation	International Journal of Science and Engineering	5 (7)	1635-1638	2319-7074	2016	6.319	N	N	N	--
5.	Saxena, N., Mali, N. ,and Satpute, S.	Study of thermally coupled distillation systems for energy-efficient distillation	Sadhana - Academy Proceedings in Engineering Sciences	42(1)	119-128	0256-2499	2017	0.74	Y	Y	Y	00
6.	Khedkar, M.A.: Nimbalkar, P.R., Gaikwad, S.G., Chavan,	Sustainable biobutanol production from pineapple waste by using Clostridium acetobutylicum	Bioresource Technology	225	359-366	0960-8524	2017	5.47	Y	Y	Y	03

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
	P.V., and Bankar, S.B.	B 527: Drying kinetics study										
7.	Mali, N.A., Mali, P.K., Patil, A. P. and Joshi, S.S.	Vapor-Liquid Equilibrium Data for Binary Mixtures of Acetic Acid + Anisole, Acetone + Anisole, and Isopropanol + Anisole at Pressure 96.15 kPa	Journal of Chemical and Engineering Data	62(3)	947-953	0021-9568	2017	1.835	Y	Y	Y	02
8.	Kulkarni ,K., Dhiman,A. , and Kumar S.	Use of granular activated carbon for the treatment of sea water	Int. J. Chem. Sci.	14 (4)	1-8	0972-768X	2016	0.16	N	N	Y	00
9.	Mali, P.K.,and Chavan,	Vapor Liquid Equilibrium Data	Int. J. Chem. Sci.	14 (3)	1511-1519	0972-768X	2016	0.16	Y	N	Y	00

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
	P.V.	Generation for Acetic Acid and P-Xylene at Atmospheric Pressure										
10.	Pawar, S.S., and Chavan, P.V.	Production of Bioethanol from biomass	International Journal of Advance Research, Ideas and Innovation in Technology	3 (3)	1550-1555	2454-132X	2017	4.295	N	N	N	--
11.	Thorat, S., Kulkarni, K. and Kulkarni, A.D.	Doping of Calcium of Hydroxide on Bioadsorbent for Removal of Fluoride from Water	International Journal of scientific research and Management	5(6)	5700-5709	2321-3418	2017	2.14	N	N	N	--
12.	Yadav, S.S. and Chavan,P. V.	Vapour- Liquid Equilibrium Data for the binary system of Ethylene	International Journal for research in applied science and	5(6)	1-9	0972-768X	2017	1.656	N	N	N	--

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
		Glycol with Butanol at 90,50,10 KPa	engineering technology									
13.	Gajbhiye, A., Kulkarni K., and Kulkarni, A.D.	Calcium Ion Impregnated on Water Hyacinth for Defluoridation of water	International Journal of scientific research and Management	5(6)	5692-5699	2321-3418	2017	2.14	N	N	N	--
14.	Kale,P.C., and Chaudhari P. L.	Removal of reactive blue 221 dye from textile waste water by using zinc peroxide nano particles	International Journal of scientific research and Management	5(6)	5700-5709	2321-3418	2017	2.14	N	N	N	--
15.	Vyawahare, A. A.	Expansion characteristics of polymeric resins	International Journal for research in applied science and engineering technology	5(6)	2310-2316	2321-9653	2017	6.887	N	N	N	--

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
16.	Akshay D. Khade, A.D., and Chendake Y.J.	Improvement in Polysulfone (PSf) Film Properties by Porogen Concept	International Journal for research in applied science and engineering technology	5 (6)	2303-2309	2321-9653	2017	6.887	N	N	N	--
17.	Momin,R. F., Patil,P.B., and Jadhav S.M.	Sonolytic Degradation of Acid Blue 80 Dye	International Journal for research in applied science and engineering technology	5(6)	2342-2349	2321-9653	2017	6.887	N	N	N	--
18.	Thite, T., and Jadhav S.M.	Synthesis of TiO ₂ Photocatalyst For Rhodamine B Dye Degradation Under Solar Light	International Journal For Research in applied Science & Engineering Technology	5(6)	2210-2214	2321-9653	2017	6.887	N	N	N	--

