

Research Publication from B.E student's research projects:

1. Pranita A D'Souza , Priyanka A.Naik, Shubashree C. Rao, Saujanya Vyas, Anusha M. Palan, Belrin Cornelio, **Vinayaka B.Shet, C.Vaman Rao**. Fermented fruit juice production using unconventional seasonal fruits through batch fermentation. *Journal of Microbiology, Biotechnology and Food Sciences*, June-July 2017, 6 (6):1305-1308. (DOI 10.15414/jmbfs.2017.6.6.1305-1308)
2. Maneeshi Shetty, Candida Mavis Fernandes, Suraksha P., Nireeksha Karkera, Karthik Hegde, **Vinayaka B. Shet, C.Vaman Rao**. Production of eco friendly adhesive from jackfruit seed. *Res. J. Chem. Env. Sci.* Vol 4 [4S] 2016.102-106
3. Varun C., Aishwarya, Anusha M. Palan, Shama U. Rao, **Vinayaka B. Shet, C. Vaman Rao, Ujwal P.**, Grynal D'Mello. Modelling of microwave assisted coconut leaf acid hydrolysis pre-treatment process for maximum release of reducing sugars. *Res. J. Chem. Env. Sci.* Vol 4 [4S] 2016. 06-11
4. Pranita A D'Souza , Shubashree C. Rao, Priyanka A.Naik , Saujanya Vyas, Anusha M. Palan, Belrin Cornelio, **Vinayaka B.Shet, C.Vaman Rao**. Production of fermented fruit juice using unconventional seasonal fruits through batch fermentation. *Res. J. Chem. Env. Sci.* Vol 4 [4S] 2016. 01-05
5. **K. Sandesh, P. Ujwal**, Blecita D. Mascarenhas, Gayatri Dhamannavar, Narmada Kumar and Dakshayini., "Design and Fabrication of Miniature Bubble Column Bioreactor for Plant Cell Culture". *Biotechnology and Biochemical Engineering*, 2016, 1st Ed., pp 163-169. (DOI 10.1007/978-981-10-1920-3_18).
6. **Vinayaka B. Shet**, Nisha , Manasa Bhat , Manasa , Leah Natasha S. Mascarenhas, **Louella Concepta Goveas, C. Vaman Rao, Ujwal P**, Optimization of Na₂CO₃ pre-treatment by RSM approach for releasing reducing sugars from cocoa pod shells. In: *Bioprocessing and Bio Chemical Engineering - Select Proceedings of ICACE 2015*, 1st edn. Springer, Singapore, **2016**, pp 85-91 (DOI: 10.1007/978-981-10-1920-3_9)
7. Pradeepa, Akshay D Shetty, Koshi Matthews, Aswathi R Hegde, Akshatha B, Alvita Betilla Mathias, Srinivas Mutalik, **Vidya SM**. Multidrug resistant pathogenic bacterial biofilm inhibition by

Lactobacillus plantarum exopolysaccharide. Bioactive Carbohydrates and Dietary Fibre **2016**, 8: 7-14.

8. N Sharmada, Apoorva Punja, Sonali S Shetty, **Vinayaka B Shet, Louella Concepta Goveas, C Vaman Rao**. Optimization of pre-treatment of de-oiled oil seed cake for release of reducing sugars by response surface methodology, Bioethanol Journal, 2(1):94-102, **2016**.
9. Vibha Nayak, Pooja V. Pai, Ashwini Pai, Supriya Pai, Sushma Y. D, and **C. Vaman Rao**. A Comparative Study of Caffeine Degradation by Four Different Fungi. Bioremediation Journal, 17: 79-85, **2013**.
10. Pooja V. Pai, , Ashwini Pai, Supriya Pai, Sushma Y. D, Vibha Nayak, and **C. Vaman Rao**. Effect of Glucose and Nitrogen source on Caffeine Degradation by Four Filamentous Fungi. Indian J. of Biotechnology 12: 432-434, **2013**.
11. Charanya Sampath, Harshitha, M. J, Maithili, Sneha Nayak, and **C. Vaman Rao**. Isolation and Characterization of Caffeine Degrading Bacteria from Coffee Pulp. Ind. J. of Biotechnology 11: 86-91, **2012**.
12. Deepa Shenoy, Anjali Pai, Vikas, R. K, Neeraja, H. S, Deeksha, J. S, Chetan Nayak, **C. Vaman Rao**. A Study on Bioethanol Production from Cashew Apple Pulp and Coffee Pulp Waste. Biomass and Bioenergy, 35: 4107 – 4111, **2011**.