



**Mr. Sandesh K**

**Designation:**

**Assistant Professor II**

**Date of Joining:**

**29<sup>th</sup> July 2010**

**Academic Background:**

**Pursuing Ph.D. (Biofuel) ,VTU, Belagaavi.**

**M.Tech. (Chemical Plant Design), NITK, Surathkal, 2010**

**B.E. (Chemical Engineering) , VTU, Belagaavi, 2008**

**Professional Experience:**

**Teaching: 07 years**

**Contact Details:**

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**Google Scholar: <https://scholar.google.co.in/citations?user=YSNROT4AAAAJ&hl=en>**

**Supervision of Ph.D : NA**

**Completed: -**

**Ongoing: -**

**Publications:**

**International: 05 National: - Total: 05 NMAMIT affiliated: 02**

**Patents: NIL**

**Filed: -**

**Best 3 Significant Publications:**

- [1] Sandesh K\*, Sana Amin, Harsha Kiran TS, and C Vaman Rao. Optimization of Pretreatment of *Saccharum spontaneum* (Kans Grass) Biomass for Production of Alcoholic Biofuels. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2017; 8(3S): 117-126.
- [2] P. E. JagadeeshBabu,\* K. Sandesh, and M. B. Saidutta., Kinetics of Esterification of Acetic Acid with Methanol in the Presence of Ion Exchange Resin Catalysts.,(2011). *Ind. Eng. Chem. Res.* 50, 7155-7160.
- [3] K. Sandesh, P. E. JagadeeshBabu,\* Suhas Math, and M. B. Saidutta., Reactive Distillation Using an Ion-Exchange Catalyst: Experimental and Simulation Studies for the Production of Methyl Acetate., (2013) *Ind. Eng. Chem. Res.* 52, 6984-6990.

**Awards:**

- [1] Received Best Paper Award for the paper titled “Optimization of Pretreatment of *Saccharum spontaneum* (Kans Grass) Biomass for Production of Alcoholic Biofuels” presented by Mr. Sandesh K on 2nd International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering (RACEEE-2017) held at SSN College of Engineering, Chennai, India during 23-24 February 2017.

**Books Chapter published:**

- [1] Sandesh K, Ujwal P, Blecita D.Mascarenhas, Gayatri Dhamannavar, Narmada Kumar, Dakshayin. (2016). Design and Fabrication of Miniature Bubble Column

**Bioreactor for Plant Cell Culture. “*Biotechnology and Biochemical Engineering (1st Ed)*, (pp163-169). Springer Science + Business Media Singapore. DOI: 10.1007/978-981-10-1920-3\_18.**

**Membership to Technical Associations:**

**[1] Indian Society for Technical Education (ISTE)**