Academic Year 2015-16

International Journal

Sr. No.	Name of the Author(s)	Title of the paper	Name of the Journal	Volume and Issue No.	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1.	Dhage S.S. Kulkarni,K.S.	Adsorption of Carbon Dioxide on Adsorbents Synthesized by Microwave Technique	Chemical Engineering & Process Technology	6(6)	--	2157-7048	2015	1.71	N	N	Y	00
2.	Rasal,S., More,P., Hiragond,C., Jadhav,S., and Khanna,P.K.	Rapid Homogenization Method for Synthesis of Core/Shell ZnO/CdS Nanoparticles and their Photocatalytic Evaluation	Advanced Materials Letters	07 (05)	390-397	0976-3961	2016	1.90	Y	N	Y	01
3.	Kherde, P., Shinde, S.N, and Kulkarni,	Synthesis, characterization and	International Research Journal of	03(06)	2530-2533	2395-0072	2016	6.171	N	N	N	--

Sr. No.	Name of the Author(s)	Title of the paper	Name of the Journal	Volume and Issue No.	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
	M.B.	conductivity studies of Polypyrrole-Expanded Graphite-composites	Engineering and Technology (IRJET)									
4.	Shaikh, I.I., and Chendake, Y.J.	Removal of Ammonium Nitrate from Aquaculture by Sorption using Zeolite	International Journal of Recent Scientific Research (IJRSR)	7(6)	11869-11874	0976-3031	2016	5.971	N	N	N	--
5.	Beedkar, P.P., Kulkarni, A.D., and Kulkarni, K.S.	Defluoridation of Water by Adsorption Phenomenon of the Powered Ficus Religiosa in Batch and Continuous Mode.	International Journal of Science and Research	05(6)	--	2319-7064	2016	6.39	N	N	N	--
6.	Lohar, B., Kulkarni, A.D.	Performance of Electro	International Journal of	05(6)	--	2319-7064	2016	6.39	N	N	N	--

Sr. No.	Name of the Author(s)	Title of the paper	Name of the Journal	Volume and Issue No.	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
		Coagulation Technique for the Treatment of Dairy Waster Water in a Batch Process	Science and Research									
7.	Phale, J.S., and Chendake, Y.J.	Polysulfone Based UF Membrane Preparation by Phase Inversion : Parameter Optimization	International Journal of Science and Research	05(6)	2569-2573	2319-7064	2016	6.39	N	N	N	--
8.	Jedhe, P.R., and Chendake, Y.J.	Biogas- Renewable Energy Source: Optimization of Production and Application	International Research Journal of Engineering and Technology (IRJET)	03(6)	1-6	2395-0056	2016	4.5	N	N	Y	00
9.	Motegaonkar , S.H., Mane,	Residual Curve Mapping and Isobaric Vapor	International Research Journal of	03(06)	2530-2533	2395-0056	2016	6.171	N	N	N	--

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									Scopus	Web of Science	Google Scholar	
	M., Kulkarni, R. K., Shinde, S.N.	Liquid Equilibrium of tertiary mixture of Hexane – Cyclohexane- Methyl t-butyl ether.	Engineering and Technology (IRJET)									
10.	Patil, A.P., and Jadhav,S.M.	Simulation Analysis of Fully Thermally Coupled Distillation Column	International Journal of Chemical Sciences	4(3) .	01-12	0972-768X	2016	0.16	Y	N	Y	00
11.	Thakare, Y.D., Jadhav,S.M.,a nd Wani,K.S.	Acid Orange 7 Dye Degradation Using Combined Acoustic Cavitation with Fenton and Photo Fenton Processes	International Journal of Engineering Science and Computing	06(4)	3379-3386	2321-3361	2016	5.611	N	N	Y	00

Academic Year 2014-15

International Journal

Sr. No	Name of the Author(s)	Title of the paper	Name of the Journal	Volume and Issue No.	Page Nos.	ISSN	Month and Year of Publication	Impact Factor	Listed in Standard Databases (Y/N)			Citations
									Scopus	Web of Science	Google Scholar	
1.	Gore,A. , and Kulkarni,K.	Comparison of Biodiesel Production from Karanja Seeds, Jatropha Seeds &Thumba Oil	International Journal of Emerging Trends in Science and Tech. (IJETST)	01(4)	504-509	2348-9480	2014	2.838	N	N	Y	00
2.	Ganorkar,P.V. , Jadhav,S.M., and Gaikwad,S.G.	Reactive Extraction of Nicotinic Acid with tri-iso-octylamine (TIOA) in 1-Deacnol	International Journal of Advanced Technology in Engineering and Science (IJATES)	02(11)	377-383	2348-7550	2014	2.870	N	N	N	--
3.	Maher,N.N. , Chavan,P.V., and Satpute,S.R.	Degradation of Potassium Permanganate using Acoustic Cavitation	International Journal of Advanced Technology in Engineering and Science	02(12)	230	2348-7550	2014	2.870	N	N	N	--
4.	Nikam,S.V. , Jadhav,S.M.	Photocatalytic Degradation	International Journal of	02(11)	423-432	2348-7550	2014	2.870	N	N	N	--

