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| |  |  | | --- | --- | |  |  | | F:\SUMI college data @ HOD\personal\personal\Personal\Photo\Dr. V. Sumitha photo.jpg | **Dr. V. Sumitha DST-SERB TARE FELLOW Asst. Head & Associate professor Department of Biotechnology Sri Venkateswara College of Engineering Sriperumbudur Tk. 602105 Email ID: Sumitha@svce.ac.in Ph: 044-27152000, Extn: 578/576** | |  |  | |  |

**Academic Profile**

Ph.D – Faculty of Technology, Anna University-2020

M.Tech -Industrial Biotechnology - Annamalai University-2005

B.Tech -Chemical Engineering - Madras University-2002

TARE research fellow – IIT Madras (2020-2023)

Teaching & Research Experience: 18 years

**Research Interest**

**Bioprocessing:** Converting biological waste into novel products - animal feed from bagasse, protease, lactic acid, polyhydroxybutyrate and bioethanol using crude glycerol from the biodiesel manufacturing process. Process optimization for enhance product yield and recovery.

**Metabolic engineering:** Pathway modification for the expression of targeted metabolites. Molecular optimization for the overexpression of genes.