

## CURRICULUM VITAE OF Ms. T.SANTHOSHINI PRIYA

Name : **T. SANTHOSHINI PRIYA**  
Position : **Assistant Professor**  
Year of Experience : 08 years  
Education : M.Tech (Process Design), UPES, Dehradun, INDIA  
B.Tech (PRPC), AC Tech, Anna University, INDIA

Address for  
Communication : **Electrochemical Engineering Lab**  
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### Employment Record:

Period	Designation and Address	Nature of Job
Dec 2014 – Till date	<b>Assistant Professor</b> Department of Chemical Engineering A.C.Tech Campus, Anna University, Chennai-600 025	Teaching and Research
July 2011 – Nov 2014	<b>Teaching Fellow,</b> Department of Chemical Engineering A.C.Tech Campus, Anna University, Chennai-600 025	Teaching and Research

### Area of Expertise:

- Photocatalyst
- Gas Hydrates
- Petroleum Refining
- Enhanced Oil Recovery
- Plant Safety & HAZOP

### Membership of professional bodies:

Life Associate Member (IChE), membership no. is LAM-6029

## Completed Projects:

### 2015-2016

Photo catalytic Degradation of organic contaminants in a fluidized bed under visible light Irradiation under "Young Faculty Research Scheme (Rs 49,000.00)

### Theses guided:

MS/MTech : 07 (Completed)

## PUBLICATIONS

*No of Book/Book Chapter written* : NIL

*No of papers published in National journal* : NIL

*No of papers published in International journal* : 04

### List of papers published

1. **Santhoshini Priya, T**, Hameed Hussain, A, Monicka, K, Vadivel, S, & Balasubramanian, N 2019, 'Effect of Zeta Potential on Chitosan Doped Cerium Oxide in the Decolorization of Cationic Dye under Visible Light Irradiation', Fibers and Polymers, March 2019
2. S.Vadivel , A.N.Naveen, J.Theerthagiri, J.Madhavan, **T.Santhoshini Priya**, N.Balasubramanian „Solvothermal synthesis of BiPO<sub>4</sub> nanorods/MWCNT (1d-1D) composite for photocatalyst and supercapacitor applications“, Ceramics International, 2016.
3. S.Vadivel,J.Theerthagiri., J.Madhavan, **T.Santhoshini Priya**, N.Balasubramanian „Enhanced photocatalytic activity of degradation of azo, phenolic and triphenyl methane dyes using novel octagon shaped Biocl discs/ MWCNT composite“, Journal of water process engineering, vol 10, pg 165-171
4. S.Vadivel,V.P.Kamalakaran,N.P.Kavitha,**T.Santhoshini Priya**, N.Balasubramanian „Development of novel Ag modified BioF squares /g- C<sub>3</sub>N<sub>4</sub> composite for photocatalytic applications“, Materials Science in Semiconductor Processing, 41, 59-66 , 2016