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									Scopus	Web of Science	Google Scholar	
		Of Metamitron (Herbicide) In Aqueous Solution Using Anatase TiO ₂	Advanced Technology in Engineering and Science									
5.	Bhole,R., Chavan,P.V., and Satpute,S.R.	Acid value Reduction of Jatropho Oil for High Quality Biodiesel	International Journal of Engineering Research and Science & Technology	03(3)	228-232	2319-5991	2014	1.09	N	N	Y	00
6.	Satpute,S.R., Saxena,N., and Chavan,P.V.	Simulation Analysis of Thermally Coupled Distillation Systems	International Journal of Advanced Technology in Engineering and Science	03(6)	117-122	2348-7550	2015	2.870	N	N	N	--
7.	Joshi,V., Patil,P.B., Chaudhari, P.L.,and Kulkarni,K.S	Sonochemical Synthesis of Polyacrylicacid NANOCaCO ₃ Nanocomposite for the Adsorption of	International Journal of Advanced Technology in Engineering and Science	03(6)	168-176	2348-7550	2015	2.870	N	N	Y	01

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									Scopus	Web of Science	Google Scholar	
		Rhodamine- B Dye										
8.	Dhume,S., Chendake, Y. J., and Kulkarni,R. H.	Improvement in Process Economy by Using RO Retentate from Seawater Desalination into Sodium Carbonate Production	International Journal of Advanced Technology in Engineering and Science	03(6)	199-206	2348-7550	2015	2.870	N	N	N	--
9.	Vishwakarma,P., and Shinde,S.N.	Kinetic Study of Acylation Reaction using Ion Exchange Resin	International Journal of Advanced Technology in Engineering and Science	03(6)	251-256	2348-7550	2015,	2.870	N	N	N	--
10.	Amale,P.D., Kulkarni,S.,and Kulkarni,K.S	Studies on Packed Bed Treatment for Organic Matter in Distillery Effluent	International Journal of Engineering Science and Innovative Technology	03(5)	268-272	2319-5967	2014	--	N	N	Y	09
11.	Chalak,P., and	Decolourization of Methyl	International Journal of	03(6)	244-250	2348-7550	2015	2.870	N	N	N	--

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									Scopus	Web of Science	Google Scholar	
	Kulkarni,A. D.	Orange Dye by Using Electrochemical Oxidation and Photocatalysis	Advanced Technology in Engineering and Science									
12.	Amale,P., Kulkarni,S.,and Kulkarni,K.	A review on research for industrial waste water treatment with special emphasis on distillery effluent	International journal of ethics in engineering and management education	1(9)	1-4	2348-4748	2014	5.4	N	N	Y	18
13.	Kelut,P., Kulkarni,K., and Kulkarni,A. D.	CO ₂ adsorption by various catalysts	Chemical and Process Engineering research	18	7-15	2224-7467	2014	5.51	N	N	Y	02
14.	Shende C. S. and Chavan P. V	Esterification of phthalic anhydride with n-butanol using homogeneous catalysts	Journal of the Indian Chemical Society	91	1355-1359	0019-4522	2014	--	N	Y	Y	00

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									Scopus	Web of Science	Google Scholar	
15.	Singh,P., Kulkarni,K., and Kulkarni,A. D.	Improvement of synergetic effect in heterogeneous catalysis by addition of metal oxides	Chemical and Process Engineering research	18	31-34	2224-7467	2014	5.51	N	N	Y	00
16.	Khosravi, M., and Shinde,S.N.	Kinetic study of Esterification of adipic acid with methanol over amberlyst 15	Int. J. of chem. Tech Research	05	4872-4877	0974-4290	2014	--	N	N	Y	02
17.	Ghosh,U., Kulkarni,K., Kulkarni,A. D., and Chaudhari,P. L.	Review: Hydro cracking using different catalysts	Chemical and Process Engineering research	34	51-55	2224-7467	2015	5.51	N	N	Y	01

