

	Name	Dr. Yogesh J. Chendake					
	Designation	Associate Professor					
	Qualification	Ph. D. – Tech. (Chemical Engineering)					
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	Email ID	yjchendake@bvucoep.edu.in					
	Experience	Teaching :	4 Years	Industry :	...Years	Research:	11 Years
Area of Interest	Membrane Separation						
Publications	International Journal (s):	9		National Journals (s) :	-		
	International Conference (s):	6		National Conference:			
Research Publications Details (Last five years)	<p>International Journal:</p> <p>[1] Y. J. Chendake, U. K. Kharul, Transport of organic acids through polybenzimidazole based membranes by Chemodialysis, Accepted in J. Membr. Sci., 451 (2014) 243-251</p> <p>[2] Y. J. Chendake, U. K. Kharul, Transport of inorganic acids through polybenzimidazole (PBI) based membranes by chemo-dialysis, Des. Water Treat. 38 (2012) 96-103</p> <p>[3] Y. J. Chendake, Y. S. Bhole, H. R. Lohokare, and U. K. Kharul, Polyarylate based thin film composite (TFC) membranes: effects of coating parameters, gutter layer, and intrinsic material properties, Sep. Sci. Tech. 45 (2010) 163-171</p> <p>[4] Supriya S. Dhume, Yogesh J. Chendake, Rahul K. Kulkarni, Improvement in process economy by using RO retentate from seawater desalination into sodium carbonate production, Int. J. Adv. Technol. Eng. Sci., 3 (2015) 199-206</p> <p>[5] Jayant S. Phale, Dr. Yogesh J. Chendake, Polysulfone based ultrafiltration membrane preparation by phase inversion: parameter optimization, <i>Int. J. Sci. Res.</i>, 5 (2016) 2569 - 2573</p> <p>[6] Ishan. I. Shaikh, Yogesh J. Chendake, Removal of ammonium nitrate from aquaculture by sorption using zeolite, <i>Int. J. Rec. Sci. Res.</i>, 7 (2016) 11869-11874</p> <p>[7] Pravin R. Jedhe, Dr. Yogesh J. Chendake, Biogas - renewable energy source: optimization of production and application, <i>Int. Res. J. Eng. Technol.</i>, 3 (2016) 374 – 379</p> <p>[8] AkshayKhade, Dr. Yogesh J. Chendake, Improvement in Polysulfone (PSf) Film Properties by Porogen Concept, <i>Int. J. Res. Appl. Sci. Eng. Technol.</i>, 5 (2017) 2303– 2309</p> <p>[9] Manisha A. Khedkar, Pranhita R. Nimbalkar, Prakash V. Chavan, Yogesh J. Chendake, Sandip B. Bankar, Cauliflower waste utilization for sustainable biobutanol production: revelation of drying kinetics and bioprocess development, <i>Bioprocess BiosystEng</i>, DOI: 10.1007/s00449-017-1806-y</p> <p>National Journal:NIL</p> <p>International Conference:</p> <p>[1] Y. J. Chendake, U. K. Kharul, Acid transport through polymeric membranes, DAE-BRNS Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC), 2010, IGCAR Kalpakkam, India.</p> <p>[2] Y. J. Chendake, U.K. Kharul, Separation of lactic acid by chemodialysis, Indo-Euro workshop on membrane separation (MEMSEP), 2011, Anna University, Chennai, India.</p> <p>[3] Y. J. Chendake, U. K. Kharul, Transport of acids through polymeric membranes, Polymer science and technology: vision and scenario, Polymeric congress (APA), 2009, IIT Delhi, India.</p> <p>[4] A. R. Ahire, Y. J. Chendake, U. K. Kharul, Selective permeation of acid through polymeric</p>						

	<p>membranes, Recent advances in polymeric materials (MACRO), 2009, IIT Chennai, India. [5] Y. J. Chendake, P. B. Karadkar, U. K. Kharul, R. V. Gadre, V. V. Jogdand, Transport of carboxylic acids through polymeric membranes, International conference on membrane science and technology (ICCMR), 2008, CGCRI Kolkata, India.</p>
Research Projects	<ol style="list-style-type: none"> 1. Preparation of ultrafiltration membranes with low fouling properties for different applications Funding agency – BVUCOE, Pune Duration – 01/12/2014 to 30/11/2016 Status - Completed 2. Ultrafiltration membrane with desired permeation properties Finding agency: Bharati Vidyapeeth Deemed University, Pune Duration – 01/07/2015 – 30/06/2016 Status - Completed 3. Preparation of Ultrafiltration Membranes with precise control on pore morphology and permeation characteristics for water treatment application Finding agency: TEQIP-II Duration – 28/03/2016 – 30/03/2018 Status - Completed 4. Charged graphite nanoplatelets anchored Ultrafiltration Membranes for separation of heavy metals from water Finding agency: DST Nanomission Duration – 2 years Status –Rs. 33.72lakh (May 2018)
Books / Book chapters Published	<p>Book:NIL Book chapter: NIL</p>
Professional Memberships	<ol style="list-style-type: none"> 1. International Association of Engineers 2. International Society for Development and Sustainability (ISDS), Japan (ID: M171763) 3. Institute for Engineering Research and Publication(IFERP)
Workshop/ Seminar/ Conference attended	<ol style="list-style-type: none"> 1.High Impact Presentations: Del-Carnegie at BVUCOE Pune (Sept. 2015) 2.QIP: Contemporary trends in process system engineering and management: CIT Coimbatore (Nov. 2014) 3. TEQIP-II Best policies and practices: SGGS, Nanded (January 2014)
Achievements	<p>Patent: Kharul U. K., Gadre R. V., Jogdand V. V., Chendake Y. J., Polybenzimidazole based membrane for deacidification, <i>WO 2010/097681</i></p>
Extra Activities	<ol style="list-style-type: none"> 1. NBA coordinator for Department of Chemical Engineering, 2. Library committee member – BVUCOE Pune, 3. Member board of Studies – Department of Chemical Engineering, 4. Conference session co-chairman: NANOCON -2014, 5. Conference session chairman: SCHEMCON – 2015 6. Convener National conference: SANVARGAM – 2016 7. Conference session judge: PRAKALP - 2016 8. Conference session judge: PRAKALP – 2017 9. National advisory committee member: International Conference On Technological Innovation In Engineering And Management-2017 (ICTIEM-17)

