

SANTHOSH POTHUGANTI

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY,WARANGAL

Bachelor of Technology.
Chemical Engineering

July 2017 - Present

CGPA :7.06

SRI CHAITANYA JUNIOR COLLEGE

Class XII.

Telangana Board Of Intermediate Education

June 2015-May 2017

Percentage:96.8

KAKATIYA HIGH SCHOOL

Class X.

Telangana State Board Of Secondary Education

June 2014-April 2015

9.5/10

CAREER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

PROJECTS

- **Machine assisted vision**

Applying deep neural networks concept to provide assistance to blind people with an audio output.

- **Reverse osmosis membrane modelling for desalination of sea water using linear regression and simulink.**

Using machine learning concepts for formulating dependence of permeate flux across the membrane on conductivity and pressure applied on the reverse osmosis membrane.

- **Cellulose Nano Particle - Biodegradable Films.**

Assisting Dr.Shirish Sonawane (professor,NITW) on Synthesis Of cellulose Nano fibers and applications of cellulose Nano fiber in preparing biodegradable films.

TECHNICAL SKILLS

Programming Languages : C, C++,PYTHON

Software : Autocad, Matlab , R-STUDIO

CERTIFICATIONS

- Certified in Machine Learning offered by Stanford University through Coursera.

ACHIEVEMENTS

- Secured second place in Paper presentation on Machine Assisted Vision in NITW Technical fest 2019
- Secured 13620 rank in JEE Mains 2017