

Name: Dr. B.G.Gaikwad
Division: C.E.Division
Email: bg.gaikwad@ncl.res.in
Phone: 020-2590-3061
Fax: 020-2590-2612



Education and experience

- PhD. (Chemistry), Pune University, Pune
- Fermentation
- Biotransformation
- Immobilization
- Downstream processing

Achievements

- Papers
- Patents

Research subjects:

- Biotechnology
- Downstream processing

Research Areas

- Cell growth optimization
- Enzyme production
- Biotransformation
- Immobilization
- Downstream processing

Recent publications

- Varma R.J. & Gaikwad B.G. "Continuous phenol biodegradation in a simple packed bed bioreactor of ca-alginate-immobilized *Candida tropicalis* (NCIM 3556)", World Journal of Microbiology and Biotechnology, 26, (2010), 805-809.
- George S., Phalgune U.D., Rajamohanam P.R., Gaikwad B.G. and Varma R.J. "NMR in Environmental science: An insight to the degradation of phenols in a bioreactor" paper presented in 'Proceed-ings of the National Seminar on Chemistry and Environment' September 2-4, 2010 held at Department of Chemistry, St. Paul's College, Kalamassery, Cochin-683503 , Kerala, p.2-19. editor Raju P.
- Varma, Rita J.; Gaikwad, Bhaskar G. and Deshpande, Sunita R. "Preparation of optically active amines from oximes: yeast catalyzed selective reduction." BioChemistry: An Indian Journal, 4(2), (2010), 65-70
- Varma R.J. & Gaikwad B.G., "Biodegradation and phenol tolerance by recycled cells of *Candida tropicalis* NCIM 3556" International Biodeterioration & Biodegradation, 63 (2009), 539-542.
- Varma R.J. & Gaikwad B.G. "Rapid and high biodegradation of phenols catalyzed by *Candida tropicalis* NCIM 3556 cells." Enzyme Microb. Technol., 43 (2008), 431-435.