

# SIVA TEJA SOWRYA YANNANA

Phone: (+91) 9010017027  
[sivateja.yannana121@outlook.com](mailto:sivateja.yannana121@outlook.com)

Kakinada,  
Andhra Pradesh, India.

## EDUCATION

<b>September 2021</b>	<b>Master of Science in Environmental and Land Planning Engineering</b> Politecnico di Milano, Italy Grade : 98/110 Thesis: “Measurement method for chlorine dioxide: affecting factors preliminary evaluations” Advisor : Prof. Manuela Antonelli
<b>June 2017</b>	<b>Bachelor of Technology in Civil Engineering</b> V.S.M College of Engineering affiliated to Jawaharlal Nehru Technological University Kakinada, India. Percentage: 74.95 Graduated First Class with Distinction

## AWARDS

Sept. 2018 - Feb. 2021	<b>Diritto Allo Studio(DSU)-Financial Aid Benefit</b> Scholarship funded by the Italian government, while pursuing a Master's degree
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## RESEARCH EXPERIENCE

Dec 2020 - Sept 2021	<b>Measurement method for chlorine dioxide: affecting factors and preliminary evaluations</b> , under Prof. Manuela Antonelli, Politecnico di Milano, Italy <ul style="list-style-type: none"><li>• Literature review on the factors affecting and reducing the formation of byproducts chlorite &amp; chlorate in chlorine dioxide disinfection using decay kinetics.</li><li>• Preliminary evaluations on the measurement methods (CPR and DPD) for the best accuracy of decay rates.</li></ul>
Aug. 2016 - July 2019	<b>Comparison of strength properties between steel fibre reinforced concrete and coir fibre reinforced concrete</b> , under Dr K.Saroja Rani Jawaharlal Nehru Technological University, Kakinada, India <ul style="list-style-type: none"><li>• Slump test of steel and coir fibre M20 concrete were tested</li><li>• Compressive and split tensile strengths of steel and coir fibres were tested and compared.</li></ul>

## **PROFESSIONAL TRAINING**

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Sept.2017 -  
Oct.2017

**Tutor, Gate Masters Academy**, Hyderabad, India  
Tutored for diploma students for APECET exam  
• Subject-Hydraulics.

Apr.2016 -  
July.2016

**Internship, S.S Designers and Planners**, Hyderabad, India  
Building Designs, Building Estimations, Site Inspection  
• A complete review of residential and institutional buildings.

Jan.2015-  
Mar.2015

**Teacher, Akella Public School**, Kakinada, India  
Taught for 9<sup>th</sup> and 10<sup>th</sup> class students  
• Subject-Mathematics.

## **Technical SKILLS**

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**Laboratory:** Ability to perform water quality analytical methods according to standard methods, Experience in using UTM for spilt tensile and compression strength

**Software Platforms:** Windows, Linux

**Software's:** MATLAB, R statistical software, Minitab software, HEC RAS, Groundwater Vistas, CROPWAT, CLIMWAT, Stadd.Pro, Autodesk AutoCAD

**Other Applications:** Microsoft Office, Adobe Photoshop CS3

## **EXTRACURRICULAR ACTIVITIES**

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Sept. 2016 –  
Jun 2017

**Vice president and Pioneer of Association of Royal Civil.**  
V.S.M college of engineering, Ramachandrapuram, Andhra Pradesh – 533255, India.  
• Organized Technical Symposiums, Student Activities  
• Respond to emails and inquires

## **LANGUAGES.**

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**English:** Excellent in Reading and Writing, Fluent in Speaking.

**Telugu:** Native Language.

**Hindi:** fluent speaker

## **OTHER**

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Hobbies: Reading Technological articles and fantasy novels, Watching Sc fiction Movies,  
Playing Cricket