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| **Dr. C. Anand Babu** **Professor,** **Department of Chemical Engineering****Sri Venkateswara College of Engineering (Autonomous)****E-mail:** **anandbabuc@svce.ac.in;** **Mobile :+91-9994748281****Phone:+91-44-27152000-Ext. 551** |
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**Qualification:**

**Ph.D.** - Ultra filtration for treatment of radioactive wastes(1999), IIT, Madras

**M.S.** - Solar energy utilization for waste treatment (1984), IIT, Madras

**B.Tech** - Chemical Engineering (1974), Osmania University, Hyderabad

**Teaching Experience: 10 years**

1. Professor in Chemical Engineering for 5 years in Homi Bhabha National Institute, BARC, Mumbai (Kalpakkam unit) (2006-2012).
2. Professor in Biotechnology Department, PSG college of Technology, Coimbatore (TN) (2012-2014).
3. Professor in Chemical Engineering, Sri Venkateswara College of Engineering, Sriperumbudur (TN) (2014 onwards -)

**Professional Experience:**40 years

* Former Associate Director, CDG/FRTG, Indira Gandhi Centre for Atomic Research (DAE), Kalpakkam.
* One year training at BARC Training School (1975-76)
* Joined as Scientific Officer in CWMF, BARC (F) (1976 - June, 1998)
* Head of Section-CTS, EDG, IGCAR (June, 1998 - September, 2004)
* Head of Division-ST&HD, FRTG, IGCAR (September, 2004 to Sep 2010)
* Head of Division-CT&VDD, FRTG, IGCAR (September, 2010 to May 2011)
* Associate Director, CDG, FRTG, IGCAR (June 2011 to June 2012)

**Area of Interest:**

* Water treatment and industrial effluent treatment
* Radioactive waste management
* Solar Energy Utilization
* Operation, maintenance, and augmentation of Boron Enrichment Plant
* Separation of actinides from Fast Reactor Fuel Reprocessing Effluents
* Separation of Cesium, Strontium, Lanthanides, and actinides using crown ether chemically bonded resins
* Treatment of fluoride using zirconium and membranes and modeling dispersion in soil

Pyro processing of spent metallic fuel from Fast Breeder Reactors