Academic Year 2013-14
International Journal

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									Scopus	Web of Science	Google Scholar	
1.	Chavan,P.V. and Shende,C.S	Decolourization of phthalate plasticizers using activated carbon	Int.J. Chem. Sci,	04(3)	14-15	0972-768X	2013	--	N	N	N	--
2.	Thakare,Y. D. and Jadhav,S.M.	Degradation Of Brilliant Green Dye Using Cavitation Based Hybrid Techniques	International Journal of Advanced Engineering Technology	04	31-36	0976-3945	2013	--	N	N	Y	06
3.	Topare,N., Raut,.S., Khedkar,S.J .,and Satish V.	A study of process variables for the photo-catalytic degradation of Rhodamine-B using TiO ₂ and Nb ₂ O ₅	Journal of the Indian Chemical Society	90 (12)	2193-2198	0019-4522	2013	--	Y	Y	Y	03
4.	Kulkarni,A. D., and Beldar,Y.	Application of Engineering Microorganism for the	Int. Journal of Engineering Research and	3(4)	922-926	2248-9622	2013	1.69	N	N	Y	00

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									Scopus	Web of Science	Google Scholar	
		Effective Treatment of Paint Shop Wastewater	Applications (IJERA) ,									
5.	Shinde,S.N., and Khosravi, M.	Synthesis of dibasic esters: A review	Indian Journal of research,	3 (5)	79-81	2250-1991	2013	--	N	N	N	--
6.	Kumar,R.B ., and Shinde,S.N.	Reactive extraction of Naphthenic acid and Caproic acid.	International Journal of Advanced engineering Technology	5(2)	103-106	0976-3945	2014	--	N	N	N	--
7.	Singh,P. , Kable,S.P., and Chavan,P.V.	Kinetics of Esterification of Citric Acid with Butanol using Sulphuric Acid	Int. J. Chem. Sci.	12(3)	915-920	0972-768X	2014	0.16	Y	N	Y	00
8.	Saleh,A.M. , and Kulkarni, K.	Production of Bio-Diesel From Wate Cooking Oil By Using Homogenous Catalyst	International Journal Chemical Science	12(3)	941-951	0972-768X	2014	0.16	Y	N	Y	00
9.	Kulkarni K., and	Adsorption of carbon dioxide	International Journal	12(3)	773-784	0972-768X	2014	0.16	Y	N	Y	01

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									Scopus	Web of Science	Google Scholar	
	Mahdi,H.H.	on orange peel and carbon synthesized from orange peel	Chemical Science									
10.	Tadakhe,C. G., and Kulkarni A. D.	Efficient poultry waste management using Anaerobic digestion	International Journal of chemical sciences and research (IJCSR)	01 (07)	1-7	2249-0329	2014	--	N	N	Y	00
11.	Kelut,P., and Kulkarni, A.D.	Separation of tertiary butyl alcohol-water system by using lithium bromide	International journal of emerging technologies in computational and applied sciences	6 (8)	532-535	2279-0047	2014	6.20	N	N	Y	00
12.	Desai,P., and Kulkarni,K. S.	CO ₂ capture by new adsorbent delonix regia fruit	International Journal of Advanced Engineering Technology	5(2)	78-81	0976-3945	2014	--	N	N	Y	00
13.	Javanjal,J., and Parande,M.	Experimental Studies on Heat Transfer Using Plate	Journal of Chemical, Biological and Physical	3(4)	2806-2817	2249-1929	2013	1.310	N	N	Y	00

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									Scopus	Web of Science	Google Scholar	
		Heat Exchanger	Sciences									
14.	Shinde,V.A. and Kadam,K.V.	Technologies for control of sulphur dioxide emission from coal/pet coke fired boiler	Int. J. of Engineering Research & Technology,	2(9)	2104-2112	2278-0181	2013	1.76	N	N	N	--
15.	Kulkarni,K.S., and Shetty,S.	Process Intensification of an Intermediate Stage of Cypermethrin Synthesis	Int. J. of Innovative Research in Science, Engineering and Technology,	2 (10)	5617-5621	2617-5621	2013	5.442	N	N	N	--
16.	Chavan,P.V., and Gore,M.M	Hydrodynamic cavitation using degradation of reactive orange 4 dye	Int. J. Chem. Sci.	11(3)	1314-1320	0972-768X	2013	0.16	Y	N	Y	03
17.	Chavan,,P.V., Gore, M.M., and Pandit,A.B.	Degradation of reactive orange 4 dye using hydrodynamic cavitation	Ultrasonics Sonochemist ry	21 (3)	1075–1082	1350-4177	2014	4.321	Y	Y	Y	31

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									Scopus	Web of Science	Google Scholar	
		based hybrid techniques										
18.	Kulkarni, K.S., Babu, S., Attar, S. J.	Application Of Photo Catalyst For The Degradation Of Food Industry Waste Water.	International Journal Of Engineering Research And Industrial Applications	6(4)	181-187	0974-1518	2013	1.69	N	N	N	--