

Dr. Anu Jacob's Profile



Anu Jacob, M Tech, PhD

Designation: Assistant Professor

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Date of Joining : 06/01/2010

Academic Background

Degree	University	Year
Ph.D.	Karunya Institute of Technology and Sciences	2020
M. Tech.	Karunya University	2010
B. Tech.	University of Kerala	2006

Courses Taught

- Bioprocess Principles

- Downstream Processing
- Chemical Reaction Engineering
- Bioprocess Calculation
- Enzyme Engineering

Research Interests

- Phytochemicals
- Plant cell culture
- Bioprocess

MOST RECENT PUBLICATIONS

- Jacob, A., Mahanty, B., & Thomas, J. (2020). Dynamic modelling of growth and flavonoid production from *Ocimum tenuiflorum* suspension culture. *Bioprocess and Biosystems Engineering*, 43(11), 2053-2064.
- Jacob, A., & Thomas, J. (2019). Flavonoids from cell suspension culture of *Ocimum tenuiflorum* and its enhancement using response surface methodology. *Drug Invention Today*, 11(9).
- Jacob, A., & Thomas, J. (2019). Therapeutic potential of dietary flavonoids against viral-borne infections: A review. *Drug Invention Today*, 11(2).
- Chandrapragasam, V., Jacob, A., & Jayachandran, J. C. L. (2018). Biocontrol potential of extracellular proteins from *Xenorhabdus nematophilus* on dengue vectors and the enhancement by response surface methodology. *Journal of Applied Pharmaceutical Science*, 8(11), 131-139.