

## Pradeep Sakhivel

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MIA-25, TNHB Colony, Tiruchengode, Namakkal

### OBJECTIVES

Looking for a challenging career which demands the best of my professional ability in terms of technical and processing skills, and helps me in broadening and enhancing my current skills and knowledge.

### EDUCATION

ERODE SENGUNTHAR ENGINEERING COLLEGE, ERODE

**2016** | B. TECH CHEMICAL ENGINEERING WITH 6.86 CGPA

- ✓ PROJECT entitled: "PHYTOREMEDIATION OF CHROMIUM USING INDIAN MUSTARD PLANT"  
Description: In this projects, removal of chromium from chrome tanning becomes more important due to its toxic effects on living things and environment

DIMENSIONAL ACCADEMY (AFFILIATED TO BHARATHIDHASAN UNIVERSITY), CHENNAI

**2017** | PG DIPLOMA IN PROCESS ENGINEERING WITH 74.8%

- ✓ PROJECT entitled: "DISTILLATION OF BENZENE AND TOLUENE MIXTURE" using Aspen Hysys

PERIYAR INSTITUTE OF DISTANCE EDUCATION, SALEM

**2016** | DIPLOMA IN FIRE AND SAFETY WITH 70.5%

MDV HIGHER SECONDARY SCHOOL, TIRUCHENGODE

**2012** | HIGHER SECONDARY COURSE CERTIFICATE WITH 71.2%

MDV HIGHER SECONDARY SCHOOL, TIRUCHENGODE

**2010** | SECONDARY SCHOOL LEAVING CERTIFICATE WITH 79%

### EXPERIENCE

**Field chemist Jan 2017 – April 2017**

Hubert Enviro Care System | Chennai

Monitoring ambient air quality in industry

Handling process equipment's like suspended Particulate matter, fine suspended particulate matter, vacuum pump, handy sampler, noise meter.

**Supervisor - ETP OCT 2016 – NOV 2016**

Senthil Papers and Boards | Erode

Troubleshooting to the water scarcity, pumps, pipeline

Maintenance of purity and quality of the water

Handling equipment's are krofta, filter press, clarifier's, centrifugal pumps and MGF filter

**In-plant Training June 2015 – June 2015**

The India Cement | Sankari, Salem

Understanding the unit and mechanical operation

Get knowledge about equipment's like rotary kiln, pre-heater, hammer mill, belt conveyor

**TECHNICAL SKILLS**

- Knowledge about PFD, P&ID
- Knowledge about line hydraulic calculation related to liquid & gas
- Knowledge about sizing of relief valve for blocked outlet and fire scenario based on API 520 & 521 standards
- Knowledge about sizing of PVRV for in-breathing and out-breathing based on API 2000
- Knowledge about hydraulic - NPSH calculation
- Knowledge about heat exchanger thermal design (using HYSYS simulation software)
- Knowledge about control valve sizing
- Knowledge about preparation about line list, equipment list and valve list
- Knowledge about ASPEN HYSYS

**SOFTWARE PACKAGES**

- Process simulation software ASPEN HYSYS
- AUTO CAD
- MS-Office

**DECLARATION**

I declare that the above details furnish by me are true to the best of my knowledge. If you give an opportunity I assure that I would discharge my duties to the entire satisfaction of my superiors and devote myself fully for the growth of the organization.

Place:

yours faithfully

Date:

S. PRADEEP