

## **Yuvraj (B.Tech Biotechnology)**

**Soft Skills:** CADD, DRUG DESIGNING, QSAR

### **Specialization**

**M.Tech:** Chemical Technology

**Ph.D:** Biochemical & Bioprocess Engineering

### **Area of Interest**

**Research:** Bioprocess modelling and simulation, Bioreactor design and scale-up, Photobioreactor engineering

### **Participated - In Specialized Training / Certified Courses:**

“Mathematical Modelling in Science and Engineering” at NIT Raipur (July 2014).

“Basics of Computational Fluid Dynamics” at MNNIT Allahabad (June 2014).

“Effective Grant Writing Skills and Strategic Management of IPR”, organized by DBT & BIRAC in association with BCIL at India Habitat Centre, New Delhi (July 2012).

“Effect of Substrate Concentration on Lipid Production by Oleaginous Yeast”: project cum training at Biotech Park, Lucknow (April 2010).

“Techniques & Tools of Biotechnology and Bioinformatics” at CIMAP Lucknow (June 2007).

### **Publication - Books / Chapters / Papers / Articles / Blogs:** Yuvraj, Padmanabhan P (2017)

Technical insights on the requirements for CO<sub>2</sub>-saturated growth of microalgae in photobioreactors. 3 Biotech 7:119.

Yuvraj, Vidyarthi AS, Singh J (2016) Enhancement of *Chlorella vulgaris* cell density: Shake flask and benchtop photobioreactor studies to identify and control limiting factors. Korean Journal of Chemical Engineering 33:2396-2405.

Saxena Y, Chand S, Singh RP (2014) Effect of pH cycling on lipid production by *Yarrowia lipolytica*. International Journal of Engineering Research and Technology 3:1251-1258.